

NATIONAL OCEANIC AND ATMOSPHERIC
ADMINISTRATION

+ + + + +

ATLANTIC HIGHLY MIGRATORY SPECIES

+ + + + +

FALL 2014 ADVISORY PANEL MEETING

+ + + + +

WEDNESDAY
SEPTEMBER 10, 2014

+ + + + +

The Advisory Panel met in Grand
Ballroom A of the DoubleTree by Hilton Hotel
located at 8120 Wisconsin Avenue, Bethesda,
Maryland, at 9:00 a.m., Suzanne Lea, Facilitator,
presiding.

PANEL MEMBERS PRESENT

JASON ADRIANCE
PATRICK AUGUSTINE
ANNA BECKWITH
TERRI BEIDEMAN
RICK BELLAVANCE
ANDRE BOUSTANY
ANDREW COX
PAM DANA (via telephone)
STEVE DOSS (Proxy for Allan Willis)
SONJA FORDHAM
WILLIAM GERENCER
WALTER GOLET
JOHN GRAVES
LISA GREGG
(Proxy for Martha Bademan)
RANDY GREGORY
MARCOS HANKE (Proxy for Eugenio Pineiro)
DEWEY HEMILRIGHT (Proxy for Stephen
Linhard)
RUSSELL HUDSON
ROBERT HUETER
STEPHEN IWICKI
WALLACE JENKINS
AMANDA KELEDJIANCARRIE KENNEDY
DAVID KERSTETTER
JAMES LAWSON
MARK LINGO
SHANA MILLER
VALERIE MILLER
(Proxy for Pamela Baker)
JEFF ODENTIM PALMER
RALPH PRATT
RICHARD RUAIS
MARK SAMPSON
MARTIN SCANLONMICHAEL SISSENWINE
DAVID STILLER
SCOTT TAYLOR
RICK WEBER
CHRISTOPHER WEINER
ROMULUS WHITAKER

ALSO PRESENT

SUZANNE LEA, Facilitator

MARGO SCHULZE-HAUGEN, Division Chief, Highly
Migratory Species Management Division (HMSD)

RANDY BLANKINSHIP, HMSD

KARYL BREWSTER-GEISZ, HMSD

CRAIG COCKRELL, HMSD

PETER COOPER, HMSD

JENNIFER CUDNEY, HMSD

KATIE DAVIS, HMSD

JOE DESFOSSE, HMSD

GUY DUBECK, HMSD

STEVE DURKEE, ERT

LEANN HOGAN, HMSD

NEVA HOWARD, HMSD

OTHEL FREEMAN, HMSD

ALEXIS JACKSON, HMSD

JACKIE JOHNSON-CRAGG, ERT

BRAD MCHALE, HMSD

DELISSE ORTIZ, ERT

RICK PEARSON, HMSD

GEORGE SILVA, HMSD

CARRIE SOLTANOFF, HMSD

JERON STANNARD, HMSD

DIANNE STEPHAN, HMSD

JENNI WALLACE, HMSD

THOMAS WARREN, HMSD

JACKIE WILSON, HMSD

MICHELLE DUVAL, North Carolina Division of
Marine Fisheries (via telephone)

KATIE MOORE, United States Coast Guard (via
telephone)

JOHN REGHI, NOAA Enforcement

TARA SCOTT, NOAA Fisheries Service

FRANK SPRTEL, NOAA Enforcement

COMMENTERS

KATHRYN KULLBERG, Humane Society of the
United States

DEWEY HEMILRIGHT

GLEN HOPKINS

1 P-R-O-C-E-E-D-I-N-G-S

2 9:06 a.m.

3 MS. SCHULZE-HAUGEN: Before we get
4 started I'd like to let you know we have a new
5 sound system, thanks to the ICCAT Advisory
6 Committee and Dr. Graves. So, it's wireless.
7 That's a big bonus. So we won't be crawling
8 under the table to reconnect things anymore.

9 But it also means that we're not quite
10 sure. This is our first use of it. I feel like
11 I'm really loud right now. Am I pretty loud?
12 And I used to have to hug it before. Is this
13 better? A little further away. So, bear with us
14 as we get used to the new system. The one thing
15 I would also just like to point out is that we
16 have the priority mic up here. And so if I click
17 it after you talk it turns off.

18 But even though you make your
19 intervention and turn it off, until someone else
20 hits the mic, or I hit the priority it's still
21 live. So, the mutterings, the what you really
22 wanted to say, we might all be able to hear that.
23 It might make the transcripts a little more
24 interesting. But, so bear with us as we try it
25 out.

26 They're run on batteries. We have
27 extra batteries charging. We're not quite sure
28 how long the charge will last, but we'll take it
29 from there, see how it goes. And so at this
30 point I would like to introduce our facilitator.
31 We have a new facilitator, Suzanne, here. I'll
32 hand it over to her to set the ground rules and
33 run it from here. But I wanted to thank you all
34 for coming and we'll get started just now.

35 FACILITATOR LEA: Hello. I tend to be
36 quite loud so let me know if it's too loud. I'll
37 stand back. My name is Suzanne Lea and I'll be
38 facilitating the meeting. I've been a
39 facilitator for about 10 years. I'm a
40 sociologist. Grew up in Michigan, so lots of
41 waters around. A lot of at least recreational
42 fishermen in the family. And so I'm excited to
43 be here and help run the meeting.

44 And the main emphasis I have in
45 facilitating is in elucidating and drawing out
46 alternative views. And I understand this is a
47 pretty diverse group with a lot of alternative
48 views. I've read some of the transcripts of

1 previous meetings. So, hopefully that will be
2 helpful to get some different ideas out on the
3 table.

4 So, my understanding is that we kind
5 of go around the room and do a quick introduction
6 of everyone. So that's -- we've got about 5 or
7 10 minutes, so it'll have to be kind of quick.
8 But I guess it will give us a good chance to
9 practice with the mics. So we'll go ahead and
10 start over here with Sonja Fordham.

11 MS. FORDHAM: Sonja Fordham, Shark
12 Advocates International.

13 MS. MILLER: Hi, I'm Valerie Miller.
14 I'm sitting in for Pam Baker for the
15 Environmental Defense Fund.

16 MR. HUETER: I'm Bob Hueter from Mote
17 Marine Laboratory in the academic sector.

18 MR. IWICKI: Steve Iwicki,
19 Recreational Fishery, South Jersey.

20 MR. COX: Andrew Cox, the Billfish
21 Foundation.

22 MR. MILLER: Shana Miller, the Ocean
23 Foundation.

24 MR. SCANLON: Lawrence Scanlon,
25 fishing vessel Provider II, owner-operator.

26 MR. DOSS: Steve Doss sitting in for
27 Alan Willis, recreational.

28 MR. BOUSTANY: Andre Boustany, Duke
29 University.

30 MR. RUAIS: Rich Ruais, American
31 Bluefin Tuna Association.

32 MR. AUGUSTINE: Pat Augustine,
33 recreational, New York.

34 MR. PRATT: Ralph Pratt, commercial
35 bluefin.

36 MR. BELLAVANCE: Rick Bellavance,
37 owner-operator, Priority Fishing Charters in
38 Point Judith, Rhode Island.

39 MR. GOLET: Walt Golet, University of
40 Maine.

41 MS. BEIDEMAN: Terri Beideman,
42 commercial, on behalf of Blue Water Fishermen's
43 Association.

44 MR. GERENCER: Bill Gerencer.

45 MS. GREGG: Lisa Gregg, Florida Fish
46 & Wildlife Commission.

47 MR. PALMER: Tim Palmer, Stuart,
48 Florida.

1 MR. TAYLOR: Scott Taylor, Dayboat
2 Seafood, commercial.
3 MR. WHITAKER: Rom Whitaker, Hatteras
4 Charter Boat.
5 MR. ODEN: Jeff Oden, fishing vessel
6 Sea Bound, North Carolina.
7 MR. GREGORY: Randy Gregory, North
8 Carolina Division of Marine Fisheries.
9 MS. BECKWITH: Anna Beckwith, South
10 Atlantic Council.
11 MS. KELEDJIAN: Amanda Keledjian,
12 Oceana.
13 MR. HEMILRIGHT: Dewey Hemilright,
14 Mid-Atlantic Fishery Council and commercial
15 fisherman, North Carolina.
16 MR. HUDSON: Rusty Hudson, director of
17 Sustainable Fisheries, commercial.
18
19 MR. LAWSON: Jimmy Lawson. I'm with
20 Texas International Fishing Tournaments,
21 recreational.
22 MR. LINGO: Mark Lingo, Texas Parks &
23 Wildlife.
24 MR. WEINER: Chris Weiner, bluefin
25 harpooner, Portland, Maine.
26 MR. SISSEWINE: Mike Sissenwine, New
27 England Fishery Management Council.
28 MR. GRAVES: John Graves, U.S. ICCAT
29 Advisory Committee.
30 MR. STILLER: Dave Stiller, the last
31 small coastal shark fisherman in the Gulf of
32 Mexico.
33 MR. ADRIANCE: Jason Adriance,
34 Louisiana Wildlife & Fisheries.
35 MR. JENKINS: Wally Jenkins, South
36 Carolina Department of Natural Resources.
37 MR. KERSTETTER: Dave Kerstetter, Nova
38 Southeastern University Oceanographic Center,
39 academic.
40 MR. HANKE: Marcos Hanke, Puerto Rico
41 charter captain.
42 MR. WEBER: Rick Weber, South Jersey
43 Marina and tournaments.
44 FACILITATOR LEA: All right, great.
45 Wow, that was extremely efficient. I'm very
46 impressed because this is a big group. All
47 right. We're going to just kind of go over the
48 agenda real quick. Oh, I'm sorry, I'm sorry.

1 I'm going to introduce the back of the room here
2 too. Sorry.

3 (Off mic introductions.)

4 FACILITATOR LEA: All right. So,
5 great to meet everyone. My understanding is that
6 we next go through the agenda and just make sure
7 that there's no additions, or anything that
8 someone would want to change at all. So, we're
9 doing the welcomes and orientation now. Next is
10 the overview of recent activities and updates.
11 Next is the law enforcement updates.

12 After the break will be Amendment 7 on
13 bluefin tuna management. And then there will be
14 lunch. And then National recreational fishing
15 policy. A break. International port inspection,
16 transshipment and unique vessels. Amendment 9 on
17 smoothhound shark management. Finally, public
18 comment.

19 And then tomorrow morning we'll
20 reconvene at 8:30, and we'll talk about HMS
21 management-based research priorities, Amendment 6
22 on shark quotas, a break, and then the national
23 standard update has actually been canceled. So
24 that won't be occurring. So that will give us
25 either an early exit, or a little more time if we
26 need it for other things that day.

27 Finally, electronic monitoring and
28 reporting, public comment and then wrap-up.
29 Aiming to adjourn by 12:30 tomorrow, as I know a
30 lot of you have flights to get back home. Any
31 amendments or concerns, or anything with the
32 agenda? Move to adopt the agenda. Okay.
33 Excellent.

34 All right. So, in terms of ground
35 rules. A lot of you have been here before, but I
36 guess there's a number of proxies here as well.
37 So, we'll just kind of go over the basic ground
38 rules. It's a big group with a lot of diverse
39 views, so we're going to need to use the mic to
40 hear. And please make sure to say your name and
41 affiliation before you go ahead with your
42 comment.

43 To encourage and allow more input for
44 folks that maybe are more reticent to use the
45 mic, or you know, we have some boards in the
46 back. We have recreational fishing, and sharks,
47 and then Amendment 7. There's some markers in
48 each area. So the idea with those is if you have

1 some thoughts, some comments, if you could put
2 those down it will, we hope, allow for some
3 broader comments and more broad views to be heard
4 as we go along.

5 So, you could feel free to do that
6 during the breaks or anytime. And we have lots
7 more paper if it's needed, so. Be succinct.
8 Respectful disagreement, which I guess will be
9 promoted by the fact that the mics have a little
10 bit of a lag time between turn-takers.

11 I'll run a queue. A couple of people
12 had questions about online access, the wi-fi.
13 There's papers around with the passcode. So if
14 you have any questions, you know, maybe ask a
15 neighbor. They might have the sheet. And I
16 think that's it. So, we'll begin with the
17 overview, recent updates.

18 MS. SCHULZE-HAUGEN: All right. So,
19 what I'm trying to do here is, basically, update
20 you on things that we in the Division have been
21 doing since we last met. I'll also try and touch
22 on things that we think are of interest to you
23 all, or may be things that affect you, but are
24 led by other parts of the Fishery Service or
25 other agencies.

26 I'm not going to be talking about
27 things that we have covered specifically on the
28 agenda later. So, some of our statistics. Since
29 April we have published four proposed rules for
30 the 2014 swordfish specs, Draft Amendment 9, the
31 2015 shark specs and international port
32 inspection, transshipment and UVI.

33 The 2015 shark specs and the
34 international rule filed today, so we're right
35 under the wire. They'll publish tomorrow. And
36 so we'll talk about those. But if you hadn't
37 heard about them before you didn't miss anything.
38 They're brand new.

39 We also published two final rules for
40 the '14 specifications for swordfish and bluefin.
41 We released the Final Environmental Impact
42 Statement for Amendment 7 on bluefin tuna. And
43 13 workshops have been held.

44 And so far we've issued 38 exempted
45 fishing permits, scientific research permits, or
46 letters of acknowledgment, issued five shark
47 research fishery permits and registered 262
48 tournaments. For the bluefin tuna

1 specifications, this final rule published in
2 July. And so we were able to allocate the full
3 baseline allocations and quotas to all directed
4 categories, including the Purse Seine category.

5 And part of that is because we had an
6 updated discard estimate of 140.8 metric tons for
7 both longline and purse seine fisheries. This
8 was a smaller number than it had been in the
9 past. And so that meant, even though we used the
10 same approach, that we were able to cover the
11 full baseline as well as include half of the
12 discard estimate up front, and provide extra to
13 the longline category.

14 About 99 metric tons was allocated,
15 not including the 25 metric tons set aside for
16 the Northeast system. For in-season actions on
17 bluefin tuna we've had several. For general
18 category retention limits you can see here, we
19 had a retention limit of two fish for January
20 through March 21, and then four fish since June
21 1. And that will be at four fish through the
22 rest of the year.

23 The angling category retention limits,
24 also a slight change. For private vessels, one
25 school and one large school. And for charter-
26 headboats, two school plus one large school. For
27 closures, the general category January Fishery
28 closed March 21. And the angling category Trophy
29 South closed April 11.

30 Our most recent in-season action was
31 a transfer of 15 metric tons from the reserve to
32 the harpoon category. We also, this summer,
33 issued an exempted fishing permit for one Purse
34 Seine vessel. And we had received a request due
35 to discards that we saw last year.

36 As the fishery has become more active,
37 the presence of pure schools of giant fish are
38 not as they had been and there's more mixed
39 schools. And the request was to see the effect
40 of eliminating that tolerance for fish between 73
41 and 81 inches on discards.

42 We had public comment and issued the
43 permit with specific terms and conditions,
44 including 100 percent observer coverage, in order
45 for that exemption to be in effect on August 1.
46 So we are in the midst of the season, and we'll
47 have an update for you next time we meet.

48 For swordfish specifications the final

1 rule published August 22. You can see the base
2 quota is the same, but we had a new ICCAT measure
3 in 2013. And our adjusted quota has changed.
4 And this is due to the elimination of a 150
5 metric ton transfer to Morocco, but then an
6 addition of a 2,500 metric ton to Mauritania. So
7 you can see the new adjusted quota there. And
8 our South Atlantic swordfish is basically the
9 same.

10 So we've added a picture of the
11 landings for the last two years and this year.
12 You can see in yellow 2012 we came very close to
13 achieving our base quota, a little bit less in
14 2013, and 2014 is considerably lower. But we do
15 -- we're still in the middle of the season, so
16 hopefully those numbers will increase.

17 For shark 2015 specifications this is
18 what we'll publish tomorrow, though it's
19 available today. We are proposing to open all of
20 the shark management groups except the aggregated
21 large coastal and hammerhead group in the
22 Atlantic on or as close to January 1 as we can.

23 And then the aggregated large coastal
24 and Atlantic hammerhead would open on June 1.
25 These are the same dates as what we proposed and
26 finalized last year. We're also proposing to
27 adjust the Gulf blacktip management group based
28 on under-harvest in '14, and adjust the Gulf
29 aggregated large coastal and Atlantic blacknose
30 based on over-harvest in '13 and '14.

31 And then we're also about halfway
32 through our five-year adjustment for blacknose
33 based on over-harvest in 2012.

34 That comment period will close October
35 14, and we're looking forward to any comments or
36 questions. We don't have this on the agenda
37 later, so if you have questions please see Karyl
38 or Guy and we can fill you in.

39 For our in-season actions we've also
40 had several shark closures. Gulf of Mexico,
41 aggregated large coastal and hammerhead in May.
42 Gulf of Mexico blacktip in June. Atlantic
43 blacknose and non-blacknose small coastals in
44 July. And then, just yesterday, Gulf of Mexico
45 blacknose and non-blacknose small coastals.

46 Continuing on sharks, Amendment 5b.
47 We discussed the pre-draft with you all in the
48 spring. As you recall, this is for dusky sharks.

1 The latest assessment shows over-fishing and
2 over-fished status. The stock, this species has
3 been prohibited for a good, long time. We're
4 still experiencing over-fishing. We are drafting
5 now the Draft Environmental Impact Statement and
6 proposed rule.

7 This rule has been deemed significant
8 by the Office of Management and Budget. And so
9 what that means is before we release the proposed
10 rule we have to submit it to them for their
11 review and comment. So, we're not exactly sure
12 of how long that can take. Sometimes it can take
13 quite some time. So we're unsure of the timing
14 at this point, but we are working hard on it.

15 And can I just ask, I hear an echo?
16 Yes. Okay. Is that better? Not so much?
17 Anything? It's still there. Okay, well, I don't
18 know.

19 Looking at essential fish habitat. We
20 had talked with you in the spring about our plans
21 for this. It's required that we do a five-year
22 review. We had published our Notice of Intent to
23 conduct the review and solicited information that
24 you all may have on habitat use, or presence-
25 absence.

26 We're looking at peer-reviewed
27 publications, technical reports, unpublished
28 data, whatever we can find, basically. We had
29 hoped to have that out for your review at this
30 meeting, but we do not. We're a little behind on
31 that. And so we are currently drafting that
32 document and expect to have the draft for public
33 comment in the wintertime.

34 Looking at recreational swordfish
35 landings, we're close to a pattern that we've
36 seen in the last several years. 2014 is the
37 lowest, but it's also the year to date, so that
38 number should increase as the year goes on.

39 Recreational billfish. Similarly,
40 we're low for '14, but this is as of the end of
41 June and much of our billfish landings come in in
42 the third quarter. So we would expect those
43 numbers to go up as well.

44 And then specific to tournaments. We
45 have an uptick in registration, due, in part to
46 some additional outreach we've been doing. And
47 we are also working on a program restructuring,
48 with the ultimate goal of having online

1 registration and reporting for tournaments.
2 Right now the data is housed in
3 different parts of the agency and so we're
4 working to merge those systems, merge the process
5 and then we'll be rolling out as we can the new
6 procedures when we get there. I also wanted to
7 highlight that the International Game Fish
8 Association and NOAA Fisheries will be having a
9 tournament operator meeting September 25 at the
10 IGFA headquarters in Florida. And so hopefully
11 folks know about that, so we're looking forward
12 to a good dialogue.

13 We had one of these kinds of meetings
14 several years ago and thought it would be good to
15 have another. And so the next several slides are
16 specific to Endangered Species Act, or ESA
17 updates. These are actions that are led by our
18 Office of Protected Resources. So, a different
19 part of the agency, but we make sure that they
20 have all the management information.

21 And so this summer there was a final
22 rule that listed four what's called distinct
23 population segments. so, basically
24 subpopulations, under the ESA as either
25 threatened or endangered. You'll actually see
26 six different boxes up there. The two boxes in
27 the Central Pacific, and Northwest Atlantic, and
28 Gulf of Mexico were not listed. So they are not
29 endangered or threatened. Those happen also to
30 coincide with most of the management of the U.S.
31

32 The Indo-West Pacific and Central and
33 Southwest Atlantic are threatened. And then the
34 Eastern Pacific and Eastern Atlantic were listed
35 as endangered. So most of our fisheries occur
36 within the Northwest Atlantic and Gulf of Mexico,
37 but we do have some overlap in the Caribbean.

38 And so we are looking at re-initiating
39 consultation on the HMS fisheries there, due to
40 this new listing. And so that will be upcoming
41 soon. And then, even more recently at the end of
42 August, NMFS published a final rule listing 20
43 coral species as threatened under the ESA. And
44 seven of these species occur within our
45 management area.

46 We're currently assessing whether
47 there is interaction with coral in HMS fisheries.
48 And if there is we will also be re-initiating

1 consultation for corals, again as a newly listed
2 species.

3 And as an update, as I mentioned at
4 the last meeting we re-initiated consultation on
5 the Pelagic longline fishery. The mortality rate
6 measure needs to be reevaluated. The overall
7 ability for the RPA, the Reasonable Prudent
8 Alternative to avoid jeopardy was not affected.
9 But we need to revisit that mortality rate.

10 And so we're working through our
11 Protected Resources handling release workshops
12 and other outreach efforts to further reduce the
13 turtle interactions, including using whole-fin
14 fish as bait, avoiding threading baits on hooks,
15 using larger hooks as much as possible, and then
16 avoiding fishing in waters greater than 68
17 degrees where turtles are more prevalent.

18 This will result in a new opinion for
19 the Pelagic longline fishery in the future. And
20 so the next couple of slides here are specific to
21 measures for porbeagle, oceanic whitetip, and
22 then great, smooth and scalloped hammerhead
23 sharks, which were listed under Appendix 2 under
24 the Convention on International Trade and
25 Endangered Species.

26 If you remember, under CITES there's
27 three appendices. Appendix 1, which these are
28 not, would ban international trade. Appendix 2
29 is monitoring trade, and that's what these sharks
30 are listed under. And that's designed so that
31 you have the information to address issues if you
32 need to.

33 The U.S. Fish & Wildlife Service is
34 the lead for implementing CITES listings. They
35 have come to a couple of panel meetings and
36 talked with folks that have some interactions
37 with these species or may be trading in them.
38 And there's different documents, different
39 requirements depending on if it's -- the area of
40 fishing and what's happening to the product.

41 And so I don't have a lot of expertise
42 in this, but you can see, we have two flowcharts
43 here for fishermen depending on where you're
44 fishing, whether it's high seas, U.S. waters,
45 where it's being landed and in kind of what level
46 of transport. Different documentation may be
47 required.

48 And then for importers-exporters,

1 again depending on where the product was caught,
2 where it's going there's different documentation
3 that's required. And what the U.S. Fish &
4 Wildlife Service has to determine is that a non-
5 detriment finding. Meaning that the harvest of
6 that particular individual does not -- is not
7 detrimental to the stock. And that it was
8 legally acquired. So it was caught in accordance
9 with applicable law.

10 And so that's the information that
11 we've been providing to them on the management
12 structure, what the requirements are, so that
13 they can make those findings for any U.S.
14 product. And then try to connect you all, if you
15 have questions with the appropriate folks there.

16 I'll give you an update on the
17 compendium. If you remember, we shared this idea
18 with you all, something we had been thinking
19 about doing for our own benefit. To have a
20 single document that would lay out the history of
21 management, why some management measures are in
22 place, so that you have it in one spot.

23 Right now our management history is
24 spread across relevant amendments, things of that
25 sort. And so we got a lot of really good
26 feedback from you all. We're continuing to work
27 on it. Alexis Jackson, our Sea Grant Fellow, is
28 working diligently, going through old records to
29 pull together the history.

30 This is the structure that we're
31 thinking about at this point and working on. And
32 again, when we get to a point to share a draft
33 with you all we will certainly do that. And then
34 on an operational front, we continue to work with
35 councils, the five Atlantic councils. Several of
36 them are here which is great. As well as
37 commissions.

38 And so as we have amendments we will
39 be consulting with the councils. Sometimes their
40 schedules are quite busy and they can't always
41 accommodate us, but we try and go to each one.
42 The Louisiana greenstick gear Study is in the
43 final stages. We'll be continuing to close that
44 out in FY '15.

45 And we continue to have monthly and
46 annual reporting requirements to ICCAT. I've
47 mentioned this before. It continues to just be
48 one of those things that is just part of the day

1 job, as we call it. You've got to get your lists
2 in, and you've got to make sure they're right.
3 And the Secretary pays a lot of attention to
4 them, actually.

5 The Electronic Bluefin Catch Document.
6 That is continuing to be developed. There's
7 actually a meeting next week, I think, in Madrid.
8 We're at the point of trying to make sure that
9 the western harvester provisions in that system
10 are functional and what we need.

11 And then the regulatory requirements
12 are going to be released in a proposed rule this
13 fall. That's in combination with implementation
14 for the International Trade Data System, this
15 ITDS, that the Office of International Affairs is
16 leading.

17 We decided to combine the measures in
18 the rulemaking because the universe of affected
19 entities is the same: it's international
20 importers and exporters. Although, given that the
21 EBCD system is scheduled to be live next March,
22 we may have to do a separate final rule. But we
23 will make sure that you all are aware of that
24 when it is released.

25 We're continuing to work with the
26 Caribbean Council on closures in the Caribbean
27 area that may affect HMS fishing as well. If you
28 have questions on that we're happy to answer
29 questions. And Marcos who's here can help us.

30 And then our Electronic Dealer
31 Reporting System is another thing that is
32 continuing. We have about 486 HMS dealers that
33 are reporting electronically on a weekly basis
34 whether they bought fish or not. So positive and
35 negative reports. This is why we're able to do
36 landings reports within days at this point. So
37 that's been a great benefit to us.

38 We take it very seriously and so we
39 are also doing weekly compliance monitoring. And
40 so that is also quite a bit of work. And we have
41 worked with the Office of Law Enforcement that
42 you'll be hearing from shortly about some of the
43 steps that they have taken on the enforcement
44 side.

45 And lastly, we have no current
46 litigation. I stress current.
47 Some other actions going on
48 nationally. The National Vessel Monitoring

1 System proposed rule. This published yesterday.

2

3 And this would codify what's called
4 type approval standards, specifications,
5 procedures and responsibilities.

6 This is in response to some of the
7 vendor performance issues that we've heard about
8 for some time.

9 What this would do is put in
10 regulations how vendors will be approved, and
11 then if there are concerns, how they would be
12 disapproved.

13 And so it's what the agency is doing
14 to address those concerns in a very standard,
15 open way.

16 And so it does not have a direct
17 effect on any vessels. This would be, again, for
18 the vendors themselves. So, think of Boatracs,
19 SkyMate, that sort, those folks that would be the
20 ones providing the units.

21 Should a provider be disapproved in
22 the future there are provisions in that rule that
23 would dictate or specify how vessels would be
24 informed, steps that would need to be taken.

25 So, if folks could look at that,
26 particularly folks that have had experience with
27 the VMS units that would be very helpful.

28 And I think the enforcement folks will
29 also be talking about that a little bit.

30 The Billfish Conservation Act of 2012.
31 We are working on the proposed rule. This would
32 codify the prohibition of possession billfish for
33 sale, though there are exceptions for Hawaii and
34 the Pacific insular areas.

35 I think this may be close to coming
36 out, maybe this fall.

37 And the Shark Conservation Act of
38 2010. This proposed rule published last summer.
39 We got a lot of comments and are still thinking
40 through next steps. I don't have further update
41 but wanted just to keep it up here to let you
42 know that it's still in progress.

43 And then looking ahead we have ICCAT
44 season upon us, a number of reporting coming up.
45 We have the fall advisory committee just about a
46 month from now and then the annual meeting in
47 November. I'll see many of you there.

48 This year is a bluefin year as they

1 all seem to have been lately. And then there may
2 also be measures on sharks, trade, compliance,
3 things of that sort.

4 The other assessments were for
5 skipjack and I believe Mediterranean swordfish.
6 So, there may be some things at least on skipjack
7 for us.

8 Upcoming proposed rules to be on the
9 lookout for include Dusky Shark Amendment 5b and
10 then Shark Amendment 6. We'll have a progress
11 update on that tomorrow.

12 And then upcoming final rules would be
13 Bluefin Tuna Amendment 7, and then the
14 international port inspection and 2015 shark
15 specs that publish tomorrow.

16 This is something that we've talked
17 about before. My goal for the meeting in terms
18 of communication is one of no surprises where I'd
19 like everyone to know what's going on, what we're
20 up to, what you're up to, what you think of
21 things. That you walk out of here knowing
22 everything that we know, basically.

23 We look for you to listen and engage.
24 It's a discussion format so we need to hear from
25 you.

26 We ask that you then go back home and
27 share what you've learned here with your
28 constituents, folks that you talk to. And then
29 bring their ideas and yours back to us.

30 Our commitment is that we ensure the
31 fisheries are in compliance with all domestic and
32 international requirements, that we would raise
33 issues with you, both ones that we are directly
34 leading or aware of, things that may be of
35 interest or affecting you. And share that also
36 with the public.

37 To also listen and engage. Two-way
38 street. And then that we would make the
39 decisions considering your feedback. So,
40 hopefully that will be a good thing.

41 And then we've got -- it's a shorter
42 meeting, a full agenda, but I think we've got
43 enough time to cover the ground.

44 We continue to be quite busy both with
45 the regulatory and the operational schedules that
46 we have. But we want to make sure that we get it
47 right so please share your views. And I look
48 forward to the rest of the meeting.

1 So with that I will take any
2 questions.

3 FACILITATOR LEA: Yes, Mark. Is it
4 Mark? No, I'm sorry. I can't actually see your
5 card very well.

6 MR. RUAIS: Okay. It's Rich.

7 FACILITATOR LEA: Rich, okay.

8 MR. RUAIS: Margo, on the chart that
9 you had put up on the -- it is an echo, huh? --
10 on the swordfish updates, specifications and
11 landings.

12 It went by kind of quick, but I think
13 it looked like there was a trend the last three
14 years for a lower level of performance that by
15 this point at the year at least in 2014.

16 And I was wondering if some of the PLL
17 industry people could suggest what might be the
18 cause of that.

19 This year, for example, we've heard
20 that the price of bigeye has been pretty good.
21 And the bigeye availability has been pretty good.
22 Is that maybe having something to do with less
23 swordfish landings at this point in time?

24 Or also, one of the things we were
25 wondering is is there any kind of industry
26 initial reaction or planning to position
27 yourselves for implementation of Amendment No. 7.

28
29 Is there anything to be gained by
30 changing fishing strategies and production by --
31 before the Amendment No. 7? Or is it just a
32 reflection of more bigeye and good prices?

33 MS. SCHULZE-HAUGEN: Why don't we take
34 that in Amendment 7 since that seems to be a
35 question for other members of the panel instead
36 of for me.

37 FACILITATOR LEA: Other questions or
38 comments regarding the various updates that
39 people have? Yes, Sonja.

40 MS. FORDHAM: Thank you. Sonja
41 Fordham, Shark Advocates International.

42 I just had a couple of questions about
43 dusky sharks.

44 First of all, just a clarification.
45 If the pending ESA petition, if you only have one
46 left, if that's the one from NRDC for threatened,
47 or if there's -- I can't keep track of whether
48 there's still one for endangered, or if you're

1 only dealing with a possible threatened listing.
2 And if you have any updates on the timing of
3 that.

4 And also, maybe a little bit more
5 information in terms of the timing of Dusky Shark
6 Amendment -- the new amendment.

7 I assume that the OMB flag means it
8 might take longer. But if you have any kind of
9 ballpark that would happen that would be helpful.

10 And then if the case is that we get to
11 the spring meeting and neither one has come out,
12 I just want to make another request for maybe --
13 you did this before -- a presentation specific to
14 the nexus between ESA and the amendment process,
15 and what might happen to, specifically to the
16 amendment, HMS amendment, if dusky sharks were to
17 be listed in terms of research and regulations.

18 So we did that before and it was
19 helpful, but maybe a little bit more information
20 specific to dusky sharks since that seems to be
21 the remaining one on the table. Thank you.

22 MS. SCHULZE-HAUGEN: So, the status
23 review is underway. And so then I believe that's
24 coming along. How that shakes out I don't know.
25 It's not done.

26 The interplay would be interesting.
27 And in terms of your question on whether it's
28 threatened or endangered, I think the agency
29 reviews the petitions. If there is a finding
30 that a petition presents substantial information
31 we do a status review and make a determination
32 regardless of what the petitioner asks for of
33 what we think is warranted. So threatened or
34 endangered or not.

35 It is also possible that we would go
36 through a status review process and conclude
37 listing is not warranted.

38 If listing is warranted as either
39 endangered or threatened there would be a
40 proposed rule for that. And then public comment
41 and a final rule similar to what we saw with
42 scalloped hammerheads.

43 Our actions related to Amendment 5b.
44 You know, we're right next door to the Office of
45 Protected Resources.

46 So we're in close communication on
47 timing, although the statutes are different, the
48 actions would be different. And so we would move

1 forward as appropriate.

2 OMB is a real wild card. And I --
3 yes. No. I don't have any idea.

4 FACILITATOR LEA: I see that Patrick
5 has a question or comment. And actually, that's
6 a good reminder. If you do want to get in on the
7 conversation, if you would just put your card up
8 like this that's a helpful indicator to let us
9 know.

10 MR. AUGUSTINE: Thank you. Margo,
11 with a follow-up to Rich's comment on bigeye.

12 We're hearing all kinds of reports of
13 great, great numbers of bigeye and yellowfin
14 being landed off of Montauk and all the south
15 shore of Long Island.

16 A large number of vessels going out to
17 the canyon and literally loading up and flooding
18 the market.

19 Hopefully the agency will be taking a
20 close look at the dealer reports to see if
21 there's a trend here, to find out if there's
22 going to be any negative effect on either of
23 those stock.

24 I know we haven't been watching them
25 very closely I don't think relative to stock
26 assessment. But there is a tremendous number of
27 commercial vessels going out there and doing
28 that.

29 I think the concern has been noted by
30 several of our guys that I know well who have
31 gone out there and said it's just a slaughter,
32 just a slaughter.

33 And it has to have a negative effect
34 on the stock somewhere along the line in addition
35 to the cost at the marketplace.

36 Right now the market, as Rich may have
37 mentioned, is high for bigeye and for yellowfin.

38 But again, I don't know how long that
39 can last and will it have a derogatory or
40 negative effect upon the stock.

41 So, will the agency be looking at that
42 for monitoring purposes to see if we have to take
43 some action in the future? Or will we do
44 anything at all?

45 MS. SCHULZE-HAUGEN: So, we do not
46 have country-specific quotas that cover the U.S.
47 for yellowfin. And for bigeye we're in a minor
48 harvester bucket. And so as long as we stay

1 below a certain level then we just, we submit our
2 data as we should to ICCAT.

3 These species are assessed at the
4 ICCAT level. The U.S. landings for yellowfin and
5 bigeye are fairly small compared to total harvest
6 in the Atlantic.

7 But I think we will watch it. I can
8 look into the reports of landings as you suggest.
9 And then I think it's at the international level
10 that measures would be developed as necessary.

11 FACILITATOR LEA: I see that Bob wants
12 to get in. But I just wanted to ask real quick.
13 The early part of Rich's question was whether
14 you're thinking bigeye had any impact on the
15 swordfish catches going on. Did you have any
16 thoughts on that?

17 MS. SCHULZE-HAUGEN: In terms that
18 swordfish landings would be down because bigeye
19 landings are up?

20 FACILITATOR LEA: Yes, that was I
21 think what Rich had asked in the early part of
22 his question before.

23 MS. SCHULZE-HAUGEN: I'm not sure. I
24 think, you know, a lot of -- price information
25 makes a big difference. I would hope they're all
26 up.

27 FACILITATOR LEA: Bob?

28 MR. HUETER: Thanks. Bob Hueter, Mote
29 Marine Lab.

30 I don't think this is coming up later,
31 Margo. This is on the international front.

32 Can you remind us what the status is
33 of the listing of foreign nations as being in or
34 out of compliance with U.S. shark-fishing
35 standards as required by the SCA 2010?

36 Has that been published? Is HMS doing
37 that? Is someone else doing that? What is the
38 status of that activity? Thanks.

39 MS. SCHULZE-HAUGEN: That's a good
40 question. We are not the lead on that. That's
41 the Office of International Affairs. I know that
42 they sent out calls for information.

43 But in terms of under the evaluation
44 of other country's measures comparing to U.S.
45 standards we're not directly involved in that.
46 So I can send an email and ask, but I don't know,
47 honestly.

48 FACILITATOR LEA: Other questions or

1 comments regarding the various updates? Andrew?
2 MR. COX: Margo, I don't know if you
3 addressed this or if you can quantify it, but the
4 amount of permits that were generated for that
5 swordfish general commercial permit.
6 How many people transferred from
7 either the recreational or acquired that new
8 permit last year after Amendment 8 became
9 effective? Do you know?
10 MS. SCHULZE-HAUGEN: So, there's not
11 a transfer.
12 MR. COX: Well, not a transfer
13 directly, but did you see recreational fishermen
14 acquiring that permit which was thought was going
15 to happen?
16 MS. SCHULZE-HAUGEN: So, I would need
17 to double-check and see what the latest numbers
18 are. But I think it hasn't been a landslide.
19 MR. COX: Okay. I just wasn't sure
20 how it all went.
21 FACILITATOR LEA: Other questions or
22 comments?
23 MS. SCHULZE-HAUGEN: Gosh, you're a
24 quiet group. I don't see our enforcement folks.
25 Rick's here. Frank is here. There's Frank.
26 Well, we can move ahead. Frank, I
27 think -- do you know if John is on his way?
28 Okay, so why don't we move to
29 enforcement updates and start with Coast Guard.
30 Hang on while I load that.
31 Okay, so we have Katie Moore who's
32 with the U.S. Coast Guard who couldn't join us in
33 person but is on the phone. So hopefully
34 everyone can hear. Maybe I'll point the mike
35 over to the phone.
36 So, Katie, why don't you go ahead and
37 tell me when to advance the slides.
38 MS. MOORE: Okay, sounds good. Can
39 you hear me?
40 MS. SCHULZE-HAUGEN: Yes, I think so.
41 MS. MOORE: Great. Well, thank you
42 for the opportunity. What I'm doing is
43 backfilling for our Lieutenant Commander
44 Elizabeth Buendia to give our standard
45 enforcement report.
46 This gives information for our fiscal
47 year '14 year to date. I start off with
48 information on our level of activity and then I

1 go into the results, what we did get for it.

2 I'll talk more about some of our
3 longer-term studies and our interagency and
4 international engagement.

5 If you'd like me to stop just let me
6 know. I'll try to pause between slides.

7 And again, my name's Katie Moore. I'm
8 with the U.S. Coast Guard Atlantic Area. My role
9 is the Living Marine Resource Program management.
10 And thank you very much for having us.

11 So, slide 2. This describes the level
12 of resource hours that we have expended to
13 domestic fisheries enforcement overall, not just
14 limited to highly migratory species.

15 As a comparison to Fiscal Year '13 we
16 are slightly decreased from where we were. So,
17 in Fiscal Year '13 we had slightly fewer aircraft
18 hours and this year we had slightly fewer small
19 boat hours to expend.

20 That's pretty good considering this
21 has been a very hard budget year for us. So
22 we're looking like we're on par with Fiscal Year
23 '13 generally.

24 Going into slide 3. This shows the
25 number of highly migratory species boardings that
26 we've done. It does not encompass the full year
27 obviously since it hasn't completed.

28 But what we've tried to show is the
29 number of fiscal year to date boardings compared
30 to other years.

31 As you can see, we are on a general
32 decline. But the rest of the month, the rest of
33 August and September might get us back up to 2013
34 numbers. But they are substantially lower than
35 Fiscal Year 2012.

36 So, as we stated previously, there is
37 some variability in our operating areas.

38 District 1 Northeast is tending to go
39 on a decrease of HMS boardings. But we've had an
40 increase in the Mid-Atlantic, increase in the
41 Gulf of Mexico and a slight decrease in the
42 Southeast.

43 If you look overall to the number of
44 boardings that Coast Guard has done we're
45 generally comparable to 2013. But that was about
46 1,400 less than 2012.

47 So, we continue to see impacts from
48 the budget issues. Our demand for boardings

1 tends to continually exceed our capability.

2 So, we do have concerns about this.
3 We're trying to look at how we can more
4 efficiently use our limited resources.

5 Slide 4 gives you an update on the
6 violations that were detected by the U.S. Coast
7 Guard. We've had a few of them.

8 The Southeast, November 13, Coast
9 Guard Cutter Gannet intercepted a fishing vessel
10 who were claimed for swordfish fishing. They
11 lacked the permit. On that particular voyage
12 there was no catch.

13 In the Gulf of Mexico in the same
14 month our patrol boat Heron ran across a vessel
15 that had 12 thresher shark fins without proper
16 carcasses. And they also had eight undersized
17 shortfin mako sharks. These were all seized.

18 In January in the Mid-Atlantic, which
19 is our District 5, the patrol boat Staten Island
20 detected a fishing vessel that failed to maintain
21 thresher and shortfin mako sharks in the proper
22 form and they also lacked the proper permit.
23 This catch was seized.

24 In the Gulf of Mexico in March our
25 patrol boat Razorbill detected a vessel that was
26 using -- actually, they had multiple violations
27 including gangion length, circle hook
28 discrepancies and incorrect hooks.

29 We had a late addition. This is not
30 on your slide, but in July in the Gulf of Mexico
31 our Station Sabine came across a vessel that had
32 four sharkfins illegally and that was seized. So
33 I just wanted to verbally relay that.

34 Now, we know that not all of the HMS
35 issues are domestic so on the next slide this
36 shows you the foreign fishing vessel activity
37 that we have been focusing on.

38 So, to give you a comparison, in
39 Fiscal Year '13 we had the same number of
40 detections which was 112. Foreign fishing
41 vessels that were seen actively in the U.S.
42 waters.

43 And actually, I'll clarify that. A
44 detection can either be the fishing vessel or it
45 can be the gear left behind by the fishing
46 vessel. But that's an indicator of illegal
47 fishing.

48 So all cases were detected in the Gulf

1 of Mexico which is typical. And this year we've
2 actually had a higher percentage rate of
3 interdictions.

4 So when we detect a (telephonic
5 interference) but an interception is a Coast
6 Guard act that's physically on scene with the
7 other vessel and there's a pursuit.

8 An interdiction is a successful
9 pursuit where we stop the vessel, we do a
10 boarding. So we've had a higher percentage of
11 interdictions this year which is good.

12 Looking at the next slide which is
13 number 6 we wanted to know what are we likely not
14 seeing out there. That's a tough question. So
15 we have engaged our analysis branch within the
16 U.S. Coast Guard to ask the question what don't
17 we see and what is its likely impact.

18 We've been on an approximately one-
19 year study to answer this question. The main
20 focus is on red snapper which is the other
21 species that is caught with the lancha gear.

22 So, in the results we came across that
23 we're probably only seeing about 12 percent of
24 the cases that are out there, which means that
25 there's probably over 1,000 incursions occurring
26 each year.

27 The impact of the snapper fishery,
28 pure estimate, is large and the results are
29 significant.

30 We believe that the study is still
31 likely underestimating the impact. As you can
32 see it is only focused on red snapper.

33 We're socializing those with small
34 fisheries, getting their input, and we anticipate
35 that the Law Enforcement Committee of the Gulf
36 Council will assist.

37 So the effort here really is to get a
38 grasp of what is the threat out there and how
39 successful are we in deterring and mitigating
40 that threat.

41 So we continue to refine and improve
42 this model. When we consider what are the
43 impacts to the sharks from the foreign fishing
44 vessel, going to slide 7, last fall you might
45 have remembered that there were several hundred
46 sharks that we caught in gill net and lancha
47 longline gear.

48 To date we have only caught 97 which

1 is an improvement but that's also just what we
2 have seen.

3 So, what we would like to do is fold
4 in the shark issue into this study to see if we
5 can get a better estimate of what the shark
6 impact is. That is what we continue to work on.

7 Slide 8 talks about some other ongoing
8 efforts. Since we can't solve the issue entirely
9 on the water -- we'd like to, but we don't have
10 enough assets to do that -- we continue to work
11 within the Coast Guard to establish a Lancha
12 Working Group which includes operators, members
13 of intelligence staff, legal as well as the
14 strategic program managers. And we have tried to
15 address how can we best put our limited resources
16 to this issue.

17 That result has led us to further
18 engagement with Mexico, the Department of Justice
19 and other regional partners. That includes
20 exchanging information, better intel exchange,
21 meeting with the U.S. Attorney's Office to talk
22 about what case evidence do they require to take
23 cases. Also working with general counsel in the
24 Southeast regarding the penalty schedule.

25 So we really are looking at this
26 holistically with an on-water presence, a
27 deterrent from the after -- process and their
28 fishermen are caught, if that can be a deterrent,
29 and trying to solve this both within the U.S. and
30 with Mexico.

31 Another thing we're trying to do is
32 look at how we can most efficiently put our
33 patrol boats and our station assets on the
34 threat.

35 So, we've been working with academia
36 to develop a Game Theoretic Fish Patrol Schedule
37 Model, due out in November, that puts our patrol
38 boats on the most likely spot where fishing
39 vessels are likely to violate federal
40 regulations.

41 And then finally, for those of you
42 that were here previously we had told you we were
43 working on Ocean Guardian which is our living
44 marine resources plan. It's now out and I'm
45 happy to mail a copy to anyone who would wish to
46 get one.

47 And on the next slide which is number
48 9 it includes my email address as well as my

1 colleague. So if anyone has any Coast Guard-
2 related enforcement questions I'm happy to take
3 them.

4 FACILITATOR LEA: All right. We have
5 one question from Pam Dana of the Gulf Council.
6 She has a question for Katie. And if anybody
7 else has questions we'll get to you guys as well.

8 MS. DANA: Thank you very much. This
9 is Pam Dana. I represent billet on the Gulf
10 Council.

11 It was a very interesting
12 presentation. For the on-boarding that happened
13 in the Gulf of Mexico, Katie, do you know where
14 they were located?

15 MS. MOORE: The violations that I
16 spoke of?

17 MS. DANA: Correct.

18 MS. MOORE: They -- well, there's
19 limited information I can provide for ongoing
20 cases. So I can check with NOAA law enforcement
21 on where they are with those cases so we don't
22 compromise them.

23 So the level of information I've given
24 was in consultation with general counsel.

25 MS. DANA: And I certainly understand.
26 I was just wondering if there's a certain area of
27 the gulf that's more active in violations,
28 perhaps, than others. That's one question I had.

29 And then the other was going back to
30 slide 6 and on the red snapper. And I just was
31 hopeful that you could explain a little bit more
32 on that slide what all that meant.

33 MS. MOORE: Well, to go back on your
34 first question, the lancha violations tend to be
35 very close to the border.

36 The other violations I would have to
37 run more of a GIS look to see. I haven't
38 considered that question before, if there's a
39 geographic hot spot for red snapper violations.

40 And on slide 6, what we did is we
41 looked at 2013, how many detections we had. And
42 then we looked at our level of Coast Guard
43 activity.

44 We tried to take that and using a
45 modeling approach go into if we had 100 percent
46 detection how many incursions would that be. And
47 then we took into account what is our likely
48 detection rate. We detected that to come out to

1 -- result into the 1,133 incursions.

2 So, this is based on our presence on
3 the water. And that's why we're socializing it
4 with the Law Enforcement Committee first because
5 we don't want to compromise our ability to do
6 enforcement. But that's why we're socializing it
7 there first.

8 The impact to the snapper was based on
9 the average pounds of snapper that were caught.
10 So that was an estimate. So we based it on one
11 snapper equals X number of pounds and we
12 multiplied that by the number of incursions and
13 the average number of snapper caught per
14 incursion. So -- and then the value which is
15 based on fair market value.

16 So, as you can see, the economics
17 involves some assumptions on fishing behavior and
18 it also involves modeling work.

19 So, it's an academic study that I
20 think Coast Guard is not necessarily the primary
21 SME on. That's why we're vetting it through NOAA
22 and the Law Enforcement Committee.

23 So we would definitely like feedback.
24 I would like other critters rolled into the
25 study. But I think even if it's used as it's
26 informative, that there's a substantial number of
27 incursions that we are not seeing, and even if
28 you place the value at half of that I would say
29 significant.

30 So it's to better inform the Law
31 Enforcement Committee and better inform
32 ourselves.

33 FACILITATOR LEA: Thank you, Katie.
34 This is Suzanne Lea, the facilitator here. We
35 have a couple of more questions here from the
36 group that's present in the room.

37 We have Rusty I saw has a question and
38 then Bob Hueter. So, Rusty, if you would go
39 ahead.

40 MR. HUDSON: Rusty Hudson, commercial.
41 My question has to do with slide number 5, the
42 photograph. I'm not sure if that's from this
43 year or last year, but the 41 sharks that appear
44 in that picture appear to be mainly male
45 blacknose if I'm reading my picture correctly.

46 And I just have been asking for
47 several years if the Coast Guard has been doing
48 species-specific ID on sharks yet.

1 It would also be nice to have the
2 whole weight so that we can use it in a stock
3 assessment. If these are blacknose then
4 blacknose is an unknown status in the Gulf of
5 Mexico. So the next time we do some science with
6 that it might prove to be useful.

7 But again, are you doing total weights
8 on the shark as well as head count? And is this
9 picture from 2014? That would be 41 over 97
10 sharks intercepted so I can see the values that
11 you've got up there is built off the red snapper.

12 But that question is the one that I
13 have. Are we going to be able to have data from
14 the Coast Guard to use in future science? Thank
15 you.

16 MS. MOORE: That's interesting.
17 Thanks for your question. It's an old recycled
18 picture. So that was not Fiscal Year '14.

19 We are doing species ID to the best of
20 our ability. We are not weighing sharks. That
21 is just something that's very difficult to do at
22 sea, and retaining the catch and bringing it back
23 isn't always very conducive to our patrol.

24 So that is an issue that I brought up
25 with our Gulf of Mexico folks and it looks right
26 now like we're still just going to focus on
27 prioritizing identification.

28 So, in the past what we've done is we
29 broke down the number of sharks detected in
30 lancha gear. We've broken that down by species
31 and given you numbers. And I can make that
32 recommendation that we do that again for the next
33 report.

34 MR. HUDSON: Did she say that she'd
35 also start monitoring the sex of the sharks since
36 they're in whole condition? Because that's very
37 useful.

38 MS. MOORE: That issue I don't believe
39 has gained traction. I can talk to the HMS staff
40 more about it to see if that's something
41 realistic that we could do.

42 FACILITATOR LEA: All right, thank
43 you. And Bob Hueter also has a question.

44 MR. HUETER: Hi, Katie. This is Bob
45 Hueter from Mote Marine Lab.

46 My question is also about the Mexican
47 lancha illegal fishing. I guess it's too early
48 to conclude that the shark catch in that illegal

1 fishing is going down, but you presented some
2 information that looks like it might be.

3 I'm just wondering if the Coast Guard
4 has detected any kind of a shift in the type of
5 gear that these lanchas are deploying such that
6 they would be doing less drift gill nets, which
7 was very predominant in the past, and more hook
8 and line that would be targeting things like red
9 snapper as opposed to the sharks.

10 MS. MOORE: Hi, Bob. I'm sorry, some
11 of that was -- I couldn't hear all of it. But
12 the question that I did hear, please correct me
13 if I'm wrong, is has there been an analysis of
14 the type of gear used and has there been any
15 shift in the typical type of gear used by
16 lanchas?

17 MR. HUETER: Yes, that's correct.
18 Have you seen any kind of a shift that would
19 change the catch of sharks and snapper in
20 different proportions? Has a shift been from
21 something like gill nets to hook and line more
22 often in this fishery of late?

23 MS. MOORE: It's a good question. We
24 continue to have both gill nets and longline
25 detected. I'm not sure if we've analyzed it to
26 that level, if the percentage of one gear is
27 different this year.

28 So I can engage our intel folks and
29 see if that's something we can do. I don't have
30 it available now, but I will say that we do
31 continue to see both types of gear. I'm not sure
32 of any changes in relative proportion from year
33 to year. I'll look into it more.

34 FACILITATOR LEA: And we also have one
35 more question from Ron.

36 MR. WHITAKER: It's Rom like Romulus.

37 FACILITATOR LEA: Oh, okay. Sorry.

38 MR. WHITAKER: Yes, Katie. I run a
39 charter boat off Hatteras, North Carolina. And
40 was fishing out in the middle of June and it was
41 blowing 20 knots. Sea conditions were 4 to 5
42 feet and there was a Coast Guard vessel boarding
43 that day.

44 In my opinion it was too rough to be
45 boarding for safety reasons, hurting somebody,
46 and also damaging our boats which we spend, well,
47 you can spend up to \$20,000 on a paint job.

48 I guess my question is, and I'm sure

1 the commercial fleet could add to that, at what
2 point, you know -- I mean, if I were to refuse a
3 boarding my constituents wanted me to ask what
4 would happen?

5 I mean we do -- once we get inside the
6 inlet we go within a half a mile of a Coast Guard
7 base with four vessels any one of which are
8 welcome to board me at any time in the calm
9 water.

10 I guess my question is what happens if
11 you refuse a boarding?

12 MS. MOORE: I got some of it. It
13 sounds like it was you thought that it was an
14 unsafe day to do a boarding and that you believe
15 there were safety hazards involved.

16 And the question is what weather
17 criteria do we operate under to do a boarding and
18 when can you say no. If you say now what's the
19 impact on you? Was that the question?

20 MR. WHITAKER: Yes, exactly.

21 MS. MOORE: Okay. I don't know that
22 answer. But I can look into it, and if you don't
23 mind I can work one on one to see that particular
24 incident.

25 But I do know that it does depend on
26 the cost and it depends on the Coast Guard
27 platform. Each of our platforms has different
28 safety standards in terms of what sea states we
29 can operate on.

30 But I understand that Coast Guard and
31 the fishing vessel may have different opinions as
32 to what is safe.

33 So, I would value your feedback. And
34 if you could either email me or I will contact
35 you directly to talk more about it, that would be
36 helpful.

37 MR. WHITAKER: Okay. Yes, I would
38 like to be able to give them some type of answer.
39 So yes, thank you.

40 MS. MOORE: Thank you.

41 FACILITATOR LEA: All right. I don't
42 see any more questions for this segment. And I
43 know we have some other updates for the law
44 enforcement end of things.

45 Okay, so whoever would like to go next
46 with the law enforcement updates.

47 MS. SCHULZE-HAUGEN: Thank you, Katie.

48 FACILITATOR LEA: Thank you.

1 MR. REGHI: Okay, good morning,
2 everybody. My name is John Reghi. I'm a special
3 agent with NOAA Fisheries Office of Law
4 Enforcement assigned to headquarters.

5 I have Frank Sprtel, attorney advisor
6 with General Counsel Enforcement Section, and I
7 also have Kelly Spalding who's also seated in the
8 back of the conference room today. She's our VMS
9 program manager also assigned to OLE
10 headquarters.

11 We're going to give you a brief update
12 today regarding general counsel enforcement
13 operations and also a little bit on the VMS
14 proposed rule that published yesterday.

15 After speaking with general counsel we
16 don't have a whole lot of Notices of Violation
17 Assessments that we can discuss today.

18 There are a couple that were
19 reconciled by the divisions. But basically we do
20 have enforcement information. It is available,
21 it is posted to the web for you. It does cover
22 the National Penalty Policy, charging
23 information, National Summary Settlement Schedule
24 and the ALJ decisions and the procedural
25 regulations.

26 And there's the hyperlink to the
27 website. You can see that enforcement
28 information is listed off on the lefthand side.

29 And there's a screenshot of the
30 enforcement administrative decisions. And it
31 scrolls all the way down to 2013.

32 Now, starting with the Northeast
33 Division we did have one Notice of Violation
34 Assessment in the Northeast Division.

35 That was issued in the amount of
36 \$2,000 and was issued to the owner-operator of a
37 Montauk, New York-based charter vessel.

38 The operator prevented contracted HMS
39 observers and data collectors from collecting
40 trip data. That conduct spanned several years
41 and impacted the duties of at least three
42 observers. Respondent was warned on prior
43 occasions but failed to comply.

44 Also under investigations we have
45 Massachusetts Environmental Police Officers
46 operating under OLE's Joint Enforcement Agreement
47 Program.

48 They conducted a boarding and

1 inspection. That was of a commercial fishing
2 vessel in Boston. And they located 33 yellowfin
3 tuna which did not meet the minimum size
4 requirement. The illegal catch was seized
5 dockside by responding OLE special agents.

6 Also under patrols and monitoring
7 inspections we had an enforcement officer work
8 with New Hampshire Fish & Game and New Hampshire
9 State Patrol screening commercial carriers on the
10 New Hampshire -- on the interstate between
11 Massachusetts and Maine.

12 They inspected 15 vehicles with
13 seafood products. Four dealers were found to be
14 operating without a valid New Hampshire wholesale
15 dealer's license.

16 And the dealer license is required for
17 companies within the state dealing seafood
18 products, or out-of-state companies dealing
19 seafood products within the state.

20 The species impacted consisted of
21 lobsters, Atlantic tuna, swordfish, scallops,
22 haddock, pollock, cod, halibut, clams and other
23 farm-raised species.

24 New Hampshire Fish & Game officers
25 will follow up with the dealers who were in
26 apparent violation.

27 Also, we had a NOAA Enforcement
28 officer inspect a seafood dealer in Norfolk,
29 Virginia, who was purchasing and distributing
30 various types of HMS, including tiger sharks,
31 bull sharks and yellowfin tuna. No violations
32 were detected.

33 Also, under compliance assistance we
34 had enforcement officers conduct education
35 outreach at the North Atlantic Shark Tournament
36 that was held in New Bedford, Massachusetts.

37 Three sharks were landed over the two-
38 day tournament and the winning catch was the mako
39 that weighed in at 282 pounds.

40 We also had enforcement personnel,
41 they were interviewed by a reporter from the
42 Baltimore Sun concerning seafood fraud
43 investigations.

44 And we also had staff conduct Joint
45 Enforcement Program training in Hingham,
46 Massachusetts. And that was for highly migratory
47 species regulations, lobster management and
48 protected resources gear demonstrations.

1 Shifting to the Southeast Division.
2 General counsel issued again a NOVA penalty in
3 the amount of \$40,000.

4 That was to an importer that
5 repeatedly failed to obtain permits to import
6 swordfish. And the special agents initially
7 issued a written warning to the company but the
8 owner did not comply.

9 We also had a special agent assist the
10 Coast Guard boarding team that inspected a state
11 registered and federally permitted shark vessel
12 offshore of Venice, Louisiana.

13 They had unattended bottom longline
14 gear that was retrieved and found to have illegal
15 hooks attached. And the vessel was cited for
16 illegal hooks in violation of sea turtle release
17 and mitigation equipment regulations.

18 Also, OLE initiated an investigation
19 concerning an individual who sold a
20 recreationally caught swordfish that was to an
21 HMS dealer.

22 Both the fisherman and the dealer were
23 under the incorrect assumption that the rules had
24 changed, enabling the recreational caught
25 swordfish sale.

26 And the new general category
27 commercial swordfish permit had recently been
28 created for limited commercial sales. But the
29 daily bag limit in South Florida is set to zero.

30 We also had OLE respond to a complaint
31 concerning the owner-operator of a local charter
32 headboat in North Carolina. The vessel had been
33 ID'd by the headboat survey team at the NOAA lab
34 as failing to report any catch during 2013 after
35 conducting numerous trips.

36 Permits were also determined to have
37 been expired at the time those trips were taken.

38 We also had OLE respond to a complaint
39 concerning an individual of an offshore oil rig
40 that allegedly cut the jaws out of a large shark.
41 And OLE is working with Department of Minerals
42 Management to identify the platform and
43 enforcement partners from Texas Parks & Wildlife.

44 And also we had OLE's Joint
45 Enforcement Program. We had officers from
46 Florida Fish & Wildlife Conservation Commission.
47 They conducted a boarding inspection of a
48 commercial fishing vessel that was located within

1 the longline and buoy gear restricted area.

2 And upon approach the crew members
3 were observed throwing gangions, bait and fish
4 overboard after the officers activated the patrol
5 vessel's blue lights.

6 FWC escorted the vessel back to port
7 upon OLE's request to terminate the voyage and
8 OLE seized approximately 2,100 pounds of catch.

9 Also in Southeast we had OLE special
10 agent and a Fish & Wildlife Service refuge
11 officer. They responded to the vessel accident
12 that happened outside of Key West after hearing a
13 radar distress call concerning a vessel collision
14 with injuries.

15 OLE and Fish & Wildlife responded at
16 the scene and they secured the scene and provided
17 assistance.

18 Also with compliance assistance and
19 outreach we had an enforcement officer conduct
20 outreach with shark dealers in Venice, Louisiana.
21 OLE provided guidance on gear requirements which
22 included sea turtle release equipment.

23 As far as headquarters operations we
24 are moving forward with e-dealer reporting
25 requirements, and we're issuing summary
26 settlements in the penalty amounts of \$1,000.
27 Nine thousand dollars so far has been recovered
28 in fines. And we've issued over 20 summary
29 settlements so far.

30 We do have a story posted to the OLE
31 website. And there it is.

32 And then VMS program, the proposed
33 rule that published yesterday. And that's about
34 all the enforcement updates we have today. Any
35 questions?

36 FACILITATOR LEA: I'm sorry. Patrick.
37 Sorry, go ahead.

38 MR. AUGUSTINE: A related question.
39 We have some divers out at Montauk who have now
40 gotten into spearing mako sharks. And wondered
41 if other states are experiencing the same thing.

42 I understand that regulation calls
43 that you cannot legally do that. I was going to
44 ask Margo earlier whether or not ASMOC has a
45 joint reflective regulation. They've accepted,
46 all the states, that they will comply with HMS
47 regulations.

48 A question is whether or not all of

1 the states have implemented those regulations. I
2 should ask you to ask that of ASMOC.

3 I'm aware that our local enforcement
4 people have been after two divers now for quite
5 some time that have recently been charged fifteen
6 grand for striped bass spear-fishing.

7 And there's a very, very acute
8 sensitivity for enforcement guys out there to go
9 check on this particular group.

10 The concern is that every time an
11 enforcement officer approaches one of these folks
12 they back away and say talk to my lawyer.

13 The situation is tentative now to the
14 point where other fishermen are complaining that
15 these divers are now engaging in something that's
16 pretty dangerous.

17 And I've called Scott Doyle's office
18 and he's notified our local guy, Todd Smith, to
19 take some action.

20 But this guy is a scofflaw guy.
21 Anything that's legal to sell he will go about
22 spearfish fishing. Records show it.

23 He's been on the internet with his
24 first mako that he speared. It was slightly over
25 54 inches. And the second one was something in
26 excess of 150 pounds.

27 So I want to put this on the public
28 record in front of this group so that maybe one
29 of you have an idea, including yourself, John, as
30 to how we go about going after this perpetrator
31 who believes he's above the law.

32 And do it in such a way that we don't
33 make it so tough on our law enforcement guys
34 locally to get support from fishermen who are
35 seeing this illegal activity going on and
36 reporting it.

37 So, I don't know if you have any ideas
38 how we go after a guy like this. Whether you
39 just take the idea back, talk to Scott Doyle's
40 office and do something about it.

41 But this is a situation that quite
42 frankly in my humble opinion has gotten out of
43 hand. Here are divers that are spear-fishing for
44 mako sharks. And if you've ever fished for mako
45 you really don't want to get too close to their
46 mouths let alone their tails.

47 So, if you have any ideas how we could
48 address this issue we can talk about it offline,

1 or if you want to make some suggestion online I'd
2 appreciate it.

3 MR. REGHI: Yes, certainly. Thanks
4 for your comments and your concerns.

5 Again, always, please keep the ongoing
6 productive dialogue going with the OLE offices.
7 I think this would also bode well for education
8 outreach with some of the local diving groups
9 that are in the area.

10 But again, enforcement pressure,
11 keeping it up. And any information that you can
12 develop to help out OLE would be greatly
13 appreciated.

14 MR. AUGUSTINE: Just a follow-up for
15 a second. Would it be appropriate for you at
16 your next meeting with the OLE officers to bring
17 the subject up and possibly send out some data or
18 a sheet if you will describing what the
19 regulations are?

20 I do know our local guys, I think you
21 know them well, have said to me they weren't even
22 aware of the fact that they couldn't spearfish
23 sharks. So, maybe it's an education technique
24 that should come from your office on down to
25 them.

26 That would be helpful. I'd appreciate
27 it.

28 MR. REGHI: Yes, certainly. I'll be
29 contacting the Northeast Division and giving them
30 a quick summary of today's meeting. And also
31 I'll be briefing our Public Affairs officer at
32 headquarters too.

33 FACILITATOR LEA: It looks like we
34 have some other questions. I see Jason and I
35 think you said Dewey was your name? Okay. All
36 right, so Jason, you want to go ahead?

37 MR. ADRIANCE: Thank you. Jason
38 Adriance. Thanks for the presentation. I just
39 had two quick follow-up questions if you're
40 allowed to answer them for that bottom longline
41 shark investigation in the Southeast. What were
42 the illegal hooks and was that state or federal
43 waters? Or can you even answer that? Thanks.

44 MR. REGHI: I can't answer that. What
45 I can do is get some additional information and
46 let you know.

47 FACILITATOR LEA: And Dewey?

48 MR. HEMILRIGHT: Dewey Hemilright. Is

1 there any ongoing investigations with OLE on
2 targeting social media?

3 There was an incident at last year's
4 meeting that you had of targeting -- well, not
5 targeting, but social media commercial fishing
6 vessel that had shark fins detached from two mako
7 sharks beside a swordfish picture.

8 And will the same standards be used on
9 the commercial side, that apply to the commercial
10 side on the recreational side for the thousands
11 of marlins that are pulled out of the water and
12 the picture taken?

13 So you have two different avenues
14 here. You have the commercial man that's on
15 social media, on Facebook posting, and you have
16 the recreational industry with photos taken of
17 billfish out of the water.

18 Is there going to be the same
19 standards applied there? And is there any
20 ongoing investigations or pending litigation on
21 the recreational side for the same type of social
22 media photos?

23 MR. REGHI: Thanks for your question,
24 Dewey.

25 Regarding how OLE handles the
26 investigations, we do treat -- based upon the
27 facts and the law we do treat all investigations
28 the same, or we make every effort to.

29 Regarding social media the floodgates
30 are open now. We have YouTube, we have Twitter,
31 we have all sorts of media where informational
32 leads come in.

33 When we're looking at a video, or
34 online, or a posting to Facebook, or one of the
35 other popular websites you have to ask yourself
36 first what is it. It's a photograph. And then
37 we have to work back there.

38 Usually the easiest way is to work
39 back to the person that posted it, get additional
40 information. You don't know exactly what it is,
41 where the photo was taken and things like that.
42 And all those are very important and factor into
43 the investigative process.

44 We are not targeting social media per
45 se. So I don't want to give the impression that
46 we have people just sitting in the office and
47 scanning YouTube and searching the internet all
48 day long.

1 But we do have complaints referred to
2 us by programmatic staff with National Marine
3 Fishery Service and we try to respond to those
4 when resources, you know, as they are available.

5 And we do have some investigations
6 that are ongoing right now based upon what
7 appeared to be at first blush a possible
8 violation, either in a posted photograph or in a
9 video.

10 FACILITATOR LEA: Thank you. And it
11 looks like we have a question from Bob. Go
12 ahead.

13 MR. HUETER: Bob Hueter, Mote Marine
14 Lab.

15 I just want to follow up to Dewey's
16 comment. And I don't know if I have a question.
17 Well, I'll form it in the form of a question.

18 This is an absolute epidemic. And this
19 is not just about marlin. This is about all HMS
20 and a lot of other species as well.

21 It's about sharks. It's about even
22 sawfish, endangered species sawfish.

23 YouTube and Facebook are now in my
24 opinion encouraging people to mishandle these
25 fish so that they can get video and photographs
26 online.

27 And I'm not sure that it would be a
28 terrible idea to have one of your people sit and
29 look at YouTube and Facebook all day and trawl
30 for these kinds of violations.

31 I've seen lots of violations, or at
32 least lots of mishandling. I think we need to
33 get much more serious about the
34 harassment/molesting/handling side of our
35 regulations and start to educate people that this
36 is not right to do things like drag sharks out of
37 the water onto the beach in dry sand and
38 everybody sit on it, get a picture, and then they
39 push the animal back in the water and it goes on
40 YouTube as a live conservation-oriented release.

41 So, let's see, how can I put this in
42 the form of a question. Do you sense that you
43 might have scope within your agency to start
44 getting a little bit more serious about this and
45 start making some examples of some of this and
46 inform people through those examples?

47 MR. REGHI: Yes, point well taken.
48 You know, the floodgates, like I said, are open

1 now on the information that's coming in. And
2 definitely I will bring that back to
3 headquarters, the possibility of assigning an
4 analyst to look at that stuff full-time.

5 But we also really rely upon our
6 partners with HMS and other offices in Fisheries
7 and yourselves included to please keep us posted
8 and in the loop.

9 We do have the 800 hotline number.
10 You've got email access to us to let us know.

11 And definitely too, my understanding
12 is that when OLE documents an apparent violation
13 they've had good success with YouTube taking
14 videos down because you want to stem the
15 popularity that's attached to doing illegal acts
16 such as that.

17 FACILITATOR LEA: And it looks like
18 Lisa has a question as well.

19 MS. GREGG: It wasn't just a question.
20 I just wanted to respond to Bob's comments a
21 little bit.

22 This is not just up to NOAA law
23 enforcement. This is up to state law enforcement
24 also.

25 Because NOAA has joint enforcement
26 agreements with a lot of states. And I know at
27 least with the State of Florida we have one.

28 And with Florida Fish & Wildlife
29 Commission we do have a section within Law
30 Enforcement that does target social media.

31 And we do, actually it's more
32 recreational than commercial I would say because
33 they seem to post those a lot more. Recreational
34 fishermen seem to post things like that a lot
35 more often.

36 And so we -- and I know you're aware
37 of a lot of the shark articles that have come
38 out, especially in southeast Florida, and shark-
39 handling, and sawfish-handling, things like that.

40
41 So we do as a state enforce and do
42 investigations based on social media.

43 And like you said we do have a lot
44 more success with getting things taken down and
45 reducing the views and that does help a lot.

46 But I do want to say that it is
47 partially states' responsibilities also.

48 FACILITATOR LEA: All right. If -- I

1 don't see any other questions or comments. Oh,
2 okay. Now I do. Jeff.

3 MR. ODEN: Yes. At the last HMS
4 meeting A.P. you know was a friend of mine who
5 was kind of maligned I thought in this room by
6 enforcement's rendition of what actually
7 happened.

8 And anyhow, to Dewey's question here
9 about the parity between enforcement actions. I
10 mean, I actually brought it up to my friend who's
11 in this room and will address the prior
12 accusations today at the public comment. At
13 least I hope he does.

14 But you know, again, as Dewey said,
15 you know, you can pick up one saltwater sportsman
16 or sports fishing magazine and see marlin, you
17 know, people smiling. And you know, I mean
18 that's fine as long as it's legal. But it isn't.

19 And to the same effect that my friend
20 got taken. And again, there was an infraction
21 and the fins were cut off, but they were with the
22 corresponding carcass in that particular issue.

23 Anyhow, that was not the way it was
24 conveyed. But still, he was wrong to cut those
25 off. It was an old schoolmate, an old-school
26 shark fishery mate that had done it and didn't
27 really know that there was a new law.

28 Okay, that aside, the fact that I'm
29 not hearing any of the people there in the
30 saltwater sportsmen that might have been holding
31 up a billfish. I don't see them on this notice
32 here.

33 And I just don't see the parity in
34 this. And it seems like it's consistently the
35 industry that pays the price.

36 Anyhow, I just had to convey that.
37 Thanks.

38 MR. REGHI: I'll say a point well
39 taken. There can be the misperception or the
40 perception that the commercial sector is
41 scrutinized more heavily because you're operating
42 under federal permits and that's what law
43 enforcement does. We have a job to do and you're
44 a responsible and respectful part of that job
45 that we do.

46 And regarding the recreational side,
47 again, staffing levels are -- do factor into our
48 ability to respond on certain things.

1 So as we all work together to protect
2 the stocks, you know, it's a delicate balance and
3 a delicate dance to try to balance all of that
4 out to make sure that no one single group -- no
5 one group is singled out. Thanks.

6 FACILITATOR LEA: Bob?

7 MR. HUETER: Yes, Bob Hueter. I don't
8 want to beat this issue to death, but I just
9 wonder, John, from your perspective is the
10 problem in this area a lack of clarity on the
11 actual rules?

12 And it's so gray as to what
13 constitutes mishandling or molestation or
14 whatever the terms are that are used in the
15 regulations.

16 Would you be happier if we just had a
17 "don't take the fish out of the water" rule for
18 these kinds of situations in the recreational
19 fishery? Would that make it easier for you guys?

20 MR. REGHI: That's a very good
21 question. And it is a problem. And with a
22 problem as complex as that usually making it
23 bigger is a good thing.

24 So I would actually want to ask the
25 question and pose the question what would the
26 group think of that? There are a number of
27 stakeholders on the programmatic side, fishery
28 side, enforcement side and your side that are all
29 weighing in on this too.

30 MR. HUETER: Well you have my vote for
31 that. I know I can't vote but you have my vote
32 for that approach.

33 Yes, I think it would make it clearer
34 because there's no clarity in these rules either
35 -- well, maybe Lisa will say there is clarity on
36 the state level. I'm not sure.

37 But it seems to me I see so much, a
38 whole spectrum of ways of handling these fish.

39 And again, somebody is going to say,
40 well, it's just a tiny percentage of the number
41 of fish and possible mortality in the stocks.

42 But it's on social media. It has a
43 tremendous social impact. It's teaching kids
44 that this is the way to handle these fish. And
45 yet the post-release mortality is probably very
46 high in many of these cases when people are doing
47 this to these animals.

48 So it seems to me just leave the fish

1 in the water could be a very clear rule. You can
2 take all your photos of the animal in the water,
3 get down next to it, whatever.

4 But if you see a picture of an animal
5 out of the water then you guys act.

6 MS. SCHULZE-HAUGEN: So, I wanted to
7 jump in. We do have that regulation on the books
8 now. For HMS animals are not supposed to be
9 removed from the water.

10 I think where we could do more and I
11 think where you all could really help is in the
12 outreach of that. As you're going to
13 tournaments, as you're running tournaments, as
14 you're going to clubs you all can help share that
15 message.

16 And if you have suggestions for places
17 where we could provide informational little
18 things for brochures that people would take and
19 put in, you know, we're happy to do that as well.

20 We can work on camera-ready inserts.
21 I don't think we can pay for them as an
22 advertisement but if there is space available and
23 someone's willing to do it we can provide
24 something that would be informational.

25 And I just wanted to note some of the
26 language, harassment, molestation, things, those
27 are very specific terms for marine mammals and
28 endangered species.

29 And so when we're talking about kind
30 of general fish stuff we don't really want to mix
31 those terms. So just clarification.

32 FACILITATOR LEA: And also we'll have
33 some more time in the afternoon to talk about
34 other recreational types of guidelines that you
35 all are seeking.

36 So, let's see. Scott?

37 MR. TAYLOR: I just want to address
38 one quick thing that really had to do sort of
39 with what Jeff was talking about with the
40 incident.

41 And something that we've kind of come
42 up with from the standpoint of trying to work
43 with enforcement down there in the Southeast
44 region that we've been very active with because
45 of some of the black market swordfish activity
46 that goes on down there.

47 And I think that really what the issue
48 is is that we have these laws and regulations.

1 And sometimes the commercial sector, a violation
2 like that, while it was a clear violation of
3 removing the fins, that sometimes it's hard to
4 separate without necessarily practical fishery
5 knowledge the difference between the application
6 of intent of a law and the pure application.

7 And speaking to several of your
8 officers in some of the cases that have been
9 tried to be made usually the cases that get made
10 are the ones that have a technical implication
11 for what goes on.

12 In this particular case where there
13 was the finning activity if the fins had matched
14 the cores that were onboard the vessel, which
15 they did, while the law clearly speaks to the
16 fact that we shouldn't be finning -- that the
17 commercial activity should not have finned the
18 fish and that was a technical violation, clearly
19 there wasn't intent to remove fins in order to
20 acquire more fins than what the animals were
21 onboard for.

22 And so the only thing that I would --
23 the point I guess that I'm trying to make, and I
24 tend to be long-winded, but the point that I'm
25 trying to make is that OLE is essentially made of
26 enforcement officers and lawyers.

27 And that sometimes it might be helpful
28 from the standpoint of technical advice to choose
29 which cases that we want to make an example of.

30 And the cases that we'd like to see
31 get made an example in the public sector where a
32 fish, for example, a black market swordfish goes
33 into a dealer that's not -- that has accepted
34 that fish.

35 And you can't really make the case
36 because you can't get a direct correlation
37 between a physical payment and the fish being
38 delivered.

39 It seems that it's this type of case
40 that generally gets made rather than the one that
41 you really want to set the example for.

42 And so I know it's a difficult job to
43 do, but we would ask at least from the commercial
44 sector that you sometimes need to examine the
45 spirit and the intent of what the purpose for the
46 law was.

47 And I think that was the point you
48 were trying to make, Jeff.

1 MR. REGHI: Thank you, that's a very
2 good point. As you mentioned earlier technical
3 violations do provide that bright line. You
4 know, go/no-go. Very easy to deal with.

5 A lot of the regulations do have that
6 -- it's open to interpretation. It's what's
7 considered the acceptable level of deviation from
8 the rule.

9 You have the rule and then you have
10 the actions that are involved in the apparent or
11 technical violation. And then you have to
12 consider what is considered the acceptable level
13 of deviation from the rule before you decide to
14 take an enforcement action.

15 Can you take education and outreach?
16 Can you utilize written warnings, summary
17 settlements, fix-it notices, things such as that?

18 A good question too is, you know,
19 because each law enforcement division, each
20 region has their own -- it's tough to apply it
21 nationally on certain levels because certain
22 fisheries don't lend themselves to that. Some
23 are critically threatened.

24 But we do try to be consistent with
25 how we treat everyone with similar violations.
26 That's very important and that's one of the
27 things that the special agents in charge are
28 looking at when the enforcement summaries are
29 written and the supervisors look at when the
30 cases come across their desk.

31 Why did this person get a summary
32 settlement and this person get a written warning
33 for what appears to be the same misconduct.

34 MR. TAYLOR: Can I follow up on that?

35 FACILITATOR LEA: Quickly.

36 MR. TAYLOR: And I guess that the only
37 point of that is that -- the point that we're
38 trying to make is that those technical violations
39 seem to always fall hardest on the commercial
40 guys.

41 And when you're going to set an
42 example for somebody that's trying to make a
43 living out there that it needs to be for what the
44 intent of the law was, not simply to send a
45 message for the sake of the message.

46 FACILITATOR LEA: Okay. I think the
47 point's well taken. And I see that you have a
48 comment but I'm going to give Marty a couple of

1 minutes.

2 And then we actually were ahead of
3 schedule but now we're a little behind. So I
4 want to make sure we get a break. And I know
5 there will be a lot of comment for Amendment 7.

6 MR. SCANLON: I do have a question as
7 far as down in the closed-box area down there,
8 off of Florida especially.

9 And it pertains to sword fishing. And
10 if there's any effort on your part to monitor
11 fishing vessels, recreational vessels leaving our
12 EEZ, catching swordfish and then returning into
13 our waters and landing those swordfish against
14 our U.S. quota.

15 Is there any effort on your part to
16 monitor that in any way? Is there any way you're
17 checking that?

18 MR. REGHI: The recreational sector,
19 that's difficult at this point due to staffing
20 and enforcement resources.

21 Again, when we're made aware of a
22 violation concerning that we will take action to
23 the extent possible.

24 But again, we don't have the benefit
25 of VMS for some of these.

26 MR. SCANLON: Would the implementation
27 of VMS machines on those boats that are carrying
28 those general category swordfish permits, would
29 that be of great help to you in monitoring that?

30 MR. REGHI: Again, that's a question
31 I'd like to pose directly to the experts in the
32 Southeast. And I can get back with you on that.

33 MR. SCANLON: Thank you.

34 FACILITATOR LEA: All right. So,
35 we're going to take about a 15-minute break. And
36 then we're going to start back up again at 11
37 talking about Amendment 7.

38 And there's snacks and things in the
39 area over here. You can like pay 10 or 15 bucks
40 for the day or a half day.

41 (Whereupon, the above-entitled matter
42 went off the record at 10:48 a.m. and resumed at
43 11:08 a.m.)

44 FACILITATOR LEA: All right, if we
45 could please take seats and get back on track. I
46 know there's a lot that people are going to want
47 to say about Amendment 7 so if folks could kind
48 of come back to the table we could get started.

1 MS. SCHULZE-HAUGEN: I would also like
2 to announce that Pat Augustine has graced us with
3 35 dozen cookies that are outside right out here.

4 So I know we're heading into lunch.
5 If you're starting to feel that blood sugar dip,
6 oatmeal, snicker doodle, chocolate chip, we've
7 got it, we can keep you going. So thank you,
8 Pat.

9 FACILITATOR LEA: That would explain
10 why there's many people in the corner.

11 All right, so it looks like we're kind
12 of getting back to it. So this is the Amendment
13 7 discussion.

14 So there's an hour and a half slotted
15 for it. But we know there may be a lot of things
16 folks want to get on the table. So if we need to
17 go a little over we could, but there's also lunch
18 that people will want to get to.

19 And Brad has asked that I remind you
20 that if you don't get everything down, one,
21 there's some paper in the back there that as you
22 go to lunch, come back from lunch, you have some
23 thoughts about Amendment 7 please put them up on
24 the board, the paper up there.

25 And also, Brad notes that he's
26 available for beers, dinner, anything like that.
27 So if you want to sit down with him and talk more
28 if we don't get to everyone here then we can do
29 that.

30 So I'm going to turn it over to him
31 and let him go through the presentation.

32 MR. MCHALE: Thank you. And just
33 regarding those notes on the back let's keep it
34 PG-13. And anything that exceeds that, I'll hear
35 that in person.

36 So, good morning, everyone. I'm
37 having a little bit of a Groundhog Day effect
38 here. Here we are once again talking Amendment
39 7.

40 As you're all I think aware that we've
41 released the final Environmental Impact Statement
42 associated with this amendment. So that's what
43 I'll be discussing and going through this
44 morning.

45 I'll try to keep it as concise as
46 possible. There's a lot of material there you've
47 all seen or heard if not at least once but
48 multiple times.

1 Because what I really want to do is
2 try to capitalize this window that we have here
3 prior to lunch to actually hear your voice
4 instead of hearing my own talk.

5 So getting into that again I'll be
6 sharing the final Environmental Impact Statement,
7 the preferred alternatives that the agency has
8 included in that, highlighting some of the
9 changes that have taken place from when this
10 impact statement has gone preferred, and then
11 give a very cursory background of kind of where
12 we've been and where we're trying to go.

13 So I think as everybody is aware as
14 we've been discussing this for years now is some
15 of the situations the agency and all of you and
16 the folks that you represent have been struggling
17 with how to address over the last number of
18 years.

19 How to account for bluefin tuna
20 mortality in our fisheries, how to limit that
21 mortality, how some of this mortality is related
22 to interactions, whether they be just
23 presence/absence of fish, or regulations that
24 could be contributing to that interaction level.

25 Some of the changes that have taken
26 place over time, whether it be recommendations at
27 the international level or rule changes here at
28 the domestic level.

29 And then some of the limitations that
30 we have on some of the fisheries as a whole.

31 So, I am hugely an opponent of death
32 by PowerPoint. But when I actually was preparing
33 this presentation it really struck me of kind of
34 where we've been in trying to map out the amount
35 of time that has been dedicated to some of these
36 issues, and trying to find solutions to some of
37 these problems.

38 So I'm not going to go through this,
39 but it struck me funny that we started this
40 discussion way back in June of '09 with the
41 Advance Notice of Proposed Rulemaking.

42 And then as you kind of march through
43 the last five or six years of whether it be white
44 papers, pre-DAS, pre-scoping, post-scoping, the
45 proposed rule, the 45 different extensions to the
46 comment period, the government shutting down as a
47 result of Amendment 7. The government picking
48 back up as a result of Amendment 7.

1 So I didn't want this to be lost on
2 everybody about the time and resources and
3 dedication that not only has the agency put in,
4 but also you around the table, and how that
5 hasn't gone unnoticed.

6 So, where do we go to from here. So
7 with the final Environmental Impact Statement out
8 on the street the next steps as far as in the
9 process are to do a Record of Decision as well as
10 the final rule.

11 And then we anticipate that at some
12 point this fall, within the next month, give or
13 take.

14 And then I think as you're all aware
15 whenever there's a final action then there's this
16 cooling-off period of 30 days for the most part
17 that goes along with those rules and regulations.
18 Unless any of them are put back off even further
19 with a delayed effective date.

20 And we've kind of articulated that
21 along this entire process, that given the time
22 and complexities of some of the measures in the
23 amendment there may be some of this delayed
24 effective dates.

25 As well as potential litigation time-
26 lines that go along with, or appeals if folks
27 have a different opinion of some of the
28 determinations the agency has made. We need to
29 allow for that time to take place.

30 And then just all the operational and
31 implementation components to it as well.

32 So, reflecting back on how the
33 proposed rule and the draft EIS played out. We
34 had, you know, about 190,000 different comments
35 submitted to the agency. Some of those were
36 letter campaigns if you will.

37 But out of all of it there was just
38 about 2,400 actual unique individual comments
39 that we had received.

40 I'm getting some serious feedback
41 there. And just let me know. I tend to be a
42 loud speaker so if folks can hear me. Can you
43 hear me now? All right, well, we'll work with
44 that and try to get it resolved as best we can.

45 So, in addition to all the comment we
46 did quite the road show as far as public
47 hearings, working with the different councils,
48 got up and down the coast.

1 I know Tom and I had a pretty
2 extensive travel there trying to get to
3 everybody's back yard as best we could to hear
4 folks' thoughts, opinions, likes and dislikes
5 regarding what we had proposed.

6 And some of the summary of the
7 comments. That's still available on the website
8 as well as all those materials that we had gone
9 over.

10 So, to touch on some of the objectives
11 that were leading us into Amendment 7. Obviously
12 preventing over-fishing, rebuilding resources,
13 operating within our overall TAC as recommended
14 by ICCAT.

15 Trying to optimize the ability for all
16 permit categories to harvest their bluefin tuna
17 quota allocations as well as accounting for all
18 sources of mortality that's taking place across
19 the fishery.

20 And in light of trying to account for
21 that mortality how do you reduce that mortality
22 as well so there's less actual accounting
23 necessary.

24 Some of the dynamics that will assist
25 the agency as well as everyone else is trying to
26 improve the timeliness as well as the quality of
27 that data, as well as a number of other aspects
28 as they relate to the FMP.

29 So as you'll recall we grouped a
30 number of these different management measures
31 into different categories. So there was a number
32 of different quota-related management measures
33 either looking at trying to recreate the
34 historical dead discard set-aside, or trying to
35 capitalize on unharvested quota.

36 How do you manage that in a realtime
37 fashion to provide opportunities to all the
38 various user groups and the challenges that
39 they're facing?

40 Again, how do you minimize those gear
41 and bluefin tuna interactions where they're not
42 necessarily desired? And looking at area
43 restrictions as a potential means to lowering
44 those interaction rates which then in turn could
45 result in dead discards.

46 Increasing accountability for all the
47 various categories and providing strong
48 incentives to avoid those bluefin tuna. So here

1 the individual bluefin tuna quota is a prime
2 example.

3 Again, improving the timeliness and
4 quality of the reporting. So whether that be
5 electronic reporting, VMS, or increased reporting
6 requirements on some of the hand gear fleets.
7 Trying to get a better handle what are some of
8 the post-release mortalities that may exist with
9 those gear types. And then ultimately optimizing
10 fishing opportunities where we can.

11 So, trying to get into it. Again,
12 you'll see some of the -- or you'll recall some
13 of these slides.

14 One of the preferred alternatives that
15 remain preferred from the draft EIS was this
16 codified reallocation.

17 And to briefly summarize this, this
18 was looking at all of the various domestic quota
19 categories and recreating that 68 metric ton set-
20 aside that at one point in time was a
21 recommendation from ICCAT and making that
22 allocation available to the category that had
23 documented dead discards. So the longline
24 category.

25 And so in the final EIS that
26 management measure has continued to be preferred.

27 The second quota-related alternative
28 that continues to be preferred although it has
29 been modified slightly is the annual
30 reallocation.

31 So, this is looking at the
32 person/category's activity in any given year and
33 then adjusting their base allocations downwards
34 based upon lack of activity, or conversely
35 increasing them as activity were increased.

36 The one major change that took place
37 from what we proposed was at the draft state we
38 were applying this at a category-level basis. In
39 the final we're actually looking at the
40 individual fishing platforms, applying the same
41 methodology of based upon your activity dictates
42 your quota allocation in the subsequent year.

43 So if you're on the sidelines your
44 allocations get ratcheted down and then that
45 allocation becomes available to meet other
46 management needs or fishery needs as a whole.

47 I guess a third item that I erred to
48 put a slide in here was also there are some -- a

1 preferred alternative regarding the reserve
2 category and having under-harvest be allocated to
3 that reserve category on an annual basis.

4 And then what are some of the options
5 that are available to utilize that category, that
6 reserve category allocation for. And I can touch
7 on that a little bit more maybe in some of the
8 comments and questions and answers.

9 Shifting gears to some of the
10 alternatives that we had proposed in relation to
11 area management.

12 One of the preferred gear-restricted
13 areas happened to be off the coast of North
14 Carolina. And this area actually too has been
15 modified from what we had originally proposed
16 based upon a lot of feedback that we received
17 from fishermen in the area regarding some of the
18 drifting dynamics that can take place in the
19 southeast corner of what was originally proposed.

20 And so what is preferred in the final
21 Environmental Impact Statement again has a slight
22 modification where the lower corner of the
23 original area has been eliminated to allow that
24 fishing to take place and that drifting dynamic
25 to operate.

26 Now, what was also proposed with this
27 particular area was providing conditional access
28 based upon our analysis of vessel interactions in
29 this area across various time frames.

30 We preferred to maintain that
31 alternative. So this was really looking at an
32 individual vessel-level metric of their bluefin
33 tuna interactions in regards to what sort of
34 targeted catch do they have, and what are some of
35 the ratios that exist there on a platform-by-
36 platform basis.

37 As well as looking at some of the
38 compliance metrics, whether it be with the
39 observer program or some of the timeliness of the
40 logbook submissions that are also associated with
41 each of those vessel platforms.

42 So again, trying to instill this
43 individual accountability versus just having a
44 flat-out closure area as an example.

45 And so we opted in the final EIS to
46 continue this as a preferred option that would
47 allow some level of access to this area based
48 upon those performance metrics.

1 The other area-based management
2 alternative that we had proposed was a gear-
3 restricted area in the Gulf of Mexico.

4 This was another alternative that has
5 been modified based upon what was proposed and
6 actually what has been preferred in the final
7 Environmental Impact Statement.

8 Some of the changes that have taken
9 place since the draft is that we included one
10 additional year's worth of information into our
11 analyses.

12 So originally it was looking at 2006
13 through 2011. We've since added 2012 information
14 as well as looked at some of the dynamics across
15 that time series where in the draft Environmental
16 Impact Statement in those earlier years, '06,
17 '07, there was more effort, more interactions in
18 the western part of the gulf.

19 And so in looking at some of those
20 trends we modified the gear-restricted area so
21 they extend, or shall I say have shifted further
22 to the east, but have been somewhat more
23 constrained both on the northern boundary and
24 that western boundary to reflect some of the
25 information that's coming in from those latter
26 years.

27 As well as looking at an area that is
28 just south of the upper portion of the Desoto
29 Canyon which seemed to be an area where
30 interactions seemed to be rather high where there
31 were going to be some savings that could occur
32 based upon this modified gear-restricted area.

33 So getting into some of the
34 alternatives that were originally preferred in
35 the proposed draft Environmental Impact
36 Statement. And then based upon additional public
37 comment, additional analyses, were no longer
38 continued as preferred. And two kind of fit this
39 bill the most.

40 One is providing general category
41 fishing opportunities to those pelagic longline
42 vessels that did not qualify to access the
43 Hatteras gear-restricted area.

44 We received a substantial amount of
45 comment on this, whether or not it was warranted,
46 whether or not it was equitable.

47 A prime example was comments of --
48 although folks acknowledged the benefits of

1 providing some sort of access to the area even if
2 the gear type was different, but then some of the
3 equity issues of not providing that same
4 opportunity to other folks in the fleet.

5 Or concerns regarding how different
6 quotas being accounted for, different quota
7 shifts, et cetera.

8 So, given all that kind of background
9 of feedback we opted not to continue that
10 alternative as preferred in the final
11 Environmental Impact Statement.

12 The second item was providing limited
13 conditional access to those preexisting closed
14 areas that were already on the books.

15 This alternative was preferred in the
16 draft as a mitigating measure for whether it be
17 IBQ-related impacts, gear-restricted area
18 impacts, et cetera.

19 But again, based upon some of the
20 feedback that we had received through the public
21 comment process, some of the logistics that are
22 associated with providing that conditional
23 access, some of the costs, limited resources, we
24 opted to not continue that as preferred in the
25 final Environmental Impact Statement.

26 And then continue to use preexisting
27 mechanisms to continue to explore gathering, say,
28 one of the prime drivers of that one was
29 attaining commercial information out of those
30 areas.

31 And then having an apple-to-apple
32 comparison versus some of the data that existed
33 prior to some of the gear requirements, whether
34 it be weak hook, J hooks, bait types, et cetera.
35 But those were the main two items that were no
36 longer preferred in the final Environmental
37 Impact Statement.

38 So, shifting gears once again. So we
39 talked quota in the grander scheme. Some of the
40 area management measures.

41 Now, getting down to some of the
42 individual accountability and getting at some of
43 the vessel management levels versus the fleet
44 management measures as they apply to our pelagic
45 longline fleet.

46 So here we continue to prefer this as
47 a management measure. And in essence what this
48 would do is taking a look at those vessels that

1 were, again, deemed active based upon a
2 definition of having made a set between 2006 and
3 2012 as well as actually having those permits
4 associated with a vessel as being that eligible
5 universe for the initial share and then in turn
6 some sort of quota allocation.

7 We continue to look at some of the
8 different area dynamics as they relate to, say,
9 the Gulf of Mexico versus the Atlantic.

10 And then in turn as well, say, the
11 Northeast Distant area was another area that
12 needed to be addressed.

13 And some of the shifting of effort of
14 whether Atlantic shares and allocation could be
15 harvested in the gulf or vice versa.

16 And as well as addressing some of the
17 international dynamics that are associated with
18 that Northeast Distant area where in the
19 amendment itself has kept that 25 metric ton set-
20 aside as a stand-alone whereas things are
21 currently preferred vessels would need a minimum
22 allocation to embark on a trip.

23 But if they happen to be conducting
24 sets in the Northeast Distant area all that
25 catch, whether it be discards or landings, would
26 be accounted for in that 25 metric ton set-aside,
27 at least until it was reached. And then some of
28 the individual dynamics would kick into play.

29 And we also opted to maintain some of
30 those minimum amounts that would be needed to
31 embark on a trip. And then in the Atlantic
32 that's still at that 0.125 whole weight level in
33 metric tons as well as in the Gulf of Mexico
34 would be a 0.25 given some of the average weights
35 that are encountered in those various geographic
36 areas.

37 And then also the acknowledgment that
38 as it relates to accountability, and increased
39 reporting, and an acknowledgment of what's
40 actually taking place, that not only landings
41 should be accounted for in the IBQ but those fish
42 that are dead at haul-back as well.

43 So, some of more of the logistics
44 associated with an IBQ. One would be that
45 provided a vessel had that minimum allocation to
46 embark on a trip they would be able to fully
47 execute that trip and then deal with any sort of
48 accounting at the conclusion of that trip.

1 And so if they happen to exceed
2 whatever that vessel's allocation was that's when
3 some sort of balancing the books would come into
4 play where they would have to either obtain
5 additional allocation through a leasing program,
6 or, say, some sort of in-season transfers if the
7 agency is involved from some of the reserve that
8 I mentioned earlier, before they would actually
9 be able to prosecute that subsequent trip. So
10 that dynamic has still held true, at least as how
11 it's preferred in the final.

12 We've also maintained -- to maintain
13 a leasing dynamic here for the short-term horizon
14 to be able to see what sort of market conditions
15 come into play before opening that up to any sort
16 of permit sales, whether it be of a share
17 percentage or of an actual allocation.

18 Trying to see how this sort of a
19 management program would come into play, what are
20 the pros and cons, and reassessing it before
21 actually making any sort of that permanent
22 transfer or sale provisions available.

23 And then some of the carryover
24 provisions. That there wouldn't necessarily be
25 carryover at a vessel level from one year to the
26 next at the end of the year.

27 And then there will be a whole litany
28 of different logistical items that would come
29 into play with just managing the system that
30 we're trying to work at in parallel of what are
31 the nuts and bolts of the system. How do folks
32 know what they have. How do they know what's
33 available.

34 And we can take some time and get into
35 those nuts and bolts as they're developing either
36 at this session or afterwards as well.

37 So, some of the changes that has
38 occurred based upon some of the fleet dynamics as
39 well as some of the vessel dynamics and including
40 that additional year is what do some of these
41 shares and then in turn the allocations shape up
42 to be as is currently preferred in the final
43 Environmental Impact Statement.

44 And so as you can see here the quota
45 shares currently stand at three different bins at
46 a 1.2 percent share at the high end, at a 0.37
47 percent share at the low end, and then the
48 equivalent tonnage that's associated with each of

1 those shares.

2 Now, these numbers have changed
3 slightly from where they were proposed and in the
4 draft. And a lot of it has to do with the
5 universe of recipients of those shares where --
6 whether you're looking at that metric of who made
7 at least one set.

8 And combined with the numbers in the
9 draft EIS the universe was standing at about 161
10 vessels that we were distributing or applying
11 this allocation to. Where in the final
12 Environmental Impact Statement that fleet number
13 is now about 135 vessels.

14 Another item that is as it was
15 proposed as well as in the draft is some of the
16 enhanced reporting requirements.

17 So this is getting at some of the
18 realtime monitoring, whether it be reporting
19 requirements at a set level via VMS or
20 instituting some level of electronic monitoring
21 in the fleet.

22 So this is kind of monitoring haul-
23 backs and having sensors, et cetera, that are
24 working off the drum to see what sort of catch is
25 taking place realtime.

26 And using that sort of information
27 more as an auditing mechanism of what's actually
28 being reported in either the VMS, or in the
29 logbooks, or in the actual observers that are
30 being deployed, getting at that level of
31 accountability of what's actually taking place on
32 the water, and refining the information the
33 agency has to make educated management decisions
34 upon it.

35 The same reporting requirements would
36 also be applied as proposed to the purse seine
37 category. Again, very same dynamic. Some
38 reporting requirements associated with the sets
39 as well as the catch information that's taking
40 place in that particular fishery in more of a
41 realtime fashion.

42 As well as getting at some additional
43 information from our hand gear fleets, primarily
44 the commercial hand gear fleets, the general
45 category, harpoon category.

46 Which would be, not only do we collect
47 the landings information, say, from the dealer
48 reporting, but also looking at some of the catch

1 information that currently isn't being assessed
2 across the entire fleet.

3 And so where for those charter vessels
4 and recreational vessels we kind of have a
5 voluntary reporting requirement of reported
6 catch, fish that are released alive, fish that
7 are released dead, kind of expanding that sort of
8 dynamic out to the entire fleet, trying to break
9 ground on equity, as far as information that's
10 being collected, regardless of the gear type a
11 U.S. fisherman is using to either interact with
12 bluefin or actively pursue them.

13 The other item that has stayed status
14 quo from what we preferred was trying to
15 introduce some flexibility, as it relates to the
16 general category time period subquota management.
17 And what we've observed over time is some of the
18 limitations that can take place at the beginning
19 of the year based upon how the quota is managed
20 on a fishing year basis.

21 And ultimately what this management
22 measure would do is allow us, the agency, to move
23 quota from late in the year to earlier in the
24 year based upon some of the fishing patterns that
25 we observe, as well as acknowledging some of the
26 dynamics of where a quota that isn't harvested
27 earlier in the year automatically rolls to the
28 subsequent time period.

29 So you have this snowball effect that
30 can take place throughout the year on the
31 assumption that time period subquotas aren't
32 harvested in full. So as a mechanism to provide
33 additional fishing opportunities earlier in the
34 year, versus having these kind of hard and fast
35 curtains that could drop when fish are still
36 available, but yet there's ample quota at the end
37 of the year. How do you try to optimize some of
38 those fishing opportunities for that particular
39 category.

40 Along that same line of trying to
41 optimize fishing opportunities one of the
42 measures, as it relates to the harpoon category,
43 was trying to instill flexibility in being able
44 to move retention limits both upwards and
45 downwards.

46 We have this authority with some of
47 the recreational as well as the general category
48 retention limits. And primarily trying to

1 institute that same level of flexibility as far
2 as the number of large, mediums that could be
3 harvested on any given trip where currently it
4 was hard-coded at the four fish per day. So
5 again, trying to instill flexibility.

6 For those that were interested in some
7 of the trophy fishery dynamics as it related --
8 if you recall that the north-south line there at
9 39 degrees is where the current north-south line
10 is. We've heard a lot of feedback that,
11 depending where you're at along the Atlantic
12 seaboard or gulf, that may not necessarily be a
13 true representation.

14 And when these very small quotas are
15 filled it may preclude fishing opportunities for
16 recreational fishermen that may encounter bluefin
17 tuna incidentally in the Gulf. And so we
18 continue to prefer in the final Environmental
19 Impact Statement to divide these trophy fishery
20 opportunities up into thirds. And thereby
21 allowing some of those incidental fish that are
22 taken in the Gulf to be retained, versus having
23 to become a discard.

24 Although they're few and far between,
25 again trying to get at how do you limit some of
26 the wastefulness and provide some equity across
27 the opportunities up and down the seaboard as
28 well as into the gulf for these trophy
29 opportunities.

30 One item as it relates to the purse
31 seine category that we had preferred at the draft
32 stage and continue in preferring here at the
33 final stage is adjusting the potential start date
34 of the purse seine category from July 15 upwards
35 to June 1. Again, trying to strike this balance
36 of give and take, trying to provide flexibility.

37
38 As well as with this particular
39 alternative it would be preferred that the agency
40 maintains its authority to readjust that date as
41 far back as the August 15 date, given some of the
42 gear conflicts and other dynamics that come into
43 play with the various fleets overlapping on a
44 particular start date.

45 Another minor item dealing with kind
46 of, just human error is right now we have a 10-
47 day window for folks to change a permit category
48 if they happen to make a mistake. We would kick

1 that out to 45 days. The killer really has been
2 over the years is if you have a commercial
3 individual that for whatever reason happened to
4 get a recreational permit, or vice versa, and
5 then all of a sudden that vessel is locked into
6 that category in the given year.

7 It's deemed a little too restrictive,
8 especially when it can mean somebody's platform
9 that they've historically either recreationally
10 or commercially fished on is now in a different
11 bin. And they really can't use that vessel,
12 their vessel, as they truly envisioned because of
13 some human error.

14 So trying to build in some buffer
15 there, but yet preserving the integrity of the
16 need to limit category changes of folks filling
17 one category, or trying to capitalize, filling
18 one category and then jumping into another.

19 And then some of the preferred
20 management measures as they relate to northern
21 albacore would be developing and implementing the
22 actual annual allocations in the codified
23 regulations, fully describing some of the carry-
24 forward dynamics that apply to that northern
25 albacore quota.

26 So items that we have already in place
27 for a lot of our other fisheries, solidifying
28 those in our regulations for northern albacore.
29 And then, again, some of the accounting
30 provisions both for over-harvest and under-
31 harvest.

32 So, as things stand right now with the
33 final Environmental Impact Statement, comments
34 can continue to be submitted on these preferred
35 measures for a 30-day window. So that actually
36 brings out to October 6 is when this comment
37 period would exist.

38 It is slightly different from, say,
39 the draft stage where there's a comment response
40 that we share not only in the final Environmental
41 Impact Statement but is also shared back in the
42 final rule, that this comment period doesn't have
43 that same requirement where each and every
44 comment must be responded to. So, I just wanted
45 to make sure folks were aware of that.

46 And I think ultimately comments are
47 being, although I have it listed here as Tom,
48 because he likes reading 188,000 comments, and

1 apparently he's now on the pipe and can't get
2 enough of it.

3 But ultimately I think these comments
4 are really submitted to Allan. But anything that
5 comes into the Division, whether it be the
6 Sustainable Fisheries Office, whether it be HMS,
7 whether it be the Gloucester office, all those
8 comments will be reviewed and shared amongst the
9 three of us in full to make sure there's no gaps
10 as far as where a comment is being sent and who's
11 actually getting their eyes on it.

12 So that is what I have as far as a
13 relatively cursory overview of what changes have
14 taken place since the draft. You know, again, I
15 think folks have already acknowledged that it's
16 700-plus pages. And so I can't get into all the
17 details here that I think folks would like, but I
18 think at this point I'd like to turn the
19 microphone back over to you all for questions,
20 comments.

21 And we use the rest of our time here
22 before lunch and then whatever time we need to
23 carve out afterwards to kind of recap where we're
24 at now in the process, and discuss how we
25 continue to move forward on this item. Thank
26 you.

27 FACILITATOR LEA: And I see Rich has
28 a card up. I had seen your card up but it was
29 earlier. Okay, so I'll start with Jason, and
30 then Rich.

31 MR. ADRIANCE: Thanks. Jason
32 Adriance, and thanks for that, Brad. Bear with
33 me because my question may end up at the end of
34 some winded comment. Hopefully it's not too
35 long. It relates mainly to some fair and
36 equitable distribution of how these closed areas
37 work between Atlantic and Gulf.

38 And I'm curious, I see the North
39 Carolina one, which has many more interactions in
40 the Gulf, has been trimmed down in its
41 conditional access. And I see here that the Gulf
42 has expanded and it's covering more areas of
43 light green and green. It isn't as surgical as
44 the North Carolina one. And just -- and it's a
45 fixed closure. And I'm just curious for some
46 explanation on some of that.

47 MR. MCHALE: Thank you, Jason. So, as
48 it relates to -- and I think maybe one of the key

1 dynamics, that related to the modification of,
2 whether it be the Hatteras area or the Gulf of
3 Mexico, was looking at some of the fishing
4 patterns, looking at some of the comments that we
5 had received and trying to modify the areas based
6 upon what the more recent information was
7 informing us of where the fishing was taking
8 place, where the interactions were occurring. So
9 that was kind of a main component of modifying
10 each of the areas.

11 As it relates to, say, the conditional
12 access that has been associated or linked with
13 the Hatteras area, where that condition wasn't
14 carried forward into the Gulf area is that there
15 wasn't this clear signal of relatively few
16 vessels comprising the vast majority of
17 interactions in the Gulf that we saw in the
18 information that came out of the fishing area out
19 of Hatteras.

20 Where there really was this very clear
21 signal of a number of vessels, and I think in the
22 final Environmental Impact Statement it shakes
23 out to be about 14 vessels that would be
24 precluded of having access, but, you know, were
25 contributing at a varying level to the number of
26 discards where there wasn't that break in the
27 gulf.

28 MR. ADRIANCE: Thanks. It just
29 seemed, you know, like I mentioned, not as
30 surgical and an expansion of it for what equates
31 to, what was it, 3 percent overall in a
32 reduction? That's the point. Thanks.

33 FACILITATOR LEA: So, I see a number
34 of comments. I'm going to start getting to some
35 of the folks we haven't heard from as much. But
36 I'll get to everyone as we go around. So I'm
37 going to start with Ralph.

38 MR. PRATT: Thank you. Brad, on slide
39 number 9 which is that formula for the
40 distribution of the purse seine category based on
41 historical performance. If you have five vessels
42 and vessels 4 and 5 are inactive they're left
43 with 8 tons the following year, correct?
44 Roughly?

45 MR. MCHALE: Yes.

46 MR. PRATT: Okay. Now, that 8 tons
47 after Amendment 7 is implemented could be leased
48 to a pelagic longline vessel?

1 MR. MCHALE: Correct.

2 MR. PRATT: How do you -- but really
3 they own 34 tons. So under current regulations
4 isn't that 34 tons available to the other purse
5 seine vessels? Or would they be limited to 8
6 tons in both categories? Thank you.

7 MR. MCHALE: So, the way this
8 alternative is drafted and preferred differs from
9 the way the current regulations are in place.
10 So, it's a change. And so where we've taken this
11 annual reallocation alternative and applied it to
12 the vessel level, you're right.

13 So, just to keep the numbers
14 simplified, if the five participants in the seine
15 fishery have, let's just say, a 30 metric ton
16 allocation, and they remain inactive, their
17 individual allocation would be reduced to that 25
18 percent level. All right? So I don't know if
19 that's helping the cause or not. I just love
20 feedback.

21 So, the bottom line is those two
22 entities would have that smaller allocation you
23 just acknowledged. The difference between their
24 baseline and that 8 metric ton would be
25 reallocated to the reserve category, and then
26 would be available for whether in-season
27 transfers, or end of year transfers based upon a
28 number of different determination criteria.

29 So, as we've experienced that -- say
30 a fishery may happen to fill its quota in a rapid
31 time frame, yet there are still fishing
32 opportunities. That's an item that we could look
33 at. If there is a premature closure that, you
34 know, I guess that's along the same line. We
35 could look at that.

36 If -- the ability of one category to
37 not fill their quota. I mean there's about, I
38 think, currently 10 different criteria that we
39 look at and there are a few additional ones added
40 in Amendment 7 to make that allocation available
41 to different participants in the bluefin tuna
42 fisheries or HMS fisheries within the year,
43 versus waiting till the very end of the year.

44 MR. PRATT: Just a follow-up to that
45 would be if the first three vessels that had 30
46 tons were active, and they achieved their quota,
47 would you reallocate from the reserve to those
48 three vessels from the two inactive vessels, the

1 difference between the 8 and whatever they had
2 for -- in other words, are you going to give it
3 back to the purse seine fleet? Are they still a
4 candidate for it?

5 MR. MCHALE: I guess how you just
6 phrased it probably the most accurate way. They
7 would still be a candidate, just like any other
8 category. You know, the angling, harpoon,
9 general, longline, purse seine and I guess the
10 trap category as well would all, and are all
11 candidates to receive allocation from the reserve
12 after that criteria. So, you can't definitively
13 say no, but I also couldn't definitively say yes
14 either. But they're within the realm of
15 possibility.

16 FACILITATOR LEA: And I'm going to go
17 ahead and call on Rich. I inadvertently passed
18 over you. So if you want to go ahead.

19 MR. RUAIS: I appreciate being passed
20 over. Okay. I do want to get back to the point
21 eventually that Ralph raises and that you
22 answered, Brad, that the longline candidate
23 remains a candidate for reallocation of that
24 fish.

25 But first I wanted to say something
26 more about -- first, you gave an excellent
27 overview of the whole thing. And I've been
28 involved in the process since 2009 when we first
29 started talking about it and then 2011, when the
30 first white paper came out.

31 And I just want to comment that I
32 think the documentation and the work that's been
33 done in all of the draft versions that we've gone
34 through in the public hearing documents has been
35 excellent. Just, we couldn't ask for any more.
36 And also on top of that the flexibility that the
37 agency has shown to defer to the requests for
38 extensions of public comments, additional public
39 hearings, et cetera, has been super.

40
41 So we don't really have -- I can't see
42 anybody complaining. I wouldn't support any
43 complaints that the process hasn't been very
44 well. Even though I'm thoroughly not happy with
45 the final product.

46 From the very beginning, before we
47 even had a white paper we were just discussing
48 the notion of reallocation. And take --

1 basically altering the historical allocation
2 system that had been in place since about 1982.
3 And we objected to that. Are you going to cut me
4 off? No.

5 MR. MCHALE: No, no, no.

6 MR. RUAIS: I'm used to being cut off
7 as well.

8 MR. MCHALE: Now you're cut off.

9 MR. RUAIS: John will cut me off.

10 FACILITATOR LEA: Well, we do have a
11 long line.

12 MR. RUAIS: Anyway, so the codified
13 reallocation that came forward we were
14 philosophically -- ABTA and a number of other
15 groups just said, this is wrong. You just can't
16 go and ask groups that are not responsible for a
17 number you're putting up on the board as
18 discards, and ask other groups to pay for it.
19 You need to fix the problem in-house with that
20 group.

21 And we lost that battle. And it
22 remains here today. And that's despite the fact
23 that we got 7 Senators and 14 Congressmen to
24 support our position. So it's quite an amazing
25 thing that the agency was able to withstand all
26 the pressure that we produced to say you've got
27 to find another way to get this done. So, that's
28 just one point.

29 Another point that I wanted to make
30 was we also thought a little later on in that
31 process, and we did it. This was iterative, and
32 we changed along the way. We thought rather than
33 codification, you had a coincidence that was
34 happening in the fishery at the same time, and
35 that was that the purse seine category was not
36 achieving its quota, and two of the boats had
37 indeed fallen by the wayside.

38 And you have the authority. The
39 vessels actually left the fishery. One went into
40 the herring fishery, one went into a South
41 American fishery. And part of the requirement
42 has always been that to make the allocations to
43 the purse seiners, it's not just having the
44 permit. It's also having a vessel tied to it.

45 And initially you took that issue,
46 raised that issue a little bit, but then it just
47 sort of went away. And some of us thought, well,
48 okay, maybe they're worried about a lawsuit. Or

1 maybe they really want to be equitable to this
2 user group and say let's find a graceful way for
3 you to go out, and one that sort of rewards you
4 for being in the fishery as long as you've been,
5 without just yanking you out, because another
6 user needs your quota.

7 So, that option that you had at that
8 you passed on right to the very end, actually
9 today would have produced an extra 8 tons of
10 quota given their quotas of 34 tons apiece. Six
11 tons, I'm sorry. Six tons more than you're
12 getting now after the codified reallocation.

13 If you had done it before and just
14 taken the two purse seine vessels out you would
15 have had 6 tons more for the pelagic longline
16 category to increase their share. But you passed
17 on that. Another point that we stressed was --

18 FACILITATOR LEA: I'm sorry, can I get
19 you to hold the next point or two so that we can
20 get -- because there's about seven other people
21 that want to make comment. But I promise I'll
22 get back to you after we --

23 MR. RUAIS: But I'm not even a tenth
24 of the way through.

25 FACILITATOR LEA: I know, that's what
26 I'm kind of thinking. I can see that you feel
27 very strongly about this and I think a lot of
28 people do.

29 MR. RUAIS: Okay.

30 FACILITATOR LEA: I promise I'll come
31 back to you as soon as I get some of the other
32 folks. Shana?

33 MR. MILLER: So, Brad, Margo, Tom, the
34 rest of I don't know how many pages of
35 contributors to this document, you know, you guys
36 have put more than five years of effort into
37 this, and thank you for all your thought. I
38 think we all like some elements of the plan, some
39 of us probably more than others. And there are
40 disappointing elements as well. But, for the
41 most part, just a really amazing piece of work.

42 I have two questions, if I may. First
43 of all, so we have the comment period deadline on
44 October 6. And then what? Does the final rule
45 come out immediately after that, or is there a
46 review period of the comments?

47 MR. MCHALE: From a procedural
48 perspective, the record of decision as well as

1 the final rule can't be signed or published until
2 that 30-day window has expired. So, whether or
3 not there's a rule or a record of decision on day
4 31, 32, 33 there isn't a constraint there.

5 But -- so there isn't procedurally a
6 window that I'm aware of, and folks can correct
7 me if I'm wrong, that once that comment period
8 closes, X amount of time needs to be dedicated to
9 the review of everything versus being reviewed as
10 it's being submitted.

11 MR. MILLER: As far as implementation
12 goes there's a 30-day window between the final
13 rule and the first possible implementation date?
14 And just one follow-up to that. Is the
15 electronic monitoring piece the only bit that is
16 likely to be delayed as far as implementation?

17 MR. MCHALE: So, yes. Once the final
18 rule publishes unless there's an exemption that
19 the agency requests and then in terms of -- I
20 don't expect that for this amendment. There is a
21 30-day cooling-off period before any of the
22 measures in the final rule can be effective.

23 The agency also has the ability to
24 bump off an effective date. So, as you
25 mentioned, whether it be electronic monitoring or
26 some of the other items it may make more
27 logistical sense to bump those out.

28 What those measures may be you'll have
29 to stay tuned and read the final rule if and when
30 it comes out. But that capability is there,
31 especially for items where a 30-day window may
32 not necessarily be logistically feasible for like
33 an operational item. That may need more time
34 given some of the collaboration, discussions and
35 planning.

36 FACILITATOR LEA: I'm going to go to
37 Randy next.

38 MR. MILLER: Could I take a second?
39 It's an easy one.

40 FACILITATOR LEA: Okay, quick.

41 MR. MILLER: Yes. So, under the
42 closure of the longline fishery, alternative C4b.
43 So it says that NMFS would close the fishery when
44 the longline category quota is reached, projected
45 to be reached, or is exceeded. So pretty much
46 all of the options there. How will that work?
47 Will the final rule specify if there's, you know,
48 you hit 80 percent and then a warning goes out?

1 How will that work in actual management of the
2 fishery?

3 MR. MCHALE: That, as far as the new
4 degree, would also be contained in the rule. And
5 so I don't want to be pre-decisional and
6 articulate it now, but there is this balancing
7 act of needing to allow the individual bycatch
8 quotas to take place. So then it's at the
9 individual level.

10 But that backstop of where the agency
11 hasn't had the authority to cease fishing and
12 then allowing discards to continue. We'd have to
13 lay that exactly out in the final rule to see how
14 those sequential steps take place and whether or
15 not there's a percentage threshold, or the timing
16 and the strength of that language is still yet
17 to, kind of, be seen.

18 FACILITATOR LEA: All right. Randy.
19 And keep in mind we've still got about seven or
20 eight people in line. So if you could try to be
21 relatively brief, that would be helpful.

22 MR. GREGORY: I usually am. So, we
23 got this, and we got 30 days to comment on it.
24 Is there any leeway to be able to extend that?

25 MR. MCHALE: Not to my knowledge. I
26 think that's one where we don't necessarily have
27 the same discretion that we had during the
28 proposed rule phase.

29 MR. GREGORY: It's just that there's
30 several new things in here that weren't very well
31 discussed. What happened to the months of April
32 and May in the general category?

33 MR. MCHALE: I'm struggling with --

34 MR. GREGORY: We asked you all to have
35 the possibility of having the months of April and
36 May available for the general category. We're
37 not catching our quota. When the fish are
38 available allow fishermen to have the opportunity
39 to go fishing. We have two months that are
40 closed. It was not addressed. It was not
41 anything. That should be something that we
42 should be looking at.

43 MR. MCHALE: So, thank you. Now, I
44 would actually be of the opinion that it was
45 addressed, that we did have it in the proposed
46 rule in the draft as looking at a 12-month window
47 of fishing opportunities, or extending the
48 January through March 31 date further out.

1 But neither -- those alternatives
2 weren't preferred at the draft stage, and
3 therefore were continuing not to be preferred
4 here at the final. So I would say that it was
5 looked at but not acted upon.

6 FACILITATOR LEA: Anna, you were also
7 in queue, so it looks like you have a follow-up
8 specific to that. So we'll take you next.

9 MR. GREGORY: I've got one more. Just
10 because this is going to be rare that we get an
11 opportunity. Why were some of the -- again,
12 minor questions, I guess -- why did we allocate
13 share to inactive purse seine vessels and then we
14 took inactive pelagic longline vessels out of
15 there? And then who's going to be paying for
16 this electronic monitoring, again? Just so
17 everybody knows.

18 MR. MCHALE: All right. So, to tackle
19 that second question the amendment currently has
20 been silent as far as who would actually incur
21 the costs of finalizing, implementing electronic
22 monitoring.

23 At this point in time I know there
24 have been a significant number of conversations
25 and efforts internally at the agency to see what
26 sort of resources are available. I think those
27 discussions continue. And I don't know if I can
28 really elaborate more until the final rule. You
29 know, until the final decision has been made to
30 either pursue that avenue or not, if I'm at
31 liberty to really kind of discuss exactly the
32 nuts and bolts of it at this point.

33 FACILITATOR LEA: Anna?

34 MR. MCHALE: And actually, Randy had
35 -- and I'd have to get back to you. You know,
36 looking at the purse seine versus the longline
37 categories and how IBQ is managed versus the
38 historical participation, whether somebody is
39 deemed active or not, I'd have to get back to you
40 on the nitty-gritty of why those differences were
41 laid out. I don't know that right off the top of
42 my head.

43 MR. GREGORY: So, just real quick.
44 One of my main comments is there's a lot of stuff
45 in here that we still have not fully fleshed out.
46 And once we get to these final rule stages at
47 that time it almost becomes too late for anybody
48 to make any changes. So that's my concern, that

1 we're going to get very late in the game and
2 there's going to need to be some substantive
3 comment.

4 I don't think the pelagic longline
5 vessels, you know, if they put electronic
6 monitoring somebody has got to review the tape,
7 you've got to have the cameras. That's an
8 expense that we talked about a little bit, but
9 once it gets to the final rule part it's going to
10 be too late. So there are my concerns.

11 MS. BECKWITH: Thanks. And I'm name's
12 Anna Beckwith. I'm representing the South
13 Atlantic Council. And we also had some concerns
14 in reference to the alternative E in terms of the
15 January subcategory. And maybe I'm accustomed to
16 NEPA being handled a little bit differently at
17 the Council level, so I apologize if this is
18 somewhere I didn't find it.

19 But the council doesn't have a problem
20 with your preferred in terms of the additional
21 flexibility. But what we're struggling with is
22 the justification for that March 31 end date to
23 the January subquota within the general category.
24 So, when I reviewed these documents I could not
25 find where the justification for the original
26 March 31 cutoff date was provided.

27 And I agree with Brad that, in my
28 mind, as I reviewed these alternatives the April
29 and May was considered, because of course with
30 NEPA, if it's in an alternative and it's a
31 possibility it should have been analyzed.

32 So, when I read through the
33 alternative 1b for establishing a 12 equal
34 monthly subquotas, what I saw the concerns were
35 that it would not account for the historic
36 fisheries. What I did not see was any discussion
37 that having an April or May fishery would somehow
38 be detrimental to the bluefin tuna.

39 So, as a council, as the South
40 Atlantic Council I look at this and I would like
41 to see alternative 1c move forward, but striking
42 that March 31 deadline which -- for that January
43 subquota, and allow that quota to be utilized
44 until it's up. It's not affecting anyone else's
45 historic fisheries. And as far as I can see
46 there is no NEPA-level justification for why that
47 deadline is even there.

48 And we will provide that comment in

1 formal form. And we have someone coming to
2 present to the HMS committee at South Atlantic
3 next week. But I would like to understand why
4 that March 31 deadline is even in there and where
5 that justification is, because clearly I missed
6 it.

7 MR. MCHALE: So, you actually didn't
8 miss it there, Anna. So, what we can do is we
9 will get to -- or the rulemaking that actually
10 established the March 31 deadline. It wasn't in
11 this particular action.

12 When we originally established the
13 winter fishery months there it was at a time
14 where the fishery overlapped December and
15 January, and there was a hard-coded January 31
16 date. And then there was a subsequent rulemaking
17 that extended that January 31 date to that March
18 31 date, or until the quota is reached. And
19 that's where actually that analysis and
20 discussion would be.

21 MS. BECKWITH: But what was the
22 reasoning given for that? Was it a stock issue?
23 Was it a reproductive issue? Was it that the
24 quotas were somehow -- what was the biological
25 component to that March 31 cutoff?

26 MR. MCHALE: I'd have to go back.
27 Shooting from the hip, I don't think it's a
28 strong biological one per se because whether the
29 fish are harvested in one area versus another is
30 provided. It's underneath the total allowable
31 catch for the United States. That's the
32 information that feeds up into the stock
33 assessment. I believe it was more dealing with
34 the social and economic dynamics of the fishery
35 as a whole, versus biological.

36 MS. BECKWITH: So, for the
37 socioeconomic issues, you know, if we have our
38 set quota and we're not impacting anybody else's
39 historic fishery -- I can already see you raising
40 your hand to argue with me -- then I could see
41 that it would be equally appropriate for us to
42 move forward with your preferred alternative.

43 Is there not a place in this process
44 right now to take that out and just say, hey,
45 we've got the flexibility. You guys get 10
46 percent. It's your historic quota. Use it until
47 it's done and be done with it. Because we are
48 not impacting anybody else's fishery.

1 And if there's not a strong biological
2 component to that deadline then I am at a loss
3 for why we would not be willing to move this
4 forward and benefit the fishery in a social --
5 the socioeconomic benefits to our region would be
6 phenomenal. And no understood detriment on my
7 side to why we would not be willing to move
8 forward. And I would like some feedback from the
9 rest of the AP, and see if anybody would have an
10 issue with that. Because we are protecting.

11 MR. MCHALE: So, actually, we're not
12 going to get into a back and forth across the
13 table right now. We can get into the details and
14 the history of that, and I have no problem in
15 doing that.

16 But when you start to float questions,
17 does anybody have issues with that. Everybody's
18 got an issue with everything around this table.
19 And so where it's not a voting body. And that
20 it's the agency taking actions and making those
21 final determinations of what's preferred, what's
22 not, what's finalized with everybody's collective
23 input.

24 And we can get into where that March
25 31 date stands in relation to the preferred
26 alternatives here in the Amendment 7. But I
27 don't think we can get that resolved here and
28 now. As well as that extension of the 31st date
29 was never preferred, and didn't continue to be
30 preferred in the final. But I don't know what
31 sort of course corrections could actually be
32 taken at this point.

33 FACILITATOR LEA: Chris, I'm going to
34 call on you next.

35 MR. WEINER: All right. Well, I may
36 touch on that point. I may not. But my issue
37 is, Brad, do I have it right that the document
38 right now suggests that the purse seine fishery
39 could start on June 1? Right.

40 And I would, again, we can talk about
41 this later. So what this means is it's a range,
42 right? So, this isn't -- or is this saying it's
43 going to start on June 1? Or is this giving you
44 flexibility to make it June 1? I've heard
45 actually two different things.

46 MR. MCHALE: It really would depend on
47 how it's going to be articulated in the final
48 rule itself.

1 So, the fact that, yes, there would be
2 a range just like there currently is. So it
3 would be extending it from June 1 to 15th.

4 And the way the current regulations
5 read is that the fishery will start on July 15.
6 So if we carry that language forward that the
7 fishery will start June 1 and then the
8 flexibility to bounce it back.

9 MR. WEINER: I can speak for I think
10 every single tuna fisherman in New England in
11 saying that that is highly opposed.

12 I mean, the early fishery, you know,
13 I think there's all kinds of issues that people
14 have with weather, how the purse seine fishery
15 fits in with the rest of this fishery to begin
16 with.

17 But putting that aside, that fleet
18 goes out and catches fish and they find a way to
19 make the fattest fish you've ever seen worthless
20 because of the way they catch them.

21 This year, I don't even know how big
22 that one set was. But they flood the market and
23 they absolutely disrupt the rest of the fishery.

24 You start on June 1 when the fish is
25 first showing up and you go make a bunch of big
26 sets, not only are they going to literally be
27 worthless because our only market early -- or the
28 only thing that keeps us going I would say for
29 almost the whole month of June is the fact that
30 we don't catch a lot.

31 The harpoon fleet especially goes and
32 they're not fat but we have a very, very limited
33 domestic market. Like so limited that a good
34 week of just a handful of harpooners catching
35 fish can ruin the market.

36 You go throw 100 fish that are
37 completely like -- and this isn't hyperbole --
38 beaten completely almost not even looking like
39 tuna at the end and throw those on the market you
40 literally will wipe out the harpoon fishery in
41 June. And probably whatever general category of
42 fishery we have in June.

43 So, I mean, I don't fully understand
44 why. The EFP thing happened this year which you
45 know a lot of us were highly against.

46 I don't understand why we would let
47 that fleet -- and you know, go get your fish late
48 in the year.

1 The one thing that they have is late
2 in the year is they can at least get some money
3 out of their fish because they're so fat. So
4 even when they are treated terribly they can be
5 worth something and you can get -- put some of
6 those on the Japanese market.

7 But you go catch 100 or 200 seine fish
8 in June, none of those are going to Japan and
9 they're going to absolutely wipe out. And it's
10 not, again, hyperbole. We won't make a dime in
11 June.

12 So I really hope the agency will
13 reconsider. I thought it was a range, that's
14 what I'd heard. I guess we had heard wrong. I
15 guess I had read wrong. You know, I just don't
16 think that this makes sense.

17 And you know, it's already a mismatch
18 between the gear types. They can go out in any
19 weather. I mean, it's not even fair the way it
20 is now. We're out there throwing harpoons at
21 them.

22 There's a reason -- I don't know. I
23 haven't been there enough to know exactly what
24 the original August 15th date was or why that was
25 there and why the July 15th date. But there's
26 fairness has to be built into it. And you're
27 going to -- I don't understand why they need to
28 start June 1st.

29 And not only that, but when the fish
30 start showing off, you go make a big set, it
31 literally will drive the fish out of that area.
32 And so we have a very thin line we're walking
33 here making this fishery work. And I really
34 don't understand why the agency would be doing
35 this.

36 And I would just add secondly that --
37 FACILITATOR LEA: Can I -- you want to
38 get a -- do you have something that you want to
39 say?

40 MR. MCHALE: No, I just acknowledge
41 what you're saying.

42 MR. WEINER: Because I kind of -- I
43 never thought this would have gone through. I
44 was kind of caught by surprise.

45 And I'll leave the April/May issue
46 alone because there's no need to get in arguments
47 here, so thank you.

48 FACILITATOR LEA: Mike?

1 MR. SISSEWINE: Yes, thank you. I
2 have a brief comment and then a question.

3 The comment. Well, in terms of the
4 New England Fishery Management Council's view on
5 this it has not adopted a formal position. But I
6 think it's fair to say that the sense of the
7 council in what limited discussions it's had has
8 been concern about reallocating from traditional
9 small boat vessels into another sector,
10 particularly creating a catch share program which
11 in fact creates an asset value.

12 And the actual reallocation into a
13 fishery at the same time as creating that asset
14 value is actually something that I'm not aware is
15 a normal practice in terms of a catch share
16 program.

17 But again, that's a sense, not a
18 formal position.

19 The question I have is on the
20 monitoring side. And it's really twofold. One
21 is will there continue to be the traditional
22 observer program that has human observers
23 alongside the electronic monitoring.

24 And with respect to the electronic
25 monitoring which potentially I feel very strongly
26 would be a real asset in many ways. But my
27 question is to what degree is it ready to go such
28 that January 1st is a realistic date.

29 I see many other programs that involve
30 new technologies and there are glitches and costs
31 and all of those sort of things that need to be
32 worked out. So I'm wondering again is there a
33 real plan in place that would indicate that that
34 data is realistic. Thank you.

35 MR. MCHALE: So, I would like to think
36 that the plans that we have are real.

37 As it relates to observer coverage
38 that is mandated underneath biological opinions
39 and would be maintained at the 8 percent coverage
40 level that currently exists.

41 Yes, the agency, myself, all the staff
42 are acutely aware of the logistics that go into
43 any sort of an electronic monitoring program and
44 are aware of what that means, especially when it
45 would be potentially deployed out to a fishery
46 for the first time in the agency's history in a
47 production manner. And so that doesn't fall
48 lightly on our ears or shoulders.

1 How that information is then used
2 given those glitches, the learning curves and
3 everything else is then also up for discussion.
4 So all the preexisting avenues that the agency
5 collects information and manages from that
6 information, observer reports, logbooks, dealer
7 reports would still all be in place.

8 Right now as it's preferred is any
9 sort of electronic footage derived from the fleet
10 would be used in more of an auditing fashion to
11 verify accuracy of the preexisting avenues
12 information is being collected versus in a
13 replacement fashion until it's deemed that the
14 confidence in the information, both agency- and
15 industry-wide would make it as a replacement for
16 those preexisting avenues.

17 FACILITATOR LEA: Okay, I'm going to
18 go to Terri real quick because we haven't heard
19 anything from her yet. So, is it relatively
20 quick?

21 MS. BEIDEMAN: I get to ask the
22 questions, right? Probably not, but who knows.
23 You never know.

24 Is it possible that you could show me
25 slide 16? Okay. It looks like a whole lot, you
26 know, 1.64 metric tons and half a metric ton.

27 Can you give me an approximate number
28 of fish that that amounts to? I know there's
29 variation, just some approximate.

30 MR. MCHALE: Yes, I mean, I would
31 actually defer to those folks around the table
32 that are interacting with these fish of the sizes
33 in all the various geographic areas.

34 So if you assume a 500 pound weight,
35 a 200, a 300 round weight. I mean it will vary
36 depending on whether you're operating the Gulf of
37 Mexico, or off Hatteras, or off the Grand Banks.

38 So it could be seven fish, eight fish,
39 five fish. I would have to defer to those that
40 are actually on the grounds.

41 MS. BEIDEMAN: Okay. So somewhere
42 between I guess on the low side, you know, that
43 possibly may be two fish, right? And then on the
44 high side possibly as high as eight. Okay.

45 And how many months average do
46 longline boats, most of the active longline
47 boats, how many months do they usually fish?

48 MR. MCHALE: Well again, Terri, you'll

1 know this much better than I, that that will vary
2 immensely throughout the fleet of whether or not
3 vessels are dedicated to the pelagic longline
4 fishery year-round and will head up and down the
5 coast, or do they diversify in other fisheries.
6 Do they remain kind of centric to their home port
7 or their area and then are operating when weather
8 allows. So I think the variability is rather
9 immense across the fleet.

10 MS. BEIDEMAN: Okay. I guess you
11 raised another question there. About how many of
12 the pelagic longline boats have the ability to do
13 anything else?

14 MR. MCHALE: That I do not know off
15 the top of my head of what other kind of fishery
16 permits that those that hold the Atlantic tuna's
17 tripack, I don't know that offhand.

18 But in our fact-checking we could
19 track that down to the best of our ability.

20 MS. BEIDEMAN: Okay. And I guess one
21 last thing, you know, just to note that these are
22 incidental fisheries and they are targeting other
23 species.

24 And in most cases that are pelagic
25 longline fishing there is a fair amount I would
26 say, wouldn't you say, of seafood that are landed
27 concomitant with these catches, the accidental
28 catch. Usually it appears that there are several
29 thousand pounds, sometimes more, landed seafood.

30 So, I just, you know, when it looks
31 like -- 1.64 kind of looks like a lot of tons,
32 but it really isn't a lot of fish. And that is
33 for an entire year. So this is a difficult thing
34 just as a point of reference.

35 Could you please turn to slide 9?
36 Okay. So on this one it shows that one of these
37 categories, in particular the purse seine
38 category, will have the ability to be scored or
39 get quota based on the previous year's catch
40 which in this case could be 2014, 2013. Is that
41 your thinking?

42 MR. MCHALE: That is the way this
43 alternative is articulated now, yes.

44 MS. BEIDEMAN: However, the
45 allocations that have been divided out for the
46 other category, the pelagic longline, the other
47 limited access permit category are going to be
48 scored on the basis of 2006 to 2012, before this

1 rule was even proposed as a final rule.

2 I guess that's a statement. Do you
3 see that that's a little bit inequitable?

4 MR. MCHALE: Well, what you're really
5 referring to at this point is the initial
6 allocations. So those purse seine category
7 participants have had their initial allocations
8 established back, you know, I want to say it was
9 '81 or so is when they started.

10 Where we're now at this point in time
11 looking at initial allocations for the pelagic
12 longline fleet.

13 And where currently those allocations
14 would need to continue to be reviewed. I want to
15 say it's at the three-year cycle underneath
16 Magnuson to see whether or not they're still
17 appropriate and meeting the needs of not only
18 management but the fishery as a whole.

19 MS. BEIDEMAN: But would you -- okay.
20 And just, maybe I'm not making myself clear.

21 The purse seine category has had the
22 opportunity since this rule has been on the
23 tracks, and in particular since it's been
24 actually proposed, to go fishing more to make
25 sure that they get a certain amount of quota, or
26 at least as much as they can get.

27 On the other hand, the pelagic
28 longline fleet is going to have their quota based
29 on activities that happened pre-rulemaking, pre-
30 conversation. So their ability to get as much
31 quota.

32 And you know, I know it's based on
33 different things. They're harvesting, we're not
34 harvesting. We're doing things that are being
35 used for scoring, but we haven't had the benefit
36 of being forewarned, essentially, you know, this
37 is how you're going to get more quota.

38 So I find that to be quite a disparity
39 in terms of the pelagic longline versus the purse
40 seine and the ability to affect what you may have
41 in this rulemaking. So that's my comment on
42 that.

43 If you would turn to slide 15, please.
44 Okay. Just as a point of clarification on that
45 second bullet. It doesn't make it clear that
46 leasing quota would also be allowed between
47 longline vessels, two longline vessels, purse
48 seine vessels, two purse seine vessels as well as

1 purse seine to longline, or longline to purse
2 seine, correct?

3 MR. MCHALE: Yes, that is correct,
4 Terri. So the leasing components as part of
5 Amendment 7 would allow for everything that you
6 just articulated -- longline to longline,
7 longline to seiner, seiner to longline, and
8 seiner to seiner.

9 MS. BEIDEMAN: Okay. I'm almost done.
10 I know. I'm trying to be succinct. Okay.

11 On slide 18, please. Okay. The
12 previous slide on 17 showed VMS and electronic
13 monitoring for the pelagic longline limited
14 access permit, presumably to monitor IBQ,
15 correct?

16 And then going to the forward one
17 there's only VMS there. So, there's no
18 requirement for those IBQ to be equally monitored
19 by video or data recording equipment. So I'd
20 point that out as a disparity.

21 Is there a reason for that? Or are you
22 going to have 100 percent observer coverage on
23 those vessels?

24 MR. MCHALE: The main disparity is
25 that in the proposed rule given that there was so
26 little purse seine activity leading up to it that
27 it didn't actually get proposed in the rule.

28 And so that doesn't preclude exploring
29 electronic monitoring as we move forward for that
30 particular gear type in this fishery.

31 But trying to finalize that at this
32 point I think procedurally we've run afoul.

33 As far as the observer coverage the
34 ICCAT requirement right now is a 5 percent
35 coverage rate in some of the ICCAT
36 recommendations either by set or trip on the same
37 fishery.

38 And right now the 100 percent level is
39 directly associated with the issuance of that
40 exempted fishing permit. So we would have to see
41 what sort of resources are available in the
42 absence of the exempted fishing permit to cover
43 that fleet above and beyond the 5 percent limit.

44 MS. BEIDEMAN: Almost there. Could
45 you look, please, at slide 19?

46 So this is the, for everybody else,
47 reporting system. And it's my recollection that
48 we have some experience with these call-in

1 reporting systems in some of our HMS fisheries in
2 particular.

3 Do you believe that you're going to
4 have better compliance with that than the
5 previous attempt?

6 MR. MCHALE: Yes.

7 FACILITATOR LEA: All right. So, it's
8 lunchtime but I see we still have -- we've
9 actually got it down to three people. We have
10 Rusty, Scott and Rich who I promised I'd come
11 back to. Oh, sorry, okay.

12 So I saw some people nodding as other
13 people were talking so it seems like some of the
14 points have been made. So if you could kind of
15 maybe put out your most pressing thing that would
16 be helpful to keep things moving. I'll go Rusty,
17 Rom and then Scott and then finally Rich.

18 MR. HUDSON: Thank you, Suzanne.
19 Rusty Hudson, commercial.

20 Last year this white paper on
21 electronic monitoring, that's sort of assigned to
22 Mark Holliday who's the staff contact person.

23 On page 4 of Appendix B they have some
24 bullet points. So briefly, the cost variation
25 among regions for this electronic monitoring.

26 They use as an example in here \$4,000
27 for a simple installation up to \$22,000 for a
28 complex installation. Then about five or six
29 hundred dollars a day operational.

30 Then they have a goal to be video
31 monitoring. Provide a cost-effective solution
32 capable of collecting data for scientific
33 management and compliance purposes.

34 Despite -- the next bullet -- despite
35 numerous past and ongoing video monitoring pilot
36 projects there's currently no operational video
37 monitoring programs in NMFS-managed fisheries
38 where data extracted from video are used for
39 science or management purposes.

40 This is due to operational issues
41 including the ability to accurately identify
42 species, ability to estimate weights of discarded
43 fish and length of time required to obtain and
44 review video and extract all requisite
45 information. In Alaska they review about 10
46 percent.

47 To date video monitoring has proved to
48 be most effective as a compliance tool for

1 monitoring crew activities.

2 Next, video monitoring may not be
3 effective for identifying protected or prohibited
4 species.

5 Which gets me to a question I had
6 asked Dr. Bonnie Ponwith who incidentally is the
7 science director of the Southeast Fishery Science
8 Center in Miami.

9 She was asked a question when we were
10 talking about it on a council level of these
11 video cameras based on some stuff Sea Grant had
12 shown us and things like that.

13 And we asked about the efficacy of
14 using this type of equipment. And she indicated
15 the problems because you have to deal with small
16 boat, large boat issues. You had to deal with
17 what did you want to see beside the boat, what
18 you want to see landed in the boat. And that
19 became an identification problem.

20 One of the things that Sea Grant had
21 shown and I was able to show them that they could
22 only identify about one-third of their sharks as
23 a for instance. And we've got 19 prohibited
24 species of shark.

25 And with those type of things going
26 on, just like with tunas at the side of the boat,
27 unless you've got videos and conditions I would
28 say it gets a little problematic unless it's
29 already landed on the deck.

30 And so I really question the push to
31 put video equipment on every vessel in lieu of
32 observers.

33 I don't believe you have 100 percent
34 observer stuff on all the boats, but I did see
35 where they had like 8 percent observer data was
36 good for being able to get a 75 percent idea of
37 what was going on.

38 I know that's not 100 percent observer
39 data and getting 100 percent data, but there's
40 still an idea that there's something there you
41 can get.

42 And I guess I'm asking, Brad, what are
43 we trying to get? Are we trying to get science,
44 management, compliance, or all of the above?

45 And if we aren't getting the first two
46 categories by these NMFS fisheries across the
47 nations then we're going to strap these people to
48 these kind of bills in order to put this

1 equipment on in addition to the VMS, probably in
2 addition to electronic logbooks.

3 Then we're going to have a pretty high
4 cost going that only high-liners can probably
5 afford. So that's kind of my little rant and I
6 just wanted to lay it out there.

7 MR. MCHALE: Thank you, Rusty. So a
8 couple of things there is that there's nothing
9 that's been stated that the fleet itself would be
10 strapped with these costs.

11 As I mentioned just a few moments ago
12 that the Agency hasn't stated one way or the
13 other. So that conclusion hasn't been reached.

14 Another item you mentioned, the
15 cameras aren't necessarily in lieu of any sort of
16 observers, as I had mentioned earlier to Mike, is
17 that they're happening in tandem, meeting
18 different purposes and needs.

19 And so as far as what the information
20 is being used for, as I mentioned, as more of a
21 verification tool at this point in time in
22 conjunction with an individual bycatch quota to
23 verify information that's coming through the
24 preexisting data streams.

25 So whether that be the observer report
26 itself on that 8 percent coverage level, or with
27 the logbooks themselves that are coming in for
28 those trips.

29
30 Acknowledging some of the pitfalls
31 that exist with this sort of monitoring. So if
32 you're trying to do species identification and
33 Lord knows I don't want to get into the shark ID
34 aspects. But I mean, if you're talking
35 yellowfin, bigeye, bluefin across different
36 sizes, different fishery conditions and not just
37 fish that are coming on the deck, but now you're
38 looking at fish that are being released, and some
39 of those being alive shoreside, we understand
40 those pitfalls exist.

41 But we still think that there's merit
42 to continue to pursue this given some of the
43 other management measures to see if it's a viable
44 option to continue to see as far as a realtime
45 data collection mechanism to verify what the
46 Agency knows is taking place in regard to this
47 particular gear type.

48 FACILITATOR LEA: Well, Rom, do you

1 have something?

2 MR. HUDSON: As a final thought, I
3 have to agree with what Randy had to say. Are we
4 supposed to be just dealing with this through the
5 record of decision, through the FEIS?

6 Because it's obvious that there's a
7 lot of stuff here that's not been put forward
8 that we don't have as analysis, yet you're
9 possibly looking at 100 percent compliance from
10 these people or else you may be actually reducing
11 the fleet by overburdening them economically.

12 So, I think that it bears that we need
13 to have a better opportunity to talk about this.

14 FACILITATOR LEA: Rom?

15 MR. WHITAKER: Rom Whitaker, Hatteras
16 Charter Boat.

17 Could you go to slide 6? And anyway,
18 a 750-some page document. And I appreciate and
19 have experienced getting there and know you all
20 have worked hard. But I've been very busy and
21 I've not been able to interpret it as well as I
22 would like.

23 But just overall looking at it, I look
24 at these objectives and I see some of them being
25 bad. I think we're going to reduce the dead
26 discards. I think you address that pretty well.

27 I think we're going to improve the
28 timeliness and quality.

29 Optimizing the ability for all permit
30 categories to harvest their allocations and
31 account for all mortality.

32 I'm not sure that we've done much to
33 change what we've been doing in the past.

34 And of course to elaborate on that a
35 little bit is, you know, of course what we've
36 always felt, a 12-month season was good. That's
37 not going to work.

38 But that being said, what's happened
39 to April and May? Anna eloquently -- all her
40 points I support. I mean, she was dead on.

41 But I'm going to give it to you
42 realtime. This year, let's say we do take our
43 December quota and we add it to our January and
44 we say, okay, you're allowed to catch -- I think
45 it's 11 percent of the quota January through
46 March 31. Well, this year the fish didn't show
47 till March 15. So if they don't show till the
48 31st we're not going to utilize any of that.

1 So why are we closed April and May?
2 It's not impacting the rest of the quota. It
3 just, it makes no sense to me why those two
4 months are left out of the fishing year. I mean
5 it's part of the year in any other allocation,
6 white and then the bluefin tuna.

7 And as I look at the numbers for this
8 year and for whatever reason the catches seem to
9 be a little bit sparse. I'm sure, some of them I
10 think the harpoon looks better and I'm tickled.
11 I'm glad they're getting them. I want to
12 utilize.

13 But I hate to see us come here at the
14 end of another year and be under-utilizing two or
15 three hundred metric tons of Atlantic bluefin
16 tuna. I mean, if this keeps happening then we
17 just need to go back to a June 1st opening.
18 Thank you.

19 FACILITATOR LEA: Scott and then Rich.
20 Again, I know you said that you kind of are a
21 little long. I'm the same way. So if you can
22 kind of maybe stress some of the stuff that
23 hasn't been covered as much.

24 MR. TAYLOR: I am just a dumb,
25 optimistic, commercial fisherman I guess because
26 in the shadow of Amendment 7 since 2012 I've been
27 building boats to try to catch the U.S. pelagic
28 swordfish quota.

29 And after reading this Amendment 7 and
30 listening to control dates and everybody
31 congratulating themselves about where we are, I'm
32 trying in my optimism to figure out how it is
33 that I'm going to stay in business.

34 How it is that Terri is going to stay
35 in business and the constituency that she
36 represents.

37 And you're going to ask me in a couple
38 of minutes to summarize a lifetime of work and a
39 lifetime of future.

40 Make no bones about this, that
41 Amendment 7 deals specifically with the pelagic
42 longline fleet. And that our fleet in
43 particular, as an artisanal fleet, has one of the
44 lowest bycatch rates of any sector of the pelagic
45 longline boats.

46 And I've got no hope whatsoever as it
47 stands right now, particularly with the accuracy
48 of reporting that I've demonstrated to you all.

1 With the allocation that I'm going to
2 receive, half of my boats will receive zero.
3 Zero. The other half of them will probably have
4 relatively no low numbers because of the accuracy
5 of our reporting to NMFS of which we're going to
6 be rewarded for.

7 I absolutely believe, Brad and Tom and
8 Margo, your intent here to be able to have
9 mechanisms in place to keep the longline fleet
10 fishing.

11 But I don't see them in this document.
12 I don't see any of the things that came out of
13 the scoping meetings.

14 I don't see any of the things -- and
15 I don't think there's a commercial pelagic
16 longline fisherman around this table that in good
17 conscience can tell you the way this thing reads
18 right now that we're going to be in business.

19 And whether it's sidebar or whether
20 they're even given an opportunity to speak up
21 that's what you're going to hear.

22 That's what my constituency is telling
23 me. They're scared to death. I'm in the middle
24 of building a couple of three boats that are
25 going to have no allocation. Zero.

26 Now, there very well may be an
27 opportunity here to figure out how this is going
28 to work, but show it to me in the documents.

29 Because my faith, not in your Agency,
30 but in the U.S. government and in the ability to
31 clearly architect the way that this is going to
32 work so that in the real world it's going to be
33 seamless is limited. It's not here right now.

34 And you know, in the rush to try to
35 push this thing through and to be able to get it
36 done, you've left so much of the detail
37 unaddressed.

38 How is the quota transfer going to
39 work? Who's going to control it? Does the purse
40 seine category -- I've got a good question. I've
41 got a simple question for you.

42 It's a point that my good friend over
43 here Mr. Gerencer made at one of the prior
44 meetings which is that when we start to get into
45 a situation in which user groups are arguing
46 amongst themselves, everybody loses.

47 So why is it that when we're talking
48 about the usable quota of a public trust that

1 there's certain segments of categories that just
2 haven't even been addressed?

3 I'd be curious to know how much of the
4 general category, for example, that right now has
5 four fish per day, four fish per day when a
6 longliner is going to be given four fish for an
7 entire year, 200 sets, as though there's
8 something that we can specifically do to avoid an
9 accidental interaction. We may be good at what
10 we do, but we're not that good at what we do,
11 okay?

12 These other segments, are they
13 utilizing their quota fully? How long has it
14 been since the general category fully filled
15 their quota?

16 The only segment of the fishery that
17 is being utilized here is the pelagic longline
18 fleet. That is the problem.

19 The problem is that you have an
20 allocation of 68 metric tons. You have a usage
21 according to NMFS of 200 and some metric tons.

22 You're asking us to cut that number
23 down, even with the additional allocation, by 50
24 percent.

25 There were a lot of ideas that were
26 proposed at these scoping meetings and around
27 this table about how it was that we could move
28 forward to accomplish that and none of them are
29 included in this document.

30 This is all I do. This is all I've
31 ever done. I don't know how to accomplish what
32 you're asking me to accomplish.

33 What you're going to have is a parked
34 longline fleet unless these details are ferreted
35 out. There very well may be adequate quota.

36 From an analytical point of view the
37 way that you solve a problem is first you
38 quantify it. And how do you quantify it? You
39 assure that all fish that NMFS has regulatorily
40 required us to kill, not by choice, but that NMFS
41 has regulatory required us to kill, are accounted
42 for.

43 And then once you've accounted for
44 that number you determine whether or not that
45 there is proper quota allocation within the
46 public trust to make sure that that portion of
47 the fleet can fish.

48 It is not a politically correct

1 solution in here. There's 100 active boats.
2 There's 100,000 hits from the general sector from
3 Nebraska to Arkansas to who knows where every
4 time that this issue comes up that's emotionally
5 contentious.

6 But make no bones about what we're
7 talking about is the survivability of your
8 pelagic longline fleet.

9 I don't know how to sum this up any
10 different in two or three minutes. You know, we
11 went around the table in here and essentially
12 Terri and myself are the only ones that have
13 really spoken about what the core issue is of
14 Amendment 7.

15 We're going to go to lunch and maybe
16 we're going to have a few minutes and then we're
17 going to move onto this thing.

18 I believe in the system, I believe in
19 this panel and I believe that I can try to make a
20 difference. I just don't see it in the document.
21 I don't see how we get from A to B.

22 And I'm going to implore you, rather
23 than going into any more of the details, okay, to
24 -- let's get the details right -- the electronic
25 monitoring, how the quota system is going to
26 work, how we're going to reallocate, what are we
27 going to do to help these boats out there
28 minimize their interactions with the bluefins,
29 particularly in light of the fact that there may
30 be a possibility that this stock is continuing to
31 grow and that interactions are going to get worse
32 rather than better.

33 I understand that you're mandated to
34 move, but don't -- let's move to solve the
35 problem. Let's not move to create another one.
36 That's all.

37 FACILITATOR LEA: Rich.

38 MR. RUAIS: Thank you and I'll be very
39 quick. Since it's on the agenda tomorrow I'll
40 save my comments on electronic monitoring till
41 then.

42 But I did want to answer Anna's very
43 legitimate questions. And this is the first time
44 we've met.

45 So, one is -- and I agree totally.
46 There is no biological issue about this March 31
47 cutoff date.

48 But I think you have to recall some of

1 the history of the development of the North
2 Carolina -- it was initially a North Carolina
3 fishery. It was titled, the winter fishery.

4 And the winter fishery was for
5 December and January. And then it grew to
6 December, January, February.

7 MR. MCHALE: Hey, Rich? Let's save
8 any sort of history lessons for sidebars --

9 MR. RUAIS: Okay. Then the point --

10 MR. MCHALE: But if you have more
11 comments on --

12 MR. RUAIS: Sure, sure. Then the
13 point is the entire bluefin tuna fishery for more
14 than 30 years has been oversubscribed. And there
15 isn't quota to keep making new fisheries.

16 That's why everybody is under pressure
17 and that's why everybody does what Scott talks
18 about which is immediately, in five minutes you
19 can't put three bluefin tuna people in a room
20 without starting to bicker about user groups.

21 Because the fishery is oversubscribed.
22 There's not enough quota. Maybe there will be at
23 some point.

24 The question, the final issue that I
25 had for today, Brad, was the codified allocation
26 is going to increase the base quota for the
27 pelagic longline fleet to 137 metric tons. It's
28 all over the dock and I assume that's --

29 MR. MCHALE: That's correct.

30 MR. RUAIS: That's correct. Okay.
31 So, from that 137 tons you've now qualified and
32 reduced the number of eligible vessels, I think
33 to about 135 is the number.

34 So, again, you're going to
35 send a registered letter presumably at some point
36 in time to them guys saying, okay, you've got
37 137. Here's your 1.5. Here's your 2.3.
38 Whatever it happens to be. And the allocations
39 go out.

40 And trading begins. The longliners to
41 the longliners exactly as you're spread out.

42 What a number of us don't understand
43 is, okay, that's fine. But you still have the
44 annual reallocation process. And potentially
45 you're talking about putting a lot of quota into
46 the reserves as a result of that process.

47 And in answer to one of the questions
48 you said that fish can still go to everybody,

1 even to the longline category.

2 And my question is when you've
3 established an IBQ program and there's leasing
4 and selling going on, and people are putting hard
5 money on the table and using business planning to
6 trying to be buying enough quota and not too much
7 quota and doing those things.

8 And some people saying, well, maybe
9 there will be some extra quota at the year given
10 out free and I won't have to do it. How do you
11 take free -- what has to be free quota -- NMFS
12 does not have the right obviously to sell quota
13 out of the reserve.

14 So you've got quota that people have
15 paid for, and that's a competitive issue. So the
16 question is how would you take it out of the
17 annual reallocation fund that results from some
18 of the purse seine boats only operating at the 20
19 percent level or ever ---- whatever level. How
20 do you get that fish over into the fishery that
21 money has been spent?

22 MR. MCHALE: Well, I think in an
23 environment where there are all the dynamics you
24 just articulated is that any sort of transfers
25 from the reserve would have to be applied at a
26 category-level basis.

27 So just like in the general category
28 we don't select one vessel or another, or one
29 geographic area versus another. It would be
30 applied to the category.

31 And I would think any sort of
32 transfers that would take place from a reserve
33 category to the longline would have to go to the
34 category and be distributed amongst those
35 participants as a whole versus saying here's one
36 individual vessel in need versus another
37 individual. I think that just compounds issues
38 beyond belief.

39 MR. RUAIS: Are you sure? Are you
40 sure that's the answer to that question? I mean,
41 you're going to look at the fleet and say you
42 need it, you need it?

43 MR. MCHALE: Just the opposite. Just
44 the opposite.

45 MR. RUAIS: Uniform. Okay, so why
46 would somebody who maybe is right on the border
47 of not needing anymore quota fork over money to
48 get a contract to have leased pounds of bluefin

1 tuna if he's got a pretty good idea the seine is
2 not operating and you're going to have an
3 additional 60, 80, 100 tons of seine quota
4 available at some point.

5 And you might have some of the
6 longline boats that misjudged and have been
7 closed since June 1, July 1, whatever, because
8 they've run out of allocation. There's no more
9 to buy. And you're going to come in and rescue
10 them.

11 How do you do it? You're rewarding
12 those people who took the risk, I mean who took
13 the gamble. If this is a gambling issue, okay, I
14 can understand that, but it's not and I know it's
15 not.

16 But I just don't see how you can do
17 that without affecting that market supply.
18 Unless you can -- well, I'll leave it at that. I
19 don't think there is an answer for that today. I
20 think it's an area that needs a little bit more
21 study maybe.

22 MR. MCHALE: And your point's well
23 taken, that there are dynamics here that are new
24 to the fishery as a whole and the market
25 conditions. So none of that is fallen on deaf
26 ears as far as the intricacies of it.

27 FACILITATOR LEA: All right. So we're
28 quite a bit into the lunchtime, but it seems like
29 people have a strong interest in this. So
30 there's only one last person -- oh sorry, okay.
31 So Jeff and then Bill.

32 MR. GERENCER: I just have one
33 question. When Amendment 7 passes I would like
34 the Service to go on record and say whether or
35 not they think the pelagic longline fishery will
36 be able to survive it.

37 I'm actually asking the Service to go
38 on record and explain whether or not they think -
39 - after Amendment 7 passes will we continue to
40 have a pelagic longline fishery.

41 MR. MCHALE: My opinion, and I don't
42 want to take the microphone from Margo or other
43 folks in the Agency --

44 (Laughter)

45 MR. MCHALE: But, Bill, I wouldn't
46 have dedicated five of the past years in trying
47 to figure out solutions -- and I'm not saying
48 they're always going to be the best solutions --

1 if I didn't think that was going to be the
2 outcome.

3 Given the dynamics of the multi-
4 species nature of the fishery, the importance of
5 that fishery and trying to balance all the
6 different variables that are imposed on that
7 fishery.

8 So my personal opinion is yes.

9 MS. SCHULZE-HAUGEN: And I would echo
10 that. I mean, not only have we put a tremendous
11 amount of effort into this, there are a variety
12 of measures available to us and to the industry
13 to ensure that that happens.

14 Our stated intent has always been all
15 categories have optimized opportunity. So we
16 decided not to eliminate the purse seine
17 category. We also opted not to eliminate the
18 pelagic longline fishery. All of the categories,
19 all of the user groups that were in the room in
20 '99 and before are still here.

21 Is this a huge change? Absolutely.
22 Do we have all the answers? Can we say for sure
23 every possible permit- holder today will be here?
24 I don't know. I can't say that. That was not
25 true before so that may not be true in the
26 future.

27 But we are trying to reduce dead
28 discards of hundreds of tons every year. That's
29 a waste. It's a waste of the resource. It does
30 nobody any good. And this is what our collective
31 energies for the past five years have been.

32 We have heard you. We have included
33 comments received at scoping as well as at the
34 proposed stage. Things are in or out depending
35 on that.

36 Does it make everybody happy? I'd be
37 very surprised if we were ever able to achieve
38 that.

39 Is everybody a little unhappy? Did
40 they get exactly not what they wanted? Probably.

41
42 But our absolute intent is to have all
43 of the categories fishing, catching their quotas
44 and we have a variety of mechanisms to do that.

45 So, I know we're at lunch but I do
46 want to leave that point with you. We are
47 working very hard on the resource questions for
48 electronic monitoring. We certainly are aware of

1 those costs and I hope to have information very
2 soon.

3 But given where we are today I don't
4 have all of the answers. But believe me, we are
5 aware.

6 And we will take this all onboard as
7 we proceed. And I'm sure we'll have additional
8 conversations offline. And if we need more time
9 as a panel then we'll make that as well.

10 FACILITATOR LEA: All right, Jeff?
11 Last word.

12 MR. ODEN: Well, I too share
13 everybody's pessimism that's spoke before me,
14 Bill, Scott.

15 You know, I'm one of the little guys.
16 And the biggest, the greatest fear I have from
17 what I see coming out of this is the little
18 boats. You know, we go out for four or five days
19 and I see us being displaced considerably by
20 this.

21 And in speaking with Walter today over
22 breakfast, you know, he was kind of telling me
23 what essentially happened in the cod fishery in
24 the Northeast. The big boats moved inshore and
25 the resource suffered.

26 I think there are far more
27 implications than you can even think about in
28 what you're doing here.

29 And I see many small boats going by
30 the wayside for this. I mean, it's another
31 contraction of the fleet from what I see.

32 And that's the greatest fear. I mean,
33 I could take the next day and a half for all the
34 questions I have.

35 You know, I mean, for instance, you
36 tell me I've got to bring in any and every
37 bluefin that's not alive to the dock. Well, I've
38 got a little boat too and from the histamine
39 standpoint I really wonder how you expect me if I
40 do have a major set to deal with that.

41 I mean, that's just one of the many
42 little questions here that we could lay in your
43 lap. And you're going to -- we're damn the
44 torpedoes, full speed ahead here with all this.
45 It's just, it's insane from my perspective the
46 way we're going about this.

47 Anyhow, you know, in our brief day and
48 a half here we'll deal with it I guess as best we

1 can. Hour and a half, yes.

2 FACILITATOR LEA: All right. Well,
3 we're going to break for lunch. Why don't we
4 extend lunch to aim to come back around 2.

5 And, again, Brad is -- if anyone wants
6 to talk further you can add points, email, talk
7 with Brad. I know he's very open to that.

8
9 MS. SCHULZE-HAUGEN: Just one final
10 point before lunch. Folks that are interested in
11 sitting in on the smoothhound assessment we will
12 have some capabilities for folks to do that at 2
13 o'clock in the Jasmine Room. I have no idea
14 where that is but I'm sure somebody does. Third
15 floor. Smoothhound assessment, Jasmine Room.

16 (Whereupon, the above-entitled matter
17 went off the record at 1:00 p.m. and resumed at
18 2:05 p.m.)

19 FACILITATOR LEA: All right, it's a
20 couple of minutes after 2 so if we can try to get
21 back together. I think we may be missing a few
22 people who might be going to the shark discussion
23 that's at 2.

24 So right now we're aiming to move onto
25 the National Recreational Fishing Policy update.
26 I'll give you a minute to get seated.

27 All right, well hopefully everyone had
28 a good lunch. The last session was pretty
29 emotional, intense. And they wanted you to know
30 that they will be here when we're wrapped up
31 after we have public comment and adjourn.

32 Brad and Margo will be here to talk
33 with anyone that continues to have concerns that
34 they didn't feel were addressed in the discussion
35 at 11:00. If you want to talk with them they'll
36 be here as long as you have things to tell them.
37 So they wanted me to let you know that.

38 So, right now we're going to move onto
39 a discussion of the recreational fishing policy
40 update. And this is Tara Scott. She's from the
41 Office of Sustainable Fisheries. She's on Russ
42 Dunn's team. He's the national policy advisor
43 for recreational fishing. And so she has a short
44 presentation.

45 And what they're mainly looking for is
46 some input on what are some of the primary
47 concerns when it comes to recreational fishing.

48 Obviously earlier one thing that came

1 up was some concerns that they're not being
2 regulated in the same way that a lot of you, like
3 the commercial fishers were being regulated much
4 more than the recreational.

5 But you know, those are the sorts of
6 things that they want to kind of draw out and
7 stuff. So I'm going to turn it over to you.

8 MS. SCOTT: I was told I have to speak
9 loud and into the mike.

10 So thank you for that introduction.
11 As she said, I'm part of Russ Dunn's team. He's
12 actually on the other side of the country giving
13 a presentation to the state directors. So I'm
14 here to present on his behalf.

15 The recreational fisheries are
16 important to the country and to NOAA Fisheries.
17 Nationally it's estimated that 11 million
18 saltwater anglers took 72 million trips in 2002
19 which generated \$158 billion in sales impacts.

20 However, rec fishing is not just trips
21 and dollars. It's part of the cultural fabric of
22 coastal communities.

23 So, just to give you a little
24 background into how we got here. The Morris-Deal
25 Commission wrote a report with a series of six
26 recommendations to the government and one of
27 those being the development of a recreational
28 policy.

29 So, in April of this year we held the
30 National Saltwater Recreational Summit. And
31 through that summit it became clear through
32 discussions with stakeholders that there was an
33 increased interest in developing this
34 recreationally-based policy.

35 So this presentation is part of the
36 outreach process to solicit input from
37 stakeholders for -- to develop the framework for
38 drafting this national policy.

39 So I want to go ahead and direct you,
40 if you don't have one already, to get out the
41 National Saltwater Recreational Fishing
42 Discussion Guide. You were given it I think
43 electronically as well. So if you don't have a
44 hard copy at least get it up electronically.

45 This will help make the discussion a
46 little bit more productive and provide you with
47 some of the details on the ideas and concepts
48 that are being considered and that I won't really

1 touch on specifically in the presentation.

2 And if you don't have it the web
3 address is at the bottom of the screen here.
4 Okay, so I'll go ahead and get started.

5 So, this afternoon I'm going to give
6 you a quick overview of what the policy is, why
7 do we need it, what our outreach efforts have
8 been so far, the general time-line and then the
9 steps we're taking to develop it. The questions
10 that we're also considering throughout this
11 process.

12 I'll present a few of the main themes
13 that we've heard around the country and then at
14 the end I'm going to open it up to discussion so
15 that we can get your input as well.

16 So, why do we need a policy? With an
17 organization as large as NOAA Fisheries, process
18 and policy are very important.

19 We believe that the policy when
20 finalized will help achieve three main goals. So
21 we'll institutionalize our commitment to the
22 recreational fishing community, it will guide the
23 Agency's actions over the long term and it will
24 help ensure that we, the Agency, are accountable
25 to our stakeholders.

26 So, it was made clear at the Rec
27 Summit both in 2010 and 2014 that there was a
28 perception that recreational angling was not
29 given adequate consideration by the Agency.

30 So we believe the development of this
31 policy is just one way to help correct that
32 perception.

33 Another concern that was expressed was
34 that the administration and Agency leadership
35 often change, and that the Agency may lose focus
36 on this issue.

37 And so this policy is a way to ensure
38 that there's a lasting and permanent voice within
39 the management framework, and that the
40 recreational fishing will always have a seat at
41 the table over the long term.

42 So, when we started the public policy
43 discussions it quickly became clear that the
44 term, policy, made a lot of people nervous.

45 It seems that there was not a clear
46 understanding of what a policy is or what a
47 policy does.

48 So, for clarification, the policy will

1 influence how we carry out our responsibilities
2 under the law. So how the agency carries out the
3 policy.

4 It does not in and of itself have the
5 force or effect of law, nor does it create any
6 new regulations.

7 You can sort of think of this as a set
8 of principles that can help guide NOAA Fisheries
9 as we approach issues and decisions impacting the
10 recreational fisheries.

11 So, how did we get here? So, we
12 started putting together the framework.
13 Obviously we're not operating in a vacuum. We've
14 already heard a lot through a variety of fora and
15 we're continuing to seek input throughout the
16 entire process.

17 We've drawn on a large set of
18 information that was collected over the last few
19 years. We've developed points in the discussion
20 guide based on input we've obtained through
21 action items that you see here on this slide.

22 So, things like the Recreational
23 Summit, the Morris-Deal Commission Report, the
24 Marine Fisheries Advisory Committee.

25 The Agency actually asked the
26 committee which has a recreational subcommittee
27 to develop a list of recommendations on
28 Fisheries' rec fishing policy management and
29 statutory changes. And they put that forward.

30 So we've also drawn on other public
31 engagement events such as Managing Our Nation's
32 Fisheries 3, town hall meetings and we've been
33 working with regional roundtables to figure out
34 what's working and then what's not working.

35 So the final policy will build on all
36 of these. And it will also build on the input
37 that we obtain during the policy outreach process
38 such as this meeting.

39 So, what did we put forward for
40 initial consideration? We've developed a loose
41 framework involving four policy goals.

42 They're intentionally very broad and
43 this is because it's intended to be a national
44 policy. We fully understand that there's no one
45 size fits all for the recreational fishing
46 community given that there's such diversity from
47 billfish in Hawaii to salmon in Alaska.

48 But we believe the policy can be

1 structured in such a way to accommodate all of
2 these interests.

3 So the goals are: foster and enhance
4 sustainable, healthy and diverse recreational
5 non-commercial fisheries and public access to
6 them. Integrate saltwater recreational non-
7 commercial considerations throughout NOAA and the
8 federal fisheries management system.

9 Encourage partnership, engagement and
10 innovation. Enhance transparency, follow-through
11 and long-term continuity of action.

12 And by continuity of action it refers
13 to what I sort of mentioned earlier about the
14 changes of administration and leadership, and how
15 it can sometimes change its focus. So there's
16 interest in maintaining focus on recreational
17 fisheries.

18 I'll show you this slide again as we
19 move into the discussion section, but I wanted
20 you to see them and provide you the opportunity
21 to begin thinking about them as we move through
22 the rest of the slides.

23 So what is the process and where are
24 we at in this process?

25 So, the first phase is phase 1 and
26 that's the input phase. So we're coming to a
27 close for this particular phase. Basically the
28 more input we get the better we're able to
29 understand what stakeholders want. And we're
30 accepting comments all the way up until this
31 Friday.

32 So, I highly suggest if you know more
33 people that would be interested, to get them to
34 provide comment via our website by Friday.

35 So, in the fall, basically the next
36 few weeks, we'll be drafting the policy based on
37 all of the input that we've heard across the
38 region.

39 We'll then vet this document
40 internally. And then once that process has been
41 completed we'll put it out externally for review
42 and comment. And that will be in the later
43 portion of the fall. And the final policy is set
44 to be released in early 2015.

45 So, where have we been? Who have we
46 seen?

47 So, we've held 24 discussions so far.
48 The recreational fishing team has traveled across

1 the country to seven of the eight federal
2 fisheries council meetings. The only one that
3 hasn't been visited is the North Pacific Council
4 and that's scheduled for October 7.

5 They visited all three commission
6 meetings, a state agency webinar. We've held two
7 national webinars and one in-person public town
8 hall held in Silver Spring.

9 Russ has visited Sport Fishing and
10 Boating Partnership Council meetings and the
11 National Marine Sanctuary Advisory Committee.

12 And again, I'm going to remind people
13 over and over again, the input for public comment
14 on this will close -- for this portion will close
15 on Friday.

16 So, what have we heard? So, as we
17 began drafting the discussion guide people began
18 asking NOAA Fisheries what they had in mind and
19 what we were thinking about.

20 How do you define recreational
21 fishing? Who should be considered? And what
22 activities should be considered under the policy?

23 So, we started with some obvious ones.
24 Private non-for-hire fishermen. For-hire
25 vessels. Recreational fishing industry. Does it
26 include bait and tackle shops? Tournaments?
27 Tackle manufacturers and distributors? Non-
28 commercial fishing?

29 So, just for some clarity, if people
30 haven't heard the term, non-commercial, this is
31 what the preponderance of fishermen in Hawaii and
32 the U.S. Pacific Territories tend to call
33 themselves.

34 It encompasses a little bit more than
35 just the normal range of recreational fisheries
36 that we think of here on the mainland. But it
37 actually has a cultural component as gifts, or
38 some barter or even expense fishing.

39 And by expense fishing, it's just what
40 it sounds like. It's selling of some of your
41 catch to pay for your fishing activities.

42 So we were asked by the Council
43 Coordination Committee, which is made up of the
44 eight executive directors, the chairs and vice
45 chairs and NOAA leadership.

46 So we were asked by them to consider
47 expense fishing and subsistence fishing. And we
48 have included them in the discussion guide and

1 have been seeking feedback in the town hall
2 discussions.

3 So for the scope of the policy most
4 people are telling us that the sale of fish,
5 including expense fishing, crosses a bright line
6 for many of the people and it conflicts with what
7 they consider the nature of recreational fishing.
8 And that's with the exception of the Western and
9 Central Pacific.

10 Now, people have broadly expressed
11 that the motivations for subsistence fishing are
12 different from those of recreational fishermen,
13 and people have suggested considering non-
14 consumptive activities such as ecotourism or
15 fish-watching.

16 So, some comments that we've received
17 on the goals. We've heard at every single
18 meeting that we should include a science and data
19 goal.

20 We've had reoccurring themes around
21 consistency from state to federal waters and
22 state to state, as well as providing additional
23 stability for in-season and season-to-season.

24 Constituents want us to have the
25 stronger state-to-federal partnerships.

26 We've also been reminded at meetings
27 that abundance drives recreational fisheries,
28 that there's a singular recreational community
29 with diverse needs and there's a fishing culture
30 with the communities.

31 So now it's your turn. What are your
32 thoughts?

33 I want to suggest these questions and
34 put them in your mind as we move forward through
35 the discussion and onto the next slide which will
36 have the four main goals.

37 So, just take a quick look at these.
38 Do these goals make sense? What's missing from
39 this picture? What should be here? Are there
40 components here that you don't think belong here?
41 Are you concerned with any impacts that are
42 related to these discussion concepts?

43 And again I'll refer you back to your
44 discussion guide. It includes a number of sub-
45 bullets which can be thought of as potential
46 amplifying statements or refining statements that
47 are concepts on which we would appreciate input
48 as we consider what should be included in the

1 draft policy.

2 So I'll go ahead and open it up for
3 discussion.

4 FACILITATOR LEA: Okay, so if folks
5 have some thoughts. It looks like Stephen is our
6 first person with some ideas.

7 MR. IWICKI: Steve Iwicki,
8 recreational.

9 First I want to say to Margo and the
10 team you do a great -- particularly Brad, you
11 guys do a great job with this very diverse group
12 of stakeholders. It's very professional and
13 polite in all the discussions. I think you
14 deserve a real good kudo for that, the way you
15 conduct the meetings.

16 Related to this particular policy the
17 one thing I think is missing is education. It's
18 nowhere in your goals. Maybe goal 3 is the right
19 place. Because education can help do away with a
20 lot of the negative perceptions.

21 You know, the perception that any
22 government organization has when you look at
23 recreational fishing is kind of tied to you're
24 killing off my bag limits. In the Mid-Atlantic
25 it's all about fluke and sea bass. And the
26 arguments of how fluke is different in the
27 various states, and sea bass, well there's a
28 shortage, those kinds of things.

29 And it doesn't matter if you're local,
30 state, or federal. You're all thrown into that
31 same view of there's no science to back up what
32 you're doing.

33 So if you can start to educate a
34 little bit better. And I think this ties all the
35 way up to self-reporting on HMS issues too.

36 In general the recreational community
37 was really appreciative of the additional bluefin
38 retention this year, particularly those of us
39 just below Egg Harbor.

40 And I'll tell you in June that there
41 was some more catches. I personally witnessed a
42 few guys coming back with their limits and all.

43 But in my sidebars with Brad, and
44 we're going to continue this later, it doesn't
45 sound like there was a spike in any of the
46 reporting to go with those additional catches.
47 So I think that ties back to education as well.

48 And then lastly, the survey calls that

1 go out -- and this kind of ties into rec is why
2 I'm doing it now.

3 There was a lot of social media buzz
4 this summer about one question in particular - do
5 you sell your catch.

6 And this whole thing started,
7 interestingly enough there seemed to be, whether
8 it was random or not, a surge in calls in kind of
9 the New Jersey region in the month of August.

10 I personally got two back-to-back ones
11 in a two-week period and it was a pretty big
12 thread on the Bass Barn if you're familiar with
13 that.

14 And everybody to a tee was hung up on
15 the question of do you sell your catch like it's
16 -- are you trying to entrap me in something.

17 Now, talking with Brad it seems like
18 the random generation could include charters or
19 other things, and maybe there needs to be a
20 gateway at the first question. Are you a rec
21 permit-holder? Which they asked me and I said
22 yes. That question maybe doesn't apply unless
23 you're really trying to catch something.

24 But it created such a negative
25 perception. Again, going back to education, that
26 it could degrade the amount of people that are
27 doing the voluntary reporting. So I would just
28 throw that out there.

29 And then if it is really random it was
30 amazing to hear the surge that happened in
31 August. And if you're really trying to get your
32 bluefin data June would have been the month when
33 all the bluefin were really there. So, those are
34 my comments. Thanks.

35 FACILITATOR LEA: Thank you. Other
36 comments? Thoughts? Questions? Ideas?
37 Concerns? Marcos?

38 MR. HANKE: Yes. I participate in
39 Puerto Rico when they went to visit after the
40 council meeting about the same thing.

41 And I want to address this now because
42 with the people they have been talking about and
43 everybody agree to know where we are standing in
44 terms of all the states around the nation the
45 definition of recreational fishermen on the state
46 level.

47 Like this we can make a much better
48 opinion or definition ourselves. And because

1 those state definitions will address cultural and
2 particular aspects from each region. And I think
3 it's something that should be included on the
4 presentation at some point.

5 FACILITATOR LEA: I see Mike and then
6 I see Andrew. Mike?

7 MR. SISSEWINE: Yes, thank you. I
8 certainly appreciate and respect the agency's
9 effort on this and understand the potential value
10 of a policy.

11 But I have to say as a number of
12 people in this room who have been around a long
13 time, there's a lot of deja-vu. There have been
14 a lot of policies and committees and so on and so
15 forth.

16 And I sort of get concerned about it
17 again being something that's hard to disagree
18 with in terms of these nice statements but don't
19 necessarily materialize into substance.

20 I mean, it's hard to disagree with any
21 of those. In fact, they apply to virtually
22 everything, not just recreational fishing.

23 So, you know, I really think that the
24 agency should be thinking about some more
25 tangible actions.

26 And while I know all fisheries
27 management is local and all those tangible things
28 will occur at the local level there can be some
29 larger initiatives that tackle things in a bigger
30 way that really are specific to needs of
31 recreational communities.

32 I mean, people have identified the
33 need for new science. And clearly we all agree
34 with that. But it might be more than just saying
35 we're going to add another priority to do some
36 stock assessments of a recreational species,
37 whatever that might be.

38 It might mean recognizing that in
39 addition to the fishery-dependent data streams
40 which people spend a lot of time on there
41 probably need to be new data streams that are
42 fishery-independent.

43 As somebody who's led a lot of the
44 science programs in the agency I know how
45 impractical it is in most cases to run tagging
46 programs for things like haddock on George's Bank
47 for a stock assessment.

48 But maybe some of the traditional old

1 ways of getting data for coastal fisheries such
2 as tagging might have more of a role if one puts
3 a focus on recreational fishing.

4 I'm not saying that's true or false,
5 I'm just trying to get the point across that it's
6 not just enough to say we're going to do more
7 assessments, for example.

8 You want better science but people
9 have to think about new scientific programs that
10 actually collect data that's more suited to the
11 requirements for the species that are mostly
12 recreational.

13 If you want to really have an impact
14 in demonstrating a different way of thinking
15 about the recreational fisheries one needs to
16 really consider whether the tools that are being
17 used to manage recreational fisheries are really
18 the right tools.

19 I mean, basically we have a federal
20 law that I don't think I'd be talking out of
21 school, but saying that most of the people who
22 wrote it were thinking about commercial fisheries
23 and we put recreational fisheries under them.

24 I actually have personal memories of
25 the first time that really occurred. And pardon
26 me if I digress, but the first groundfish plan in
27 New England in about 1977 was being written.

28 And the agency had a recreational
29 fishing coordinator in Washington, D.C. then.
30 All of you involved in HMS may remember him. His
31 name was Dick Stone.

32 So he came to Woods Hole and told us
33 that we couldn't just do this for groundfish in
34 New England because there was a huge cod fishery
35 by recreationalists. And we needed to consider
36 that.

37 The agency solution was to put a quota
38 on recreational catch of cod, even though it had
39 no idea how it would measure it or whether the
40 data were valid.

41 So I do think that if you're really
42 going to make progress in the recreational area
43 one needs to think about whether the framework
44 and the tools are really right. Is MSY the right
45 concept for thinking about management of
46 recreational species?

47 I'd even go beyond that and say at
48 some stage there might be the value of actually

1 identifying some species that are recreational
2 species.

3 And that doesn't mean that commercial
4 can't touch them at all, but it just means that
5 you identify that their primary value is going to
6 be for recreational and therefore you're going to
7 design your program with that in mind.

8 That's essentially what's happened
9 with striped bass which I think most of us would
10 view as a success.

11 So, I'm sorry for carrying on but I
12 just think that if one is really going to have a
13 major impact on demonstrating the agency really
14 is up to the task of looking after healthy and
15 sustainable recreational fisheries I think one
16 does have to do some bold things and take some
17 steps in demonstrating it.

18 Because the sort of general discussion
19 is about 35 years old and not very new. Thank
20 you.

21 FACILITATOR LEA: Thank you. Did you
22 want to respond specifically to that? Oh, okay.
23 Well, there's actually a few people. Okay, go
24 ahead.

25 MR. AUGUSTINE: I want to follow up
26 with what Mike said.

27 This is another document that it
28 appears at the onset it's another, I call it a
29 coffee table document that will look really good.
30

31 And if you make enough editions of it,
32 copies of it, I have some good wax at home that
33 if you send me four or five boxes of it I could
34 roll them up and soak them in wax for about three
35 days and they make good fireplace logs.
36

37 That seems pretty nasty, but it's
38 reality. And here's a document that's overlying
39 what the councils do or should be doing.

40 And you did say here we've been
41 talking to lots of people. Seven of the eight
42 federal agencies, all commissions, public hall
43 meetings, state agencies, Mid-Atlantic, and so
44 on.

45 Embedded in this document are general
46 I guess I would say philosophical statements that
47 sound good. They look good like motherhood,
48 Coke, apple pie, cookies and that sort of thing.

1 I'm not trying to be nasty, I'm just
2 being honest. It's another document that people
3 sit around the table and say nice things about.

4 The reality is that the commission or
5 commissions I think for what they're doing
6 relative to recreational anglers and commercial
7 anglers, and how they're approaching some of the
8 issues that you've identified here all hinge back
9 and go back to the Magnuson-Stevens Act when we
10 talk about fair and equitable treatment for
11 commercial and recreational anglers and all
12 participants to the best advantage and interest
13 to the country.

14 What we have, however, is as Mike has
15 said a heavy emphasis on commercial. And most of
16 our fisheries over the years have been driven by
17 commercial requirements.

18 And only recently again as this has
19 evolved there's been more emphasis on the
20 recreational sector and the value that they bring
21 to the economics of the country.

22 Another overall statement, however,
23 that we're putting together here is that another
24 overlay or umbrella over what the organizations
25 are presently charged with -- again, the councils
26 and the commission -- and is it going to be
27 nothing more than a tabletop document or another
28 motherhood statement?

29 Those are kind of rhetorical
30 questions. And I guess the real answer is are we
31 going to do more than talk about fostering,
32 enhancing, integrating, encouraging transparency.
33 Are we going to talk about anything more than
34 that? What are the action elements that we're
35 really going to do?

36 So, I think that's where I'm coming
37 from. As I said, I'm not trying to be nasty.
38 I'm trying to be very objective about it.

39 But we're creating another group of
40 people. We've excited recreational folks about,
41 wow, we have this national group and we're going
42 to do something.

43 But at the end of the day are we
44 really going to accomplish what we're trying to
45 accomplish other than making another motherhood
46 statement?

47 And again, Randy, I don't want to
48 throw saltwater on this. I'm trying to get a

1 feeling for do we really need to go much further
2 than this, other than having a national statement
3 without supplying either new statistical
4 information or scientific information that will
5 allow managers to manage better, to make better
6 decisions.

7 It just seems like there's so much
8 more want and need for the money that's going to
9 be spent on doing this, and making another
10 statement, and will it really accomplish
11 anything.

12 So, I think some of the people around
13 the table may be thinking the same thing but
14 won't say it. And I'm the old guy so I will say
15 it.

16 But in reality I really would like to
17 get some answers to those questions. And I do
18 know someone has an idea that this is going to
19 accomplish something more than just make a bunch
20 of statements.

21 I don't know who that person is. And
22 if they have the money to back up what they want
23 to do here, what they say they're going to do.
24 So, that's my two cents, Randy.

25 MR. BLANKENSHIP: Thanks, Pat. So,
26 you said a couple of things here.

27 Is that -- you know, I think that --
28 first of all, the statements that are made here
29 and the goals that we're asking for comments on
30 are intentionally broad, they're intentionally
31 high-level.

32 They're intended to help guide the
33 agency at that very high level in the things that
34 they do related to recreational fisheries.

35 For instance, there are and have been
36 developed regional recreational fishing agendas.
37 And we spent some time within this group
38 discussing those and developing those.

39 And a lot of the -- well, the goals
40 that are discussed here are things that will help
41 formulate and continue to drive those regional
42 plans over time.

43 And so you can see how within a very
44 large agency and a very large country that
45 specifics, you know, regional specifics for
46 specific fisheries and how those are addressed in
47 the recreational fisheries are going to show up
48 in those regional plans a lot, I guess, more

1 practically than they will necessarily in this
2 very broad-brush, large, high-level set of goals.

3 And the other thing I'll say is that
4 talking back historically, I think that there was
5 some discussion about in looking at some of the
6 agency objectives and goals from many years ago,
7 decades ago, and looking at that and thinking
8 that there was an absence of recognition of
9 recreational fisheries in that.

10 And so I think it was -- some of the
11 folks in leadership and at Eileen Sobeck's level
12 and that kind of thing, that in some of their
13 thinking in recognizing that there needed to be
14 some mention of recreational fisheries there.

15 And actually in the course of that it
16 was discovered that in fact there was mention of
17 recreational fisheries about in the '80s or
18 something like that, but it seemed to have kind
19 of fallen away from those kind of high-level set
20 of objectives.

21 And so adding them back in now and
22 developing this basically recognizes the
23 importance of recreational fisheries at that
24 policy level that helps the agency then follow up
25 with more practical regional application.

26 MR. RUAIS: Fair enough. Again, I
27 came on pretty heavy but I'm, again, concerned
28 that we end up doing more than just -- that we do
29 more than just creating another policy, if the
30 intent of this whole action is to create that at
31 a national level as an "umbrella" policy.

32 But without following up with any
33 financial support to do the things that we're
34 going to try to do or we'd like to do in the
35 statement, I think that's my concern.

36 And I think you're alluding to the
37 fact that this will serve as the basis for all of
38 that to possibly in the future draw on some
39 funding to possibly do some of these things.

40 But if that's the case, that's fine.
41 I hope I'm around to see it. Thank you.

42 MR. BLANKENSHIP: Thanks. And just
43 one final thing is to say that if you do have
44 suggestions that are not necessarily specific to
45 these goals, that are specific to HMS we'd like
46 to hear those too. Because they will help us as
47 we continue to think about the next update of
48 that HMS recreational fishery agenda.

1 FACILITATOR LEA: All right, Andrew
2 and then Lisa and then Anna.

3 MR. COX: I just want to say thanks.
4 It's the first time I've been part of this
5 presentation where red snapper has not been the
6 dominant factor.

7 But I appreciate everything that you
8 guys have done and TBF will be putting a full
9 statement together for you by Friday.

10 But I think as echoing, as other
11 people at the table have said, is the importance
12 of clearly defining "recreational fishing." I
13 know in some areas you're going to have cultural
14 differences.

15 But particularly when it looks at HMS
16 species we have a lot of gray areas, whether it's
17 between charter and angling -- charter and
18 general category, or angling and the guys trying
19 to black market sell these swordfish.

20 Inside the agency it is a very
21 important thing that we have a clear definition
22 of "recreational fishing." And I know you've
23 heard it at all your 24 meetings or whatever
24 you've been at. But I just wanted to echo it
25 here that it is something that we are very
26 passionate about at TBF.

27 And then going to number 3 is
28 encourage the partnership engagement of your
29 recreational fishing community. I've had several
30 conversations with Randy about this.

31 We handle fishing different than the
32 way we handle hunting in this country. Whereas
33 you have to go and take classes and things to
34 learn how to properly manage that resource.

35 And the reason why those departments
36 are doing the things, why they're managing deer
37 or alligator in a particular fashion is because
38 it's right there where everybody can see.
39 Whereas with fish it's a little bit different
40 because we can't always see them.

41 But when it goes to managing those
42 participants in that outdoor activity we handle
43 them differently.

44 And I think that as a country or
45 developing going forward we need to look and make
46 our anglers actively engage and participate in
47 the resource. Whether it's an identification
48 class before they can buy that fishing license

1 online. I know these are very specific, but I
2 think that if we demand more from the anglers
3 we'll get a better outcome.

4 And if we show them a reason for doing
5 particular things. So with that, I mean this
6 will all be included in our statements, but thank
7 you.

8 FACILITATOR LEA: Lisa?

9 MS. GREGG: I just have a couple of
10 questions since I think I'm going to be
11 responsible for writing our agency's comments on
12 this by Friday.

13 It's not really clear what the
14 application of this policy is going to be. Is it
15 just supposed to direct the Federal Marine
16 Fisheries Management System? Or is it supposed
17 to -- like is there situations when -- or is it
18 supposed to apply to federal waters?

19 Because there are times when states,
20 and we are allowed to pursuant to the Magnuson
21 Act, we extend our regulations into federal
22 waters. So, there are situations where there are
23 state-managed fisheries in federal waters.

24 So I'm trying to just understand the
25 applicability of this policy. In what
26 situations.

27 MS. SCOTT: So, yes. This is an
28 internal policy. This is how NOAA Fisheries will
29 be moving forward on issues relating to
30 recreational fishing.

31 This is covering federal waters.
32 We're not trying to overstep our bounds. This is
33 just how we're making decisions and having this
34 guiding set of principles to lead us in that
35 decision-making process.

36 There are regional administrators that
37 sit on all eight of the councils and it's how
38 they will take the information that they're
39 hearing at the meetings and how they make their
40 decision when they vote. And so these are just
41 guiding principles for those.

42 MS. GREGG: One more question. Okay,
43 so in these policies we shouldn't focus on
44 providing any input on, like, shore-based
45 fishing. Because I'm thinking like the sharks.
46 That's HMS. That's -- a lot of shore-based
47 fishing occurs for those species.

48 So, I mean in making our

1 recommendations on helping to achieve these goals
2 we should not be considering shore-based fishing
3 activities.

4 MS. GREGG: We'll accept any comments
5 and any suggestions. Basically it is going to be
6 on federal waters.

7 But any information that we've
8 received from the public and from any other fora
9 we take to the states as well because we want to
10 increase our state and federal partnership. So
11 any information that we do receive we'll then
12 pass on to those that -- any of the states that
13 would be affected.

14 But yes, if you keep them to federal
15 fishing that's primarily what we're looking for.

16 FACILITATOR LEA: Anna?

17 MS. BECKWITH: Thanks. I'm looking at
18 this through the eyes of a for-hire industry
19 person. And I kind of read through the scope of
20 the policy and how you're defining recreational
21 fisheries.

22 And you're retaining for-hire vessels
23 and potential for-hire fishing within that
24 definition of recreational fisheries.

25 And then I flip over to the next
26 couple of slides where we talk about consistency
27 and stability and opportunities and access, all
28 things that are clearly important to the for-hire
29 industry.

30 But once I get to the policy we talk
31 about integrating saltwater, recreational and
32 non-commercial considerations. And you kind of
33 lose that vision of the for-hire. It doesn't
34 necessarily translate across.

35 And at the council levels I know
36 there's discussions about separating ACLs for
37 recreational and for hire. And having additional
38 logbook and reporting requirements, including
39 electronic logbook and mandatory bycatch
40 reporting requirements for the for-hire industry.

41 So, while they're clearly not
42 commercial they are also clearly not
43 recreational. And they're not treated the same
44 with potential reporting burdens. And especially
45 if we start considering separating ACLs out for
46 some of these sectors.

47 So, my concern or my caution would be
48 that these policy goals either kind of clearly

1 define something, you know, some kind of policy
2 orientation towards the for-hire, or it separates
3 them out completely and there is a separate
4 policy thought process that's created for the
5 for-hire industry. Thanks.

6 FACILITATOR LEA: Any other comments
7 or concerns? Thoughts about this issue? All
8 right.

9 MS. SCOTT: Is it okay if I just do a
10 quick recap?

11 FACILITATOR LEA: Yes, yes,
12 absolutely.

13 MS. SCOTT: Okay, so just to recap.
14 I want to remind you that the policy again is
15 just a set of high-level principles that will
16 help guide the agency when they make decisions.
17 And it's to help ensure accountability. That's
18 NOAA Fisheries accountability.

19 And again, the comment session closes
20 on Friday. So if you do have comments or know
21 interested parties please let them know.

22 All of the meeting summaries are
23 available online for every one of the meetings
24 that I've discussed. One of the national
25 webinars is also available online where Russ is
26 actually walking through the process. And so
27 that video is available online as well for people
28 who missed out on the in-person.

29 And again, be on the lookout for the
30 draft policy that will come out later at the end,
31 basically the later portion of fall. And again,
32 that will be open for comment as well.

33 FACILITATOR LEA: All right. Well,
34 that puts us a little ahead of schedule which
35 might be good because Amendment 9 will probably
36 engender quite a bit of comment.

37 And also, as I noted there will be
38 time later if folks still wanted to talk about
39 Amendment 7 with Brad or Margo.

40 So, are the international port
41 inspection transshipment and unique vessel folks
42 here? You want to just move on to you guys?
43 Then we can take a break after since we kind of
44 had a late lunch anyway if that works for people.

45 MR. PEARSON: Good afternoon. My name
46 is Rick Pearson. This afternoon I'm going to
47 discuss a proposed rule regarding transshipment,
48 port inspection and vessel identification.

1 Actually, we're very fortunate to be
2 able to discuss this this afternoon as the
3 proposed rule just filed with the Federal
4 Register this morning and it will publish
5 tomorrow. So we got it just in the nick of time.

6 A quick outline of the presentation.
7 I'll provide a little bit of background regarding
8 the foundation of this proposed rule. That would
9 be ICCAT Recommendations 12-06, 12-07 and 13-13.

10
11 Then I will discuss the specific
12 regulatory changes that are contained in the
13 proposed rule regarding transshipment,
14 international port inspection and the need to
15 obtain a unique vessel identifier. Specific,
16 that refers to an international maritime
17 organization number or a Lloyd's Registry number.

18 Then I'll briefly discuss the
19 ecological and socioeconomic impacts, the
20 timeline for publishing the final rule and then
21 provide some information on submitting comments.

22 So, ICCAT Recommendation 12-06
23 addressed transshipment. It strengthened ICCAT's
24 existing program for transshipment. It expanded
25 coverage to all ICCAT species whether they are
26 transshipped within or outside of the ICCAT
27 Convention area which is the Atlantic Ocean and
28 its surrounding seas.

29 It eliminated a broad exemption that
30 had existed for vessels less than 24 meters.

31 And it increased observer access to
32 documents onboard both the transshipping and the
33 carrier vessels.

34 Recommendation 12-07, International
35 Port Inspection. There's two elements to that.
36 There's port state responsibilities as well as
37 flag state responsibilities.

38 So, the port states. Requires the
39 designation of ports where foreign fishing
40 vessels can land or transship ICCAT-managed
41 species. Requires advance notice from foreign
42 fishing vessels seeking to enter those ports.
43 And it allows port states to decide whether or
44 not to grant entry to such vessels in
45 consideration of the information received.

46 Just at this point I'd like to
47 emphasize that these recommendations were
48 primarily intended to reduce IUU fishing,

1 illegal, unregulated and unreported fishing.

2 So, a lot of these regulations already
3 existed, but in 2012 they just tried to
4 strengthen these regulations to reduce the amount
5 of IUU fishing that had been occurring.

6 The flag state responsibilities. For
7 the master of the ship to take necessary action
8 to facilitate safe access to the fishing vessel
9 by authorized officers of the port state.

10 The master and the crew must cooperate
11 with the competent authorities of the port state.
12 They should facilitate inspection and
13 communication, and not interfere with port
14 inspectors in the execution of their duties. And
15 they must provide access to additional areas and
16 items on the vessel.

17 Again, these regulations were already
18 in place, but in 2012 they strengthened them.

19 When I indicate additional items on
20 the vessels, as an example of that that would
21 include that they have access to the electronics
22 onboard the vessel as well now. So just kind of
23 an evolution of these items.

24 And then finally, ICCAT Recommendation
25 13-13. It's actually quite long, but the main
26 item that is contained in this proposed rule
27 would require vessels greater than or equal to 20
28 meters to obtain an IMO/LR number by no later
29 than January 1, 2016.

30 So those are the recommendations.
31 These are the actual regulatory changes that are
32 contained in the proposed rule.

33 The main one here really is the
34 transshipment regulations. The other two,
35 international port inspection and unique vessel
36 identifier, don't necessarily contain any real
37 regulatory changes.

38 But we, the U.S., is informing our
39 vessels of some of the requirements if they are
40 offloading or transshipping HMS in foreign ports.

41 So, for transshipment we propose to
42 amend the HMS regulations to prohibit the
43 transfer of tuna, tuna-like species, or other HMS
44 both in port and at sea.

45 And it also expands the prohibition to
46 include transfers of these species outside of the
47 Atlantic Ocean and its surrounding seas.

48 For international port inspection we

1 are simply informing U.S. vessel operators of
2 updated information regarding notification prior
3 to port arrival items that may be inspected by an
4 authorized official of a port state and the
5 procedures for reporting the results of any port
6 inspection.

7 And again, this would only apply to
8 vessels that are offloading HMS in foreign ports.
9 So just letting them know what they might expect
10 if they're offloading HMS in a foreign port.

11 And finally, unique vessel identifier.
12 Inform owners of vessels greater than or equal to
13 20 meters of the need to obtain an IMO/LR number
14 and to include that number on their permit
15 application by no later than January 1, 2016.

16 We don't necessarily have any
17 implementing regulations for that. We already
18 have the ability to amend the permit
19 applications. We are going to have to -- this is
20 getting a little bureaucratic -- but amend the
21 PRA, the Paperwork Reduction Act submittal for
22 the permit applications. And at that point in
23 time -- and that goes out for public comment as
24 well.

25 And at that point in time we would be
26 able to add a field onto the HMS permit
27 applications.

28 So, the ecological and socioeconomic
29 impacts. We do not anticipate any significant
30 effect on the environment, nor do we anticipate a
31 significant economic impact. Of course, this is
32 subject to further consideration after public
33 comment.

34 With regards to transshipment,
35 transfer at sea is already prohibited. The main
36 change here is that we're also specifying that
37 transfer in port is prohibited.

38 However, transfer in port is already
39 effectively prohibited because highly migratory
40 species may only be sold or offloaded to
41 permitted dealers.

42 And there have been no known transfers
43 of HMS by U.S. vessels outside of the Atlantic
44 Ocean. That would include the Panama Canal or
45 the Pacific Ocean.

46 The port state measures simply inform
47 constituents on what may be expected when landing
48 HMS in foreign ports but impose no new

1 requirements.

2 And again, we are just simply giving
3 a heads up and notifying our constituents of the
4 need to obtain an IMO/LR number.

5 Our goal is to publish the final rule
6 before the November 2014 ICCAT annual meeting.
7 The purpose of this rule is to ensure U.S.
8 compliance with ICCAT recommendations and to
9 facilitate the implementation of international
10 monitoring, control and surveillance measures for
11 Atlantic HMS by the United States.

12 Again, the rule will publish tomorrow.
13 We're having one conference call webinar to
14 discuss it. That's a week from Friday. The
15 information to participate in that webinar is in
16 this slide.

17 To submit public comments on the rule
18 go to www.regulations.gov. The keyword -- this
19 is important -- NOAA-NMFS-2014-0063. Or you can
20 mail comments to myself.

21 The comment period closes October 14.
22 So normally for these types of rules we have a
23 30-day comment period, but because that falls on
24 a Saturday and then the following Monday is
25 Columbus Day you all get three extra days to
26 comment on this rule.

27 And that's it. Right now I'll take
28 any questions and comments as well.

29 FACILITATOR LEA: Rick?

30 MR. WEBER: I was there at ICCAT that
31 year and I know that the recs were specifically
32 excluded from that recommendation. Are we
33 excluded again?

34 MR. PEARSON: That's correct. I
35 assume that you're referring to the need to
36 obtain the IMO number?

37 MR. WEBER: Yes.

38 MR. PEARSON: Yes. It's just
39 commercial vessels.

40 FACILITATOR LEA: Terri?

41 MS. BEIDEMAN: Just a couple of
42 questions. So the transshipping just refers to,
43 even though other people may define it -- between
44 two vessels, is that correct? Okay.

45 MR. PEARSON: Movement of fish between
46 two vessels, correct.

47 MS. BEIDEMAN: Okay. Do you know if
48 there's any fee involved in getting one of those

1 IMO numbers or what kind of hoops folks will have
2 to jump through if they do need to get them? I'd
3 love to hear it.

4 MR. PEARSON: My understanding is that
5 they are free. And in the proposed rule I've
6 provided the website. It's -- IHS Fairplay
7 issues them. So I provided the website and you
8 can go right to there and fool around with it.

9 While we were developing this rule we
10 noticed one thing. There are several vessels
11 that are on the U.S. 20 meter list that are 20
12 meters or greater. However, they are less than
13 100 gross tons.

14 And so currently our understanding is
15 that IHS Fairplay will only issue IMO numbers to
16 vessels that are 100 gross tons or larger.

17 The ICCAT recommendation is based upon
18 length, but the IHS Fairplay determination is
19 based on tonnage. So we're trying to get
20 resolution of that issue right now.

21 If we had resolution of that issue we
22 could have submitted the Paperwork Reduction Act
23 for this. But we're still working to determine
24 whether or not IHS Fairplay will issue IMO
25 numbers to vessels less than 100 gt.

26 MS. SCHULZE-HAUGEN: One additional
27 point here is that the recommendation has a
28 provision where if a vessel is unable to get an
29 IMO number there's a -- we would have to report
30 on that.

31 And so that's where we -- if IHS won't
32 issue it then we would say why, include that in
33 the PRA so that we have that information and can
34 report on it.

35 We're hoping that they will issue the
36 number for all of the vessels, but that's the
37 point.

38 MS. BEIDEMAN: So if they don't or
39 won't then you'll issue a letter of authorization
40 or some such thing waiving them from this
41 provision?

42 MS. SCHULZE-HAUGEN: We would likely
43 process the application. If the vessel is unable
44 to obtain it and has tried we would issue the
45 permit.

46 If the vessel owner fails to provide
47 it, hasn't gone through the process, then the
48 permit would be considered incomplete.

1 FACILITATOR LEA: Shana?

2 MR. MILLER: Thanks. Excuse my
3 ignorance about the history of this, but for
4 ICCAT Recommendation 12-06, was the transshipment
5 one? Was there a delay in implementation as
6 there was with the UVI recommendation? So is it
7 a problem?

8 I know that you said that the U.S.
9 basically isn't transshipping anyway. Is that
10 why we're not out of compliance? Okay.

11 MR. PEARSON: It's already effectively
12 prohibited in the U.S. So there wasn't a real
13 urgency.

14 However, we do want to implement this
15 to demonstrate, you know, to strengthen our
16 regulations and to demonstrate U.S. compliance
17 with this because it is an important component of
18 international management of these species.

19 FACILITATOR LEA: Terri?

20 MS. BEIDEMAN: Sorry. So, the port
21 state responsibilities. Are we in contemplation
22 of allowing foreign countries to be able to
23 offload their fish in the United States? Are we
24 in some obligation to contemplate that?

25 MS. SCHULZE-HAUGEN: So we are a port
26 state obviously and one of the requirements is
27 that we let ICCAT know of the ports where foreign
28 boats could come in.

29 We have notified ICCAT that all of our
30 ports are open to it, but also noted to them that
31 we have a number of other statutes that may
32 affect what vessels can do, including offload.

33 So, it's kind of the interplay of the
34 different statutes that effectively there's no
35 offloading in our ports, although foreign boats
36 can still come in. Coast Guard is the one that
37 takes those notifications and does any
38 inspections on the U.S. Government's behalf. But
39 they should not be offloading.

40 FACILITATOR LEA: Scott?

41 MR. TAYLOR: But we do allow other
42 foreign vessels to transship through the U.S., is
43 that correct, Margo? So in other words, a vessel
44 landing in Trinidad, a Japanese Maru can load a
45 container full of yellowfin, send it through
46 Miami and then send it on to Japan. That we do
47 allow, correct?

48 MS. SCHULZE-HAUGEN: I don't think

1 that is considered actually entering U.S.
2 territory. If it's in bond it's basically not
3 U.S. ground.

4 MR. TAYLOR: So if it's in bond it
5 would be exempt.

6 FACILITATOR LEA: Terri, did you have
7 another question or comment? No? Okay. Any
8 other questions or comments? No?

9 MS. SCHULZE-HAUGEN: So, we have a bit
10 of a timing issue at this point. I'm thrilled
11 that we are ahead of schedule, but we've got some
12 of the shark folks that are attending the
13 smoothhound assessment webinar in another room.
14 And I think some of the AP members, I think that
15 was scheduled to go through till 3:30 or so.

16 So maybe if we took a break until then
17 and then we'll come back. And then they should
18 be done and we can start with Amendment 9. Does
19 that sound -- 3:30?

20 FACILITATOR LEA: Yes, there was about
21 a half hour break scheduled for the afternoon
22 anyway so that would be about right.

23 So, if we want to take a break until
24 about 3:30 and then we'll reconvene then.

25 (Whereupon, the above-entitled matter
26 went off the record at 3:05 p.m. and resumed at
27 3:34 p.m.)

28 MS. SCHULZE-HAUGEN: Let's go ahead
29 and get started. Before we start talking about
30 Amendment 9 I wanted to get back with a couple of
31 the earlier questions.

32 So, specifically, Bob, to you on the
33 international report on shark bycatch. We
34 checked in with the International Affairs folks
35 and that report should be submitted to Congress
36 in January. And so that's where that is. It's
37 not out yet.

38 And then to Andrew -- oh, did you have
39 one more?

40 MR. HUETER: So is HMS given an
41 opportunity to review that before it gets
42 released? Because, I mean you guys, you're the
43 ones with the expertise in this area.

44 MS. SCHULZE-HAUGEN: Well, so what it
45 is, it's a review of what's been submitted about
46 other countries' laws and regulations comparing
47 to U.S. domestic.

48 So we have certainly shared and

1 provided what the U.S. domestic laws are, the
2 statutes and things that we're operating under.

3 But in terms of comparing other
4 countries' information we'll likely be involved
5 in discussions but that's not really.

6 And so, Andrew, your question about
7 the number of general commercial swordfish
8 permits. So we have a little over 300 of those
9 permits that have been issued.

10 The comparison to angling category.
11 Now, we're midyear but we're on pace to be
12 roughly the same, maybe even a little higher than
13 we were in 2013.

14 The number of general category
15 bluefin-only permits actually is down a little
16 bit. But again, there are now dual permits of
17 general category for bluefin and general
18 commercial swordfish that has increased. So I
19 think we're not seeing a large move, yes.

20 MR. DURKEE: All right, good
21 afternoon. My name is Steve Durkee. I'm based
22 up here in headquarters and I'm going to present
23 Amendment 9 to you guys.

24 Is that volume okay? No feedback or
25 anything? All right, great.

26 All right. So moving right into it.
27 Here is an outline of this action.

28 You'll notice that the first three
29 items up here are smoothhound shark-specific
30 items with one that is specific to smooth
31 dogfish.

32 And the last two are addressing the
33 Atlantic shark gill net fisheries more generally.

34 All right. Although this amendment
35 largely does focus on smoothhound sharks the
36 primary commercial fishery at this time is in the
37 Atlantic region and they're directing effort on
38 smooth dogfish.

39 For this reason a lot of our
40 background information on landings is specific to
41 smooth dogfish in the Atlantic region.

42 Okay, so a bit about terminology. The
43 smoothhound sharks. Smoothhound sharks are a
44 mustelus species that are found in U.S., Atlantic
45 and Gulf of Mexico waters. This includes Florida
46 smoothhound, Gulf smoothhound, and smooth
47 dogfish.

48 These species are very difficult to

1 tell apart. For that reason most of the measures
2 that apply to one apply to all. For example, the
3 quota applies to all smoothhound sharks.

4 A notable exception would be the
5 smooth dogfish-specific provision of the Shark
6 Conservation Act.

7 Now, in SEDAR 39 which is the current
8 ongoing stock assessment for smoothhound sharks
9 they've split that complex into two regions - the
10 Atlantic region and the Gulf of Mexico.

11 In the Atlantic they're finding that
12 it's mostly -- almost exclusively, rather, smooth
13 dogfish. And in the Gulf of Mexico all three of
14 those species are found - Gulf smoothhound,
15 Florida smoothhound and smooth dogfish.

16 All right, so getting into landings.
17 Here's some commercial smooth dogfish landings by
18 year from '98 to 2013.

19 You notice that landings were fairly
20 stable until, say, 2008 or 2009. Then there was
21 a big peak in 2010 with landings slowly
22 decreasing since then.

23 There's four states that are primarily
24 responsible for most of those landings. That's
25 North Carolina, Virginia, New York and New
26 Jersey.

27 And this is actually a really
28 interesting graph. If you notice here in the
29 purple this is the North Carolina landings.

30 And here on this first point, this is
31 January. There's a small commercial fishery when
32 the species is off the coast of North Carolina
33 offshore.

34 Then the species moves inshore as the
35 waters warm. You see that spike for North
36 Carolina there in, say, late winter, early spring
37 when the fishery really starts picking up.

38 Those fish then move up the Atlantic
39 Coast. That's when landings decrease off of
40 North Carolina and increase on Virginia there in
41 the green.

42 And then again they continue to move
43 up the coast and the New York and New Jersey
44 fishery picks up until that water cools.

45 They move back down south and that's
46 when you see that final peak there in North
47 Carolina around November for a late fall/early
48 winter fishery.

1 All right, so here's the commercial
2 catch broken out by gear type. I understand that
3 some of these gear types across the x axis are
4 probably pretty hard to read, but the biggest
5 takeaway is that first column. That's the sink
6 gill net landings.

7 This fishery is predominantly executed
8 through -- prosecuted with the sink gill net
9 gear. Almost exclusively you can see compared to
10 other gear types.

11 All right, so onto the actual proposed
12 measures within Amendment 9.

13 The first item will be to establish an
14 effective date for previously adopted smoothhound
15 shark measures.

16 Two rules in the past have addressed
17 smoothhound sharks - Amendment 3 which included
18 things such as the research set-aside quota,
19 accountability measures, permit requirements, et
20 cetera.

21 Two things that would not be
22 implemented under Amendment 3 would be the quota
23 and the fins-attached requirement. Both of those
24 are going to be reexamined in this action.

25 The second rulemaking is the 2011 HMS
26 trawl rule which allows smoothhound sharks to be
27 retained when they're caught in trawl gear at a
28 level not to exceed 25 percent of the total
29 catch.

30 Now, implementation of these measures
31 was delayed for several reasons. It was delayed
32 to allow time for OMB approval of the permit
33 requirements, ESA consultation culminating in a
34 BiOp, constituent outreach and consideration of
35 the Shark Conservation Act.

36 All of these have been completed or
37 will be completed with this action so we can go
38 ahead and actually implement and make effective a
39 lot of these measures.

40 All right. So the second item under
41 Amendment 9 is a reexamination of the smoothhound
42 shark quota.

43 So, as some background, back in
44 Amendment 3 we established a smoothhound shark
45 quota of 715.5 metric tons dressed weight. This
46 was calculated by taking the highest annual
47 landings between 1998 and 2007 plus two standard
48 deviations over that same time period to set a

1 quota.

2 This results in a quota that's above
3 reported landings to make sure that it accounts
4 for incomplete reporting that could have occurred
5 during that time since there were no -- or there
6 were very few, rather, reporting requirements.

7 Staying at this higher level would
8 allow the fishery to continue unabated without
9 prematurely closing the fishery while more
10 information was gathered about what was actually
11 going on in the water.

12 So here's that same graph we saw
13 before on landings from '98 to 2013, but I've
14 overlaid a red line which shows that Amendment 3
15 quota.

16 You can see that in the years 2009,
17 2010 and 2011 landings would have exceeded the
18 quota. And so that fishery would have been
19 closed down earlier than it normally would have
20 been if that quota was in place. And so that's
21 the reason we're looking at this quota.

22 So, we have four quota alternatives.
23 The first one, alternative B1 is to actually
24 implement that alternative 3 quota.

25 Alternative B2 would be a rolling
26 quota. That would use five years of available
27 data, take the highest annual landings, add two
28 standard deviations and that would be the quota.

29
30 That would be recalculated every year
31 based on the most recent five years of data.
32 That's why it's called a rolling quota.

33 This is included because it was
34 discussing during the ASMFC meeting.

35 Alternative B3, our preferred
36 alternative, would implement a quota using that
37 Amendment 3 quota methodology, taking that
38 highest annual landings, adding two standard
39 deviations. It would simply use updated landings
40 data and the most recent years.

41 For example, in Amendment 3 the years
42 we used was '98 through 2007. We would use
43 updated data now from 2004 to 2013.

44 And then finally, alternative B4 would
45 set a quota based on the current ongoing 2014
46 smoothhound shark stock assessment.

47 Now, before we start looking at those
48 quota levels specifically let's talk about the

1 smoothhound shark stock status.

2 Currently, SEDAR 39 is underway and is
3 not completed. So we don't have any of the
4 benchmarks such as MSY or TAC.

5 We have performed a preliminary
6 evaluation of some of the Atlantic surveys and we
7 found no indication that the current harvest
8 levels are unsustainable.

9 Now, obviously this is not concrete
10 evidence of stock status, but it does provide
11 some confidence in this management strategy that
12 we're considering employing.

13 All right. Once again here's that
14 landings graph from '98 to 2013 with three of the
15 quota options.

16 The bottom red line up here, that is
17 that Amendment 3 quota. Again, that's the one
18 that would have closed the fishery down in 2009
19 through 2011. And since it -- we are not
20 preferring that quota alternative at this time.

21 The second from the top red line,
22 that's alternative B2. That's that rolling
23 quota, taking the five years of available data,
24 taking the highest annual landings, adding two
25 standard deviations.

26 Now, the quota level you see up there
27 is for 2015. However, that could be recalculated
28 every year. So as landings or effort increased
29 in the fishery that number could go up without a
30 top constraint. And that's the reason we're not
31 preferring that alternative at this time.

32 What we are preferring is that top red
33 line, the alternative B3 quota. This is using
34 that same methodology we used in Amendment 3. We
35 would take 10 years of available data, take the
36 highest annual landings, add two standard
37 deviations.

38 And as you can see from that quota
39 level based on recent landings it would allow the
40 fishery to continue until we actually get a stock
41 assessment and a scientifically based quota in
42 place.

43 Now, alternative B4 is not up here but
44 clearly it would provide some benefits since it
45 would provide a scientifically based quota.

46 But it's not available right now. If
47 it is available before the final rule we will, of
48 course, consider it.

1 All right. So to the third measure in
2 Amendment 9. This is the Shark Conservation Act,
3 the smooth dogfish-specific provision.

4 So the Shark Conservation Act requires
5 all sharks landed in the U.S. to be done so with
6 their fins naturally attached.

7 The act does, however, provide a
8 limited exception for smooth dogfish provided
9 they meet the language that's up here on the
10 slide. We'll go into it in more detail in the
11 next few slides. But this is the smooth dogfish-
12 specific provision.

13 Now in this exception there's five
14 provisions, three of which require us to
15 interpret some of the language in there and two
16 of which that can be implemented at face value.
17 They do not require further interpretation.

18 Under the proposed rule fishermen
19 meeting all five of those provisions could remove
20 the fins of a smooth dogfish while at sea.

21 Now, it's important to note though
22 that if a fisherman does not meet these
23 provisions they can still fish for smooth
24 dogfish, they simply just cannot remove the fins
25 while they're at sea.

26 All right. So, the first part of the
27 exception that requires some interpretation is
28 the portion that's bolded and underlined up here.
29 It's the individual engaged in commercial fishing
30 for smooth dogfish.

31 The second is if the individual holds
32 a valid state commercial fishing license.

33 And because nothing's ever easy, the
34 third one is the definition of the word "state."

35 The final two that can be implemented
36 at face value without further interpretation is
37 the 50 nautical mile and the 12 percent fin-to-
38 carcass ratio.

39 These require that fins can only be
40 removed of a smooth dogfish that are caught
41 within 50 nautical miles of shore and that those
42 fins cannot exceed 12 percent -- the fin-to-
43 carcass ratio cannot exceed 12 percent.

44 All right, so the first language
45 interpretation is in regards to the individual
46 engaged in commercial fishing for smooth dogfish.

47 At this time we're interpreting this
48 to mean someone who's directing effort on smooth

1 dogfish. And we plan on approaching this by
2 looking at catch composition.

3 The first sub-alternative -- actually,
4 before I go any further it's important to note
5 that under all of these sub-alternatives no other
6 sharks could be onboard if you remove the fins of
7 a smooth dogfish at sea.

8 This is to provide some protection for
9 other shark species when this limited fin removal
10 allowance is in place.

11 So, under the first sub-alternative
12 there is no catch composition requirement.
13 Smooth dogfish can make up any portion of the
14 retained catch and the fins could be removed at
15 sea.

16 The second one would be that smooth
17 dogfish must make up at least 25 percent of the
18 retained catch for the fins to be removed at sea.

19 Now, both of these first two sub-
20 alternatives would allow incidentally caught
21 smooth dogfish to have their fins removed while
22 they're at sea.

23 Since it does not limit this exception
24 to the directed fishery we're not preferring
25 either of these alternatives at this time.

26 The third one though is our preferred
27 alternative. Smooth dogfish must make up at
28 least 75 percent of the retained catch.

29 This would make sure that only
30 smoothhound sharks -- or smooth dogfish rather
31 that are caught in the directed fishery would be
32 allowed to have their fins removed while they're
33 at sea.

34 This would also allow some flexibility
35 in retained catch. If some other valuable
36 species were caught while catching smooth dogfish
37 they can be retained as well up to and not
38 exceeding 25 percent of their total catch.

39 The final sub-alternative would
40 require smooth dogfish to make up 100 percent of
41 the retained catch.

42 Now, this would obviously get to the
43 directed fishery idea as well. However, there's
44 no flexibility in the retained catch at all and
45 for that reason we're not preferring this
46 alternative at this time.

47 All right, so looking a bit at what 75
48 percent retained catch means. In this pie chart

1 the blue are the landings that come from directed
2 sink gill net trips. These are trips that have
3 at least 75 percent smooth dogfish retained.

4 The smaller yellow slice are
5 incidental trips with less than 75 percent smooth
6 dogfish.

7 And you can see that the vast majority
8 of commercial landings come from this directed
9 fishery where it's greater than 75 percent
10 retained catch.

11 Here's looking at it from a trip basis
12 instead. Across the x axis what you're seeing is
13 percent catch of smooth dogfish.

14 That first column is less than 5
15 percent -- smooth dogfish made up less than 5
16 percent of the retained catch. The next column
17 is 6 to 10 percent, 11 to 15 percent, on and on.

18 The y axis is the frequency of those
19 trips, how often those trips occur with that
20 catch composition of smooth dogfish onboard.

21 That red line is that 75 percent
22 cutoff. Anything to the left of that red line is
23 considered incidental trip under this definition.
24 Anything to the right would be a directed trip.

25 Now, you can see that most trips that
26 retain smooth dogfish are incidental trips even
27 though they make up a small portion of the total
28 commercial landings.

29 The directed trips though, although a
30 smaller number, do catch most of the smooth
31 dogfish that are landed in the commercial
32 fishery.

33 Now, something really interesting to
34 point out though is that you do see a trend
35 coming from 5 percent down the depth of
36 percentages of a little sweep down as it gets
37 lower and lower.

38 But this last column, 96 to 100
39 percent. That's really the core of that directed
40 fishery that's going out there and targeting
41 smooth dogfish exclusively.

42 Okay, so the second portion of the
43 provision to be interpreted is if the individual
44 holds a valid state commercial fishing license.
45 The state fishing permit issue.

46 Under the first sub-alternative we
47 would require a smooth dogfish-specific state
48 permit in order to remove the fins of a smooth

1 dogfish at sea.

2 A state would need to create an actual
3 smooth dogfish-specific permit in order for a
4 fisherman to actually remove those fins while
5 they're at sea.

6 This would provide the state with some
7 flexibility in actually allowing fin removal
8 while it's at sea.

9 The fisherman would also need to hold
10 a federal smoothhound permit though as well.

11 The preferred sub-alternative at this
12 time though would require any state commercial
13 fishing license that is appropriate for
14 smoothhound shark catch in conjunction with a
15 federal smoothhound permit. This would interpret
16 the language a little bit more broadly.

17 Now, although we're preferring the
18 second sub-alternative at this time we are
19 seeking some comments specifically from the
20 states about what their preferences are and how
21 this fits in with their management plans for
22 smooth dogfish.

23 All right, finally to the issue of
24 state. Now, in the statute "state" is defined in
25 the language down here next to the asterisk at
26 the bottom of the slide.

27 Now, what you'll notice is that it
28 lists a bunch of Atlantic states but it also
29 includes Florida without defining east coast
30 versus west coast of Florida.

31 So, we looked at some different
32 options on whether or not to include the west
33 coast of Florida.

34 The first unpreferred sub-alternative
35 would include the west coast of Florida in the
36 Gulf of Mexico. The preferred sub-alternative
37 would not include that. And we'll look at some
38 maps to see what that means.

39 So here's the not-preferred sub-
40 alternative. This would allow fin removal of
41 smooth dogfish in the Gulf of Mexico off the west
42 coast of Florida.

43 Now, if you remember back one of the
44 first slides we discussed under the SEDAR 39
45 stock assessment right now we're considering
46 Florida smoothhound, Gulf smoothhound and smooth
47 dogfish to occur in the Gulf of Mexico and only
48 smooth dogfish in the Atlantic.

1 This presents some compliance problems
2 in the Gulf of Mexico. If a fisherman catches
3 what they think is a smooth dogfish, they remove
4 the fins, they bring it to shore and it's found
5 out to be a Gulf smoothhound they open themselves
6 up to the potential of a violation.

7 Limiting it instead to just the
8 Atlantic though would nearly exclude this
9 possibility from happening since it's almost
10 exclusively smooth dogfish.

11 And that cutoff line right up there
12 between the Gulf of Mexico and the Atlantic would
13 be the same one we use in Atlantic shark
14 fisheries for the division between the Atlantic
15 region and the Gulf of Mexico.

16 Okay, onto the fourth item in
17 Amendment 9, the 2012 shark BiOp. So,
18 smoothhound sharks are a new fishery for us under
19 federal management. And part of the requirement
20 on bringing a new fishery under federal
21 management is to consult with the Protected
22 Resources Division on impacts to endangered
23 species.

24 Now, since smoothhound sharks are part
25 of the Greater Atlantic shark fishery, we
26 consulted on Atlantic shark fisheries and the
27 subset of that which is the smoothhound shark
28 fisheries.

29 The 2012 shark BiOp found that the
30 continued operation of all of these Atlantic
31 shark fisheries is not likely to jeopardize
32 continued existence of ESA-listed species which
33 include the more recently listed Atlantic
34 sturgeon.

35 Now, the BiOp gave us a series of
36 terms and conditions to comply with. And all the
37 terms and conditions except for one have been
38 implemented or could be implemented under current
39 regulations except for just one of those. And
40 this one required some rulemaking.

41 Under this one term and condition of
42 the BiOp it requires net checks or soak-time
43 restrictions in the Atlantic shark gill net
44 fisheries including the smoothhound shark
45 fishery.

46 The net check requirement would be to
47 check the nets to remove protected resources at
48 least every two hours, or have a 24-hour soak-

1 time restriction.

2 And just as a reminder, currently
3 Atlantic shark gill net fishermen are required to
4 check their nets and remove any protected
5 resources at least every two hours.

6 Okay, so getting into the alternatives
7 for implementing the 2012 shark BiOp terms and
8 conditions.

9 Alternative C1 would not implement any
10 of it which of course would not comply with the
11 2012 shark BiOp and so is not preferred at this
12 time.

13 Alternative C2 would bring the
14 smoothhound shark gill net fishermen in line with
15 the current shark fishermen regulations. So
16 they'd be required to check their nets at least
17 every two hours as Atlantic shark gill net
18 fishermen are right now.

19 The concern with this alternative
20 though is that it could change the way
21 smoothhound shark gill net fishermen fish.

22 Currently, smoothhound shark gill net
23 fishermen might fish multiple nets and they could
24 leave those nets temporarily unattended. So
25 checking their nets every two hours could be
26 problematic. For that reason we're not
27 preferring this alternative at this time.

28 Alternative C3 would try and get to
29 this by looking at permit type on which of the
30 two gill net restrictions you follow.

31 Atlantic shark gill net fishermen that
32 have an Atlantic shark permit would need to check
33 their nets every two hours. Federal smoothhound
34 shark permit-holders would need to limit their
35 soak times to 24 hours.

36 The problem would occur if a
37 smoothhound shark fisherman though had both
38 permits. They would be required to check their
39 nets every two hours while another smoothhound
40 shark permit-holder that also has an Atlantic
41 shark permit would be required to do that net
42 check. So for that reason we're not preferring
43 that alternative at this time.

44 The final one is our preferred
45 alternative though. This would establish a soak-
46 time restriction of 24 hours for sink gill net
47 gear which is the predominant gear type used in
48 the smoothhound shark fishery, and a two-hour net

1 check requirement for drift gill net which is
2 more often used in the Atlantic shark fisheries
3 than it is in the smoothhound shark fisheries.

4 This alternative though would still
5 provide adequate protection for ESA-listed
6 species per the 2012 shark BiOp.

7 Okay. So the final item in Amendment
8 9 are shark gill net VMS requirements.

9 So, currently if you have a directed
10 shark permit and you have gill net gear onboard
11 you must have and use a VMS regardless of where
12 you're fishing. This is to comply with the
13 Atlantic Large Whale Take Reduction Plan.

14 Now, the Atlantic Large Whale Take
15 Reduction Plan pertains to the southeast U.S.
16 monitoring area which I'll show you in a map in
17 the next slide.

18 Now, at the time of implementation
19 back in 2003 we determined that requiring all
20 gill net fishermen to comply with this VMS
21 requirement would be a good idea because it would
22 simplify compliance and outreach, particularly if
23 fishermen are fishing multiple regions including
24 in or around this U.S. southeast monitoring area.

25 However, since that time we've noted
26 that some fishermen do not fish in or even near
27 this U.S. southeast monitoring area. So we
28 decided to re-look at some of this requirement.

29 So here is where that U.S. southeast
30 monitoring area is. You'll see here on the
31 lefthand side of the slide is an outline of the
32 Atlantic Coast. There's a red box on the east
33 coast of Florida. Then zoomed in you'll see the
34 green triangle which is the actual southeast U.S.
35 monitoring area.

36 And I've also noted some cities for
37 reference in red with Vero Beach, Jupiter and
38 Delray Beach.

39 So, the two alternatives. First is
40 the no-action alternative, to still require VMS
41 onboard for federal directed shark permit-holders
42 with gill net gear onboard regardless of their
43 fishing location.

44 And then the preferred alternative
45 would only require those fishermen to use VMS
46 when they're actually in that southeast U.S.
47 monitoring area.

48 Now, limiting the requirement would

1 reduce some fishermen's VMS costs while still
2 adequately protecting Atlantic large whales per
3 the Atlantic Large Whale Take Reduction Plan.

4 All right, so that's it. On to the
5 time-line. We published the proposed rule a
6 little over a month ago. Comment period ends
7 mid-November with the final rule coming sometime
8 in 2015. And then as always, implementation or
9 effective date 30 days after that.

10 We're currently scheduling public
11 hearings and confirming some of the dates and
12 locations. That notice should be coming out soon
13 via an FR notice and listserv.

14 But of course in the interim we're
15 requesting comments both here as well as through
16 our website at regulations.gov. And that is all
17 I have and I'm definitely ready to open up to
18 some discussion and questions.

19 FACILITATOR LEA: All right. Forgive
20 me, I can't see your name tag. Pat. I was like
21 I should know it by now.

22 MR. AUGUSTINE: Great presentation,
23 Steve.

24 What is the heavy preponderance of
25 other species of fish that they catch?

26 I notice in this chart you show -- you
27 pick 75 percent as the cutoff. I mean, you're
28 talking 60, 65, 70 percent. What else do they
29 catch when they're involved with smooth dogfish?

30 MR. DURKEE: I can't answer with exact
31 fish because there's very few reporting
32 requirements in place.

33 However, we do think that they are
34 catching with croaker, bluefish, monkfish
35 fisheries at times, other gill net fisheries
36 perhaps. I didn't know that one, but king
37 mackerel.

38 MR. AUGUSTINE: Well, does it make a
39 difference then in the case of the gentlemen who
40 do that -- Jeff, does it make a difference
41 whether it's 60 percent, 65, 70, or 75 percent?
42 I mean, is it a mixed bag all the time?

43 MR. ODEN: Absolutely, absolutely. I
44 mean, initially as you can see the fall fishery
45 off North Carolina was initially where this got
46 its start and that was a fall king mackerel
47 fishery.

48 And it's since evolved into a

1 wintertime directed fishery. And also we'll be
2 offshore bluefishing. And we may catch 75 boxes
3 of bluefish and 15 boxes of smooth dogs.

4 And to say that we've got to wait and
5 get to the dock to daggone clean these things to
6 which you've got to do to optimally get the right
7 premium price, much the same as you do with a
8 sharpnose.

9 And you know, sharpnose are also
10 caught incidentally with these species. So, you
11 know, it's just a way to go ahead and get around
12 the exemption that we've got in North Carolina is
13 what we see coming with this plan here. And I'm
14 sure Dewey will elaborate more as well.

15 MR. AUGUSTINE: Just a follow-up.
16 Well, then if we're talking about -- let's assume
17 we selected 60 percent. What could 15 percent of
18 a catch be? I mean, pound-wise if you're
19 catching about 2,000, 5,000, 10,000 pounds of
20 mackerel while you're catching 3,000 pounds of
21 smooth dog? Can you give us an idea? It just
22 makes kind of -- give us an idea?

23 MR. ODEN: Well, mackerel would be a
24 25 or -- I don't know what it is now, 3,500 pound
25 trip limit.

26 But bluefishing, sometimes we'll have
27 200 boxes of bluefish and maybe 20 or 30 boxes of
28 smooth dogs incidental. Maybe even 50. I mean,
29 some days they'll slam us in the process of
30 fishing for those.

31 And to say that you've got to go and
32 wait till you get to the dock to clean that 50
33 boxes which will take you another 3 or 4 hours is
34 the most absurd thing that you can imagine.

35 And it's just how totally out of loop
36 this whole plan is. I mean, people need to come
37 down there and sit at the dock with us and wait
38 around with the fish house employees that have to
39 wait for us.

40 I mean, we could have this done before
41 we got to the dock and yet they're trying to find
42 a way to make us continue to leave the stupid
43 fins on which the truth is it would -- an hour's
44 worth of cutting fins off and you still wouldn't
45 make minimum wage on these things. They're
46 worthless.

47 And we can't make people understand
48 what we have to go through here.

1 MR. AUGUSTINE: Just a follow-up
2 clarification point. So, it sounds like you're
3 talking about two different issues. One is the
4 finning issue is one, and the other is -- oh,
5 maybe that's the primary issue.

6 When I'm talking about a mixed bag
7 here the way it's delineated, so if you had all -
8 - no matter whether you had all smooths or not,
9 you've still got this two- or three- or four-hour
10 window that you've got to cut the fins off when
11 you go back to the dock. So that's one issue by
12 itself.

13 But the other issue is the mix, the
14 other mix. What happened to that fish? You load
15 20 boxes of mackerel, get to the dock and they're
16 gone, right? They're gone immediately?

17 I don't know, it sounds like the issue
18 is the finning issue as opposed to the mixed bag
19 issue. Am I correct with that? I don't know.

20 MR. ODEN: Well, Dewey, what do you
21 think?

22 MR. HEMILRIGHT: I'd be more than glad
23 to answer the questions here.

24 This language that's put in this act
25 is nothing more in my opinion of the National
26 Marine Fisheries Service, HMS of parsing the
27 language.

28 The reason for this exemption, if it
29 went in -- the Shark Conservation Act happened if
30 it went in the way it was written it would have
31 made us have to throw back half our fins over to
32 comply with the law.

33 First of all, the State of North
34 Carolina and the State of New Jersey -- State of
35 North Carolina has done two research projects on
36 the fin ratios and so has New Jersey.

37 They come to the conclusion it was up
38 there at 10-12 percent. So this language that's
39 written in here, that's written in by Congress, I
40 was -- I thought I was instrumental in getting
41 the right language in, but I appear that they've
42 parsed the words "fishing for" versus catching
43 the smooth dog.

44 When you go fishing, we're going out
45 there to fish and you're catching bluefish you're
46 using 5.5 inch gill net. You're not catching a
47 croaker. You know, there's different types of
48 nets you're using.

1 But what's happened here is the reason
2 for the exemption is the first thing you do when
3 you catch that shark you cut the fins off. Not
4 fin him and throw it over, you carcass the shark
5 and you clean him. It's labor-intensive. We've
6 done all that stuff showing that.

7 Well, thinking that this amendment,
8 the exemption here would give us the ability not
9 to have to throw fins back over. You know, you
10 can put fins in a basket and they're all the
11 same. You can put 100 pennies in there, they're
12 all the same. You put a quarter in there, you
13 can see there's a different fin.

14 But with this language here and HMS's
15 interpretation of this language to me it's a slap
16 in the face to the industry. It's a slap in the
17 face for the intent of what this was written by.

18 I understand the NGOs and probably HMS
19 didn't want this language exemption written, but
20 thank God for my Senator standing up for it to
21 get this language in there because we would have
22 had to throw half our fins over and not be able
23 to carcass the shark properly until we got back
24 to the dock.

25 There was no reason for this.

26 Most of the time when you're smooth
27 dog fishing you're not catching other species.
28 And for them to go parse the 25 percent to 50
29 percent, that's just -- it's laughable as a
30 fisherman that's been doing this for probably 25
31 years.

32 Now, they can say other things, but
33 the fact of the intent is it's just going to
34 cause us more problems and not be able to harvest
35 the shark correctly, cut the fins off of it,
36 carcass the shark, put it in the thing. But no,
37 you know.

38 Their interpretation of this language,
39 and I think there was a good chance here, you
40 know, there could be some legal aspects of this
41 in the future as far as a lawsuit or something.
42 Because there's -- that's clearly not what
43 Congress's intent was in this language.

44 They parsed the word "fishing for."
45 In the Magnuson, fishing, I don't think there's a
46 definition of "for" but there's a "fishing," the
47 catching, harvesting and there's one other I
48 can't remember right now. But they've chose a

1 different route to what's put in here.

2 Something else. I don't believe that
3 the VTRs are the most accurate reporting because
4 I don't believe that you have to have a permit or
5 a VTR report to go catch smooth dogfish. I don't
6 think you've had to have that.

7 And so for the man down there giving
8 the presentation which I can't remember his name
9 right now, sorry. He was talking about going out
10 there and fishing, catching smooth dogs, and
11 catching monkfish and catching croakers, you
12 know. You're not using the same net to catch the
13 different things.

14 What this has done is just, you know,
15 it's caused more -- just a lot more hardship on
16 the fishermen having to clean and process this
17 fish.

18 And I thought that the intent of this
19 here would allow the fishermen to fish, it would
20 allow them to -- the correct fin ratio which all
21 the -- you know, the National Marine Fisheries
22 has never done an assessment on the fin ratio for
23 smooth dog which is totally different than the
24 other ones. The NGOs have not, you know. They
25 bitched and complained about it.

26 So, here was an aspect or a chance to
27 do something right. I thought it was the right
28 thing to do.

29 Fishermen, especially in North
30 Carolina, Virginia and New Jersey and New York,
31 you know, it affects them people. And so it was
32 a good chance to do something right.

33 And obviously the agency and the
34 fishermen are way apart, like on many things. So
35 that's just a little bit of background on this.

36 MR. AUGUSTINE: Thank you, Steve. I
37 got more than I wanted --

38 MS. SCHULZE-HAUGEN: Thanks. Let me
39 just jump in.

40 So, just for procedural, when Congress
41 passes a statute the agency does implementing
42 legislation or regulations. So that's what this
43 is.

44 What we are trying to do is look at
45 the specifics of the statutory language. If it's
46 clear on its face there's no interpretation
47 that's necessary.

48 But if there are questions that's

1 where the agency undertakes rulemaking with
2 different ways of interpretation. So that's
3 where we're at.

4 There's nothing that's been done. We
5 are trying to match Congressional intent.

6 And so, Dewey, you raised a really
7 good point that we haven't had permitting and
8 reporting requirements for smooth dogfish now.
9 So we are using the information that's available
10 to us.

11 We recognize it may be incomplete. It
12 may not be all that's out there. And so that's
13 where your feedback on whether what we've
14 proposed matches the intent or not is really
15 important.

16 And so this is a good dialogue. By no
17 means are we trying to undo Congressional intent.

18 MR. HEMILRIGHT: So basically what do
19 you all think the Congressional intent -- do you
20 think that it would have been better to put in
21 there Congressional intent that 75 percent of
22 what you catch?

23 I mean, it's, you know, I guess it's
24 who's interpreting what the intent was. In my
25 opinion the intent was to harvest the shark, cut
26 the fins off of it, and being able to, whether
27 you caught one shark or 50 million pounds of
28 sharks.

29 But it's obviously, you all have a
30 different interpretation than what the industry
31 thought by getting this language put in. Which
32 they were forced to have it put in because of the
33 Shark Conservation Act and the sponsors of it and
34 the way they went around doing it.

35 So, you know, I look at the hardship
36 on the fishermen. You know, the science part of
37 the fins is right there. You know, whether you
38 like it or not, the agency, or whether the NGOs
39 like it.

40 The State of North Carolina, State of
41 New Jersey did the work to show that part.

42 So, I just look at another aspect of
43 it as fishermen trying to survive and having to
44 take extra hours to come to the dock in the
45 middle of the night. Where are you going to
46 clean the sharks at? The only way to clean them
47 is you cut the fins off first and then you
48 carcass the rest of the shark.

1 Plain and simple, the way it's been
2 done for years, the way North Carolina has had
3 data that they sent into ASS or CP or whatever it
4 is. And so that should be good enough.

5 But I have the problem of -- I've got
6 a lot of problems with a lot of things, but it's
7 y'all's intent of trying to interpret --

8 MS. SCHULZE-HAUGEN: Dewey, let me
9 stop you there. There is no intent other than to
10 implement what Congress intended.

11 So what you intended with the back
12 story is the language is the language. And that
13 is what we're working with. And that is what
14 we're looking at very precisely.

15 Congress passed the exception for
16 smooth dogfish. It did not pass it for any other
17 shark. And so we are trying to match that intent
18 to provide the exception as Congress intended for
19 smooth dogfish and not affect the management of
20 other sharks.

21 So, when we come back -- when Congress
22 passes the language we come back and we look at
23 it word by word. What does it mean.

24 And so there was some question what
25 does "fishing for smooth dogfish" mean. It may
26 have been very clear to the drafters what they
27 intended. But when we come back and we look at
28 it it wasn't clear. What does that mean? Does
29 that mean one smooth dogfish? Does that mean all
30 smooth dogfish?

31 We look at the information we have and
32 there appears to be a very large break between
33 people fishing incidentally and people fishing in
34 a directed fashion. And that's what these
35 alternatives are trying to get at is what does
36 that mean.

37 What I'm getting from you all is that
38 this, what we have preferred doesn't do that. So
39 that's really good input and feedback.

40 As I said, we don't have complete
41 reporting so we don't have the universal picture
42 of what's happening because it isn't required
43 yet.

44 So, we're using what we have, trying
45 to do what Congress intended. That is the simple
46 fact of it.

47 FACILITATOR LEA: And I want to make
48 sure to get in some of the rest of the folks that

1 have been patiently waiting.

2 Carrie, I see you had your
3 hand up, and then Lisa and then Sonja as well.

4 MS. KENNEDY: Okay. I have a couple
5 of questions and I'm not really sure where to
6 start. So I think I'm going to start at what I
7 think has the easiest answer which is when you're
8 talking about no other sharks can be retained, do
9 other sharks include spiny dogfish?

10 MR. DURKEE: Yes.

11 MS. KENNEDY: Okay. So then, and I
12 can take the answer to this offline, but I think
13 I need a little more background on the
14 implementation of the Amendment 3 issues.

15 I have some concerns about the
16 accountability measure and closing the fishery
17 when 80 percent of the quota has been harvested.

18
19 You know, when you go through your
20 graphs and you show that there are four states
21 that catch the majority of the harvest, Maryland
22 actually catches 1 percent less of the harvest
23 than -- or at least our quota allocation through
24 ASMFC is 1 percent less than New York.

25 And so my concern is that if North
26 Carolina and Virginia and New Jersey all of a
27 sudden have harvested most, 80 percent of the
28 smoothhound or smooth dogfish quota then Maryland
29 isn't going to get a chance to -- their fishermen
30 aren't going to get a chance.

31 So, I have some concerns about that.
32 And maybe there's some procedural stuff we can
33 talk about offline.

34 As well as the recreational -- the
35 possibility of a recreational fishing permit for
36 smooth dogfish. I don't know about the
37 background on that either.

38 So again, I can take the answer to
39 that offline. And let me see.

40 Yes, the only other comment is about
41 the net checks and alternative C. Atlantic State
42 Marine Fisheries Commission, their Law
43 Enforcement Committee discussed net checks in the
44 past and they were really concerned that they
45 were unenforceable and increased discard
46 mortality because instead of being required to do
47 two-hour net checks because they were keeping
48 whatever the species was that required there to

1 be two-hour net checks, people would just discard
2 the fish so they weren't required to have had
3 done two-hour net checks.

4 So I think there's some enforcement
5 concerns there and certainly some biological
6 implications as well.

7 MR. DURKEE: We appreciate those
8 thoughts, Carrie.

9 As far as the recreational permit
10 though this would be covered under the HMS
11 angling permit for smoothhound sharks. But your
12 other comments, thank you.

13 MS. KENNEDY: Just a quick follow-up
14 to that. Would that apply also to state waters,
15 or just federal waters?

16 MS. SCHULZE-HAUGEN: It would be
17 federal.

18 So the net checks are intended to
19 reduce the mortality of sea turtles.

20 MS. KENNEDY: Right.

21 MS. SCHULZE-HAUGEN: And that is
22 obviously what -- the threatened/endangered
23 status of sea turtles kind of trumps -- okay,
24 well but similarly protected species as opposed
25 to driving -- an HMS species driving that.

26 MS. KENNEDY: Sure, absolutely. But
27 I think that's just a concern, that there's
28 additional bycatch -- there could be additional
29 bycatch mortality because people would just avoid
30 catching the HMS species entirely.

31 FACILITATOR LEA: All right. Lisa?

32 MS. GREGG: Just, obviously in the
33 situation with smoothhound, Florida really
34 doesn't have a dog in this fight. Forgive the
35 pun, but we don't have commercial landings and --
36 at least not reported ones at any rate.

37 So, I think what's concerning for us
38 along with a couple of other states. And there's
39 been some interstate discussion about this is the
40 -- just the rationale.

41 We're trying to understand the
42 rationale behind implementing a non-
43 scientifically based quota that's based on a lack
44 of any kind of scientific data.

45 And again, it's not likely going to
46 close the fishery, at least not based on the
47 charts you were showing and the landings we've
48 been seeing traditionally.

1 And why would we go ahead and
2 implement that kind of quota when we're only a
3 few months, I mean literally, away from having a
4 stock assessment completed and we could actually
5 develop a scientifically-based quota?

6 So, I think we're just -- the states
7 are trying to understand the rationale behind
8 doing that.

9 And we'd just like to, you know, I
10 don't know if it's your intent to just put any
11 kind of quota in there right now because you know
12 it's not going to close down the fishery, or
13 essentially close down the fishery, or affect
14 them, so you can get it in in this amendment and
15 then you can modify it down the road once the
16 stock assessment is completed.

17 And then again, if that's the case go
18 ahead and say, well, this is what we want to do
19 and let us know how quickly it's going to be
20 scientifically reassessed.

21 So, I think that that -- it just
22 doesn't make a whole lot of sense from the
23 states' perspective.

24 MR. DURKEE: Yes, bringing this
25 fishery under federal management does require a
26 quota be in place.

27 We do have an alternative underneath
28 Amendment 9 though that if that stock assessment
29 is available before the final rule comes out we
30 can consider it. We can still potentially
31 implement that scientifically-based quota which
32 of course would be advantageous.

33 MS. SCHULZE-HAUGEN: The other point
34 would be as soon as we have that assessment --
35 it's a few months maybe. Sometimes things are
36 delayed. And so we didn't necessarily want to
37 delay this action entirely for an uncertain time-
38 line on the assessment. And then we would take
39 that assessment and use it as appropriate.

40 MS. GREGG: One addition then. Well,
41 why wouldn't we just move the quota --
42 consideration of the quota to, like, an Amendment
43 9b and just put it off until the stock assessment
44 is done?

45 MR. DURKEE: We can't do that. We
46 can't have a federally managed fishery without a
47 quota. So there would be no permit requirements,
48 no data collection.

1 The concerns that were brought out
2 earlier about not enough information about the
3 fishery. That would continue because there would
4 be no reporting requirements, no observer
5 requirements, no permit requirements. We
6 wouldn't know who our universe of fishermen are,
7 et cetera, et cetera.

8 FACILITATOR LEA: All right, Sonja.

9
10 MS. FORDHAM: Thank you. Sonja
11 Fordham, Shark Advocates International. Thank
12 you for the presentation and all the work that
13 went into this.

14 Are you still on questions or can I
15 just comment freely?

16 MR. DURKEE: Comments are fine.

17 MS. FORDHAM: Okay, thank you. I just
18 wanted to say we continue to strongly support
19 establishing basic management measures for this
20 fishery, including accountability measures and
21 the permitting and reporting requirements.

22 I will submit written comments by mid-
23 November, but I have a few remarks on the
24 proposed options for quotas and implementing the
25 finning ban.

26 I actually think that overall it's
27 quite hard to find fault with the agency's
28 interpretation of the unfortunate and very
29 complicated text of the Shark Conservation Act
30 savings clause. Even if I don't agree with it.

31 And I'm still digesting the catch
32 composition alternatives and could have some
33 written comments on those.

34 I do, however, as you might guess
35 strongly support alternative 1 which is to
36 require that smoothhounds be landed with their
37 fins attached. Doing this on principle with the
38 understanding that this outcome is not likely in
39 this particular process given what you have to
40 work with, and that I need to do a better job of
41 convincing my colleagues in Congress and
42 individual states to adopt the fins-attached
43 rules and make the necessary changes needed to
44 end what I find to be a truly problematic
45 exception.

46 So, I just wanted to add that
47 evidenced by the fact that keeping the fins
48 attached to the shark is the rule for all other

1 commercially fished sharks in the Atlantic, this
2 method is widely acknowledged as the best
3 practice for enforcement and can also lead to
4 better data collection on catches.

5 And I continue to be concerned that
6 this exception risks undetected finning if not
7 for smoothhounds, for an array of other shark
8 species, particularly those for which retention
9 of the body is prohibited.

10 So, I also think that eliminating
11 exceptions in U.S. regulations on fins-attached
12 rules is essential for the ongoing work that the
13 U.S. is involved with internationally to promote
14 the best practice worldwide.

15 In terms of the quota, I support B4
16 which I don't think you reviewed in detail, but
17 basing the quota on the stock assessment results
18 assuming that that advice is ready by the time
19 you go to rule.

20 And if not, then I support B1 which
21 would be the Amendment 3 original quota of 715
22 metric tons.

23 I understand that at least in the last
24 couple of years there's been some concern that
25 that level would be more constraining than was
26 originally intended because the landings went up.
27 But I think you just showed a graph that said the
28 landings are now below the Amendment 3 quota
29 level.

30 So that would seem to, again, serve as
31 the cap that was originally intended with
32 Amendment 3. So I would think that that makes
33 the most sense.

34 And I just wanted to say that I'm very
35 glad that the assessment is underway. And it
36 appears, as you reported, the initial management
37 measures will not come too late for smoothhounds.

38 But I don't think that the preliminary
39 positive signs from the assessment are enough to
40 justify having a risky quota in the meantime.

41 And finally, I've been calling for
42 smoothhound management for quite some time so I
43 just wanted to end by saying how pleased I am
44 that it seems that we're very close to ending
45 unregulated shark-fishing in the Atlantic, and
46 that I'm going to maintain hope that provided we
47 fix the fins-attached exception in some way, one
48 way or another, that we could end up with a good

1 model for a well-managed sustainable shark
2 fishery.

3 That's something for which we don't
4 have enough examples still. So, thank you very
5 much.

6 FACILITATOR LEA: All right, we're
7 going to go to Bob, and then Mike, and then
8 Randy, and then we'll go back to Jeff and Dewey
9 and Carrie and Lisa.

10 MR. HUETER: Thanks. Bob Hueter, Mote
11 Marine Lab.

12 Steve, great presentation. Very well
13 delivered. Complicated, controversial topic. My
14 hat's off to you.

15 I actually -- when it comes to the
16 commercial industry's position on this, I
17 actually am very sympathetic to what they're
18 saying. It makes all the sense in the world to
19 allow them to dress these animals at sea.

20 They make a very compelling argument.
21 But we heard these arguments back when shark
22 fisheries began about things like souring the
23 meat and so on.

24 And yes, it would have been nice if
25 the fishermen from the beginning could remove the
26 fins at sea and everybody plays by the rules.

27 The problem is everybody doesn't play
28 by the rules. And this is one of those rules
29 that's necessary because there are people that
30 sometimes break it.

31 It's unfortunate we don't live in a
32 perfect world, but we have a serious problem with
33 finning.

34 I'll point out that something that's
35 outside the realm of this room is the
36 international perspective. Sonja may have
37 alluded to this.

38 But when we go to the international
39 table -- and maybe John Graves can weigh in on
40 this -- and we have exceptions like this that are
41 -- whether they're substantiated or not it's very
42 hard to have a position of being perfect and get
43 other countries to put in laws against finning.

44 And this is something that's going to
45 come up as this list of nations comes out in
46 January which I'm very glad to hear that that's
47 coming.

48 But back to Dewey's position about the

1 percentage rules. Can you go to slide 23? Which
2 was shown to try to drive home the point of where
3 the red line should fall, basically.

4 It's an interesting graph and actually
5 I find it not very helpful in this case and I'll
6 tell you why. It's not that it wasn't worth
7 doing.

8 But I don't know -- it's frequency of
9 trips on the left. And as I think through this
10 I'm not sure how many sharks are involved to the
11 left of the red line and how many sharks are
12 involved to the right.

13 I think it would be more --

14 MR. DURKEE: If I could just jump in.
15 That would be this slide right here which show
16 the actual commercial landings from those
17 incidental versus directed trips.

18 MR. HUETER: Okay. I see. So, to the
19 right of the red line is about 5 times -- 4 to 5
20 times as many landings as to the left.

21 And the reason I ask that is to try to
22 get a sense of how much of a difficulty this does
23 put on the boats that are operating on the
24 lefthand side.

25 If it's just, you know, small
26 incidental catch that's one thing. If it's a lot
27 of animals and it's a lot of time lost, that's
28 another.

29 So, I don't know this fishery as well
30 as others and I have to go with what the
31 commercial guys say on that.

32 But I do think that the course that
33 you've taken in trying to interpret the law makes
34 sense, that there is this uncertainty in the way
35 the law is written as to who's fishing for smooth
36 dogfish or not.

37 So, the other thing is on the quota.
38 Everybody's people weighed in already about the
39 wisdom of whether to put a quota in now or wait
40 for a stock assessment that's coming down in a
41 few months.

42 I guess because of regulatory
43 requirements you're being forced to do something.
44 I don't see in what was presented a compelling
45 justification for raising the quota by 50 percent
46 over the maximum catch that's ever been recorded.
47 I don't really get that.

48 We're assessing the stock now. The

1 news may be good. If it's good then there's
2 justification to raise the quota.

3 But after all let's not forget these
4 are sharks. Dogfish are sharks too. And their
5 life history is not much different from blacktips
6 and -- well, certainly from blacktips. Maybe a
7 bit different from sandbars, but not from
8 blacktips.

9 And so raising the quota without
10 scientific basis to be 50 percent over the
11 maximum that's ever been landed to me is not a
12 very risk-averse policy.

13 I'd rather see us hold the line on the
14 quota unless there's something compelling coming
15 from the commercial industry that says that they
16 would like that much more of the quota, that
17 they're going to fill that. And there's a reason
18 that it's thought that that's sustainable.

19 Hold the line and wait for the new
20 assessment to come out, and then amend the rule
21 accordingly to be in line with that stock
22 assessment.

23 MS. SCHULZE-HAUGEN: So, by hold the
24 line what do you mean? Do you mean don't
25 implement Amendment 9 until we have the stock
26 assessment? Because that's kind of where we're
27 at. If we can't implement the quota, then I'm
28 not sure we can proceed with federal management.

29 MR. HUETER: Why can't we just keep
30 the quota where it is right now until the new
31 stock assessment comes out?

32 MS. SCHULZE-HAUGEN: So, you're --

33 MR. HUETER: And implement the rest of
34 what's in here.

35 MS. SCHULZE-HAUGEN: So, by hold the
36 line you mean implement alternative B1.

37 MR. HUETER: Yes, whatever your --
38 whatever the acronym is. I don't have it in
39 front of me right now.

40 MS. SCHULZE-HAUGEN: Okay. And so you
41 were saying to not implement a quota that's twice
42 what it ever has been?

43 MR. HUETER: Fifty percent higher than
44 the maximum catch that's ever been recorded.

45 MS. SCHULZE-HAUGEN: Oh, okay, I see
46 what you're saying.

47 MR. HUETER: Based on the standard
48 deviation fudging.

1 MS. SCHULZE-HAUGEN: Okay. I
2 understand. Sorry, I just wanted to make sure I
3 understood.

4 FACILITATOR LEA: All right, we're
5 going to go to Mike next.

6 MR. SISSEWINE: My comments are much
7 along the same lines. Actually, Robert used the
8 term "standard deviation fudging." I was going
9 to ask what the -- why bother going through that
10 hand-waving to get another arbitrary number
11 because that's the way I view it. So, I
12 basically reiterate those comments.

13 I certainly think the allowable catch
14 should be based on an assessment. If you don't
15 have one I understand the obligation that there
16 has to be one.

17 I don't see any logic for doing
18 anything different from what's there right now
19 given that -- I mean, I don't know what the logic
20 was for the number that's there now, but
21 certainly more hand-waving doesn't impress me as
22 solving the problem. Thank you.

23 FACILITATOR LEA: Randy?

24 MR. GREGORY: Just real quick. This
25 is part of an incidental fishery and a directed
26 fishery. And it sounds like that no matter what
27 that is that the fishermen need the ability to
28 process these things at sea. We need to do
29 whatever we can to make sure those guys have that
30 ability to be able to utilize their catch.

31 And I also, I would like to echo the
32 comments made by Lisa Gregg. As far as some of
33 what the states are concerned about, the upcoming
34 assessment and that inclusion of that
35 information.

36 FACILITATOR LEA: All right. I see
37 Dave. We haven't heard from Dave yet. Is it
38 okay if I get Dave and then go back to Jeff and
39 Dewey? Is that cool with you guys? All right.

40 MR. STILLER: I was just going to say
41 that the fins on them things aren't worth squat
42 really. I mean, environmental groups have pretty
43 much driven the price, you know, the whole
44 finning thing, telling the whole world about oh,
45 just we're cutting fins off whenever -- 80-90
46 percent of our money is in the meat and only 5-10
47 percent is in fins now. There is no money at all
48 in fins.

1 I mean, to me even the small coastal
2 fishery, not just the dogfish fishery, but even
3 the small coastal fishery, I mean even if you
4 made a law saying you couldn't take any fins.
5 I'd rather process my fish at sea. You have a
6 better product being able to do that at sea.

7 Because right now it takes three times
8 longer, it takes three or four times the ice and
9 costs way more than it used to. And I still
10 can't pay my guys anymore than I did.

11 Like last week, we worked 90-100
12 hours, maybe 100 hours last week. I'm paying
13 \$500 apiece? That's a joke.

14 You all really killed us in this whole
15 finning thing. I'd rather, even the small
16 coastals, it seems I'm the highest producer in
17 the whole darn country of the small coastals.
18 I'd rather say no fins period on small coastals.
19 Make it illegal to have the fins on the small
20 coastals. So you could process the fish at sea
21 and bring them in.

22 And I think the same thing -- I don't
23 know about them guys and the dogfish. I think
24 they'd rather have the meat than the fins because
25 the fins don't -- I'd rather throw the fins
26 overboard and not even be able to sell them and
27 still be able to process my fish at sea if I had
28 an option.

29 FACILITATOR LEA: Jeff?

30 MR. ODEN: I echo Dave's statement
31 right there. That was going to be my comment.

32 I mean, the simple fact is be it
33 sharpnose, smooth dogs, 99 percent of us don't
34 even want them. We take and cut them behind the
35 head, take the belly flap off, throw the pecks
36 along with the belly flap over if given the
37 choice.

38 You know, as a technical advisor to
39 the IAC I've been making the case. And Sonja
40 says, well, we need to do this internationally.

41 Well, I believe there's 9 countries
42 out of 50-some that have gone along with this
43 Shark Fin Conservation Act. Nine out of fifty.
44 And they're trying to convince some little
45 fishery in Senegal to, you know, where ice may be
46 a premium, for instance, to go out and execute
47 this fishery or a fishery with, you know, and
48 come in and clean the thing at the dock.

1 I mean, oh fins, keep them attached.
2 I mean, my solution was retained fins must be
3 naturally attached at the point of landing.
4 If you're going to keep the fins they
5 should be attached. But if not, cut them off and
6 be done with it. Because 99 percent of us don't
7 keep them.
8 And if you're going to go
9 internationally and try to make a case for this I
10 would say that would be your solution if you're
11 going to try to cut down on the finning.
12 Because, I mean hey, if they've got
13 them, cut off the carcass on the vessel. Then
14 you've got a case.
15 You know, I know my friend got nailed
16 similarly, but that was not intentional. And
17 again, that is the solution to this. Anyhow.
18 One other point. With 80 percent of
19 the quota proposed over the past 10 years that
20 will, if started on January 1, likely leave the
21 initial participants out of this fishery which
22 was a king mackerel fishery in November and
23 December.
24 And those guys will be displaced
25 again. You know, that will be the same as what's
26 coming with the blacknose and the sharpnose with
27 us in North Carolina. We're displaced out of
28 that very same fishery in that fall mackerel
29 fishery by the blacknose being caught in Florida.
30 So again, thanks.
31 FACILITATOR LEA: Dewey?
32 MR. HEMILRIGHT: I had a question
33 about the vessel monitoring systems. I have a
34 directed shark permit and for the last however
35 many years I haven't shark-fished in four or five
36 years. I have a directed shark permit.
37 I gill net fish. I have a boat beside
38 me that has gill net onboard. Does not have a
39 directed shark permit. He doesn't have to have a
40 vessel monitoring system.
41 I don't understand the inequity there.
42 I have to have a directed shark permit to go
43 pelagic longline fishing. You have to have an
44 incidental or directed tripack.
45 So, I don't understand with the
46 implementation here of this Amendment 9 how you
47 parse out a piece of paper for a permit that
48 you're not harvesting the sharks.

1 The season's closed. We have closures
2 off North Carolina from January till July 15 in
3 the Mid-Atlantic region, Mid-Atlantic closure.

4 Why do I got to have a directed -- I
5 mean a vessel monitoring system and the guy
6 beside me doesn't? That's one question.

7 Second of all, I'm for the sub-
8 alternative A2-1A, that any smooth dog you catch
9 you should be able to harvest it, carcass it, fin
10 it and sell it at the dock, whether it's one
11 percent or 100 percent of your catch.

12 And that would be in line with my
13 observation of what the Shark Conservation, the
14 clause there was the intent of it.

15 It's labor-intensive on these sharks.
16 You're not catching a whole bunch of other
17 species as somebody alluded to. You might be
18 finning other sharks or something. Predominantly
19 you're just catching smooth dog sharks. It's not
20 other species you're catching with it, not shark
21 species. Could be bluefish, maybe monkfish if
22 you're monkfishing. But you know, the size gill
23 nets, you're only using from five to six inch.

24 But basically the one about the vessel
25 monitoring system. I don't understand the
26 inequity there if you've got two boats.

27 I have to have that piece of paper to
28 go pelagic longline fishing. I'm not shark-
29 fishing. Hasn't shark-fished. Got a closure off
30 our coast.

31 But other boats that gill net fish
32 don't have to have the vessel monitoring system.
33 I was wondering if you all could answer that
34 part, please.

35 MR. DURKEE: Yes, I see your point.
36 And if you're fishing off North Carolina under
37 our preferred alternative you would no longer
38 need to use that VMS.

39 Actually, well perhaps I should back
40 up. Maybe I wasn't clear on the proposed
41 measures that we have up there. So let me just
42 show you this slide one more time.

43 So, you're right. Currently if you're
44 fishing off North Carolina you have a directed
45 shark permit and if you have gill net gear
46 onboard you do need to use a VMS.

47 Right now we're proposing to change
48 that. If you're fishing off North Carolina you

1 do not need to have a VMS under HMS requirements.

2 MR. HEMILRIGHT: Thank you.

3 FACILITATOR LEA: Scott?

4 MR. TAYLOR: I also want to echo the
5 consensus about not just the smooth dogfish but
6 the small coastals.

7 And that I think what is easily lost
8 to some of the members on the panel is that these
9 sharks are being targeted and caught for the core
10 weight of the meat, period.

11 The fins, essentially we refer to as
12 "chips", have no value. They're more of a
13 nuisance than what they're worth.

14 And that, you know, that the inability
15 for these guys to be able to dress and take care
16 of their product out there is counterproductive
17 to what I understand the initial intent of the
18 purpose of the finning to be.

19 Large coastals used to be a different
20 situation. You primarily were fishing for the
21 value of the fins and there was some level of
22 difficulty depending on what it was in the value
23 of the meat.

24 But that's absolutely not the case on
25 all of these small coastals. Even though we
26 don't get a lot of smooth dogfish down in Florida
27 we do get a lot of blacknose and inshore coastal
28 fisheries. So we see this all the time down
29 there.

30 And there is essentially no market at
31 all for those, what we refer to as the chips.

32 So again, I want to echo what David
33 has said and Dewey has said. I mean, this is a
34 case of common sense ruling out that if you're
35 going to allow these fisheries to exist, these
36 small coastal fisheries to exist, let us take
37 care of the fish the right way.

38 Nobody's going out there to collect a
39 bunch of chips on the fins. Clearly you're not
40 mandated for anything else other than for the
41 dogfish. And all I would suggest is that we use
42 as much common sense in allowing for the handling
43 of that as possible.

44 FACILITATOR LEA: Terri?

45 MS. BEIDEMAN: I would also echo their
46 comments. It's ridiculous to have to have people
47 wasting time at the dock. The dumpsters don't
48 need that. Docks don't care for it, at least in

1 my neck of the woods.

2 I talked with a fisherman over the
3 weekend and he actually specifically referred to
4 this particular part on the VMS. And I believe
5 he may have made it very clear that in 2003 that
6 he would not be anywhere near the area needing
7 this.

8 And just, what it says, and I realize
9 that's no doubt why you did it, regardless of
10 geographic location would simplify compliance and
11 outreach.

12 And since then it has become apparent
13 that some shark gill net fishermen do not fish in
14 or even near. So now they have VMS on their boat
15 and they've been paying for it.

16 And now you're telling them to take it
17 off. So anyway, too bad. A lot of -- I know a
18 lot of people told you they're not going to be
19 down there. So, compliance. Thanks.

20 FACILITATOR LEA: Rusty?

21 MR. HUDSON: Rusty Hudson, commercial.

22 In my 30 years of having begun and
23 been involved with the shark fin business we had
24 to grow that business. It started out as a meat
25 market. With the encouragement of the National
26 Marine Fisheries Service all throughout the 80s.

27 Once we developed the market then we
28 had mercury issues hit our meat about early 90s.
29 We lost half our meat market overnight.

30 The shark fin prices started going up
31 thanks to Discovery Channel advertising the
32 values of the large coastal fins. Those fins are
33 very evident as to the species, evident to the
34 value.

35 Now, we got to a point where those
36 prices were pretty high. And at a certain point
37 having bought a little bit of smooth dog, a
38 little bit of spiny dog dry fin from the
39 Northeast across those years you've got to
40 understand when they cut that fin off of that
41 carcass it's a clean cut with no nob or nub or
42 anything left on that carcass. One cut. Not
43 two, not three, whatever.

44 The same is true with sharpnose. The
45 same is true to a certain degree with blacknose.
46 Finetooth might be a little bit different because
47 you can do a moon cut just like you do with the
48 large coastal sharks. That's where your yield

1 percentage to carcass ratio goes down to 5, 8, 10
2 percent just depending on who's doing the
3 cutting.

4 We used to allow like a little sliver
5 of meat on those big fins. These little fins?
6 No.

7 And now with this campaign to ban
8 shark fins on an emotional level like we're
9 finning has collapsed not only our shark fin
10 market here, but it's had an effect on our shark
11 meat market. All with bad press.

12 It's a bad shame that there wasn't a
13 little bit more done to protect the people that
14 were encouraged into this business by National
15 Marine Fisheries Service 30 years ago.

16 But here we are. We don't have a
17 shark fin market that is as good as it could have
18 been, could be. We're having to rebuild it.
19 We're having to look for places to send meat,
20 possibly frozen, to Mexico so they can dry it,
21 stuff like that.

22 So, all of that going on is very bad
23 for business. And I can understand exactly what
24 any dealer who's looking at these little fins
25 that used to get them maybe a dollar or two a
26 pound with the meat on it. By the time it dries
27 it has all of its different issues.

28 Now you can't even get that. And that
29 upper tail on those other sharks having to be
30 brought in? We're filling the dumpsters with
31 that stuff.

32 And now we also have the problem to
33 where the price of meat hits an all-time low,
34 something that I hadn't seen since the mercury
35 thing in '91.

36 And I still feel that there's more
37 that this management agency can do. As
38 businessmen if we have a problem it's solved
39 yesterday. Unfortunately in a lot of this type
40 of bureaucratic atmosphere these amendments go on
41 for a year and half, three years.

42 The science used to be done in nine
43 months for these sharks, at least the most
44 important ones. Now they're reaching for a year
45 and a half.

46 So we have now delayed our Atlantic
47 blacktip with an unknown status not until next
48 year, until the following year. Sandbar and

1 dusky are probably even pushed further off.

2 What is most important to us, just
3 like it is in the gulf and in the Atlantic, are
4 red snappers -- those have an important
5 commercial value -- our large coastals like
6 sandbars. We want them back. We'll see with
7 Amendment 6 which will be tomorrow. It's like
8 some things are off the table again.

9 So I think you should really think in
10 terms of trying to protect the businessmen, what
11 few you have left. Because it's a shame what's
12 gone on.

13 FACILITATOR LEA: Dave?

14 MR. STILLER: Yes, I was going to say
15 another thing. The only thing that really
16 matters on fins is large coastals and maybe
17 pelagics.

18 The fins on the makos and threshers
19 aren't worth anything. Just a D price which is
20 like chip price, or just above a chip price.
21 They're not worth anything.

22 But large coastals, the blacktips,
23 bulls, lemons, you know, or actually the
24 blacktips and then the aggregator large coastals,
25 those fins are worth decent money.

26 If you're going to do anything leave
27 the fins attached on those and it's -- it
28 shouldn't be no enforcement -- enforcement
29 shouldn't have a problem identifying small
30 coastals, especially if there's only one boat in
31 the whole Gulf of Mexico catching small coastals.

32
33 And then there's no more than 10 boats
34 at any given point in the year -- or gill net
35 boats catching small coastals around the country.
36 So, I mean it should be very simple for the
37 enforcement.

38 And nobody's breaking a law in this.
39 My uncle got that one \$48,000 fine for one set of
40 fins he wasn't supposed to have. I think he had
41 some other stuff going on with it too, but ain't
42 nobody -- nobody can afford that. Nobody wants
43 that and nobody wants to be illegal.

44 We're not finning. Geez, we haven't
45 finned since '93, you know. There's no sense in
46 it. It's stupid. It's absurd.

47 But what's absurd is us not being able
48 to bring this meat to the dock in really good

1 shape. I mean, all that extra work is just
2 killing. We might as well not even go fishing.

3 And the other thing real quick too
4 about the whole blacknose thing. This choke
5 species really killed everything too.

6 And now I'm basically the only boat in
7 the Gulf of Mexico catching small coastal sharks.
8 And I've caught the whole quota in four months
9 with a 27 foot boat.

10 Something is wrong with that picture.
11 Let somebody fish.

12 Guy and Karyl told me specifically you
13 could -- oh, it was don't worry. I said why did
14 you all take all that quota and put it over there
15 on the Atlantic?

16 They said well, don't worry, it's kind
17 of complicated. I said well, try me.

18 Well, anyway, they tried to explain
19 it. I didn't understand it.

20 They said don't worry, don't worry.
21 We have a provision in there. We can transfer
22 quota over to the gulf at any time.

23 Well, they did that last year. Well,
24 this year now it comes down to it we're out of
25 quota and there's plenty left on the Atlantic
26 that they didn't touch. And they can't transfer
27 it because of the blacknose and the -- or I mean
28 because of the bonnethead and the sharpnose
29 thing.

30 It just doesn't make a whole lot of
31 sense, especially when there are people here at
32 this agency tell you, yes, this is going to --
33 we're going to do it like this. There's no
34 problem. Don't worry about it.

35 And you don't worry about it. You
36 take their word and you trust them and you're
37 screwed for the rest of the year.

38 I don't know, we need some help doing
39 something. When I walk out them doors today, if
40 something don't change here in the next week or
41 two I'm done. And you know a small coastal
42 fisherman in the Gulf of Mexico is done. I can't
43 afford to keep going on like this. This is the
44 final straw right here.

45 FACILITATOR LEA: Any additional
46 comments or questions? Thoughts? All right.

47 Well, why don't we go ahead and move
48 to public comment. And then, for those of you

1 that might want to still talk to Brad or Margo
2 they will be around here after to talk with you.

3 And I'd also invite you to consider
4 there's about a good handful, eight or ten folks
5 that we haven't heard anything from.

6 So maybe if you kind of added some of
7 your thoughts on one of the sheets in the back,
8 whatever your thoughts might be, that would be
9 helpful too.

10 So, do we have anyone here that would
11 like to make a public comment? Okay. Can you
12 come up to a mike, please?

13 And before you get started can you
14 just state your name and any affiliation you
15 might have? Thank you.

16 MS. KULLBERG: Can you hear me okay?
17 My name is Kathryn Kullberg. I'm speaking on
18 behalf of the Humane Society of the United States
19 as well as our members on the issue of removing
20 shark fins at sea.

21 I would first like to thank the
22 National Marine Fisheries Service for its
23 leadership on this issue and for expressing
24 concern about exception to the requirement that
25 all sharks are landed with fins naturally
26 attached years ago when Congress made that
27 choice.

28 We strongly support alternative A1
29 which would ban at-sea removal of smooth dogfish
30 fins, thereby ensuring that all sharks are landed
31 with fins naturally attached.

32 This is widely recognized as the best
33 practice for enforcing finning bans and also
34 greatly facilitates the collection of species-
35 specific data.

36 Allowing an exception for smooth
37 dogfish puts not only this species but other
38 coastal sharks at risk for undetected finning.

39 It also compromises United States
40 leadership globally to end the highly destructive
41 practice of finning. Weak finning bans in our
42 own waters jeopardizes our nation's reputation
43 and goals as an international shark conservation
44 champion.

45 We strongly urge you to adopt
46 alternative A1. Thank you.

47 FACILITATOR LEA: Thank you very much.
48 Any other public comment? Hi there. If you

1 could just tell us your name and any affiliation.
2 MR. HOPKINS: My name's Glen Hopkins.
3 I'm a pelagic longliner. I'll try to keep it
4 brief.

5 I had a couple of questions. I had
6 made some notes during the presentations.

7 I wanted to -- you had a list of
8 things that needed to be done this year was the
9 Shark Conservation Act of 2010.

10 Is there -- what more are you all
11 doing on that? I mean, I thought it was a done
12 deal already.

13 MS. SCHULZE-HAUGEN: So, we had issued
14 the proposed rule last year. The comment period
15 has closed. And at this point we're evaluating
16 those public comments.

17 Next steps I think are not determined
18 at this point and certainly there's not anything
19 I can share publicly.

20 There have been exchanges of letters
21 with states that have passed state fin possession
22 bans. Those are all available on the website I
23 can provide to you. That would be what's
24 happened since that comment period has closed
25 that's publicly available.

26 MR. HOPKINS: Okay. So the comment
27 period is closed. All right then.

28 There's another kind of just a weird
29 point that comes to me. But part of the grading
30 system for this new IBQ that's coming out is your
31 compliance with your logbooks.

32 And I have an issue with it seems like
33 even though it's random I get chosen every year
34 to provide the financial data, you know, the
35 expense report and how much you get for your
36 catch, blah blah blah.

37 And I run into it all the time. I
38 mean, a lot of times it takes us at least 10 days
39 to 2 weeks to get paid for our fish.

40 So you know, in the past I could -- if
41 I didn't have to fill out that report I could go
42 ahead and send in my catch data.

43 And then in the meantime inevitably
44 I'll be out on another trip or whatever, so I get
45 behind. And that's really kind of hurting me on
46 my grade just because I can't submit the thing
47 until I get the information.

48 So I was wondering if you could maybe

1 check into that and see if we couldn't maybe
2 extend some kind of grace period or something for
3 those that are randomly picked for this program.

4 Also, in the presentation I took note
5 of a statement that said whole weight. On this
6 IBQ is whole weight going to be -- is that really
7 like whole dressed weight? Like if you bring the
8 fish to the dock in a form to sell?

9 But I just, I can't remember where
10 exactly I saw it, but it just, you know, that
11 could be substantially different on, say, a 400
12 pound bluefin. They might dress 300 pounds but
13 whole weight could be 400 pounds.

14 MS. SCHULZE-HAUGEN: So, I think you
15 saw that on one of the slides where we -- the
16 minimum IBQ share was I think presented in whole
17 weight.

18 And so let me -- so the IBQ system
19 would be whole weight. Brad is nodding. So,
20 does that answer your question?

21 MR. HOPKINS: Maybe. So if I'm
22 allotted so many pounds -- how are you going to
23 have the whole weight? Is that going to be an
24 estimate or something? Or are we going to have
25 to bring in the fish whole in order to fall into
26 that?

27 MS. SCHULZE-HAUGEN: The batteries may
28 be dying on some of these, Brad. If you want to
29 --

30 MR. MCHALE: There we go. So, where
31 -- all the quotas in the U.S. downward are all
32 accounted for in whole weight.

33 So the longline category is whole,
34 whole weight. How it's been proposed and
35 preferred is that the minimum share to go on a
36 trip, whole weight. The IBQ itself, whole
37 weight. Any estimates of a weight for, say, a
38 discarded fish would be estimated in whole
39 weight.

40 And then there are conversions. So if
41 a fish is coming back to the dock and it's being
42 dressed out, headed, gutted, tails, we can
43 convert that back up to a whole weight.

44 And that's actually what's done
45 predominantly now with any fish that's landed,
46 whether it be a harpoon, rod and reel, longline
47 fish to get back up to that whole weight for the
48 ICCAT purpose.

1 MR. HOPKINS: All right, that was kind
2 of all my questions.

3 I just want to -- Amendment 7
4 obviously is important to me and what's going on.

5 The thing that just gets me is all the
6 uncertainty. You know, my parents always told me
7 to read the fine print before you sign off. Of
8 course, I know it's a done deal. We don't have
9 any say in it. But read the fine print, son,
10 read the fine print.

11 And there's not even any fine print in
12 this. I mean, it's -- we're entrusting National
13 Marine Fisheries Service to react and do what's
14 in our best interest.

15 And hopefully it will. I know their
16 heart's in the right spot.

17 But I just run, you know, you guys are
18 always running models. I run this through the
19 Glen Hopkins model. Come January 1 the way this
20 thing is right now I go fishing and let's say I
21 do catch three bluefins on my very first set.

22 There's nothing in place for getting
23 quota yet, who it's going to come from, how much
24 it's going to cost. All I know is if I catch
25 three bluefins I can't go fishing on my next trip
26 in the first of the year in January.

27 And I'm sitting at home on the
28 telephone trying to talk to somebody up here,
29 well, where am I going to get this quota. And
30 we're working on it, blah blah blah. And
31 meanwhile I'm sitting there with a family to feed
32 and everything else.

33 And I'm just saying that the
34 intentions are good, but we're the ones that are
35 going to get thrown under the bus inevitably.

36 It's the same way with the cameras.
37 We don't know who's going to pay for the cameras.
38 But I know you all would like to be the ones to
39 pay for them, but if you all don't get the money
40 who's getting thrown under the bus? We are.

41 So, I'd just like to go on record as
42 saying that this Amendment 7, the way it is now I
43 really feel is very reckless. And I feel like
44 I'm the one in the cross-hairs of being the
45 reckless endangerment.

46 And we'll see how it plays out, but I
47 know it's a done deal. But I really think you
48 need to take your time and at least address why

1 can't you put it in print who's going to be
2 paying for cameras, and who's going to be paying
3 for the observations, and how much that's going
4 to cost. Why can't we have that in print?

5 Why can't we have it in print where
6 this magical quota is going to come from and it's
7 not going to be a bidding war that whoever owns
8 these quotas isn't just going to be sitting back
9 and just gouging the heck out of us?

10 It's just some very serious things in
11 there that me as a businessperson, I don't have
12 much choice in the matter at this point, but I
13 just want you to know that I'm aware of it and
14 I'm scared to death. Thank you.

15 FACILITATOR LEA: Any other public
16 comment? Hi there, just wondering if there's
17 anyone on the webinar that wanted to ask a
18 question or make a public comment. I don't know
19 if there's anyone left on the webinar.

20 MS. DANA: This is Pam Dana from the
21 Gulf Council. I do not have a comment, but I've
22 appreciated all the information today.

23 MS. DUVAL: Likewise. This is
24 Michelle Duval with the South Atlantic Council.
25 I've appreciated all this discussion. It's very
26 informative.

27 FACILITATOR LEA: Okay, thank you for
28 giving us a name and an affiliation to folks that
29 aren't in the room.

30 Any other public comment out there?
31 Yes.

32 MR. HEMILRIGHT: Yes, I want to give
33 public comment as a commercial fisherman. My
34 name is Dewey Hemilright and I wanted to address
35 some of the things that Glen was talking about in
36 Amendment 7.

37 I heard earlier listening to Brad who
38 said he had done this for five years putting this
39 stuff together. And it's not their intention,
40 you know, their hope is to have a pelagic
41 longline industry here in the United States.

42 If this Amendment 7 goes through as
43 the way it is, the uncertainties of where are you
44 going to get bluefins from, who's going to pay
45 for cameras, how are the cameras going to work on
46 the boat.

47 I mean on the side of my boat I have
48 21 foot down one side, 14 foot across the stern

1 and 8 foot on the other side before I got buoy
2 racks. That's a possibility of where we land
3 fish at all the time according to that -- how it
4 works.

5 I've been taking part in this fishery
6 stuff since 1997, active participant in these
7 advisory panels. I have no faith in the outcome
8 of a positive part of Amendment 7 for the pelagic
9 longline fleet.

10 Because there's not enough questions
11 answered about the business model of how much am
12 I going to have to pay for a bluefin tuna. You
13 know, are we going to be able to make our years.

14 As we look at other fisheries a lot of
15 people don't have a lot of power to go fish other
16 places. A lot of our boats off North Carolina
17 are 45 foot and under. You don't have that
18 luxury.

19 I would ask, you know, not so many
20 fisheries. Slow down. Because a lot of times
21 when you all proceed ahead thinking the best
22 intentions it takes forever to reroute something
23 that was a failure.

24 On the smooth dogfishery I think it
25 was based on the intent of Congress, my
26 interpretation, that if you put one smooth dog
27 over 10,000 pounds that you should be able to
28 carcass it and save the fins and bring them to
29 the dock.

30 We're not finning here. There's very
31 few of us left shark-fishing. I mean, not shark-
32 fishing but just fishing, period.

33 We're not finning here and throwing
34 our fins over in the United States. And I
35 basically could care less about the other
36 countries. I'm for the U.S. fishermen and what's
37 good for us here in the United States.

38 I hear a lot of NGOs talking about
39 being, you know, putting on a good hat for all
40 these other countries. Well, I could really give
41 a -- I mean, don't care about that.

42 There's not a whole bunch -- in these
43 policies we look at it's like what's next. And
44 with this Amendment 7 it's something that you're
45 -- it's a massive undertaking.

46 And I have no faith in you getting it
47 partly right just based on my experience as a
48 fisherman and taking part in this process. I ask

1 that you slow down and really think about it
2 hard, because once you've done something there's
3 going to be people put out of business by this,
4 period. And we don't always hear about the
5 losers, we just hear about the winners. And
6 thank you for letting me comment.

7 FACILITATOR LEA: Thank you. Any
8 other additional public comment?

9 MR. ODEN: Jeff Oden, commercial
10 fisherman, longliner out of Hatteras.

11 One of the more serious concerns that
12 I really didn't get a chance to address today is
13 in looking at --

14 MS. SCHULZE-HAUGEN: I'm sorry. So
15 you're addressing the panel now as a member of
16 the public? Not a panel member?

17 MR. ODEN: As the public, yes. I'm
18 public comment.

19 MS. SCHULZE-HAUGEN: Okay.

20 MR. ODEN: Well, I mean, hey,
21 either/or, whatever.

22 But my point is this. The agency has
23 said that potentially they could shut the whole
24 fishery down.

25 Well, there is five months out of the
26 year that I will never see a bluefin off North
27 Carolina. And if perhaps this fishery gets shut
28 down in March perhaps and the IBQ is not working
29 for some reason, you know, does it make sense for
30 this agency to force an area that has no
31 interactions, that has none, has been observed by
32 8 percent.

33 The only fishery that's been observed
34 and can prove its innocence during this time
35 frame. Does it make sense for us to be closed
36 during those five months if there are no bluefins
37 in that area? In which case there will be
38 displacement issues.

39 But still, I mean there are so many
40 questions unanswered with this proposal. And
41 that's just one of the more obvious ones that
42 would seem ludicrous to hold an industry hostage
43 in areas where there is no incidence during a
44 certain time of the year. Yet the agency has
45 made the statement that it would close it.

46 So, that is probably my biggest
47 concern. Because you know, I can -- I'm one of
48 the few boats that will do other things for that

1 five-month closure. I'm one of the few. And
2 there are a lot that can't who I empathize with
3 considerably.

4 But there are also, you know, I may
5 not even be participating in that fishery for the
6 first four months of the year and yet I may not
7 get to participate in the rest of the year
8 because of what may have happened prior. In an
9 area that has no incidence at all.

10
11 So, I just want to throw that out at
12 you and let you mull that over. Thank you.

13 MS. SCHULZE-HAUGEN: So, as we have
14 panel members representing themselves as members
15 of the public what I'm getting is that we want to
16 continue the dialogue on Amendment 7.

17 So, what I'd like to do is adjourn the
18 meeting and we will continue to be here. Again,
19 I'll stay as long as you guys want to stay. And
20 we can talk about it.

21 But for the sake of other folks I
22 would like to adjourn the meeting and then we'll
23 continue in a more informal setting.

24 So, thank you, everyone. I think this
25 was a really good conversation. I think we heard
26 a lot. Hopefully we answered some of your
27 questions. And then we look forward to
28 reconvening tomorrow at 8:30. So, thank you.

29 (Whereupon, the above-entitled matter
30 went off the record at 5:09 p.m.)

31
32
33
34
35
36
37
38
39
40
41
42
43
44
45
46
47
48

A	absurd 133:34 154:46,47	accusations 42:12	actively 25:41 59:12 109:46	49:17 84:26 96:3 102:41 103:1 159:48 160:34 162:12
\$1,000 36:26	ABTA 66:14	accustomed 71:15	activities 4:12 8:10 79:29 82:1 99:22 99:41 100:14 111:3	addressed 23:3 56:12 69:40,45 87:2 94:34 107:46 113:23 122:16
\$158 95:19	abundance 100:27	achieve 92:37 96:20 111:1	activity 22:38 23:48 25:36 28:43 37:35 44:45 45:13 45:17 52:32,34,35 52:41 80:26 109:42	addressing 56:16 120:32 162:15
\$2,000 33:36	academia 27:35	achieved 64:46	acts 41:15	adequate 87:35 96:29 131:5
\$20,000 31:47	academic 6:17 7:39 29:19	achieving 11:13 66:36	actual 43:11 50:38 51:22 57:17 58:29 61:22 69:1 76:12 114:31 122:11 128:2 131:34 145:16	adequately 132:2
\$22,000 81:27	accept 111:4	acknowledge 75:40	adjoin 8:29 94:31 163:17,22	adjust 11:27,28 adjusted 11:3,7 adjusting 52:33 60:33
\$4,000 81:26	acceptable 46:7,12	acknowledged 54:48 62:15 64:23 143:2	acute 37:7	adjustment 11:32
\$40,000 35:3	accepted 36:45 45:33	acknowledging 59:25 83:30	acutely 76:42	administration 1:2 96:34 98:14
\$48,000 154:39	accepting 98:30	acknowledgment 9:46 56:37,39	add 32:1 75:36 84:43 94:6 103:35 115:26 123:27 124:36 142:46	administrative 33:30
\$500 148:13	access 9:12 41:10 53:27,47 54:42 55:1,13,23 62:41 63:12,24 78:47 80:14 98:5 111:27 113:31 114:8,15 114:21	ACLs 111:36,45	added 11:10 54:13 64:39 156:6	administrators 110:36
A-G-E-N-D-A 4:7	accident 36:11	acquire 45:20	adding 108:21 123:38 124:24	adopt 8:32 142:42 156:45
a.m. 1:22 5:2 47:42 47:43	accidental 78:27 87:9	acquired 15:8 23:7	addition 11:6 21:34 25:29 50:45 83:1 83:2 103:39 141:40	adopted 76:5 122:14
A.P. 42:4	accommodate 15:41 98:1	acquiring 23:14	additional 12:46 38:45 39:39 54:10 54:36,37 57:5,40 58:42 59:33 64:39 65:38 71:20 87:23 91:3 93:7 100:22 101:37,46 111:37 114:15,19 117:26 140:28,28 155:45 162:8	Adriance 2:3 7:33 7:33 38:37,38 62:31,32 63:28
A1 156:28,46	accomplish 87:28 87:31,32 106:44 106:45 107:10,19	act 13:16 17:30,37 26:6 44:5 69:7 106:9 110:21 115:21 117:22 121:6 122:35 125:2,4,7 134:24 134:29 137:33 142:29 148:43 157:9	advised 11:10 54:13 64:39 156:6	advance 23:37 49:41 113:41
A2-1A 150:8	account 28:47 49:19 51:20 71:35 84:31	acted 70:5	advice 45:28 143:18	advantage 106:12
ability 14:7 29:5 30:20 42:48 51:15 64:36 68:23 78:12 78:19,38 79:30,40 81:41,42 84:29 86:30 115:18 135:8 147:27,30	accountability 51:46 53:43 55:42 56:38 58:31 112:17,18 122:19 139:16 142:20	action 10:30 21:43 37:19 46:14 47:22 50:15 72:11 97:21 98:11,12 106:34 108:30 114:7 120:27 122:24,37 141:37	advantageous 141:32	advertisement 44:22
able 5:22 10:2,10 16:35 30:13 32:38 56:46 57:9,14 59:43 66:25 69:24 82:21,36 84:21 86:8,35 91:36 92:37 98:28 113:2 115:26 118:22 135:22,34 137:26 147:30 148:6,26 148:27 150:9 151:15 154:47 161:13,27	accountable 96:24	actions 10:16 11:39 13:17 16:47 20:43 20:48 42:9 46:10 73:20 96:23 103:25	advertisements 152:31	advisory 1:10,19 5:5 7:29 17:45
above-entitled 47:41 94:16 119:25 163:29	accounted 55:6 56:26,41 87:41,43 158:32	activated 36:4	address 14:31 17:14 27:15,48 37:48 42:11 44:37	
absence 12:25 80:42 108:8	accounting 51:17 51:22 56:48 61:29	active 10:36 28:27 44:44 56:1 64:46 70:39 77:46 88:1 161:6		
absolute 40:18 92:42	accounts 123:3			
absolutely 74:23 75:9 86:7 92:21 112:12 132:43,43 140:26 151:24	accuracy 77:11 85:47 86:4			
	accurate 65:6 136:3			
	accurately 81:41			

97:24 99:11 161:7	agendas 107:36	56:14,22,45 57:2	123:36,44 124:20	amendments 8:31
Advocates 6:12	agent 33:3 35:9	57:5,17 58:11	124:22,31,33,43	15:24,38 153:40
19:41 142:11	36:10	64:16,17,22,40	126:27,46 128:40	American 6:30
Affairs 16:15 22:41	agents 34:5 35:6	65:11 66:1 85:5	130:9,13,19,27,28	66:41
38:31 119:34	46:27	86:1,25 87:20,23	130:43,45 131:4	amount 23:4 33:35
affect 9:23 16:27	aggregated 11:20	87:45 89:25 91:8	131:40,44 139:41	35:3 49:34 54:44
79:40 118:32	11:23,29,41	139:23	141:27 142:35	68:8 78:25 79:25
138:19 141:13	aggregator 154:24	allocations 10:3	146:36 150:8,37	92:11 102:26
affiliation 8:41	ago 13:14 83:11	51:17 52:33,44	156:28,46	114:4
156:14 157:1	108:6,7 132:6	57:41 61:22 66:42	alternatives 49:7	amounts 36:26
160:28	153:15 156:26	78:45 79:6,7,11	52:14 53:10 54:34	56:30 77:28
afford 83:5 154:42	agree 71:27 84:3	79:13 84:30 89:38	70:1 71:28 73:26	ample 59:36
155:43	88:45 102:43	allotted 158:22	123:22 126:20,25	amplifying 100:46
afoul 80:32	103:33 142:30	allow 8:43 9:2	130:6 131:39	analyses 54:11,37
afternoon 44:33	Agreement 33:46	50:29 53:23,47	138:35 142:32	analysis 26:15
96:5 112:45,46	agreements 41:26	59:22 69:7,38	Amanda 2:26 7:11	31:13 53:28 72:19
113:2 119:21	ahead 6:9 8:41	71:43 80:5 107:5	amazing 66:24	84:8
120:21	17:43 23:26,36	118:41,47 122:32	67:41 102:30	analyst 41:4
agencies 9:25	29:39 36:37 38:36	123:8 124:39	amend 114:42	analytical 87:36
105:42,43	40:12 47:2 65:17	126:20,34 128:40	115:18,20 146:20	analyzed 31:25
agency 13:3,19	65:18 93:44 95:39	136:19,20 144:19	amendment 4:21	71:31
17:13 20:28 21:19	96:4 101:2 105:24	151:35 153:4	4:36 8:12,16,21	Andre 2:8 6:28
21:41 40:43 49:7	112:34 119:11,28	allowable 72:30	8:47 9:30,42	Andrew 2:9 6:20
49:15 50:3,28,35	122:38 133:11	147:13	11:46 18:9,10,13	23:1 103:6 109:1
51:25 57:7 58:33	141:1,18 155:47	allowance 126:10	19:27,31,34 20:6	119:38 120:6
59:22 60:39 65:37	157:42 161:21	allowed 38:40	20:6,14,16,16,43	anglers 95:18
66:25 68:19,23	aim 94:4	79:46 84:44	23:8 47:5,37,47	106:6,7,11 109:46
69:10 70:25 73:20	aiming 8:29 94:24	110:20 126:32	48:12,23,38,42	110:2
75:12,34 76:41	ain't 154:41	allowing 60:21	49:47,48 50:23	angling 10:23,28
77:4,14 83:12,46	aircraft 24:17	69:12 118:22	51:11 56:19 63:47	65:8 96:28 109:17
86:29 91:43 96:24	Alan 6:27	128:7 151:42	64:40 68:20 70:19	109:18 120:10
96:29,34,35 97:2	Alaska 81:45 97:47	156:36	73:26 80:5 85:26	140:11
97:25 99:6 103:24	albacore 61:21,25	allows 78:8 113:43	85:29,41 88:14	animal 40:39 44:2
103:44 104:28,37	61:28	122:26	91:33,39 112:35	44:4
105:13 107:33,44	Alexis 3:21 15:27	alluded 144:37	112:39 119:18,30	animals 43:47 44:8
108:6,24 109:20	alive 59:6 83:39	150:17	120:23,34 122:12	45:20 144:19
112:16 136:33,41	93:37	alluding 108:36	122:17,22,41,44	145:27
137:1,38 153:37	ALJ 33:24	alongside 76:23	123:14,37,41	Anna 2:5 7:9 70:6
155:32 162:22,30	all-time 153:33	altering 66:1	124:17,34 125:2	70:33 71:12 72:8
162:44	Allan 2:11 62:4	alternative 5:46,47	129:17 131:7	84:39 109:2
agency's 76:46	allegedly 35:40	14:8 52:27 53:1	135:7 139:14	111:16
96:23 103:8	alligator 109:37	53:31 54:2,4	141:14,28,42	Anna's 88:42
110:11 142:27	allocate 10:2 70:12	55:10,15 60:39	143:21,28,32	announce 48:2
agenda 7:48 8:6,32	allocated 10:14	64:8,11 68:42	146:25 149:46	annual 15:46 17:46
8:32 9:28 11:36	53:2	71:14,30,33,41	154:7 159:3,42	52:29 53:3 61:22
18:42 88:39	allocation 52:22,42	72:42 78:43	160:36,42 161:8	64:11 89:44 90:17
108:48	52:45 53:6 56:6	123:23,24,25,35	161:44 163:16	116:6 122:46

123:27,38 124:24 124:36 answer 16:28 26:19 32:22,38 38:40,43 38:44 88:42 89:47 90:40 91:19 106:30 132:30 134:23 139:7,12 139:38 150:33 158:20 answered 65:22 161:11 163:26 answers 53:8 92:22 93:4 107:17 anticipate 26:34 50:11 115:29,30 anybody 28:6 65:42 70:47 72:38 72:48 73:9,17 anymore 5:8 90:47 148:10 anytime 9:6 anyway 66:12 84:17 112:44 118:9 119:22 152:17 155:18 AP 73:9 119:14 apart 121:1 136:34 apiece 67:10 148:13 apologize 71:17 apparent 34:26 41:12 46:10 152:12 apparently 62:1 appeals 50:26 appear 29:43,44 134:41 appeared 40:7 appears 46:33 78:28 105:28 138:32 143:36 appendices 14:27 Appendix 14:23,27 14:28 81:23 apple 105:48 apple-to-apple	55:31 applicability 110:25 applicable 15:9 application 45:5,6 108:25 110:14 115:15 117:43 applications 115:19,22,27 applied 39:19 58:36 64:11 90:25 90:30 applies 121:3 apply 39:9 46:20 55:44 61:24 102:22 103:21 110:18 115:7 121:2,2 140:14 applying 52:38,40 58:10 appreciate 38:2,26 65:19 84:18 100:47 103:8 109:7 140:7 appreciated 38:13 160:22,25 appreciative 101:37 approach 10:10 28:45 36:2 43:32 97:9 approaches 37:11 approaching 106:7 126:1 appropriate 15:15 21:1 38:15 72:41 79:17 128:13 141:39 approval 17:4 122:32 approved 17:10 approximate 77:27 77:29 approximately 26:18 36:8 April 9:29 10:29 69:31,35 71:28,37	84:39 85:1 95:29 April/May 75:45 arbitrary 147:10 architect 86:31 area 8:48 13:45 14:39 16:27 24:8 28:26 36:1 38:9 43:10 47:7,39 51:42 53:11,14,17 53:23,27,29,44,47 54:3,20,27,29,32 54:43 55:1,17,40 56:8,11,11,18,24 63:2,13,14,18 72:29 75:31 78:7 90:29 91:20 104:42 113:27 119:43 131:16,24 131:27,30,35,47 152:6 162:30,37 163:9 area-based 54:1 areas 17:34 24:37 53:13 55:14,30 56:36 62:36,42 63:5,10 77:33 109:13,16 114:15 162:43 argue 72:40 arguing 86:45 argument 144:20 arguments 75:46 101:26 144:21 Arkansas 88:3 array 143:7 arrival 115:3 articles 41:37 articulate 69:6 articulated 50:20 73:47 78:43 80:6 90:24 artisanal 85:43 aside 10:15 42:28 52:20 56:20 74:17 asked 22:21 48:19 69:34 82:6,9,13 97:25 99:42,46	102:21 asking 29:46 82:42 87:22,32 91:37 99:18 107:29 asks 20:32 ASMFC 123:34 139:24 ASMOC 36:44 37:2 aspect 136:26 137:42 aspects 51:27 83:34 103:2 135:40 ASS 138:3 assessed 22:3 59:1 assessing 13:46 145:48 assessment 12:1 21:26 30:3 33:34 72:33 94:11,15 103:47 119:13 121:8 123:46 124:41 128:45 136:22 141:4,16 141:28,34,38,39 141:43 143:17,35 143:39 145:40 146:20,22,26,31 147:14,34 assessments 18:4 33:17 103:36 104:7 asset 76:11,13,26 assets 27:10,33 assigned 33:4,9 81:21 assigning 41:3 assist 26:36 35:9 51:24 assistance 34:33 36:17,18 associated 48:42 53:40 55:22 56:4 56:17,44 57:48 58:38 63:12 80:39 Association 6:31 6:43 13:8	assume 20:7 77:34 89:28 116:35 133:16 assuming 143:18 assumption 35:23 59:31 assumptions 29:17 assure 87:39 asterisk 128:25 at-sea 156:29 Atlantic 1:6 7:10 11:8,22,24,29,42 13:27,33,34,36 15:35 22:6 24:8 34:21,35 56:9,14 56:31 60:11 62:37 71:13,40 72:2 78:16 85:15 113:27 114:47 115:43 116:11 120:33,37,41,44 121:10,11,38 124:6 128:28,48 129:8,12,13,14,25 129:26,30,33,43 130:3,17,31,32,40 131:2,13,14,32 132:2,3 139:41 143:1,45 153:46 154:3 155:15,25 160:24 atmosphere 153:40 ATMOSPHERIC 1:1 attached 35:15 41:15 125:6 142:37,48 149:1,3 149:5 154:27 156:26,31 attaining 55:29 attempt 81:5 attending 119:12 attention 16:3 attorney 33:5 Attorney's 27:21 auditing 58:27 77:10
--	---	---	---	---

August 10:45 11:1 13:42 24:33 60:41 75:24 102:9,31	B 81:23 88:21 B1 123:23 143:20 146:36	bag 35:29 101:24 132:42 134:6,18	119:2 137:18 145:3 147:12 150:24 155:6 161:35	93:4 96:19,30 97:48 136:2,4 148:41 152:4
Augustine 2:4 6:32 6:32 21:10 36:38 38:14 48:2 105:25 132:22,38 133:15 134:1 136:36	B2 123:25 124:22 B3 123:35 124:33 B4 123:44 124:43 143:15	bait 14:14 36:3 55:34 99:26	basing 143:17 basis 16:33 52:38 53:3,36 59:20 78:48 90:26 108:37 127:11 146:10	believes 37:31 Bellavance 2:7 6:36,36 belly 148:35,36 belong 100:40 benchmarks 124:4 benefit 15:19 16:37 47:24 73:4 79:35 benefits 54:48 73:5 124:44
authorities 114:11 authority 59:46 60:40 66:38 69:11 authorization 117:39 authorized 114:9 115:4 automatically 59:27 availability 19:21 available 11:19 31:30 33:20 40:4 44:22 48:26 51:7 52:22,45 53:5 57:22,33 59:36 64:4,26,40 69:36 69:38 70:26 80:41 91:4 92:12 112:23 112:25,27 123:26 124:23,35,46,47 137:9 141:29 157:22,25	back 5:37 8:1,30,46 18:26,29 24:33 28:29,33 30:22 33:8 36:6 37:12 37:39 39:37,39 40:39 41:2 47:32 47:36,45,48 48:12 48:21,22,33 49:40 49:48 50:18,32 51:3 60:41 61:41 62:19 65:3,20 67:22,31 70:35,39 72:26 73:12 74:8 79:8 81:11 85:17 94:4,21 100:43 101:31,42,47 102:25 106:8,9 107:22 108:4,21 119:17,30 121:45 122:43 128:43 131:19 134:11,31 135:9,23 138:11 138:21,22,27 144:8,21,48 147:38 150:39 154:6 156:7 158:41,43,47 160:8	balance 43:2,3 60:35 92:5 balancing 57:3 69:6 ballpark 20:9 Ballroom 1:20 Baltimore 34:42 ban 14:28 142:25 153:7 156:29 Bank 103:46 Banks 77:37 bans 156:33,41 157:22 Barn 102:12 barter 99:38 base 11:1,13 32:7 52:33 89:26 based 11:27,30,33 29:2,8,10,15 39:26 40:6 41:42 52:34,41 53:16,28 53:47 54:5,32,36 55:19 56:1 57:38 59:19,24 63:5,40 64:27 78:39 79:28 79:32 82:11 97:20 98:36 117:17,19 120:21 123:31,45 124:39,41,45 140:43,43,46 146:47 147:14 161:25,47 baseline 10:3,11 64:24 basic 8:37 142:19 basically 9:19 11:8 12:28 13:23 18:22 33:19 66:1 98:27 98:35 104:19 108:22 111:5 112:31 118:9	batteries 5:26,27 158:27 battle 66:21 beach 40:37 131:37 131:38 bear 5:13,24 62:32 bears 84:12 beat 43:8 beaten 74:38 Beckwith 2:5 7:9,9 71:11,12 72:21,36 111:17 Bedford 34:36 beers 48:26 began 99:17,17 144:22 beginning 59:18 65:46 144:25 begins 89:40 begun 152:22 behalf 6:42 95:14 118:38 156:18 behavior 29:17 Beideman 2:6 6:41 6:41 77:21,41 78:10,20,44 79:19 80:9,44 116:41,47 117:38 118:20 151:45 belief 90:38 believe 18:5 20:23 26:30 30:38 32:14 72:33 81:3 82:33 86:7 88:18,18,19	best 27:15 30:19 50:44 51:3 78:19 91:48 93:48 106:12 143:2,14 156:32 159:14 161:21 Bethesda 1:21 better 5:13 12:16 27:5,20 29:30,31 52:7 78:1 81:4 84:13 85:10 88:32 98:28 101:34 102:47 104:8 107:5,5 110:3 137:20 142:40 143:4 148:6 beyond 80:43 90:38 104:47 bicker 89:20 bidding 160:7 big 5:7 7:46 8:38 22:25 74:21,25 75:30 93:24 102:11 121:21 153:5 bigeye 19:20,21,32 21:11,13,37,47 22:5,14,18 83:35 bigger 43:23 103:29 biggest 93:16 122:4 162:46 bill 6:44 54:39 91:31,45 93:14
B				

billet 28:9	blood 48:5	31:46 47:27 66:36	Brad 3:23 48:19,25	bucks 47:39
billfish 6:20 12:39	blowing 31:41	77:46,47 78:12	62:32 63:38 65:22	budget 12:8 24:21
12:41 17:30,32	blue 6:42 36:5	82:34 85:27,45	67:33 71:27 73:37	24:48
39:17 42:31 97:47	127:1	86:2,24 88:1,27	82:42 86:7 89:25	Buendia 23:44
billion 95:19	bluefin 4:21 6:31	90:18 91:6 93:18	94:5,7,32 101:10	buffer 61:14
bills 82:48	6:35 7:24 8:13	93:24,29 118:28	101:43 102:17	build 61:14 97:35
bin 61:11	9:40,42,48 10:17	118:35 145:23	112:39 156:1	97:36
bins 57:45	16:5 17:48 18:13	150:26,31 154:33	158:19,28 160:37	building 85:27
biological 72:24,28	49:19 51:16,41,48	154:35 161:16	branch 26:15	86:24
72:35 73:1 76:38	52:1 53:32 59:12	162:48	brand 9:38	built 30:11 75:26
88:46 140:5	60:16 64:41 71:38	Bob 6:16 22:11,27	break 8:12,15,22	bull 34:31
BiOp 122:34	83:35 85:6,15	22:28 29:38 30:43	47:4,35 59:8	bullet 79:45 81:24
129:17,29,35,42	89:13,19 90:48	30:44 31:10 40:11	63:26 94:3 112:43	81:34
130:7,11 131:6	93:37 101:37	40:13 43:6,7	119:16,21,23	bullets 100:45
bit 9:10 11:13	102:32,33 120:17	119:32 144:7,10	138:32 144:30	bulls 154:23
16:40 17:29 20:4	158:12 161:12	Bob's 41:20	breakfast 93:22	bump 68:24,27
20:19 28:31 33:13	162:26	bode 38:7	breaking 154:38	bunch 74:25
40:44 41:21 48:37	bluefin-only	body 73:19 143:9	breaks 9:6	107:19 128:28
53:7 66:46 68:15	120:15	bold 105:16	BREWSTER-G...	150:16 151:39
71:8,16 79:3	bluefins 88:28	bolded 125:28	3:10	161:42
84:35 85:9 91:20	159:21,25 160:44	bolts 57:31,35	brief 33:11 69:21	buoy 36:1 161:1
91:28 95:46 99:34	162:36	70:32	76:2 93:47 157:4	burdens 111:44
101:34 109:39	bluefish 132:34	bond 119:2,4	briefing 38:31	bureaucratic
112:36 113:7	133:3,27 134:45	bones 85:40 88:6	briefly 52:17 81:24	115:20 153:40
119:9 120:16,42	150:21	bonnethead 155:28	113:18	bus 159:35,40
126:47 128:16	bluefishing 133:2	Bonnie 82:6	bright 46:3 100:5	business 85:33,35
136:35 146:7	133:26	bonus 5:7	bring 18:29 38:16	86:18 90:5 152:23
152:37,38,46	blush 40:7	books 44:7 55:14	41:2 93:36 106:20	152:24 153:14,23
153:13	board 32:8 48:24	57:3	129:4 130:13	161:11 162:3
bitched 136:25	66:17	border 28:35 90:46	148:21 154:48	businessmen
black 44:45 45:32	boarding 26:10	Boston 34:2	158:7,25 161:28	153:38 154:10
109:19	31:42,45 32:3,11	bother 147:9	bringing 30:22	businessperson
blacknose 11:29,32	32:14,17 33:48	bottom 35:13 38:40	129:20 141:24	160:11
11:43,45 29:45	35:10,47	64:21 96:3 124:16	brings 61:36	busy 15:40 18:44
30:3,4 149:26,29	boardings 24:25,29	128:26	broad 9:3 97:42	84:20
151:27 152:45	24:39,44,48	bought 16:34	107:30 113:29	buy 91:9 109:48
155:4,27	boards 8:45	152:37	broad-brush 108:2	buying 90:6
blacktip 11:27,42	boat 7:4 24:19	bounce 74:8	broader 9:3	buzz 102:3
153:47	25:14,19,25 31:39	Bound 7:6	broadly 100:10	bycatch 69:7 83:22
blacktips 146:5,6,8	76:9 82:16,16,17	boundary 54:23,24	128:16	85:44 111:39
154:22,24	82:18,26 84:16	bounds 110:32	brochures 44:18	119:33 140:28,29
blah 157:36,36,36	93:38 149:37	Boustany 2:8 6:28	broke 30:29	
159:30,30,30	152:14 154:30	6:28	broken 30:30 122:2	
BLANKENSHIP	155:6,9 160:46,47	box 131:32	brought 30:24	C
107:25 108:42	Boating 99:10	boxes 13:26,26	42:10 142:1	C1 139:41
BLANKINSHIP	Boatracs 17:18	105:33 133:2,3,27	153:30	C2 130:13
3:9	boats 27:33,38	133:27,33 134:15	bucket 21:48	C3 130:28
				C4b 68:42

calculated 122:46	35:32 53:14 62:39	127:30 128:14	26:21,46,48 27:28	70:48 97:29 98:14
call 16:1 36:13	62:44 89:2,2	132:25,29 133:2	29:9,13 35:20,24	113:12 114:31,37
65:17 73:34 99:32	121:25,29,32,36	133:18 135:3	75:44 122:27	142:43
105:28 116:13	121:40,47 132:45	136:5,12 137:22	125:40 126:20,31	changing 19:30
call-in 80:48	133:12 134:34,35	139:21 142:31	126:36 133:10	Channel 152:31
called 13:22 17:3	136:30 137:40	145:26,46 146:44	137:27 149:29	charge 5:28 46:27
37:17 123:32	138:2 139:26	147:13,30 150:8	151:9 155:8	charged 37:5
calling 143:41	149:27 150:2,36	150:11 157:36,42	cause 19:18 64:19	106:25
calls 22:42 36:42	150:44,48 161:16	159:21,24	135:34	charging 5:27
101:48 102:8	162:27	catches 22:15	caused 136:15	33:22
calm 32:8	Carrie 3:27 139:2	74:18 78:27 85:8	caution 111:47	chart 19:8 126:48
camera-ready	140:8 144:9	101:41,46 129:2	cease 69:11	132:26
44:20	carried 63:14	139:22 143:4	Center 7:38 82:8	charter 7:4,41
cameras 71:7 82:11	carrier 113:33	catching 47:12	Central 13:27,32	10:25 31:39 33:37
83:15 159:36,37	carriers 34:9	69:37 74:34 92:43	100:9	35:31 59:3 84:16
160:2,45,45	carries 97:2	126:36 132:34	centric 78:6	109:17,17
campaign 153:7	carry 61:23 74:6	133:19,20 134:42	cents 107:24	charters 6:37
campaigns 50:36	97:1	134:45,46 135:27	certain 22:1 28:26	102:18
Canal 115:44	carrying 47:27	135:47 136:10,11	42:48 46:21,21	charts 140:47
canceled 8:23	105:11	136:11 140:30	79:25 87:1 152:36	check 28:20 37:9
candidate 65:4,7	carryover 57:23,25	150:16,19,20	152:45 162:44	129:46,47 130:4
65:22,23	carve 62:23	154:31,35 155:7	certainly 15:33	130:16,32,38,42
candidates 65:11	case 20:10 27:22	categories 10:4	28:25 38:3,28	131:1 158:1
canyon 21:17 54:29	45:12,35,39 78:40	51:16,31,47 52:19	92:48 103:8	checked 119:34
cap 143:31	108:40 132:39	64:6 70:37 78:37	119:48 140:5	checking 47:17
capabilities 94:12	141:17 145:5	82:46 84:30 87:1	146:6 147:13,21	130:25
capability 25:1	148:39 149:9,14	92:15,18,43	157:18	checks 129:42
68:30	151:24,34 162:37	category 10:4,13	cetera 55:7,18,34	139:41,43,47
capable 81:32	cases 25:48 26:24	10:18,23,27,28,32	58:23 65:39	140:1,3,18
capitalize 49:2	27:23 28:20,21	35:26 47:28 52:22	122:20 142:7,7	Chief 3:7
51:35 61:17	43:46 45:8,9,29	52:24 53:2,3,5,6	chairs 99:44,45	chip 48:6 154:20,20
captain 7:41	45:30 46:30 78:24	54:40 58:37,45,45	challenges 51:38	chips 151:12,31,39
carcass 42:22	103:45	59:16,39,42,47	champion 156:44	chocolate 48:6
125:38,43 135:4	catch 16:5 25:12,23	60:31,34,47 61:6	chance 6:8 135:39	choice 87:40
135:23,36 137:48	30:22,48 31:19	61:16,17,18 63:40	136:26,32 139:29	148:37 156:27
149:13 150:9	34:4,38 35:34	64:25,36 65:8,10	139:30 162:12	160:12
152:41,42 153:1	36:8 53:34 56:25	66:35 67:16 68:44	change 8:8 10:24	choke 155:4
161:28	58:24,39,48 59:6	69:32,36 71:23	31:19 52:36 60:47	choose 45:28
carcasses 25:16	72:31 74:20,30	74:41 78:38,46,47	64:10 84:33 92:21	chose 135:48
card 19:5 21:2,7	75:7 76:10,15	79:6,21 86:40	96:35 98:15	chosen 157:33
62:28,28	78:28,39 84:44	87:4,14 90:1,27	115:36 130:20	Chris 7:24 73:33
care 151:15,37,48	85:27 99:41 102:5	90:30,33,34 92:17	150:47 155:40	CHRISTOPHER
161:35,41	102:15,23 104:38	109:18 120:10,14	changed 11:3 35:24	2:41
Caribbean 13:37	122:2,29 126:2,12	120:17 158:33	58:2 66:32	circle 25:27
16:26,26	126:14,18,28,35	category-level	changes 31:32 49:9	cited 35:15
Carolina 3:33 7:6,8	126:38,41,44,48	52:38 90:26	49:25,27 54:8	CITES 14:26,34
7:15,36 31:39	127:10,13,16,20	caught 15:1,8	57:37 61:16 62:13	cities 131:36

claimed 25:10	139:16	collect 58:46	144:47 145:40	151:46 155:46
clams 34:22	closure 53:44 62:45	104:10 151:38	146:14 149:26	157:16
clarification 19:44	64:33 68:42 150:3	collected 59:10	157:30 158:41	commercial 6:34
44:31 79:44 96:48	150:29 163:1	77:12 97:18	Commander 23:43	6:42 7:2,14,17
134:2	closures 10:27	collecting 33:39	comment 4:40 8:18	21:27 23:5 29:40
clarify 25:43	11:40 16:26 150:1	81:32	8:28,42 10:42	32:1 34:1,9 35:27
clarity 43:10,34,35	clubs 44:14	collection 83:45	11:34 12:11,33	35:28,48 39:5,9,9
99:29	coast 3:35 4:18	141:48 143:4	20:40 21:5,11	39:14 41:32 42:40
class 109:48	23:29,32 24:8,44	156:34	40:16 42:12 46:48	45:1,17,43 46:39
classes 109:33	25:6,8 26:5,16	collective 73:22	47:5 49:46 50:45	55:29 58:44 61:2
clause 142:30	27:11 28:1,42	92:30	54:37,45 55:21	81:19 85:25 86:15
150:14	29:20,47 30:14	collectors 33:39	61:36,39,42,44	95:3 98:7 99:28
clean 133:5,32	31:3,42 32:6,26	collects 77:5	62:10,34 65:31	104:22 105:3
135:5 136:16	32:30 35:10 50:48	collision 36:13	67:21,43 68:7	106:6,11,15,17
137:46,46 148:48	53:13 78:5 118:36	Columbus 116:25	69:23 71:3,48	111:42 116:39
152:41	121:32,39,43	column 122:5	76:2,3 79:41	120:7,18,36
clear 44:1 45:2	128:29,30,33,35	127:14,16,38	94:31 98:34,42	121:17,31 122:1
63:15,20 79:20,45	128:42 131:32,33	combination 16:13	99:13 112:19,32	125:29,32,46
95:31 96:26,43,45	150:30	combine 16:17	112:36 115:23,33	127:8,28,31,44
109:21 110:13	coastal 7:31 11:21	combined 58:8	116:21,23,26	128:12 140:35
136:46 138:26,28	11:23,29,41 95:22	come 12:41 14:35	119:7 132:6	144:16 145:16,31
150:40 152:5	104:1 148:1,3	20:11 28:48 38:24	139:40 142:15	146:15 152:21
clearer 43:33	151:27,36 152:32	39:32 41:37 44:41	148:31 155:48	154:5 160:33
clearly 45:15,18	152:48 155:7,41	46:30 47:48 48:22	156:11,48 157:14	162:9
72:5 86:31 103:33	156:38	57:3,15,19,28	157:24,26 160:16	commercially
109:12 111:28,41	coastals 11:43,45	60:42 67:30,45	160:18,21,30,33	61:10 143:1
111:42,48 124:44	148:16,17,18,20	81:10 85:13 91:9	162:6,8,18	commission 6:46
135:42 151:39	151:6,19,25 154:5	94:4 112:30	COMMENTERS	35:46 41:29 95:25
click 5:16	154:16,22,24,30	118:28,36 119:17	3:41	97:23 99:5 106:4
close 11:12,22,34	154:31,35	127:1,8 133:36	comments 9:1,3	106:26 139:42
12:35 15:43 17:35	COCKRELL 3:11	134:37 137:44	11:35 17:39 19:38	commissions 15:37
20:46 21:20 28:35	cod 34:22 93:23	138:21,22,27	23:1,22 38:4	105:42 106:5
37:45 68:43 98:27	104:34,38	143:37 144:45	41:20 42:1 50:34	commitment 18:30
99:14,14 140:46	codification 66:33	146:20 148:48	50:38 51:7 53:8	96:21
141:12,13 143:44	codified 52:16	156:12 159:19,23	54:47 61:33,46,48	committee 5:6 7:29
162:45	61:22 66:12 67:12	160:6	62:3,8,20 63:4,34	17:45 26:35 29:4
closed 10:28,29	89:25	comes 62:5 68:30	65:38 67:46 70:44	29:22,31 72:2
55:13 62:36 69:40	codify 17:3,32	88:4 94:47 141:29	88:40 89:11 92:33	97:24,26 99:11,43
85:1 91:7 123:19	coffee 105:29	144:15,45 146:31	98:30 100:16	139:43
124:18 150:1	coincide 13:30	155:24 157:29	102:34,36 107:29	committees 103:14
157:15,24,27	coincidence 66:33	coming 5:34 17:35	110:11 111:4	common 151:34,42
162:35	Coke 105:48	17:44 20:24 22:30	112:6,20 113:21	communication
closed-box 47:7	collaboration	41:1 54:25 72:1	116:17,20,28	18:18 20:46
closely 21:25	68:34	83:23,27,37 93:17	119:8 128:19	114:13
closes 68:8 112:19	collapsed 153:9	98:26 101:42	132:15 140:12	communities 95:22
116:21	colleague 28:1	106:36 127:35	142:16,22,33	100:30 103:31
closing 123:9	colleagues 142:41	132:7,12 133:13	147:6,12,32	community 96:22

97:46 100:28 101:36 109:29 companies 34:17 34:18 company 35:7 comparable 24:45 compared 22:5 24:29 122:9 comparing 22:44 119:46 120:3 comparison 24:15 25:38 55:32 120:10 compelling 144:20 145:44 146:14 compendium 15:17 competent 114:11 competitive 90:15 complained 136:25 complaining 37:14 65:42 complaint 35:30,38 complaints 40:1 65:43 complete 138:40 completed 24:27 98:41 122:36,37 124:3 141:4,16 completely 74:37 74:38 112:3 complex 43:22 81:28 121:9 complexities 50:22 compliance 16:39 18:2,31 22:34 34:33 36:18 53:38 81:4,33,48 82:44 84:9 116:8 118:10 118:16 129:1 131:22 152:10,19 157:31 complicated 142:29 144:13 155:17 comply 33:43 35:8 36:46 129:36 130:10 131:12,20	134:32 component 63:9 72:25 73:2 99:37 118:17 components 50:31 80:4 100:40 composition 126:2 126:12 127:20 142:32 compounds 90:37 comprising 63:16 compromise 28:22 29:5 compromises 156:39 concept 104:45 concepts 95:47 100:42,47 concern 21:29 37:10 70:48 76:8 96:33 108:35 111:47 130:19 139:25 140:27 143:24 156:24 162:47 concerned 100:41 103:16 108:27 139:44 143:5 147:33 concerning 34:42 35:19,31,39 36:13 47:22 140:37 concerns 8:31 17:11,14 25:2 38:4 55:5 71:10 71:13,34 94:33,47 95:1 102:37 112:7 139:15,31 140:5 142:1 162:11 concise 48:45 conclude 20:36 30:48 conclusion 56:48 83:13 134:37 concomitant 78:27 concrete 124:9 condition 30:36	63:13 129:41 conditional 53:27 55:13,22 62:41 63:11 conditions 10:43 31:41 57:14 82:27 83:36 91:25 129:36,37 130:8 conductive 30:23 conduct 12:23 33:40 34:34,44 36:19 101:15 conducted 33:48 35:47 conducting 35:35 56:23 conference 33:8 116:13 confidence 77:14 124:11 confirming 132:11 conflicts 60:42 100:6 congratulating 85:31 Congress 119:35 134:39 136:40 138:10,15,18,21 138:45 142:41 156:26 161:25 Congress's 135:43 Congressional 137:5,17,19,21 Congressmen 66:23 conjunction 83:22 128:14 connect 15:14 cons 57:20 conscience 86:17 consensus 151:5 conservation 17:30 17:37 35:46 121:6 122:35 125:2,4 134:29 137:33 142:29 148:43 150:13 156:43	157:9 conservation-ori... 40:40 consider 26:42 46:12 99:46 100:7 100:48 104:16,35 124:48 141:30 156:3 considerably 11:14 93:19 163:3 consideration 96:29 97:40 113:45 115:32 122:34 141:42 considerations 98:7 111:32 considered 28:38 46:7,12 71:29 95:48 99:21,22 117:48 119:1 127:23 considering 18:39 24:20 96:10 100:13 111:2,45 124:12 128:45 consisted 34:20 consistency 100:21 111:26 consistent 46:24 consistently 42:34 constituency 85:35 86:22 constituent 122:34 constituents 18:28 32:3 100:24 115:47 116:3 constitutes 43:13 constrained 54:23 constraining 143:25 constraint 68:4 124:30 consult 129:21 consultation 13:39 14:1,4 28:24 122:33 consulted 129:26	consulting 15:39 consumptive 100:14 contact 32:34 81:22 contacting 38:29 contain 114:36 contained 69:4 113:12 114:26,32 container 118:45 contemplate 118:24 contemplation 118:21 contentious 88:5 continually 25:1 continue 15:34,45 18:44 24:47 26:41 27:6,10 31:24,31 53:46 55:9,24,26 55:27,46 56:7 60:18,32 61:34 62:25 69:12 70:27 73:29 76:21 79:14 83:42,44 91:39 101:44 107:41 108:47 121:42 123:8 124:40 133:42 142:3,18 143:5 163:16,18 163:23 continued 52:26 54:38 129:30,32 continues 15:47 52:28 94:33 continuing 11:46 15:26,43 16:6,25 16:32 70:3 88:30 97:15 continuity 98:11,12 contract 90:48 contracted 33:38 contraction 93:31 contributing 49:24 63:25 contributors 67:35 control 85:30 86:39
---	---	---	--	---

116:10	corresponding	157:5	87:3	51:27 55:32 76:34
controversial	42:22	course 71:29 73:31	current 16:45,46	80:19 81:32,38
144:13	cost 21:35 32:26	84:34,35 108:15	60:9 64:3,9 74:4	82:35,39,39 83:24
Convention 14:24	81:24 83:4 159:24	115:31 124:48	121:7 123:45	83:45 100:18
113:27	160:4	130:10 132:14	124:7 129:38	102:32 103:39,41
conversation 21:7	cost-effective 81:31	141:32 145:32	130:15	104:1,10,40
79:30 163:25	costs 55:23 70:21	159:8	currently 12:31	123:27,31,40,43
conversations	76:30 83:10 93:1	cover 10:10 18:43	13:46 56:21 57:42	124:23,35 138:3
70:24 93:8 109:30	132:1 148:9	21:46 33:21 80:42	57:45 59:1 60:3	140:44 141:48
conversely 52:34	council 7:10,14,27	coverage 10:44	64:38 70:19 74:2	143:4 156:35
conversions 158:40	16:26 26:36 28:5	76:37,39 80:22,33	76:40 79:13 81:36	157:34,42
convert 158:43	28:10 71:13,17,19	80:35 83:26	117:14 124:2	date 12:37 23:47
convey 42:36	71:39,40 76:7	113:25	130:2,22 131:9	24:29 26:48 50:19
conveyed 42:24	82:10 99:2,3,10	covered 9:27 85:23	132:10 150:43	60:33,40,41,44
convince 148:44	99:42 102:40	140:10	cursor 49:11	68:13,24 69:48
convincing 142:41	111:35 160:21,24	covering 62:42	62:13	71:22,26 72:16,17
cookies 48:3	Council's 76:4	110:31	curtains 59:35	72:18 73:25,28
105:48	councils 15:35,35	Cox 2:9 6:20,20	curves 77:2	75:24,25 76:28
cool 147:39	15:39 50:47	23:2,12,19 109:3	cut 35:40 42:21,24	81:47 88:47
cooling-off 50:16	105:39 106:25	CP 138:3	66:3,6,8,9 87:22	122:14 132:9
68:21	110:37	CRAIG 3:11	134:10 135:3,35	dates 11:25 50:24
cools 121:44	counsel 27:23	crawling 5:7	137:25,47 148:34	85:30 132:11
COOPER 3:12	28:24 33:6,12,15	create 88:35 97:5	149:5,11,13	Dave 7:30,37
cooperate 114:10	35:2	108:30 128:2	152:40,41,42,47	147:37,37,38
Coordination	count 30:8	created 35:28	cutoff 71:26 72:25	154:13
99:43	counterproductive	102:24 112:4	88:47 127:22	Dave's 148:30
coordinator 104:29	151:16	creates 76:11	129:11 132:27	David 2:27,38
copies 105:32	countries 118:22	creating 76:10,13	Cutter 25:9	151:32
copy 27:45 95:44	119:46 120:4	106:39 108:29	cutting 133:44	DAVIS 3:14
coral 13:43,47	144:43 148:41	crew 36:2 82:1	147:45 153:3	day 8:26 15:48
corals 14:1	161:36,40	114:10	cycle 79:15	31:43 32:14 34:38
core 88:13 127:39	country 95:12,16	criteria 32:17		39:48 40:29 47:40
151:9	96:13 99:1 106:13	64:28,38 65:12	D	47:40 48:37 60:4
cores 45:14	106:21 107:44	critically 46:23	D 154:19	60:47 68:3 81:29
corner 48:10 53:19	109:32,44 148:17	critters 29:24	D.C 104:29	87:5,5 93:33,47
53:22	154:35	croaker 132:34	daggone 133:5	106:43 116:25
correct 28:17 31:12	country's 22:44	134:47	daily 35:29	Dayboat 7:1
31:17 63:43 64:1	country-specific	croakers 136:11	damaging 31:46	days 16:36 50:16
68:6 80:2,3,15	21:46	cross-hairs 159:44	damn 93:43	61:1 69:23 93:18
87:48 89:29,30	couple 9:11 14:20	crosses 100:5	Dana 2:10 28:5,8,9	105:35 116:25
96:31 116:34,44	14:35 19:42 29:35	CUDNEY 3:13	28:17,25 160:20	132:9 133:29
116:46 118:43,47	33:18 46:48 83:8	culminating 122:33	160:20	157:38
134:19 136:20	85:37 86:24 94:20	cultural 95:21	dance 43:3	dead 51:34,45
corrections 73:31	107:26 110:9	99:37 103:1	dangerous 37:16	52:23 56:42 59:7
correctly 29:45	111:26 116:41	109:13	darn 148:17	84:25,40 92:27
135:35	119:30 139:4	culture 100:29	data 12:28 13:2	deadline 67:43
correlation 45:36	140:38 143:24	curious 62:38,45	16:14 22:2 30:13	71:42,47 72:4,10
			33:39,40 38:17	

73:2	61:7 70:39 77:13	109:35	determine 15:4	109:14
deaf 91:25	deer 109:36	depend 32:25	87:44 117:23	different 6:2 13:3
deal 46:4 56:47	Defense 6:15	73:46	determined 35:36	13:18,26 14:38,38
82:15,16 93:40,48	defer 65:37 77:31	depending 14:39	131:19 157:17	14:46 15:2 20:47
157:12 159:8,47	77:39	14:43 15:1 60:11	deterrent 27:27,28	20:48 31:20,27
dealer 16:30 21:20	define 99:20 112:1	77:36 92:34	detering 26:39	32:27,31 39:13
34:16,28 35:21,22	116:43	151:22 153:2	detriment 15:5	49:45 50:27,34,47
45:33 58:47 77:6	defined 128:24	depends 32:26	73:6	51:30,31,32 55:2
153:24	defining 109:12	deployed 58:30	detrimental 15:7	55:5,6 56:8 57:28
dealer's 34:15	111:20 128:29	76:45	71:38	57:45 61:10,38
dealers 16:32 34:13	definitely 29:23	deploying 31:5	develop 27:36	64:28,38,41 73:45
34:25 36:20	41:2,11 132:17	depth 127:35	38:12 95:37 96:9	79:33 83:18,35,36
115:41	definition 56:2	derived 77:9	97:27 141:5	88:10 92:6 100:12
dealing 20:1 34:17	102:45,48 109:21	derogatory 21:39	developed 16:6	101:26 104:14
34:18 60:45 72:33	111:24 125:34	describes 24:11	22:10 97:19,40	109:31,39 118:34
84:4	127:23 135:46	describing 38:18	107:36 152:27	128:31 134:3,47
deals 85:41	definitions 103:1	61:23	developing 57:35	135:13 136:1,13
death 43:8 49:31	definitively 65:12	deserve 101:14	61:21 95:33	136:23 137:2,30
86:23 160:14	65:13	DESFOSSÉ 3:15	107:38 108:22	146:5,7 147:18
decades 108:7	degrade 102:26	design 105:7	109:45 117:9	151:19 152:46
December 72:14	degree 69:4 76:27	designation 113:39	development 89:1	153:27 158:11
84:43 89:5,6	152:45	designed 14:30	95:27 96:30	differently 71:16
149:23	degrees 14:17 60:9	desired 51:42	deviation 46:7,13	109:43
decent 154:25	deja-vu 103:13	desk 46:30	146:48 147:8	differs 64:8
decide 46:13	delay 118:5 141:37	Desoto 54:28	deviations 122:48	difficult 30:21
113:43	delayed 50:19,23	despite 66:22 81:34	123:28,39 124:25	45:42 47:19 78:33
decided 16:17	68:16 122:31,31	81:34	124:37	120:48
92:16 131:28	141:36 153:46	destructive 156:40	Dewey 2:20 3:45	difficulty 145:22
decision 50:9 67:48	delicate 43:2,3	detached 39:6	7:13 38:35,47,48	151:22
68:3 70:29 84:5	delineated 134:7	detail 86:36 125:10	39:24 42:14	digesting 142:31
110:40	DELISSE 3:24	143:16	133:14 134:20	digress 104:26
decision-making	delivered 45:38	details 62:17 73:13	137:6 138:8 144:8	diligently 15:28
110:35	144:13	87:34 88:23,24	147:39 149:31	dime 75:10
decisions 18:39	Delray 131:38	95:47	151:33 160:34	dinner 48:26
33:24,30 58:33	demand 24:48	detect 26:4	Dewey's 40:15 42:8	dip 48:5
97:9 107:6 110:33	110:2	detected 25:6,20,25	144:48	direct 17:16 45:36
112:16	demonstrate	25:48 28:48 30:29	dialogue 13:12	95:39 110:15
deck 82:29 83:37	118:15,16	31:4,25 34:32	38:6 137:16	directed 10:3
decline 24:32	demonstrated	detection 25:44	163:16	126:24,31,43
decrease 24:39,41	85:48	28:46,48	DIANNE 3:29	127:1,8,24,29,39
121:39	demonstrating	detections 25:40	Dick 104:31	131:9,41 133:1
decreased 24:16	104:14 105:13,17	28:41	dictate 17:23	138:34 145:17
decreasing 121:22	demonstrations	determination	dictates 52:41	147:25 149:34,36
dedicated 49:35	34:48	20:31 64:28	difference 22:25	149:39,42,44
68:8 78:3 91:46	Department 7:36	117:18	45:5 64:23 65:1	150:4,44
dedication 50:3	27:18 35:41	determinations	88:20 132:39,40	directing 120:37
deemed 12:7 56:1	departments	50:28 73:21	differences 70:40	125:48

directly 18:33 22:45 23:13 32:35 47:31 80:39	discussions 68:34 70:27 76:7 95:32 96:43 98:47 100:2 101:13 111:36 120:5	Docks 151:48	41:15 43:46 73:15 75:34 79:34 84:33 90:7 93:28 101:32 102:2,27 105:39 106:5 107:9 108:28 109:36 110:4 135:30 137:34 141:8 142:37 145:7 147:17 153:2 155:38 157:11	drawn 97:17,30
director 7:16 82:7	dislikes 51:4	dockside 34:5	document 12:32 15:20 16:5 67:35 73:37 84:18 86:11 87:29 88:20 98:39 105:27,29,38,45 106:2,27	dress 144:19 151:15 158:12
directors 95:13 99:44	disparity 79:38 80:20,24	document 12:32 15:20 16:5 67:35 73:37 84:18 86:11 87:29 88:20 98:39 105:27,29,38,45 106:2,27	documentation 14:46 15:2 65:32	dressed 122:45 158:7,42
disagree 103:17,20	displaced 93:19 149:24,27	documented 52:23	documented 52:23	dries 153:26
disagreement 9:8	displacement 162:38	documents 14:38 41:12 65:34 71:24 86:28 113:32	documents 14:38 41:12 65:34 71:24 86:28 113:32	drift 31:6 131:1
disappointing 67:40	disrupt 74:23	dog 133:21 134:43 135:27 136:23 140:34 150:8,19 152:37,38 161:26	dog 133:21 134:43 135:27 136:23 140:34 150:8,19 152:37,38 161:26	drifting 53:18,24
disapproved 17:12 17:21	Distant 56:11,18,24	dogfish 120:31,38 120:41,47 121:13 121:15,17 125:8 125:11,20,24,30 125:40,46 126:1,7 126:13,17,21,27 126:30,36,40 127:3,6,13,15,20 127:26,31,41 128:1,22,41,47,48 129:3,10 132:29 136:5 137:8 138:16,19,25,29 138:30 139:9,28 139:36 145:36 146:4 148:2,23 151:5,26,41 156:29,37	dogfish 120:31,38 120:41,47 121:13 121:15,17 125:8 125:11,20,24,30 125:40,46 126:1,7 126:13,17,21,27 126:30,36,40 127:3,6,13,15,20 127:26,31,41 128:1,22,41,47,48 129:3,10 132:29 136:5 137:8 138:16,19,25,29 138:30 139:9,28 139:36 145:36 146:4 148:2,23 151:5,26,41 156:29,37	drive 75:31 107:41 145:2
discard 10:6,12 51:34 60:23 139:45 140:1	distinct 13:22	dogfish 120:31,38 120:41,47 121:13 121:15,17 125:8 125:11,20,24,30 125:40,46 126:1,7 126:13,17,21,27 126:30,36,40 127:3,6,13,15,20 127:26,31,41 128:1,22,41,47,48 129:3,10 132:29 136:5 137:8 138:16,19,25,29 138:30 139:9,28 139:36 145:36 146:4 148:2,23 151:5,26,41 156:29,37	dogfish 120:31,38 120:41,47 121:13 121:15,17 125:8 125:11,20,24,30 125:40,46 126:1,7 126:13,17,21,27 126:30,36,40 127:3,6,13,15,20 127:26,31,41 128:1,22,41,47,48 129:3,10 132:29 136:5 137:8 138:16,19,25,29 138:30 139:9,28 139:36 145:36 146:4 148:2,23 151:5,26,41 156:29,37	driven 106:16 147:43
discarded 81:42 158:38	distress 36:13	dogfish 120:31,38 120:41,47 121:13 121:15,17 125:8 125:11,20,24,30 125:40,46 126:1,7 126:13,17,21,27 126:30,36,40 127:3,6,13,15,20 127:26,31,41 128:1,22,41,47,48 129:3,10 132:29 136:5 137:8 138:16,19,25,29 138:30 139:9,28 139:36 145:36 146:4 148:2,23 151:5,26,41 156:29,37	dogfish 120:31,38 120:41,47 121:13 121:15,17 125:8 125:11,20,24,30 125:40,46 126:1,7 126:13,17,21,27 126:30,36,40 127:3,6,13,15,20 127:26,31,41 128:1,22,41,47,48 129:3,10 132:29 136:5 137:8 138:16,19,25,29 138:30 139:9,28 139:36 145:36 146:4 148:2,23 151:5,26,41 156:29,37	drivers 55:28
discards 10:35,41 51:45 52:23 56:25 63:26 66:18 69:12 84:26 92:28	distributed 90:34	dogfish 120:31,38 120:41,47 121:13 121:15,17 125:8 125:11,20,24,30 125:40,46 126:1,7 126:13,17,21,27 126:30,36,40 127:3,6,13,15,20 127:26,31,41 128:1,22,41,47,48 129:3,10 132:29 136:5 137:8 138:16,19,25,29 138:30 139:9,28 139:36 145:36 146:4 148:2,23 151:5,26,41 156:29,37	dogfish 120:31,38 120:41,47 121:13 121:15,17 125:8 125:11,20,24,30 125:40,46 126:1,7 126:13,17,21,27 126:30,36,40 127:3,6,13,15,20 127:26,31,41 128:1,22,41,47,48 129:3,10 132:29 136:5 137:8 138:16,19,25,29 138:30 139:9,28 139:36 145:36 146:4 148:2,23 151:5,26,41 156:29,37	drives 100:27
discovers 108:16	distributing 34:29 58:10	dogfish 120:31,38 120:41,47 121:13 121:15,17 125:8 125:11,20,24,30 125:40,46 126:1,7 126:13,17,21,27 126:30,36,40 127:3,6,13,15,20 127:26,31,41 128:1,22,41,47,48 129:3,10 132:29 136:5 137:8 138:16,19,25,29 138:30 139:9,28 139:36 145:36 146:4 148:2,23 151:5,26,41 156:29,37	dogfish 120:31,38 120:41,47 121:13 121:15,17 125:8 125:11,20,24,30 125:40,46 126:1,7 126:13,17,21,27 126:30,36,40 127:3,6,13,15,20 127:26,31,41 128:1,22,41,47,48 129:3,10 132:29 136:5 137:8 138:16,19,25,29 138:30 139:9,28 139:36 145:36 146:4 148:2,23 151:5,26,41 156:29,37	driving 140:25,25
Discovery 152:31	distribution 62:36 63:40	dogfish 120:31,38 120:41,47 121:13 121:15,17 125:8 125:11,20,24,30 125:40,46 126:1,7 126:13,17,21,27 126:30,36,40 127:3,6,13,15,20 127:26,31,41 128:1,22,41,47,48 129:3,10 132:29 136:5 137:8 138:16,19,25,29 138:30 139:9,28 139:36 145:36 146:4 148:2,23 151:5,26,41 156:29,37	dogfish 120:31,38 120:41,47 121:13 121:15,17 125:8 125:11,20,24,30 125:40,46 126:1,7 126:13,17,21,27 126:30,36,40 127:3,6,13,15,20 127:26,31,41 128:1,22,41,47,48 129:3,10 132:29 136:5 137:8 138:16,19,25,29 138:30 139:9,28 139:36 145:36 146:4 148:2,23 151:5,26,41 156:29,37	drop 59:35
discrepancies 25:28	distributors 99:27	dogfish 120:31,38 120:41,47 121:13 121:15,17 125:8 125:11,20,24,30 125:40,46 126:1,7 126:13,17,21,27 126:30,36,40 127:3,6,13,15,20 127:26,31,41 128:1,22,41,47,48 129:3,10 132:29 136:5 137:8 138:16,19,25,29 138:30 139:9,28 139:36 145:36 146:4 148:2,23 151:5,26,41 156:29,37	dogfish 120:31,38 120:41,47 121:13 121:15,17 125:8 125:11,20,24,30 125:40,46 126:1,7 126:13,17,21,27 126:30,36,40 127:3,6,13,15,20 127:26,31,41 128:1,22,41,47,48 129:3,10 132:29 136:5 137:8 138:16,19,25,29 138:30 139:9,28 139:36 145:36 146:4 148:2,23 151:5,26,41 156:29,37	drum 58:24
discretion 69:27	District 24:38 25:19	dogfish 120:31,38 120:41,47 121:13 121:15,17 125:8 125:11,20,24,30 125:40,46 126:1,7 126:13,17,21,27 126:30,36,40 127:3,6,13,15,20 127:26,31,41 128:1,22,41,47,48 129:3,10 132:29 136:5 137:8 138:16,19,25,29 138:30 139:9,28 139:36 145:36 146:4 148:2,23 151:5,26,41 156:29,37	dogfish 120:31,38 120:41,47 121:13 121:15,17 125:8 125:11,20,24,30 125:40,46 126:1,7 126:13,17,21,27 126:30,36,40 127:3,6,13,15,20 127:26,31,41 128:1,22,41,47,48 129:3,10 132:29 136:5 137:8 138:16,19,25,29 138:30 139:9,28 139:36 145:36 146:4 148:2,23 151:5,26,41 156:29,37	dry 40:37 152:38 153:20
discuss 33:17 62:24 70:31 112:47 113:2,11,18 116:14	divers 36:39 37:4 37:15,43	dogfish 120:31,38 120:41,47 121:13 121:15,17 125:8 125:11,20,24,30 125:40,46 126:1,7 126:13,17,21,27 126:30,36,40 127:3,6,13,15,20 127:26,31,41 128:1,22,41,47,48 129:3,10 132:29 136:5 137:8 138:16,19,25,29 138:30 139:9,28 139:36 145:36 146:4 148:2,23 151:5,26,41 156:29,37	dogfish 120:31,38 120:41,47 121:13 121:15,17 125:8 125:11,20,24,30 125:40,46 126:1,7 126:13,17,21,27 126:30,36,40 127:3,6,13,15,20 127:26,31,41 128:1,22,41,47,48 129:3,10 132:29 136:5 137:8 138:16,19,25,29 138:30 139:9,28 139:36 145:36 146:4 148:2,23 151:5,26,41 156:29,37	due 10:34 11:4 12:45 13:39 27:37 47:19 81:40
discuss 33:17 62:24 70:31 112:47 113:2,11,18 116:14	diverse 5:47 8:38 98:4 100:29 101:11	dogfish 120:31,38 120:41,47 121:13 121:15,17 125:8 125:11,20,24,30 125:40,46 126:1,7 126:13,17,21,27 126:30,36,40 127:3,6,13,15,20 127:26,31,41 128:1,22,41,47,48 129:3,10 132:29 136:5 137:8 138:16,19,25,29 138:30 139:9,28 139:36 145:36 146:4 148:2,23 151:5,26,41 156:29,37	dogfish 120:31,38 120:41,47 121:13 121:15,17 125:8 125:11,20,24,30 125:40,46 126:1,7 126:13,17,21,27 126:30,36,40 127:3,6,13,15,20 127:26,31,41 128:1,22,41,47,48 129:3,10 132:29 136:5 137:8 138:16,19,25,29 138:30 139:9,28 139:36 145:36 146:4 148:2,23 151:5,26,41 156:29,37	Duke 6:28
discussing 48:43 49:14 65:47 107:38 123:34	diversify 78:5	dogfish 120:31,38 120:41,47 121:13 121:15,17 125:8 125:11,20,24,30 125:40,46 126:1,7 126:13,17,21,27 126:30,36,40 127:3,6,13,15,20 127:26,31,41 128:1,22,41,47,48 129:3,10 132:29 136:5 137:8 138:16,19,25,29 138:30 139:9,28 139:36 145:36 146:4 148:2,23 151:5,26,41 156:29,37	dogfish 120:31,38 120:41,47 121:13 121:15,17 125:8 125:11,20,24,30 125:40,46 126:1,7 126:13,17,21,27 126:30,36,40 127:3,6,13,15,20 127:26,31,41 128:1,22,41,47,48 129:3,10 132:29 136:5 137:8 138:16,19,25,29 138:30 139:9,28 139:36 145:36 146:4 148:2,23 151:5,26,41 156:29,37	dumb 85:24
discussed 11:47 69:31 107:40 112:24 128:44 139:43	diversity 97:46	dogfish 120:31,38 120:41,47 121:13 121:15,17 125:8 125:11,20,24,30 125:40,46 126:1,7 126:13,17,21,27 126:30,36,40 127:3,6,13,15,20 127:26,31,41 128:1,22,41,47,48 129:3,10 132:29 136:5 137:8 138:16,19,25,29 138:30 139:9,28 139:36 145:36 146:4 148:2,23 151:5,26,41 156:29,37	dogfish 120:31,38 120:41,47 121:13 121:15,17 125:8 125:11,20,24,30 125:40,46 126:1,7 126:13,17,21,27 126:30,36,40 127:3,6,13,15,20 127:26,31,41 128:1,22,41,47,48 129:3,10 132:29 136:5 137:8 138:16,19,25,29 138:30 139:9,28 139:36 145:36 146:4 148:2,23 151:5,26,41 156:29,37	dumpsters 151:47 153:30
discussion 18:24 48:13 49:40 71:36 72:20 77:3 94:22 94:34,39 95:42,45 96:14 97:19 98:19 99:17,48 100:35 100:42,44 101:3 105:18 108:5 132:18 140:39 160:25	divide 60:19	dogfish 120:31,38 120:41,47 121:13 121:15,17 125:8 125:11,20,24,30 125:40,46 126:1,7 126:13,17,21,27 126:30,36,40 127:3,6,13,15,20 127:26,31,41 128:1,22,41,47,48 129:3,10 132:29 136:5 137:8 138:16,19,25,29 138:30 139:9,28 139:36 145:36 146:4 148:2,23 151:5,26,41 156:29,37	dogfish 120:31,38 120:41,47 121:13 121:15,17 125:8 125:11,20,24,30 125:40,46 126:1,7 126:13,17,21,27 126:30,36,40 127:3,6,13,15,20 127:26,31,41 128:1,22,41,47,48 129:3,10 132:29 136:5 137:8 138:16,19,25,29 138:30 139:9,28 139:36 145:36 146:4 148:2,23 151:5,26,41 156:29,37	Dunn's 94:42 95:11
discussing 48:43 49:14 65:47 107:38 123:34	divided 78:45	dogfish 120:31,38 120:41,47 121:13 121:15,17 125:8 125:11,20,24,30 125:40,46 126:1,7 126:13,17,21,27 126:30,36,40 127:3,6,13,15,20 127:26,31,41 128:1,22,41,47,48 129:3,10 132:29 136:5 137:8 138:16,19,25,29 138:30 139:9,28 139:36 145:36 146:4 148:2,23 151:5,26,41 156:29,37	dogfish 120:31,38 120:41,47 121:13 121:15,17 125:8 125:11,20,24,30 125:40,46 126:1,7 126:13,17,21,27 126:30,36,40 127:3,6,13,15,20 127:26,31,41 128:1,22,41,47,48 129:3,10 132:29 136:5 137:8 138:16,19,25,29 138:30 139:9,28 139:36 145:36 146:4 148:2,23 151:5,26,41 156:29,37	Durkee 3:17 4:38 120:20,21 132:30 139:10 140:7 141:24,45 142:16 145:14 150:35
discussion 18:24 48:13 49:40 71:36 72:20 77:3 94:22 94:34,39 95:42,45 96:14 97:19 98:19 99:17,48 100:35 100:42,44 101:3 105:18 108:5 132:18 140:39 160:25	diving 38:8	dogfish 120:31,38 120:41,47 121:13 121:15,17 125:8 125:11,20,24,30 125:40,46 126:1,7 126:13,17,21,27 126:30,36,40 127:3,6,13,15,20 127:26,31,41 128:1,22,41,47,48 129:3,10 132:29 136:5 137:8 138:16,19,25,29 138:30 139:9,28 139:36 145:36 146:4 148:2,23 151:5,26,41 156:29,37	dogfish 120:31,38 120:41,47 121:13 121:15,17 125:8 125:11,20,24,30 125:40,46 126:1,7 126:13,17,21,27 126:30,36,40 127:3,6,13,15,20 127:26,31,41 128:1,22,41,47,48 129:3,10 132:29 136:5 137:8 138:16,19,25,29 138:30 139:9,28 139:36 145:36 146:4 148:2,23 151:5,26,41 156:29,37	 dusky 11:48 18:9 19:43 20:5,16,20 154:1
discussing 48:43 49:14 65:47 107:38 123:34	division 3:7,8,33 4:25 7:8 9:20 33:33,34 35:1 38:29 46:19 62:5 129:14,22	dogfish 120:31,38 120:41,47 121:13 121:15,17 125:8 125:11,20,24,30 125:40,46 126:1,7 126:13,17,21,27 126:30,36,40 127:3,6,13,15,20 127:26,31,41 128:1,22,41,47,48 129:3,10 132:29 136:5 137:8 138:16,19,25,29 138:30 139:9,28 139:36 145:36 146:4 148:2,23 		

59:26 60:7,42 61:24 63:1 72:34 90:23 91:23 92:3	EEZ 47:12 effect 10:39,45 17:17 21:22,33,40 42:19 48:37 59:29 97:5 115:30 153:10 effective 23:9 50:19 50:24 68:22,24 81:48 82:3 122:14 122:38 132:9 effectively 115:39 118:11,34 efficacy 82:13 efficient 7:45 efficiently 25:4 27:32 effort 26:37 39:28 47:10,15 54:17 56:13 67:36 92:11 103:9 120:37 124:28 125:48 efforts 14:12 27:8 70:25 96:7 EFP 74:44 Egg 101:39 eight 25:16 69:20 77:38,44 99:1,44 105:41 110:37 156:4 Eileen 108:11 EIS 50:33 52:15,25 53:45 58:9 either 8:25 13:24 20:38 21:22 23:7 25:44 32:34 40:8 43:34 51:33 57:4 57:35 58:28 59:11 61:9 65:14 70:30 80:36 107:3 111:48 126:25 139:37 either/or 162:21 elaborate 70:28 84:34 133:14 electronic 8:27 16:5,30 52:5 58:20 68:15,25	70:16,21 71:5 76:23,24,43 77:9 80:12,29 81:21,25 83:2 88:24,40 92:48 111:39 electronically 16:33 95:43,44 electronics 114:21 elements 67:38,40 106:34 113:35 eligible 56:4 89:32 eliminate 92:16,17 eliminated 53:23 113:29 eliminating 10:40 143:10 elimination 11:4 Elizabeth 23:44 eloquently 84:39 else's 71:44 72:38 72:48 elucidating 5:45 email 22:46 27:48 32:34 41:10 94:6 embark 56:22,31 56:46 Embedded 105:45 emotional 94:29 153:8 emotionally 88:4 empathize 163:2 emphasis 5:44 106:15,19 emphasize 113:47 employees 133:38 employing 124:12 enabling 35:24 encompass 24:26 encompasses 99:34 encounter 60:16 encountered 56:35 encourage 8:43 98:9 109:28 encouraged 153:14 encouragement 152:25 encouraging 40:24	106:32 endangered 13:16 13:25,29,35 14:25 19:48 20:28,34,39 40:22 44:28 129:22 endangerment 159:45 ends 132:6 energies 92:31 enforce 41:41 enforcement 3:37 3:39 4:16,19 8:11 16:41,43 17:28 23:24,29,45 24:13 26:35 28:2,20 29:4,6,22,31 32:44,46 33:4,6 33:12,20,27,30,46 34:7,27,34,40,45 35:43,45 36:19,34 37:3,8,11,33 38:10 41:23,23,25 41:30 42:9,43 43:28 44:43 45:26 46:14,19,28 47:20 139:43 140:4 143:3 154:28,28 154:37 enforcement's 42:6 enforcing 156:33 engage 18:23,37 31:28 109:46 engaged 26:15 125:29,46 engagement 24:4 27:18 97:31 98:9 109:28 engaging 37:15 engender 112:36 England 7:27 74:10 76:4 104:27 104:34 enhance 98:3,10 enhanced 58:16 enhancing 106:32 ensure 18:30 92:13	96:24,37 112:17 116:7 ensuring 156:30 enter 113:42 entering 119:1 entire 50:21 59:2,8 78:33 87:7 89:13 97:16 entirely 27:8 140:30 141:37 entities 16:19 64:22 entrap 102:16 entrusting 159:12 entry 113:44 environment 90:23 115:30 environmental 4:22 6:15 9:41 12:5 33:45 48:41 49:6 50:7 53:21 54:7,15,35 55:11 55:25,36 57:43 58:12 60:18 61:33 61:40 63:22 147:42 envisioned 61:12 epidemic 40:18 equal 71:33 114:27 115:12 equally 72:41 80:18 equals 29:11 equates 63:30 equipment 35:17 36:22 80:19 82:14 82:31 83:1 equitable 54:46 62:36 67:1 106:10 equity 55:3 59:9 60:26 equivalent 57:48 erred 52:47 error 60:46 61:13 ERT 3:17,22,24 ESA 13:16,24,43 19:45 20:14 122:33
E				
E 71:14 e-dealer 36:24 earlier 36:44 46:2 54:16 57:8 59:23 59:27,33 62:29 83:16 94:48 98:13 119:31 123:19 142:2 160:37 early 8:25 22:13,21 30:47 74:12,27 98:44 121:36 152:28 ears 76:48 91:26 easier 43:19 easiest 39:38 139:7 easily 151:7 east 54:22 128:29 131:32 Eastern 13:34,34 easy 46:4 68:39 125:33 EBCD 16:21 echo 12:15 19:9 92:9 109:24 147:31 148:30 151:4,32,45 echoing 109:10 ecological 113:19 115:28 economic 72:34 115:31 economically 84:11 economics 29:16 106:21 ecotourism 100:14 editions 105:31 educate 40:35 101:33 educated 58:33 education 34:34 38:7,23 46:15 101:17,19,47 102:25				

161:46	141:46	57:42 58:11 60:18	151:18 153:9	24:17,22,29,35
fall 1:10 16:13	fee 116:48	60:33 61:33,40,42	154:44 156:33,38	25:39 30:18
17:36,45 26:44	feed 159:31	63:22 65:45 67:44	156:41,41 161:30	fish 6:45 10:19,20
46:39 50:12 76:47	feedback 15:26	68:1,12,17,22,29	161:33	10:21,37,40 12:19
98:35,43 112:31	18:39 29:23 32:33	68:47 69:13 70:4	fins 25:15 39:6	13:7 14:14,33
132:44,46 145:3	50:40 53:16 55:9	70:28,29,46 71:9	42:21 45:3,13,19	15:3 16:34 27:36
149:28 158:25	55:20 60:10 64:20	73:21,30,47 79:1	45:20 125:6,20,24	34:8,24 35:46
fall/early 121:47	73:8 100:1 120:24	84:2 89:24 94:9	125:39,42 126:6	36:3,10,15 40:25
fallen 66:37 91:25	137:13 138:39	97:35 98:43	126:14,18,21,32	41:28 43:17,38,41
108:19	feeds 72:32	108:43 113:20	127:48 128:4	43:44,48 44:30
falls 116:23	feel 5:10 9:5 48:5	116:5 121:46	129:4 133:43,44	45:18,32,34,37
false 104:4	67:26 76:25 94:34	124:47 125:35	134:10,31 135:3,9	49:23 56:41 59:6
familiar 102:12	153:36 159:43,43	126:39 130:44	135:10,22,35	59:6,35 60:4,21
family 5:42 159:31	feeling 107:1	131:7 132:7	137:26,37,47	65:24 69:37 72:29
far 9:44 36:23,27	feet 31:42	141:29 155:44	142:37,47 144:26	74:18,19,24,35,36
36:29 47:7 50:8	FEIS 84:5	finalize 80:31	147:41,45,47,48	74:47 75:3,7,29
50:46 59:9 60:1	Fellow 15:27	finalized 11:26	148:4,18,19,24,25	75:31 77:28,32,38
60:24,41 62:10,12	felt 84:36	73:22 96:20	148:25 149:1,2,4	77:38,39,43,47
68:11,16 69:3	ferreted 87:34	finalizing 70:21	151:11,21,39	78:32 81:43 83:37
70:20 71:45 80:33	fewer 24:17,18	finally 8:17,27	152:32,32 153:5,5	83:38 84:46 87:5
83:19,44 91:26	field 115:26	27:41 81:17	153:8,24 154:16	87:5,6,39,47
93:26 96:8 98:47	fifteen 37:5	114:24 115:11	154:18,25,27,40	89:48 90:20 100:4
135:41 140:9	fifty 146:43 148:43	123:44 128:23	156:20,25,30,31	109:39 116:45
147:32	fight 140:34	143:41	161:28,34	118:23 121:38
farm-raised 34:23	figure 85:32 86:27	financial 108:33	fins-attached	125:23 130:21,23
fashion 51:37	91:47 97:33	157:34	122:23 142:42	131:26 132:25,31
58:41 77:10,13	filed 9:34 113:3	find 12:28 21:21	143:11,47	133:38 134:14,45
109:37 138:34	fill 11:38 64:30,37	49:36 66:27 67:2	fireplace 105:35	136:17,19 140:2
fast 59:34	146:17 157:41	71:18,25 74:18	first 5:10 19:44	148:5,20,27
fat 74:32 75:3	filled 60:15 87:14	79:38 133:41	28:34 29:4,7	149:37 150:31
fattest 74:19	filling 61:16,17	142:27,44 145:5	37:24 39:36 40:7	151:37 152:13
fault 142:27	153:30	finding 15:5 20:29	64:45 65:25,26,28	155:11 157:39
fear 93:16,32	fin 126:9 128:7,40	121:11	65:30 67:42 68:13	158:8,25,38,41,45
feasible 68:32	134:36 135:4,13	findings 15:13	74:25 76:46 82:45	158:47 161:3,15
February 89:6	136:20,22 148:43	fine 42:18 89:43	87:37 88:43 98:25	fish-watching
federal 27:39 38:42	150:9 152:23,30	108:40 142:16	101:6,9 102:20	100:15
42:42 98:8 99:1	152:38,40 153:9	154:39 159:7,9,10	104:25,26 107:28	fished 37:44 61:10
100:21 101:30	153:17 157:21	159:11	109:4 120:28	143:1
104:19 105:42	fin-to 125:37,42	finer 36:28	121:30 122:5,13	fisheries 3:34,38
110:15,18,21,23	final 4:22,23 9:39	Finetooth 152:46	123:23 125:26,44	7:8,17,34 10:7
110:31 111:6,10	9:41 10:1,48	finned 45:17	126:3,11,19	13:8,35,39,47
111:14 113:3	13:21,42 15:43	154:45	127:14,46 128:34	18:31 24:13 26:34
128:10,15 129:19	16:22 18:12 20:41	finning 45:13,16	128:44 131:39	33:3 41:6 46:22
129:20 130:33	48:41 49:6 50:7	134:4,18 142:25	134:33 135:2	49:20,30 61:27
131:41 140:15,17	50:10,15 52:25,39	143:6 144:33,43	137:47 156:21	62:6 64:42,42
141:25 146:28	53:20,45 54:6	147:44 148:15	159:21,26 163:6	71:36,45 78:5,22
federally 35:11	55:10,25,36 57:11	149:11 150:18	fiscal 23:46 24:15	81:1,37 82:46

89:15 94:41 95:15	7:27 9:24,47	19:30 25:9,10,20	123:26,31 124:23	151:26
95:16 96:17 97:8	10:27,36 14:5,19	25:36,40,44,45,47	125:13,19 149:35	flowcharts 14:42
97:10,24,28,32	26:27 31:22 40:3	26:43 27:38 29:17	150:23 160:38	flake 101:25,26
98:5,8,17 99:2,18	42:26 43:19,27	30:47 31:1,40	162:25,36	FMP 51:28
99:35 100:27	45:4 51:19 52:46	32:31 34:1 35:48	five-month 163:1	focus 26:20 30:26
103:26 104:1,15	58:40 60:7,19	37:22 39:5 42:16	five-year 11:32	96:35 98:15,16
104:17,22,23	64:15,30 66:34,39	47:9,11 52:10,40	12:21	104:3 110:43
105:15 106:16	66:40,41 67:4	53:24 54:41 59:20	fix 66:19 143:47	120:35
107:34,46,47	68:42,43 69:2	59:24,33,38,41	fix-it 46:17	focused 26:32
108:9,14,17,23	71:37 72:13,14,34	60:15 63:3,7,18	fixed 62:45	focusing 25:37
110:16,23,28	72:39,48 73:4,38	64:31 69:11,39,47	flag 20:7 113:37	fold 27:3
111:21,24 112:18	74:5,7,12,14,15	78:25 79:24 80:40	114:6	folks 8:44 13:11
120:33 129:14,26	74:23,40,42 75:33	80:42 85:4 86:10	flap 148:35,36	14:36 15:15 17:19
129:28,31,44	76:4,13,45 78:4	92:43 94:25,39,43	flat-out 53:44	17:25,26,28 18:28
131:2,3 132:35,35	78:15 79:18 80:30	94:47 95:20,41	fleet 32:1 55:4,43	23:24 30:25 31:28
134:26 136:21	80:37 82:7 83:36	96:22,40 97:28,45	55:45 57:38 58:12	37:11 47:47 48:16
139:42 144:22	87:16 89:3,3,4,13	98:48 99:9,21,25	58:21 59:2,8 65:3	49:16 50:26,42
151:28,35,36	89:21 90:20 91:24	99:28,38,39,41,47	74:17,31,47 77:9	51:4 54:48 55:4
152:26 153:15	91:35,40 92:4,5,7	99:47 100:5,7,11	78:2,9 79:12,28	57:31 60:47 61:16
156:22 159:13	92:18 93:23	100:29 101:23	80:43 83:9 84:11	61:45 62:15,17
161:14,20	104:34 108:48	103:22 104:3,29	85:42,42,43 86:9	63:35 67:32 68:6
fisherman 7:15,31	120:36 121:31,37	107:36 109:12,22	87:18,34,47 88:8	77:31 91:43 94:10
35:22 59:11 74:10	121:44,48 122:7	109:29,31,48	89:27 90:41 93:31	94:12 101:4
85:25 86:16	123:8,9,18 124:18	110:30,45,47	161:9	106:40 108:11
125:22 128:4,9	124:29,40 126:24	111:2,15,23	fleets 52:6 58:43,44	112:38,41 117:1
129:2 130:37	126:31,43 127:9	113:39,42,48	60:43	119:12,34 138:48
135:30 152:2	127:32,40 129:18	114:1,5,8 125:29	fleshed 70:45	156:4 160:28
155:42 160:33	129:20,25,45	125:32,46 127:44	flexibility 59:15,43	163:21
161:48 162:10	130:48 132:44,47	127:45 128:13	60:1,5,36 65:36	follow 34:25 40:15
fishermen 5:42	133:1 139:16	131:12,23,43	71:21 72:45 73:44	46:34 105:25
14:43 23:13 27:28	140:46 141:12,13	133:30 134:42,44	74:8 126:34,44	108:24 130:30
37:14,34 41:34	141:25,46 142:3	135:27,44,45,46	128:7	follow-through
53:17 60:16 69:38	142:20 144:2	136:10 138:25,33	flights 8:30	98:10
99:24,31 100:12	145:29 147:25,26	138:33 139:35	flip 111:25	follow-up 21:11
102:45 125:18	148:2,2,3,45,47	145:35 149:43	float 73:16	38:14,39 64:44
130:3,14,15,18,21	148:47 149:21,22	150:28,29,36,44	flood 74:22	68:14 70:7 133:15
130:23,31 131:20	149:28,29 161:5	150:48 151:20	floodgates 39:29	134:1 140:13
131:23,26,45	162:24,27,33	155:2 159:20,25	40:48	following 63:43
136:16,19,29,34	163:5	161:32,32	flooding 21:17	108:32 116:24
137:36,43 139:29	fishery-dependent	fit 54:38	floor 94:15	153:48
142:6 144:25	103:39	fits 74:15 97:45	Florida 6:45,48	fool 117:8
147:27 152:13	fishery-independ...	128:21	13:10 35:29,46	foot 155:9 160:48
161:36	103:42	five 9:46 15:35	41:27,28,38 47:8	160:48 161:1,17
fishermen's 6:42	fishing 4:27 6:25	49:43 63:41 64:14	120:45 121:15	footage 77:9
132:1	6:37 7:5,20 8:14	67:36 77:39 81:28	128:29,30,33,35	for-hire 99:24
fishers 95:3	8:46 9:45 10:33	89:18 91:46 92:31	128:42,46 131:33	111:18,22,23,28
fishery 6:19 7:14	14:16,40,44 16:27	93:18 105:33	140:33 149:29	111:33,40 112:2,5

fora 97:14 111:8	87:6 93:18 97:41	funny 49:39	44:30 47:28 54:40	give 6:8 8:24 15:16
force 97:5 162:30	100:36 105:33	further 5:13 14:12	58:44 59:16,47	23:44 25:38 32:38
forced 137:32	121:23 123:22	17:40 27:17 50:18	65:9 69:32,36	33:11 39:45 46:48
145:43	139:20 148:8	54:21 69:48 94:6	71:23 74:41 87:4	49:11 50:12 60:36
Fordham 2:12 6:10	149:35 155:8	107:1 115:32	87:14 88:2 90:27	65:2 77:27 84:41
6:11,11 19:40,41	163:6	125:17,36 126:4	96:8 101:36	94:26 95:23 96:5
142:10,11,17	four-hour 134:9	154:1	105:18,45 109:18	133:21,22 135:8
foreign 22:33 25:36	fourth 129:16	future 14:19 17:22	120:7,14,17,17	160:32 161:40
25:40 26:43	FR 132:13	21:43 30:14 85:39	generally 24:23,45	given 16:20 28:23
113:39,41 114:40	frame 64:31 162:35	92:26 108:38	45:40 120:33	30:31 50:21 52:32
115:8,10,48	frames 53:29	135:41	generated 23:4	55:8 56:34 60:3
118:22,27,35,42	framework 95:37	FWC 36:6	95:19	60:41 61:6 67:10
forever 161:22	96:39 97:12,41	FY 15:44	generation 102:18	68:34 72:22 77:2
forewarned 79:36	104:43		gentlemen 132:39	80:25 83:42 86:20
forget 146:3	Frank 3:39 23:25	G	geographic 28:39	87:6 90:9 92:3
Forgive 132:19	23:25,26 33:5	gained 19:29 30:39	56:35 77:33 90:29	93:3 95:42 96:29
140:34	frankly 37:42	gamble 91:13	152:10	97:46 119:40
fork 90:47	fraud 34:42	gambling 91:13	GEORGE 3:26	142:39 147:19
form 25:22 40:17	free 9:5 90:10,11	game 13:7 27:36	George's 103:46	148:36 154:34
40:17,42 72:1	90:11 117:5	34:8,24 71:1	Gerencer 2:13 6:44	gives 23:46 25:5
158:8	freely 142:15	gangion 25:27	6:44 86:43 91:32	giving 38:29 73:43
formal 72:1 76:5	FREEMAN 3:20	gangions 36:3	getting 26:34 40:44	95:12 116:2 136:7
76:18	frequency 127:18	Gannet 25:9	41:44 48:12 49:5	160:28
format 18:24	145:8	gaps 62:9	50:40 54:33 55:41	glad 85:11 134:22
formula 63:39	Friday 98:31,34	gateway 102:20	55:42 58:17,30,42	143:35 144:46
formulate 107:41	99:15 109:9	gathered 123:10	62:11 63:34 67:12	Glen 3:46 157:2
forth 73:12 103:15	110:12 112:20	gathering 55:27	82:39,45 84:19	159:19 160:35
fortunate 113:1	116:14	gear 15:42 25:45	85:11 104:1	glitches 76:30 77:2
forward 11:35	friend 42:4,10,19	26:21,47 30:30	115:20 116:48	globally 156:40
13:11 18:48 21:1	86:42 149:15	31:5,14,15,26,31	121:16 130:6	Gloucester 62:7
36:24 61:24 62:25	front 10:12 15:34	34:48 35:14 36:1	134:40 137:31	go 6:5,9 7:47 8:6,37
63:14 66:13 71:41	22:31 37:28	36:21 51:40 52:6	138:37 159:22,40	8:41 9:4 12:43
72:42 73:4,8 74:6	146:39	52:9 54:2 55:2,33	161:46 163:15	15:41 18:26 20:35
80:16,29 84:7	frozen 153:20	58:43,44 59:10	giant 10:37	23:36 24:1,38
87:28 97:29,39	fudging 146:48	60:42 75:18 80:30	gifts 99:37	28:33,45 29:38
100:34 109:45	147:8	83:47 122:2,3,9	gill 26:46 31:6,21	32:6,45 36:37
110:29 163:27	full 10:2,11 18:42	122:10,27 130:47	31:24 120:33	37:8,21,30,38
foster 98:3	24:26 59:32 62:9	130:47 131:10,42	122:6,8 127:2	38:36 40:11 48:17
fostering 106:31	93:44 109:8	150:45	129:43 130:3,14	48:22,31 49:12,38
found 34:13 35:14	118:45	gear-restricted	130:17,21,22,30	50:6,26 63:36
120:44 121:14	full-time 41:4	53:12 54:20,32,43	130:31,46 131:1,8	65:16,18 66:16
124:7 129:4,29	fully 56:46 61:23	55:17	131:10,20,42	67:3 68:36 69:39
foundation 6:21,23	70:45 74:43 87:13	gears 53:9 55:38	132:35 134:46	72:26 74:25,36,47
113:8	87:14 97:44	Geez 154:44	149:37,38 150:22	75:7,18,30 76:27
four 9:29 10:20,21	functional 16:10	general 4:13 10:17	150:31,45 152:13	76:42 77:18 79:24
13:22 25:32 32:7	fund 6:15 90:17	10:27 23:5 24:31	154:34	81:16 84:17 85:17
34:13 60:4 87:5,5	funding 108:39	27:23 28:24 33:6	GIS 28:37	88:15 89:39,48
		33:12,15 35:2,26		

90:33 91:34,37	48:30,43 49:38	159:37 160:1,2,3	grasp 26:38	grow 88:31 152:24
93:18 95:39 96:4	54:31 63:34,37	160:6,7,8,44,44	Graves 2:15 5:6	gt 117:25
101:2,46 102:1	65:2,16 66:3	160:45 161:12,13	7:28,28 144:39	Guard 3:35 4:18
104:47 105:23	68:36 70:10,15	162:3	gray 43:12 109:16	23:29,32 24:8,44
106:9 107:1	71:1,2,9 73:12,33	Golet 2:14 6:39,39	great 7:44 8:5	25:7,9 26:6,16
109:33 116:18	73:43,47 74:26,28	good 6:8 12:3 13:12	14:22 15:36 16:37	27:11 28:1,42
117:8 119:15,28	75:8,9,27 77:17	13:14 15:25 18:40	21:13,13 23:41	29:20,47 30:14
122:37 124:29	78:47 79:28,37	19:20,21,32 21:6	47:29 101:10,11	31:3,42 32:6,26
125:10 126:4	80:16,22 81:3	22:39 23:38 24:20	120:25 132:22	32:30 35:10
133:11,31,48	82:25,37,47 83:3	26:11 31:23 33:1	144:12	118:36
134:11,44 135:28	83:4 84:25,27,37	41:13 43:20,23	greater 14:16	Guardian 27:43
136:5 139:19	84:41,48 85:33,34	46:2,18 48:36	114:27 115:12	guess 6:8 8:36 9:8
141:1,17 143:19	85:37 86:1,5,18	74:33 82:36 84:36	117:12 127:9	30:47 31:48 32:10
144:7,8,38 145:1	86:21,25,27,31,32	86:16,40,42 87:9	129:25	45:23 46:36 52:47
145:30 147:5,38	86:38,39 87:6,33	87:10 91:1 92:30	greatest 93:16,32	64:34 65:5,9
148:46 149:8,42	88:15,16,17,22,23	94:28 101:14	greatly 38:12	70:12 75:14,15
150:28 153:40	88:25,26,27,31	105:29,32,35,47	156:34	77:42 78:10,20
155:2,47 157:41	89:26,34 90:4,41	105:47 112:35,45	green 62:43,43	79:2 82:42 85:25
158:30,35 159:20	91:2,9,48 92:1	120:20 131:21	121:41 131:34	93:48 105:46
159:25,41 161:15	93:29,43,46 94:3	135:39 136:32	greenstick 15:42	106:30 107:48
go/no-go 46:4	94:22,38 95:7	137:7,16 138:4,39	Gregg 2:16 6:45,45	137:23 142:34
goal 12:48 18:17	96:5,14 99:12	143:48 146:1,1	41:19 110:9,42	145:42
81:30 100:19	101:44 102:25	153:17 154:48	111:4 140:32	guidance 36:21
101:18 116:5	103:35 104:6,42	156:4 159:34	141:40 147:32	guide 95:42 96:22
goals 96:20 97:41	105:5,6,12 106:26	161:37,39 163:25	Gregory 2:18 7:7,7	97:8,20 99:17,48
98:3 100:17,36,38	106:31,33,35,41	Gosh 23:23	69:22,29,34 70:9	100:44 107:32
101:18 107:29,39	106:44 107:8,18	gotten 36:40 37:42	70:43 147:24	112:16
108:2,6,45 111:1	107:23,47 108:34	gouging 160:9	grew 5:40 89:5	guidelines 44:34
111:48 156:43	109:13,27,45	government 49:46	gross 117:13,16	guiding 110:34,41
God 135:20	110:10,14 111:5	49:47 86:30 95:26	ground 5:32 8:34	gulf 7:31 11:27,28
goes 5:29 12:38	112:46 115:19	101:22	8:37 18:43 59:9	11:40,42,44 13:28
40:39 44:46 45:11	120:22 122:24	Government's	119:3	13:36 24:41 25:13
45:32 50:17 68:12	123:11 127:40	118:38	groundfish 104:26	25:24,30,48 26:35
68:48 74:18,31	134:44 135:33	grace 158:2	104:33	28:5,9,13,27 30:4
109:41 115:23	136:9 137:45	graced 48:2	Groundhog 48:37	30:25 54:3,18
153:1 160:42	139:6,29,30	graceful 67:2	grounds 77:40	56:9,15,33 60:12
going 7:47 8:1,39	140:45 141:12,19	grade 157:46	group 5:47 7:46	60:17,22,28 62:37
9:26 15:2,28	143:46 144:7,44	grading 157:29	8:38 11:21,27	62:40,41 63:2,14
16:12,47 18:19	146:17 147:5,8,9	grand 1:19 37:6	23:24 27:12 29:36	63:17,27 77:36
21:16,22,27 22:15	147:40 148:31	77:37	37:9,28 43:4,5,26	120:45,46 121:10
23:14 24:24 26:44	149:4,8,11 151:35	grander 55:39	66:20 67:2 101:11	121:13,14 128:36
28:29 30:13,26	151:38 152:18,30	grant 15:27 82:11	106:39,41 107:37	128:41,46,47
31:1 33:11 36:43	153:22 154:14,26	82:20 113:44	grouped 51:29	129:2,5,12,15
37:30,35 38:6	154:41 155:32,33	graph 121:28	groups 11:20 38:8	154:3,31 155:7,22
39:18 43:39 44:12	155:43 158:6,22	123:12 124:14	51:38 66:15,16,18	155:42 160:21
44:14 46:41,48	158:23,24 159:4	143:27 145:4	86:45 89:20 92:19	guttled 158:42
47:35,36,46 48:7	159:23,24,29,35	graphs 139:20	147:42	guy 3:16 11:38

37:18,20,20,38 107:14 150:5 155:12 guys 21:30 28:7 37:8,33 38:20 43:19 44:5 46:40 67:35 72:45 89:36 93:15 101:11,42 109:8,18 112:42 119:42 120:23 145:31 147:29,39 148:10,23 149:24 151:15 159:17 163:19	41:39 43:38 151:42 Hang 23:30 Hanke 2:19 7:40,40 102:38 happen 13:29 20:9 20:15 23:15 32:4 56:23 57:1 60:48 64:30 happened 28:12 36:12 42:7 53:13 61:3 69:31 74:44 79:29 84:38 93:23 102:30 105:8 134:14,29 135:1 157:24 163:8 happening 14:40 66:34 83:17 85:16 129:9 138:42 happens 32:10 89:38 92:13 happier 43:16 happy 16:28 27:45 28:2 44:19 65:44 92:36 harassment 44:26 harassment/mole... 40:34 Harbor 101:39 hard 12:14 24:21 45:3 59:34 84:20 90:4 92:47 95:44 103:17,20 122:4 142:27 144:42 162:2 hard-coded 60:4 72:15 hardest 46:39 hardship 136:15 137:35 harpoon 10:32 58:45 59:42 65:8 74:31,40 85:10 158:46 harpooner 7:25 harpooners 74:34 harpoons 75:20	harvest 15:5 22:5 51:16 61:31 84:30 124:7 135:34 137:25 139:21,22 150:9 harvested 56:15 59:26,32 60:3 72:29 139:17,27 harvester 16:9 21:48 harvesting 79:33 79:34 135:47 149:48 hat 161:39 hat's 144:14 hate 85:13 Hatteras 7:3 31:39 54:43 63:2,13,19 77:37 84:15 162:10 haul 58:22 haul-back 56:42 Hawaii 17:33 97:47 99:31 hazards 32:15 head 30:8 70:42 78:4,15 148:35 headboat 35:32,33 headboats 10:26 headed 158:42 heading 48:4 headquarters 13:10 33:4,10 36:23 38:32 41:3 120:22 heads 116:3 healthy 98:4 105:14 hear 5:22 8:40 12:15 18:24 23:34 23:39 31:11,12 48:34 49:3 50:42 50:43 51:3 86:21 102:30 108:46 117:3 144:46 156:16 161:38 162:4,5	heard 9:3,37 17:7 19:19 48:47 60:10 63:35 73:44 75:14 75:14 77:18 92:32 96:13 97:14 98:37 99:16,30 100:17 109:23 144:21 147:37 156:5 160:37 163:25 hearing 16:42 21:12 36:12 42:29 49:4 65:34 110:39 hearings 50:47 65:39 132:11 heart's 159:16 heavily 42:41 heavy 106:15 108:27 132:24 heck 160:9 held 9:43 34:36 57:10 95:29 98:47 99:6,8 Hello 5:35 help 5:43 16:29 38:12 41:45 44:11 44:14 47:29 88:27 95:45 96:20,24,31 97:8 101:19 107:32,40 108:46 112:16,17 155:38 helpful 6:2 17:27 20:9,19 21:8 32:36 38:26 45:27 69:21 81:16 145:5 156:9 helping 64:19 111:1 helps 108:24 Hemilright 2:20 3:45 7:13,13 38:48,48 134:22 137:18 149:32 151:2 160:32,34 Heron 25:14 herring 66:40 hey 72:44 89:7 149:12 162:20	Hi 6:13 30:44 31:10 156:48 160:16 high 14:44 21:37 43:46 54:30 57:46 77:44,44 83:3 107:33 152:36 high-level 107:31 108:2,19 112:15 high-liners 83:4 higher 26:2,10 120:12 123:7 146:43 highest 122:46 123:27,38 124:24 124:36 148:16 highlight 13:7 highlighting 49:8 highly 1:6 3:7 24:14,25 34:46 74:11,45 98:32 115:39 156:40 Hilton 1:20 hinge 106:8 Hingham 34:45 hip 72:27 hire 111:37 histamine 93:38 historic 71:35,45 72:39,46 historical 51:34 63:41 66:1 70:38 historically 61:9 108:4 history 15:20,23,29 73:14 76:46 89:1 89:8 118:3 146:5 hit 5:20 68:48 152:28 hits 5:20 88:2 153:33 HMS 4:25 8:20 13:39,47 16:27,32 20:16 22:36 24:39 25:34 30:39 33:38 34:30 35:21 36:46 40:19 41:6 42:3 44:8 62:6 64:42
H				
habitat 12:19,24 haddock 34:22 103:46 half 10:11 29:28 32:6 47:40 48:14 77:26 86:2,3 93:33,48 94:1 119:21 134:31 135:22 152:29 153:41,45 halfway 11:31 halibut 34:22 hall 97:32 99:8 100:1 105:42 hammerhead 11:21,24,41 14:22 hammerheads 20:42 Hampshire 34:8,8 34:10,14,24 hand 5:32 37:43 52:6 58:43,44 72:40 79:27 139:3 hand-waving 147:10,21 handful 74:34 156:4 handle 43:44 52:7 109:31,32,42 handled 71:16 handles 39:25 handling 14:11				

72:2 81:1 101:35 104:30 108:45,48 109:15 110:46 114:40,42,43 115:8,10,26,43,48 116:11 119:40 122:25 134:26 135:18 140:10,25 140:30 151:1 HMS's 135:14 HMSD 3:8,9,10,11 3:12,13,14,15,16 3:18,19,20,21,23 3:25,26,27,28,29 3:30,31,32 HOGAN 3:18 hold 67:19 78:16 128:9 146:13,19 146:23,35 162:42 holder 92:23 holding 42:30 holds 125:31 127:44 Hole 104:32 holistically 27:26 Holliday 81:22 home 8:30 18:26 78:6 105:32 145:2 159:27 honest 106:2 honestly 22:47 hook 25:27 31:7,21 55:34 hooks 14:14,15 25:28 35:15,16 38:42 55:34 hoops 117:1 hope 9:2 22:25 42:13 75:12 85:46 93:1 108:41 143:46 160:40 hoped 12:29 hopeful 28:31 hopefully 6:1 11:16 13:10 18:40 21:19 23:33 62:34 94:27 159:15 163:26	hoping 117:35 Hopkins 3:46 157:2,2,26 158:21 159:1,19 horizon 57:13 hostage 162:42 hot 28:39 Hotel 1:20 hotline 41:9 hour 48:14 94:1 119:21 hour's 133:43 hours 24:12,18,19 129:48 130:5,17 130:25,33,35,39 130:46 133:33 137:44 148:12,12 house 133:38 housed 13:2 HOWARD 3:19 Hudson 2:22 7:16 7:16 29:40,40 30:34 81:18,19 84:2 152:21,21 Hueter 2:23 6:16 6:16 22:28,28 29:38 30:43,44,45 31:17 40:13,13 43:7,7,30 119:40 144:10,10 145:18 146:29,33,37,43 146:47 hug 5:12 huge 92:21 104:34 hugely 49:31 huh 19:9 human 60:46 61:13 76:22 Humane 3:43 156:18 humble 37:42 hundred 26:45 81:29 85:15 hundreds 92:28 hung 102:14 hunting 109:32 hurting 31:45	157:45 hyperbole 74:37 75:10 hyperlink 33:26 <hr/> I <hr/> IAC 148:39 IBQ 56:41,44 70:37 80:14,18 90:3 157:30 158:6,16 158:18,36 162:28 IBQ-related 55:17 ICCAT 5:5 7:28 11:2 15:46 17:43 22:2,4 51:14 52:21 80:34,35 113:9,22,25,26 114:24 116:6,8,30 117:17 118:4,27 118:29 158:48 ICCAT's 113:23 ICCAT-managed 113:40 ice 148:8,45 ID 29:48 30:19 83:33 ID'd 35:33 idea 8:48 15:17 21:3 37:29,39 40:28 82:36,40 91:1 94:13 104:39 107:18 126:43 131:21 133:21,22 ideas 6:2 18:29 37:37,47 87:25 95:47 101:6 102:36 identification 30:27 82:19 83:32 109:47 112:48 identified 103:32 106:8 identifier 113:15 114:36 115:11 Identifiers 4:32 identify 35:42 81:41 82:22 105:5 identifying 82:3	105:1 154:29 IGFA 13:10 ignorance 118:3 IHS 117:6,15,18,24 117:31 II 6:25 illegal 25:46 30:47 30:48 34:4 35:14 35:16 37:35 38:42 41:15 114:1 148:19 154:43 illegally 25:32 imagine 133:34 immediately 67:45 89:18 134:16 immense 78:9 immensely 78:2 IMO 116:36 117:1 117:15,24,29 IMO/LR 114:28 115:13 116:4 impact 4:22 9:41 12:5 22:14 26:17 26:27,31 27:6 29:8 32:19 43:43 48:41 49:6,10 50:7 53:21 54:7 54:16,35 55:11,25 55:37 57:43 58:12 60:19 61:33,41 63:22 104:13 105:13 115:31 impacted 33:41 34:20 impacting 72:38,48 85:2 97:9 impacts 24:47 26:43 55:17,18 95:19 100:41 113:19 115:29 129:22 implement 118:14 122:38 123:24,36 130:9 138:10 141:2,31 146:25 146:27,33,36,41 implementation	4:24 16:13 19:27 47:26 50:31 68:11 68:13,16 116:9 118:5 122:30 131:18 132:8 139:14 149:46 implemented 37:1 63:47 122:22 125:16,35 129:38 129:38 implementing 14:34 61:21 70:21 115:17 130:7 136:41 140:42 142:24 implication 45:10 implications 93:27 140:6 implore 88:22 import 35:5 importance 92:4 108:23 109:11 important 39:42 46:26 95:16 96:18 109:21 111:28 116:19 118:17 125:21 126:4 137:15 153:44 154:2,4 159:4 importer 35:4 importers 16:20 importers-export... 14:48 impose 115:48 imposed 92:6 impractical 103:45 impress 147:21 impressed 7:46 impression 39:45 improve 26:41 51:26 84:27 improvement 27:1 improving 52:3 in-house 66:19 in-person 99:7 112:28 in-season 10:16,30
---	---	--	---	--

11:39 57:6 64:26 100:23 inability 151:14 inactive 63:42 64:16,48 70:13,14 inadvertently 65:17 incentives 51:48 inch 134:46 150:23 inches 10:41 37:25 incidence 162:43 163:9 incident 32:24 39:3 44:40 incidental 60:21 78:22 127:5,23,26 133:28 145:17,26 147:25 149:44 incidentally 60:17 82:6 126:20 133:10 138:33 include 10:11 18:9 99:26 100:18 102:18 114:21,46 115:14,44 117:32 128:32,35,37 129:33 139:9 included 36:22 41:7 49:8 54:9 87:29 92:32 99:48 100:48 103:3 110:6 122:17 123:33 includes 27:12,19 27:48 100:44 120:45 128:29 including 10:4,15 10:44 14:13 25:27 34:30 37:29 57:39 81:41 100:5 111:38 118:32 129:44 131:23 142:20 inclusion 147:34 incomplete 117:48 123:4 137:11 incorrect 25:28	35:23 increase 11:16 12:38 24:40,40 67:16 89:26 111:10 121:40 increased 52:5,35 56:38 95:33 113:31 120:18 124:28 139:45 increasing 51:46 52:35 incur 70:20 incursion 29:14 incursions 26:25 28:46 29:1,12,27 indicate 76:33 114:19 indicated 82:14 indication 124:7 indicator 21:8 25:46 individual 15:6 35:19,39 50:38 52:1,40 53:32,43 55:42 56:28 61:3 64:17 69:7,9 83:22 90:36,37 125:29,31,45 127:43 142:42 Indo-West 13:32 industry 19:17,25 39:16 42:35 92:12 99:25 111:18,29 111:40 112:5 135:16 137:30 146:15 160:41 162:42 industry's 144:16 industry-wide 77:15 inequitable 79:3 inequity 149:41 150:26 inevitably 157:43 159:35 influence 97:1 inform 29:30,31	40:46 115:12,46 informal 163:23 information 12:23 13:20 14:31 15:10 20:5,19,30 22:24 22:42 23:46,48 27:20 28:19,23 31:2 33:20,23,28 38:11,45 39:40 41:1 54:10,13,25 55:29 58:26,32,39 58:43,47 59:1,9 63:6,18 72:32 77:1,5,6,12,14 81:45 83:19,23 93:1 97:18 107:4 107:4 110:38 111:7,11 113:21 113:45 115:2 116:15 117:33 120:4,40 123:10 137:9 138:31 142:2 147:35 157:47 160:22 informational 39:31 44:17,24 informative 29:26 160:26 informed 17:24 informing 63:7 114:38 115:1 infraction 42:20 initial 19:26 56:5 79:5,7,11 97:40 143:36 149:21 151:17 initially 35:6 66:45 89:2 132:44,45 initiated 35:18 initiatives 103:29 injuries 36:14 inlet 32:6 innocence 162:34 innovation 98:10 input 8:43 26:34 73:23 94:46 95:36 96:15 97:15,20,36	98:26,28,37 99:13 100:47 110:44 138:39 insane 93:45 inserts 44:20 inshore 93:24 121:34 151:27 inside 32:5 109:20 inspect 34:28 inspected 34:12 35:10 115:3 inspection 4:31 8:15 9:32 18:14 34:1 35:47 112:41 112:48 113:14,35 114:12,35,48 115:6 inspections 34:7 118:38 inspectors 114:14 installation 81:27 81:28 instance 82:23 93:35 107:35 148:46 instill 53:42 59:43 60:5 institute 60:1 instituting 58:20 institutionalize 96:21 instrumental 134:40 insular 17:34 Integrate 98:6 integrating 106:32 111:31 integrity 61:15 intel 27:20 31:28 intelligence 27:13 intended 97:43 107:32 113:48 138:10,11,18,27 138:45 140:18 143:26,31 intense 94:29 intent 12:22 45:6	45:19,45 46:44 86:8 92:14,42 108:30 135:17,33 135:43 136:18 137:5,14,17,19,21 137:24,25 138:7,9 138:17 141:10 150:14 151:17 161:25 intention 160:39 intentional 149:16 intentionally 97:42 107:30,30 intentions 159:34 161:22 interact 59:11 interacting 77:32 interaction 13:47 49:24 51:44 87:9 interactions 14:13 14:36 49:22 51:41 53:28,33 54:17,30 62:39 63:8,17 88:28,31 162:31 interagency 24:3 intercepted 25:9 30:10 interception 26:5 interdiction 26:8 interdictions 26:3 26:11 interest 9:22 18:35 91:29 95:33 98:16 106:12 159:14 interested 60:6 94:10 98:33 112:21 interesting 5:24 20:26 28:11 30:16 121:28 127:33 145:4 interestingly 102:7 interests 98:2 interfere 114:13 interference 26:5 interim 132:14 internal 110:28
--	--	--	---	--

internally 70:25 98:40	39:20,26,27 40:5 41:42	item 52:47 55:12 58:14 59:13 60:30 60:45 62:25 64:32 68:33 83:14 114:26 122:13,40 129:16 131:7	jeopardizes 156:42	156:17
international 4:31 6:12 7:20 8:15 9:31,34 13:7 14:24,28 16:14,15 16:19 18:14,32 19:41 22:9,31,41 24:4 49:27 56:17 112:40 113:14,16 113:34 114:35,48 116:9 118:18 119:33,34 142:11 144:36,38 156:43	investigative 39:43	items 55:35 57:28 61:26 68:26,31 97:21 114:16,19 114:23 115:3 120:29,30	jeopardy 14:8	Katie 3:14,35 23:31 23:36 24:7 28:6 28:13 29:33 30:44 31:38 32:47
internationally 143:13 148:40 149:9	invite 156:3	iterative 66:31	Jersey 6:19 7:42 102:9 121:26,43 134:34,36 136:30 137:41 139:26	keep 17:41 19:47 38:5 41:7 48:7,33 48:45 64:13 69:19 81:16 86:9 89:15 111:14 146:29 149:1,4,7 155:43 157:3
internet 37:23 39:47	involved 22:45 32:15 46:10 57:7 65:28 104:30 116:48 120:4 132:29 143:13 145:10,12 152:23	IUU 113:48 114:5	Jimmy 7:19	keeping 38:11 139:47 142:47
interplay 20:26 118:33	involves 29:17,18	Iwicki 2:24 6:18,18 101:7,7	job 16:1 31:47 42:43,44 45:42 101:11 142:40	keeps 74:28 85:16
interpret 84:21 125:15 128:15 138:7 145:33	involving 97:41	<hr/> J <hr/>	JOE 3:15	Keledjian 7:11,11
interpretation 46:6 125:17,27,36,45 135:15,38 136:46 137:2,30 142:28 161:26	Island 6:38 21:15 25:19	J 55:34	John 2:15 3:37 7:28 23:27 33:2 37:29 43:9 66:9 144:39	KELEDJIANCA... 2:26
interpreted 127:43	issuance 80:39	JACKIE 3:22,32	JOHNSON-CRA... 3:22	Kelly 33:7
interpreting 125:47 137:24	issue 27:4,8,16 30:24,38 37:48 42:22 43:8 44:47 66:45,46 72:22,23 73:10,18,36 75:45 88:4,13,46 89:24 90:15 91:13 96:36 112:7 117:15,20 117:21,24,32,35 117:39,44 119:10 127:45 128:23 134:4,5,11,13,17 134:18,19 156:19 156:23 157:32	Jackson 3:21 15:27	join 23:32	KENNEDY 2:26 139:4,11 140:13 140:20,26
interstate 34:10 140:39	issued 9:44,46 10:33,42 33:35,36 35:2,7 36:28 120:9 157:13	JAMES 2:28	joint 33:46 34:44 35:44 36:45 41:25	kept 56:19
intervention 5:19	issues 14:31 17:7 18:33 24:48 25:35 49:36 55:3 72:37 73:17 74:13 81:40 82:16 90:37 97:9 101:35 106:8 110:29 117:7 134:3 139:14 152:28 153:27 162:38	January 10:19,27 11:22 25:18 69:48 71:15,23,42 72:15 72:15,17 76:28 84:43,45 89:5,6 114:29 115:15 119:36 121:31 144:46 149:20 150:2 159:19,26	joke 148:13	Kerstetter 2:27 7:37,37
interviewed 34:41	issuing 36:25	Japan 75:8 118:46	Judith 6:38	key 36:12 62:48
intricacies 91:26	it'll 6:7	Japanese 75:6 118:44	July 10:2 11:44 25:30 60:34 74:5 75:25 91:7 150:2	keyword 116:18
introduce 5:30 8:1 59:15	ITDS 16:15	Jasmine 94:13,15	jump 44:7 117:2 136:39 145:14	kick 56:28 60:48
introduction 6:5 95:10		Jason 2:3 7:33 38:34,36,37 62:29 62:31,47	jumping 61:18	kids 43:43
introductions 4:9 8:3		jaws 35:40	June 10:20 11:24 11:42 12:41 31:40 49:40 60:35 73:39 73:43,44 74:3,7 74:24,29,41,42 75:8,11,28 85:17 91:7 101:40 102:32	kill 87:40,41
investigation 35:18 38:41		Jeff 2:33 7:5 42:2 44:39 45:48 91:31 93:10 132:40 144:8 147:38 148:29 162:9	Jupiter 131:37	killed 148:14 155:5
investigations 33:44 34:43 39:1		Jenkins 2:25 7:35 7:35	Justice 27:18	killer 61:1
		JENNI 3:30	justification 71:22 71:25,46 72:5 145:45 146:2	killing 101:24 155:2
		JENNIFER 3:13	justify 143:40	kind 6:4,7 7:47 8:37 14:45 19:12 19:25 20:8 31:4 31:18 42:5 44:29 44:41 47:47 48:11 49:11,33,42 50:20 54:38 55:8 58:22 59:4,7,34 60:45 62:23 63:9 67:26 69:17 70:31 75:42 75:44 78:6,15,31 81:14 82:48 83:5 85:20,22 93:22
		jeopardize 129:31	<hr/> K <hr/>	
			Karyl 3:10 11:37 155:12	
			Kathryn 3:43	

95:6 101:23 102:1 102:8 106:29 108:12,18,19 111:19,32,48 112:1,43 114:22 117:1 118:33 133:22 140:23,44 141:2,11 146:26 155:16 156:6 157:28,45 158:2 159:1 kinds 13:13 21:12 40:30 43:18 74:13 101:28 king 132:36,46 149:22 knots 31:41 know 5:4,36 8:29 8:45 9:14 12:18 13:11 17:42 18:19 18:22 20:24,44 21:9,24,30,38 22:24,41,46 23:2 23:9,27 24:6 25:34 26:13 28:13 32:2,21,25,43 37:37 38:20,21,46 39:40 40:4,16,48 41:10,26,36 42:4 42:14,15,17,17,27 43:2,31 44:19 45:42 46:4,18 47:4,46 48:4,15 50:34,41 51:1 57:32,32 62:14 63:24,29 64:18,34 65:8 67:25,34,35 68:47 70:23,27,29 70:35,41 71:5 72:37 73:30 74:12 74:21,45,47 75:15 75:17,22,23 77:23 77:26,28,42 78:1 78:14,17,21,30 79:8,32,32,36 80:10 82:38 84:19 84:35 85:20 86:34	87:3,31 88:9,10 91:14 92:24,45 93:15,18,22,35,47 94:7,29,37 95:5 98:32 101:21 102:43 103:23,26 103:44 107:18,21 107:27,45 109:13 109:22 110:1 111:35 112:1,20 112:21 115:9 116:31,47 118:8 118:15,27 132:21 132:36 133:9,11 133:24 134:17,19 134:47 135:9,37 135:40 136:12,14 136:21,24,31 137:23,35,36,37 139:19,36 141:9 141:10,11,19 142:6 145:8,25,29 147:19,43 148:23 148:38,45,47 149:15,15,25 150:22 151:14 152:17 154:23,45 155:38,41 157:34 157:40 158:10 159:6,8,15,17,24 159:37,38,47 160:13,18,40 161:13,19,39 162:29,47 163:4 knowing 18:21 knowledge 45:5 69:25 known 115:42 knows 70:17 77:22 83:33,46 88:3 kudo 101:14 Kullberg 3:43 156:16,17	labor-intensive 135:5 150:15 Laboratory 6:17 lack 43:10 52:34 140:43 lacked 25:11,22 lag 9:10 laid 70:41 lancha 26:21,46 27:11 28:34 30:30 30:47 lanchas 31:5,16 land 113:40 161:2 landed 14:45 21:14 34:37 78:26,29 82:18,29 125:5 127:31 142:36 146:11 156:25,30 158:45 landing 47:13 115:47 118:44 149:3 landings 11:11 12:35,41 16:36 19:11,23 22:4,8 22:18,19 56:25,40 58:47 120:40 121:16,17,19,21 121:24,29,39 122:6,47 123:3,13 123:17,27,38,39 124:14,24,28,36 124:39 127:1,8,28 140:35,47 143:26 143:28 145:16,20 landslide 23:18 language 44:26 69:16 74:6 125:9 125:15,44 128:16 128:25 134:24,27 134:38,41 135:14 135:15,19,21,38 135:43 136:45 137:31 138:12,12 138:22 lap 93:43 large 10:25,26	11:21,23,29,41 21:16 26:28 35:40 60:2 82:16 96:17 97:17 107:44,44 108:2 120:19 131:13,14 132:2,3 138:32 151:19 152:32,48 154:5 154:16,22,24 largely 120:35 larger 14:15 103:29 117:16 lasting 96:38 lastly 16:45 101:48 late 25:29 31:22 59:23 70:47 71:1 71:10 74:47 75:1 112:44 121:36,47 143:37 lately 18:1 latest 12:1 23:17 laughable 135:29 Laughter 91:44 law 4:16,19 8:11 15:9 16:41 26:35 28:20 29:4,22,30 32:43,46 33:3 37:31,33 39:27 41:22,23,29 42:27 42:42 45:6,15,46 46:19,44 97:2,5 104:20 134:32 139:42 145:33,35 148:4 154:38 Lawrence 6:24 laws 44:48 119:46 120:1 144:43 Lawson 2:28 7:19 7:19 lawsuit 66:48 135:41 lawyer 37:12 lawyers 45:26 lay 15:20 69:13 83:6 93:42 Lea 1:22 3:5 4:10 5:35,37 7:44 8:4	19:3,7,37 21:4 22:11,20,27,48 23:21 28:4 29:33 29:34 30:42 31:34 31:37 32:41,48 36:36 38:33,47 40:10 41:17,48 43:6 44:32 46:35 46:46 47:34,44 48:9 62:27 63:33 65:16 66:10 67:18 67:25,30 68:36,40 69:18 70:6,33 73:33 75:37,48 77:17 81:7 83:48 84:14 85:19 88:37 91:27 93:10 94:2 94:19 101:4 102:35 103:5 105:21 109:1 110:8 111:16 112:6,11,33 116:29,40 118:1 118:19,40 119:6 119:20 132:19 138:47 140:31 142:8 144:6 147:4 147:23,36 148:29 149:31 151:3,44 152:20 154:13 155:45 156:47 160:15,27 162:7 lead 14:34 22:40 110:34 143:3 leadership 96:34 98:14 99:45 108:11 156:23,40 leading 16:16 18:34 51:11 80:26 leads 39:32 LEANN 3:18 learn 109:34 learned 18:27 learning 77:2 leased 63:47 90:48 leasing 57:5,13 79:46 80:4 90:3
	L			
80:10 82:38 84:19 84:35 85:20 86:34	lab 22:29 30:45 35:33 40:14 144:11			

leave 43:48 75:45 91:18 92:46 130:24 133:42 149:20 154:26	90:19,19 102:46 103:28 107:33 108:11,24,31 122:28 123:7 124:26,39 143:25 143:29 151:21 153:8	129:11 130:14 141:38 145:3,11 145:19 146:13,19 146:21,24,36 150:12	101:34 109:39 112:34 113:7 115:20 120:8,12 120:15 127:36 128:16 132:6 136:35 139:13 148:44 152:37,38 152:46 153:4,5,13 153:24	163:19 long-term 98:11 long-winded 45:24 longer 20:8 54:37 55:36 148:8 150:37 longer-term 24:3 longline 10:7,13 14:5,19 26:47 31:24 35:13 36:1 38:40 52:23 54:41 55:45 63:48 65:9 65:22 67:15 68:42 68:44 70:14,36 71:4 77:46,46 78:3,12,25,46 79:12,28,39,47,47 80:1,1,6,6,7,7,13 85:42,45 86:9,16 87:17,34 88:8 89:27 90:1,33 91:6,35,40 92:18 149:43 150:28 158:33,46 160:41 161:9
leaving 47:11		lines 50:26 147:7	live 5:21 16:21 40:40 144:31	
led 9:24 13:17 27:17 103:43	levels 42:47 46:21 55:43 111:35 123:48 124:8	Lingo 2:29 7:22,22	living 24:9 27:43 46:43	
leeway 69:24	liberty 70:31	Linhard 2:21	Lloyd's 113:17	
left 19:46 25:45 63:42 66:39 85:4 86:36 127:22 145:9,11,20 152:42 154:11 155:25 160:19 161:31	license 34:15,16 109:48 125:32 127:44 128:13	Lisa 2:16 6:45 41:18 43:35 109:2 110:8 139:3 140:31 144:9 147:32	load 23:30 118:44 134:14	
lefthand 33:28 131:31 145:24	lieu 82:31 83:15	list 97:27 117:11 144:45 157:7	loading 21:17	
legal 27:13 37:21 42:18 135:40	Lieutenant 23:43	listed 13:22,28,34 14:1,23,30 20:17 33:28 61:47 129:33	lobster 34:47	
legally 15:8 36:43	life 146:5	listen 18:23,37	lobsters 34:21	
legislation 136:42	lifetime 85:38,39	listening 85:30 160:37	local 35:31 37:3,18 38:8,20 101:29 103:27,28	
legitimate 88:43	light 51:20 62:43 88:29	listing 13:40,42 20:1,37,38 22:33	locally 37:34	
lemons 154:23	lightly 76:48	listings 14:34	located 1:21 28:14 34:2 35:48	
lend 46:22	lights 36:5	lists 16:1 128:28	location 131:43 152:10	
length 25:27 81:43 117:18	likes 51:4 61:48	listserv 132:13	locations 132:12	
lessons 89:8	Likewise 160:23	litany 57:27	locked 61:5	
let's 40:41 44:36 48:33 64:15 67:2 84:42 88:24,34,35 89:7 119:28 123:48 133:16 146:3 159:20	limit 10:19 35:29 49:20 60:25 61:16 80:43 126:23 130:34 133:25	literally 21:17 74:26,40 75:31 141:3	logbook 53:40 111:38,39	
letter 50:36 89:35 117:39	limitations 49:29 59:18	litigation 16:46 39:20 50:25	logbooks 58:29 77:6 83:2,27 157:31	
letters 9:46 157:20	limited 24:14 25:4 27:15 28:19 35:28 55:12,23 64:5 74:32,33 76:7 78:47 80:13 86:33 125:8 126:9	little 5:13,23 8:25 9:9 11:13 12:30 17:29 20:4,19 28:31 33:13 40:44 41:21 44:17 47:3 48:17,37 53:7 61:7 66:30,46 71:8,16 79:3 80:26 82:28 83:5 84:35 85:9,21 91:20 92:39 93:15 93:17,38,42 95:23 95:46 99:34	logic 147:17,19	
letting 115:9 162:6	limiting 129:7 131:48		logistical 57:28 68:27	
level 14:45 19:14 22:1,4,9 23:48 24:11 28:23,42 31:26 43:36 46:7 46:12 49:24,27,28 53:47 56:32 57:25 58:19,20,30 60:1 63:25 64:12,18 69:9 71:17 76:40 80:38 82:10 83:26	limits 10:18,23 59:44,48 101:24 101:42		logistically 68:32	
	line 21:34 31:8,21 46:3 59:40 60:8,9 64:21,34 66:11 69:20 75:32 100:5 123:14 124:16,21 124:33 127:21,22		logistics 55:21 56:43 76:42	
			logs 105:35	
			long 5:28 12:3,12 21:15,38,48 39:48 42:18 62:35 66:11 67:4 85:21 87:13 94:36 96:23,41 103:12 114:25	
				looked 19:13 28:41 28:42 54:14 70:5 128:31
				looking 11:35 12:19,26,34 13:11

13:38 17:43 21:41 24:22 26:12 27:25 39:33 46:28 51:33 51:42 52:18,31,39 53:31,37 54:12,19 54:27 58:6,48 63:3,4 69:42,46 70:36 74:38 79:11 83:38 84:9,23 94:45 105:14 108:5,7 111:15,17 123:21,47 126:2 126:47 127:11 130:29 138:14 153:24 162:13 lookout 18:9 112:29 looks 30:25 31:2 38:33 40:11 41:17 48:11 70:7 77:25 78:30,31 85:10 101:5 109:15 loop 41:8 133:35 loose 97:40 Lord 83:33 lose 96:35 111:33 losers 162:5 loses 86:46 loss 73:2 lost 50:1 66:21 145:27 151:7 152:29 lot 5:41,47 8:30,35 8:38 14:41 15:25 16:3 17:39 22:24 33:16 40:20 41:26 41:33,34,37,43,45 46:5 47:5,46 48:15,46 53:16 58:4 60:10 61:27 67:27 70:44 74:30 74:45 77:25 78:31 78:32 84:7 87:25 89:45 95:2 96:44 97:14 101:20 102:3 103:13,14 103:40,43 107:39	107:48 109:16 110:46 114:2 120:39 122:39 136:15 138:6,6 141:22 145:26,27 151:26,27 152:17 152:18 153:39 155:30 157:38 161:14,15,16,20 161:38 163:2,26 lots 5:40 9:6 40:31 40:32 105:41 loud 5:11,11,36,36 50:42 95:9 Louisiana 7:34 15:42 35:12 36:20 love 64:19 117:3 low 12:40 57:47 77:42 86:4 153:33 lower 11:14 19:14 24:34 53:22 127:37,37 lowering 51:43 lowest 12:37 85:44 ludicrous 162:42 lunch 8:14 48:4,17 48:22,22 49:3 62:22 88:15 92:45 94:3,4,10,28 112:44 lunchtime 81:8 91:28 luxury 161:18 <hr/> M <hr/> machines 47:27 mackerel 132:37 132:46 133:20,23 134:15 149:22,28 Madrid 16:7 magazine 42:16 magical 160:6 Magnuson 79:16 110:20 135:45 Magnuson-Stevens 106:9 mail 27:45 116:20 main 5:44 26:19	55:35 63:9 70:44 80:24 96:12,20 100:36 114:25,33 115:35 Maine 6:40 7:25 34:11 mainland 99:36 maintain 25:20 53:30 56:29 57:12 143:46 maintained 57:12 76:39 maintaining 98:16 maintains 60:40 major 52:36 93:40 105:13 majority 63:16 127:7 139:21 making 40:45 43:22 52:21 57:21 73:20 75:33 79:20 89:15 106:45 107:9 110:33,48 148:39 mako 25:17,21 34:38 36:40 37:24 37:44,44 39:6 makos 154:18 male 29:44 maligned 42:5 mammals 44:27 man 39:14 136:7 manage 51:36 104:17 107:5 109:34 managed 59:19 70:37 141:46 management 3:8 4:21,36 7:27 8:13 8:17 11:20,27 12:8 13:20,30,45 15:11,21,21,23 24:9 34:47 35:42 51:30,32 52:26,46 53:11 54:1 55:40 55:43,44,47 57:19 58:33 59:16,21	61:20 69:1 76:4 79:18 81:33,39 82:44 83:43 96:39 97:28 98:8 103:27 104:45 110:16 118:18 124:11 128:21 129:19,21 138:19 141:25 142:19 143:36,42 146:28 153:37 management-bas... 8:21 manager 33:9 managers 27:14 107:5 manages 77:5 managing 57:29 97:31 109:36,41 mandated 76:38 88:33 151:40 mandatory 111:39 manner 76:47 manufacturers 99:27 map 49:34 131:16 maps 128:38 march 10:20,28 16:21 25:24 49:42 69:48 71:22,26,42 72:4,10,17,25 73:24 84:46,47 88:46 162:28 Marcos 2:19 7:40 16:29 102:37 Margo 3:7 4:14 19:8 21:10 22:31 23:2 36:44 67:33 86:8 91:42 94:32 101:9 112:39 118:43 156:1 Marina 7:43 marine 3:34 6:17 7:8 22:29 24:9 27:44 30:45 40:2 40:13 44:27 97:24 99:11 110:15 134:26 136:21	139:42 144:11 152:26 153:15 156:22 159:13 maritime 113:16 Mark 2:29,36 7:22 19:3,4 81:22 markers 8:47 market 21:18,36 29:15 44:45 45:32 57:14 74:22,27,33 74:35,39 75:6 91:17,24 109:19 151:30 152:25,27 152:29 153:10,11 153:17 marketplace 21:35 marlin 40:19 42:16 marlins 39:11 Martha 2:17 MARTIN 2:37 Marty 46:48 Maru 118:44 Maryland 1:22 139:21,28 Massachusetts 33:45 34:11,36,46 massive 161:45 master 114:7,10 match 137:5 138:17 matched 45:13 matches 137:14 mate 42:26 material 48:46 materialize 103:19 materials 51:8 matter 47:41 94:16 101:29 119:25 134:8 147:26 160:12 163:29 matters 154:16 Mauritania 11:6 maximum 145:46 146:11,44 MCHALE 3:23 48:32 62:47 63:45 64:1,7 65:5 66:5,8
---	--	---	---	--

67:47 68:17 69:3 69:25,33,43 70:18 70:34 72:7,26 73:11,46 75:40 76:35 77:30,48 78:14,42 79:4 80:3,24 81:6 83:7 89:7,10,29 90:22 90:43 91:22,41,45 158:30 mean 32:2,5 42:10 42:17 61:8 64:37 74:12,43 75:19 77:30,35 83:34 84:40 85:4,16 90:40 91:12 92:10 93:30,32,35,41 103:20,32,38 104:19 105:3 110:5,48 119:42 125:48 132:27,42 132:44 133:18,28 133:36,40 137:23 138:23,25,28,29 138:29,36 141:3 146:24,24,36 147:19,42 148:1,3 148:32 149:1,2,12 150:5 151:33 154:36 155:1,27 157:11,38 159:12 160:47 161:31,41 162:20,39 Meaning 15:5 means 5:9 12:9 20:7 26:24 51:43 73:41 76:44 105:4 126:48 128:38 137:17 meant 10:9 28:32 measure 11:2 14:6 52:26 55:16,47 59:22 104:39 125:1 139:16 measures 4:37 14:21 15:21 16:17 18:2 22:10,44	50:22 51:30,32 55:40,44 59:42 61:20,35 68:22,28 83:43 92:12 115:46 116:10 121:1 122:12,15 122:19,30,39 142:19,20 143:37 150:41 meat 144:23 147:46 148:24 151:10,23 152:24 152:28,29 153:5 153:11,19,26,33 154:48 mechanism 58:27 59:32 83:45 mechanisms 55:27 86:9 92:44 media 39:2,5,15,22 39:29,31,44 41:30 41:42 43:42 102:3 Mediterranean 18:5 mediums 60:2 meet 8:5 10:47 34:3 52:45 125:9,22 meeting 1:10 5:38 5:43 12:30 13:9 14:4 16:7 17:46 18:17,42,48 20:11 27:21 38:16,30 39:4 42:4 79:17 83:17 97:38 100:18 102:40 112:22 116:6 123:34 125:19 163:18,22 meetings 6:1 13:13 14:35 86:13,44 87:26 97:32 99:2 99:6,10 100:26 101:15 105:43 109:23 110:39 112:23 member 162:15,16 members 2:1 19:35	27:12 36:2 119:14 151:8 156:19 163:14,14 memories 104:24 mention 108:14,16 mentioned 14:3 15:47 21:37 46:2 57:8 63:29 68:25 83:11,14,16,20 98:13 mercury 152:28 153:34 merge 13:4,4 merit 83:41 message 44:15 46:45,45 met 1:19 9:21 88:44 meter 117:11 meters 113:30 114:28 115:13 117:12 method 143:2 methodology 52:41 123:37 124:34 metric 10:6,14,15 10:31 11:5,6 52:19 53:32 56:19 56:26,33 58:6 64:15,24 77:26,26 85:15 87:20,21 89:27 122:45 143:22 metrics 53:38,48 Mexican 30:46 Mexico 7:32 11:40 11:42,44 13:28,36 24:41 25:13,24,30 26:1 27:18,30 28:13 30:5,25 54:3 56:9,33 63:3 77:37 120:45 121:10,13 128:36 128:41,47 129:2 129:12,15 153:20 154:31 155:7,42 Miami 82:8 118:46	mic 5:16,20 8:3,39 8:45 Michelle 3:33 160:24 Michigan 5:40 microphone 62:19 91:42 mics 6:9 9:9 mid 142:22 Mid-Atlantic 7:14 24:40 25:18 101:24 105:43 150:3,3 mid-November 132:7 middle 11:15 31:40 86:23 137:45 midst 10:46 midyear 120:11 migratory 1:6 3:8 24:14,25 34:46 115:39 mike 7:26 23:34 75:48 83:16 95:9 103:5,6 105:26 106:14 144:7 147:5 156:12 mile 32:6 125:37 miles 125:41 Miller 2:30,31 6:13 6:13,22,22 67:33 68:11,38,41 118:2 million 95:17,18 137:27 mind 32:23 69:19 71:28 99:18 100:34 105:7 mine 42:4 Minerals 35:41 minimize 51:40 88:28 minimum 34:3 56:21,30,45 133:45 158:16,35 minor 21:47 60:45 70:12 minute 94:26	minutes 6:7 47:1 85:38 88:10,16 89:18 94:20 misconduct 46:33 mishandle 40:24 mishandling 40:32 43:13 misjudged 91:6 mismatch 75:17 misperception 42:39 missed 72:5 112:28 missing 94:21 100:38 101:17 mistake 60:48 mitigating 26:39 55:16 mitigation 35:17 mix 44:30 134:13 134:14 mixed 10:38 132:42 134:6,18 model 26:42 27:37 144:1 159:19 161:11 modeling 28:45 29:18 models 159:18 modification 53:22 63:1 modified 52:29 53:15 54:5,20,32 modify 63:5 141:15 modifying 63:9 molestation 43:13 44:26 moments 83:11 Monday 116:24 money 75:2 90:5,21 90:47 107:8,22 147:46,47 154:25 159:39 monitor 47:10,16 80:14 monitored 80:18 monitoring 8:27 14:29 16:39,48
---	---	--	---	--

21:42 30:35 34:6 47:29 58:18,20,22 68:15,25 70:16,22 71:6 76:20,23,25 76:43 80:13,29 81:21,25,31,35,37 81:47 82:1,2 83:31 88:25,40 92:48 116:10 131:16,24,27,30 131:35,47 149:33 149:40 150:5,25 150:32	Mote 6:16 22:28 30:45 40:13 144:10 motherhood 105:47 106:28,45 motivations 100:11 mouths 37:46 move 8:32 20:48 23:26,28 59:22,44 62:25 71:41 72:42 73:3,7 80:29 87:27 88:17,34,34 88:35 94:24,38 98:19,21 100:34 112:42 120:19 121:38,42,45 141:41 155:47 moved 93:24 Movement 116:45 moves 121:34 moving 36:24 81:16 110:29 120:26 MSY 104:44 124:4 mull 163:12 multi 92:3 multiple 25:26 48:48 130:23 131:23 multiplied 29:12 mustelus 120:44 mutterings 5:21	national 1:1 4:27 8:14,22 16:48 33:22,23 40:2 94:25,42 95:30,38 95:41 97:43 99:7 99:11 106:41 107:2 108:31 112:24 134:25 136:21 152:25 153:14 156:22 159:12 nationally 16:48 46:21 95:17 nations 22:33 82:47 144:45 Natural 7:36 naturally 125:6 149:3 156:25,31 nature 92:4 100:7 nautical 125:37,41 near 131:26 152:6 152:14 nearly 129:8 Nebraska 88:3 necessarily 29:20 45:4 51:42 57:24 60:12 68:32 69:26 83:15 103:19 108:1,44 111:34 114:36 115:16 141:36 necessary 22:10 51:23 114:7 136:47 142:43 144:29 neck 152:1 need 8:26,39 14:9 14:32 16:10 17:24 18:24 23:16 40:32 45:44 48:16 50:28 56:21 61:16 62:22 66:19 68:33 71:2 75:27,46 76:31 79:14 84:12 85:17 90:36,42,42 93:8 96:7,16 103:33,41 107:1,8 109:45	113:14 115:13 116:4,35 117:2 128:2,9 130:32,34 133:36 139:13 142:40 147:27,28 148:40 150:38,46 151:1,48 155:38 159:48 needed 9:7 56:12 56:30 104:35 108:13 142:43 157:8 needing 69:7 90:47 152:6 needs 14:6 46:43 52:46,46 67:6 68:8 79:17 83:18 91:20 100:29 102:19 103:30 104:15,43 negative 16:35 21:22,33,40 101:20 102:24 neighbor 9:15 neither 20:11 70:1 NEPA 71:16,30 NEPA-level 71:46 nervous 96:44 net 26:46 120:33 122:6,8 127:2 129:42,43,46 130:3,14,17,21,22 130:30,31,41,46 130:48 131:1,8,10 131:20,42 132:35 134:46 136:12 139:41,43,47 140:1,3,18 149:37 149:38 150:31,45 152:13 154:34 nets 31:6,21,24 129:47 130:4,16 130:23,24,25,33 130:39 134:48 150:23 NEVA 3:19 never 73:29 75:43	77:23 136:22 162:26 new 5:4,14,31 6:33 7:26 9:38 11:2,7 13:5,40 14:18 20:6 23:7 33:37 34:8,8,10,14,24 34:36 35:26 42:27 69:3,30 74:10 76:4,30 89:15 91:23 97:6 102:9 103:33,41 104:9 104:27,34 105:19 107:3 115:48 121:25,25,43,43 129:18,20 134:34 134:36 136:30,30 137:41 139:24,26 146:19,30 157:30 newly 14:1 news 146:1 nexus 20:14 NGOs 135:18 136:24 137:38 161:38 nice 30:1 103:18 106:3 144:24 nick 113:5 night 137:45 nine 36:27 148:43 153:42 nitty-gritty 70:40 NMFS 13:42 68:43 82:46 86:5 87:21 87:39,40 90:11 NMFS-managed 81:37 no-action 131:40 NOAA 3:37,38,39 13:8 28:20 29:21 33:3 34:27 35:33 41:22,25 95:16 96:17 97:8 98:7 99:18,45 110:28 112:18 NOAA-NMFS-2... 116:19
	N			
monkfish 132:34 136:11 150:21 monkfishing 150:22 Montauk 21:14 33:37 36:39 month 17:46 24:32 25:14 50:12 74:29 102:9,32 132:6 monthly 15:45 71:34 months 69:31,35 69:39 72:13 77:45 77:47 85:4 141:3 141:35 145:41 153:43 155:8 162:25,36 163:6 moon 152:47 Moore 3:35 23:31 23:38,41 24:7 28:15,18,33 30:16 30:38 31:10,23 32:12,21,40 morning 8:19 33:1 48:36,44 113:4 Morocco 11:5 Morris-Deal 95:24 97:23 mortalities 52:8 mortality 14:5,9 43:41,45 49:20,21 49:21 51:18,21,21 84:31 139:46 140:19,29	nailed 149:15 name 5:37 8:40 33:2 38:35 104:31 112:45 120:21 132:20 136:8 156:14,17 157:1 160:28,34 name's 24:7 71:11 157:2 nasty 105:37 106:1 106:37 nation 102:44 nation's 97:31 156:42			

nob 152:41	notes 48:25,33 157:6	24:34 30:31 58:2 58:8 64:13 85:7 86:4 117:1,15,25	occurred 57:38 104:25 123:4	81:11 91:30 105:22 119:38 134:4 146:45 147:44 149:1 155:13
nobody's 151:38 154:38	nothing's 125:33	numerous 35:35 81:35	occurring 8:24 26:25 63:8 114:5	oil 35:39
nodding 81:12 158:19	notice 12:22 33:33 42:31 49:41	nuts 57:31,35 70:32	occurs 110:47	okay 8:32 12:16,17 19:6,7 23:19,28 23:31,38 31:37 32:21,37,45 33:1 38:35 42:2,28 46:46 62:29 63:46 65:20 66:48 67:29 68:40 77:17,25,41 77:44 78:10,20,36 79:19,44 80:9,10 80:11 81:11 84:44 87:11 88:23 89:9 89:30,36,43 90:45 91:13,30 96:4 101:4 105:22,23 110:42 112:9,13 116:44,47 118:10 119:7 120:24,42 127:42 129:16 130:6 131:7 139:4 139:11 140:23 142:17 145:18 146:40,45 147:1 147:38 156:11,16 157:26 160:27 162:19
non 15:4 98:6 99:27 100:13 140:42	113:41 120:28 121:19,28 128:27 132:12,13,26	<hr/> O <hr/>	Ocean 6:22 27:43 113:27 114:47 115:44,45	old 15:28 30:17 42:25 103:48 105:19 107:14
non-blacknose 11:43,45	noticed 117:10	o'clock 94:13	Oceana 7:12	old-school 42:25
non-commercial 98:5 99:30 111:32	notices 33:16 46:17	oatmeal 48:6	oceanic 1:1 14:21	OLE 33:9 34:5 35:18,30,38,41 36:8,9,15,21,30 38:6,12,16 39:1 39:25 41:12 45:25
non-for-hire 99:24	notification 115:2	objected 66:3	Oceanographic 7:38	OLE's 33:46 35:44 36:7
Norfolk 34:28	notifications 118:37	objective 106:38	October 11:34 61:36 67:44 99:4 116:21	OMB 20:7 21:2 122:32
normal 76:15 99:35	notified 37:18 118:29	objectives 51:10 84:24 108:6,20	Oden 7:5,5 42:3 93:12 132:43 133:23 134:20 148:30 162:9,9,17 162:20	on-boarding 28:12
normally 116:22 123:19	notifying 116:3	obligation 118:24 147:15	ODENTIM 2:33	on-water 27:26
North 3:33 7:6,7,15 31:39 34:35 35:32 53:13 62:38,44 89:1,2 99:3 121:25,29,32,35 121:40,46 132:45 133:12 134:33,35 136:29 137:40 138:2 139:25 149:27 150:2,36 150:44,48 161:16 162:26	notion 65:48	observation 150:13	offhand 78:17	
North 3:33 7:6,7,15 31:39 34:35 35:32 53:13 62:38,44 89:1,2 99:3 121:25,29,32,35 121:40,46 132:45 133:12 134:33,35 136:29 137:40 138:2 139:25 149:27 150:2,36 150:44,48 161:16 162:26	Nova 7:37 35:2	observations 160:3	office 4:19 12:8 13:18 16:15,41 20:44 22:41 27:21 33:3 37:17,40 38:24 39:46 62:6 62:7 94:41	
North 3:33 7:6,7,15 31:39 34:35 35:32 53:13 62:38,44 89:1,2 99:3 121:25,29,32,35 121:40,46 132:45 133:12 134:33,35 136:29 137:40 138:2 139:25 149:27 150:2,36 150:44,48 161:16 162:26	November 17:47 25:8 27:37 116:6 121:47 142:23 149:22	observe 59:25	officer 34:7,28 36:11,19 37:11 38:31	
North 3:33 7:6,7,15 31:39 34:35 35:32 53:13 62:38,44 89:1,2 99:3 121:25,29,32,35 121:40,46 132:45 133:12 134:33,35 136:29 137:40 138:2 139:25 149:27 150:2,36 150:44,48 161:16 162:26	NRDC 19:46	observed 36:3 59:17 162:31,33	officers 33:45 34:24,34 35:45 36:4 38:16 45:8 45:26 114:9	
North 3:33 7:6,7,15 31:39 34:35 35:32 53:13 62:38,44 89:1,2 99:3 121:25,29,32,35 121:40,46 132:45 133:12 134:33,35 136:29 137:40 138:2 139:25 149:27 150:2,36 150:44,48 161:16 162:26	nub 152:41	observer 10:44 53:39 76:22,37 77:6 80:22,33 82:34,35,38 83:25 113:31 142:4	offices 38:6 41:6	
North 3:33 7:6,7,15 31:39 34:35 35:32 53:13 62:38,44 89:1,2 99:3 121:25,29,32,35 121:40,46 132:45 133:12 134:33,35 136:29 137:40 138:2 139:25 149:27 150:2,36 150:44,48 161:16 162:26	nuisance 151:13	observers 33:39,42 58:29 76:22 82:32 83:16	official 115:4	
North 3:33 7:6,7,15 31:39 34:35 35:32 53:13 62:38,44 89:1,2 99:3 121:25,29,32,35 121:40,46 132:45 133:12 134:33,35 136:29 137:40 138:2 139:25 149:27 150:2,36 150:44,48 161:16 162:26	number 8:36 10:8 12:38 17:44 21:16 21:26 24:25,29,43 25:39 26:13 27:47 29:11,12,13,26,41 30:29 41:9 43:26 43:40 49:17 51:27 51:30,31 58:12 60:2 63:21,25,33 63:39 64:28 66:14 66:17 70:24 77:27 87:22,44 89:32,33 89:42 100:44 103:11 109:27 113:17,17 114:28 115:13,14 116:4 116:36 117:29,36 118:31 120:7,14 124:29 127:30 147:10,20	obtain 35:5 57:4 81:43 97:37 113:15 114:28 115:13 116:4,36 117:44	offline 37:48 93:8 139:12,33,39	
North 3:33 7:6,7,15 31:39 34:35 35:32 53:13 62:38,44 89:1,2 99:3 121:25,29,32,35 121:40,46 132:45 133:12 134:33,35 136:29 137:40 138:2 139:25 149:27 150:2,36 150:44,48 161:16 162:26	NRDC 19:46	obtained 97:20	offload 118:23,32	
North 3:33 7:6,7,15 31:39 34:35 35:32 53:13 62:38,44 89:1,2 99:3 121:25,29,32,35 121:40,46 132:45 133:12 134:33,35 136:29 137:40 138:2 139:25 149:27 150:2,36 150:44,48 161:16 162:26	nub 152:41	obvious 84:6 99:23 162:41	offloaded 115:40	
North 3:33 7:6,7,15 31:39 34:35 35:32 53:13 62:38,44 89:1,2 99:3 121:25,29,32,35 121:40,46 132:45 133:12 134:33,35 136:29 137:40 138:2 139:25 149:27 150:2,36 150:44,48 161:16 162:26	nuisance 151:13	obviously 24:27 51:11 90:12 94:48 97:13 118:26 124:9 126:42 136:33 137:29 140:22,32 159:4	offloading 114:40 115:8,10 118:35 118:39	
North 3:33 7:6,7,15 31:39 34:35 35:32 53:13 62:38,44 89:1,2 99:3 121:25,29,32,35 121:40,46 132:45 133:12 134:33,35 136:29 137:40 138:2 139:25 149:27 150:2,36 150:44,48 161:16 162:26	number 8:36 10:8 12:38 17:44 21:16 21:26 24:25,29,43 25:39 26:13 27:47 29:11,12,13,26,41 30:29 41:9 43:26 43:40 49:17 51:27 51:30,31 58:12 60:2 63:21,25,33 63:39 64:28 66:14 66:17 70:24 77:27 87:22,44 89:32,33 89:42 100:44 103:11 109:27 113:17,17 114:28 115:13,14 116:4 116:36 117:29,36 118:31 120:7,14 124:29 127:30 147:10,20	obvious 84:6 99:23 162:41	offshore 35:12,39 121:33 133:2	
North 3:33 7:6,7,15 31:39 34:35 35:32 53:13 62:38,44 89:1,2 99:3 121:25,29,32,35 121:40,46 132:45 133:12 134:33,35 136:29 137:40 138:2 139:25 149:27 150:2,36 150:44,48 161:16 162:26	NRDC 19:46	occasions 33:43	oh 7:48 31:37 42:1	
North 3:33 7:6,7,15 31:39 34:35 35:32 53:13 62:38,44 89:1,2 99:3 121:25,29,32,35 121:40,46 132:45 133:12 134:33,35 136:29 137:40 138:2 139:25 149:27 150:2,36 150:44,48 161:16 162:26	nub 152:41	occur 13:35,44 54:31 103:28 127:19 128:47 130:36		
North 3:33 7:6,7,15 31:39 34:35 35:32 53:13 62:38,44 89:1,2 99:3 121:25,29,32,35 121:40,46 132:45 133:12 134:33,35 136:29 137:40 138:2 139:25 149:27 150:2,36 150:44,48 161:16 162:26	nuisance 151:13			
North 3:33 7:6,7,15 31:39 34:35 35:32 53:13 62:38,44 89:1,2 99:3 121:25,29,32,35 121:40,46 132:45 133:12 134:33,35 136:29 137:40 138:2 139:25 149:27 150:2,36 150:44,48 161:16 162:26	number 8:36 10:8 12:38 17:44 21:16 21:26 24:25,29,43 25:39 26:13 27:47 29:11,12,13,26,41 30:29 41:9 43:26 43:40 49:17 51:27 51:30,31 58:12 60:2 63:21,25,33 63:39 64:28 66:14 66:17 70:24 77:27 87:22,44 89:32,33 89:42 100:44 103:11 109:27 113:17,17 114:28 115:13,14 116:4 116:36 117:29,36 118:31 120:7,14 124:29 127:30 147:10,20			
North 3:33 7:6,7,15 31:39 34:35 35:32 53:13 62:38,44 89:1,2 99:3 121:25,29,32,35 121:40,46 132:45 133:12 134:33,35 136:29 137:40 138:2 139:25 149:27 150:2,36 150:44,48 161:16 162:26	numbers 11:16 12:43 21:13 23:17			

onboard 45:14,21 93:6 113:32 114:22 126:6 127:20 131:10,41 131:42 149:38 150:46	operations 33:13 36:23 operator 13:9 33:38 operators 27:12 115:1 opinion 14:18 31:44 37:42 40:24 50:27 69:44 91:41 92:8 102:48 134:25 137:25 opinions 32:31 51:4 76:38 opponent 49:31 opportunities 51:37 52:10 54:41 59:33,38,41 60:15 60:20,27,29 64:32 69:47 111:27 opportunity 23:42 55:4 69:38 70:11 79:22 84:13 86:20 86:27 92:15 98:20 119:41 opposed 31:9 74:11 134:18 140:24 opposite 90:43,44 opted 53:45 55:9 55:24 56:29 92:17 optimally 133:6 optimism 85:32 optimistic 85:25 optimize 51:15 59:37,41 optimized 92:15 optimizing 52:9 84:29 option 53:46 67:7 83:44 148:28 options 53:4 68:46 124:15 128:32 142:24 order 10:44 45:19 82:48 127:48 128:3 158:25 organization 96:17 101:22 113:17	organizations 106:24 orientation 8:9 112:2 original 53:23 71:25 75:24 143:21 originally 53:15,19 54:12,34 72:12 143:26,31 ORTIZ 3:24 OTHEL 3:20 out-of-state 34:18 outcome 92:2 110:3 142:38 161:7 outdoor 109:42 outline 113:6 120:27 131:31 outreach 12:46 14:12 34:35 36:19 36:20 38:8 44:12 46:15 95:36 96:7 97:37 122:34 131:22 152:11 outside 36:12 48:3 113:26 114:46 115:43 144:35 over-fished 12:2 over-fishing 12:1,4 51:12 over-harvest 11:30 11:33 61:30 overall 14:6 24:13 24:43 51:13 63:31 84:23 106:22 142:26 overboard 36:4 148:26 overburdening 84:11 overlaid 123:14 overlap 13:37 overlapped 72:14 overlapping 60:43 overlay 106:24 overlying 105:38	overnight 152:29 overstep 110:32 oversubscribed 89:14,21 overview 4:12,22 8:10 9:17 62:13 65:27 96:6 owner 35:8 117:46 owner-operator 6:25,37 33:36 35:31 owners 115:12 owns 160:7	parity 42:9,33 parked 87:33 Parks 7:22 35:43 parse 135:28 149:47 parsed 134:42 135:44 parsing 134:26 part 10:5 12:45 13:19 15:48 22:13 22:21 42:44 47:10 47:15 50:16 54:18 66:41 67:41 71:9 80:4 85:5 95:11 95:21,35 109:4 125:26 129:19,24 137:36,41 147:25 150:34 152:4 157:29 161:5,8,48 partially 41:47 participant 161:6 participants 64:14 64:41 79:7 90:35 106:12 109:42 149:21 participate 102:38 109:46 116:15 163:7 participating 163:5 participation 70:38 particular 15:6 25:11 32:23 37:9 42:22 45:12 53:27 58:40 59:38 60:38 60:44 72:11 78:37 79:23 80:30 81:2 83:47 85:43 98:27 101:16 102:4 103:2 109:37 110:5 142:39 152:4 particularly 17:26 76:10 85:47 88:29 101:10,38 109:15 131:22 143:8 parties 112:21 partly 161:47
			P	
			P-R-O-C-E-E-D-... 5:1 p.m 94:17,18 119:26,27 163:30 pace 120:11 Pacific 13:27,32,34 17:34 99:3,32 100:9 115:45 page 81:23 84:18 pages 62:16 67:34 paid 90:15 157:39 paint 31:47 Palmer 2:33 6:47 6:47 Pam 2:10 6:14 28:5 28:9 160:20 Pamela 2:32 Panama 115:44 panel 1:10,19 2:1 14:35 19:35 88:19 93:9 151:8 162:15 162:16 163:14 panels 161:7 paper 9:7 48:21,24 65:30,47 81:20 149:47 150:27 papers 9:13 49:44 Paperwork 115:21 117:22 par 24:22 parallel 57:30 pardon 104:25 parents 159:6	

partners 27:19 35:43 41:6	67:15 70:14 71:4 78:3,12,24,46	84:9,45 87:24 90:19 122:28	117:48 122:19,32 127:45,48 128:3	98:25,26,27
partnership 98:9 99:10 109:28 111:10	79:11,27,39 80:13 85:27,41,44 86:15	125:37,42,43 126:17,28,38,40	128:10,15 130:29 130:32,41 131:10	phenomenal 73:6
partnerships 100:25	87:17 88:8 89:27 91:35,40 92:18	126:48 127:3,5,9 127:13,15,16,17	136:4 139:35 140:9,11 141:47	philosophical 105:46
parts 9:24 13:3	149:43 150:28 157:3 160:40	127:17,21,35,39 132:27,28,41,41	142:5 149:34,36 149:39,42,47	philosophically 66:14
pass 111:12 138:16	161:8	133:17,17 134:38 135:28,29 137:21	150:45	phone 23:33,35
passcode 9:13	pelagics 154:17	139:17,22,24,27 145:45 146:10,43	permit-holder 102:21 130:40	photo 39:41
passed 65:17,19 67:8,16 138:15 157:21	penalty 27:24 33:22 35:2 36:26	147:46,47 148:33 149:6,18 150:11	permit-holders 130:34 131:41	photograph 29:42 39:36 40:8
passes 91:33,39 136:41 138:22	pending 19:45 39:20	150:11 153:2 162:32	permits 9:45,45,47 23:4 35:5,36	photographs 40:25
passionate 109:26	pennies 135:11	percentage 26:2,10 31:26 43:40 57:17	42:42 47:28 56:3 78:16 120:8,9,15	photos 39:16,22 44:2
Pat 6:32 48:2,8 107:25 132:20	people 9:11 19:17 19:39 23:6 37:4	69:15 145:1 153:1	120:16 130:38	phrased 65:6
patiently 139:1	40:46 42:17,29 43:46 44:18 47:46	percentages 127:36	permitted 35:11 115:41	physical 45:37
Patrick 2:4 21:4 36:36	48:10,18 67:20,28 69:20 74:13 81:9	perception 42:40 96:28,32 101:21	permitting 137:7 142:21	physically 26:6
patrol 25:14,19,25 27:33,36,37 30:23 34:9 36:4	81:12,13 82:47 84:10 89:19 90:4	102:25	perpetrator 37:30	pick 42:15 132:27
patrols 34:6	90:8,14 91:12,29 94:22 96:44 98:33	perceptions 101:20	person 23:33 39:39	picked 158:3
pattern 12:35	99:12,17,29 100:4 100:6,10,13	perfect 144:32,42	46:31,32 48:35	picking 49:47 121:37
patterns 59:24 63:4	102:26,42 103:12 103:32,40 104:8	performance 17:7 19:14 53:48 63:41	81:22 91:30 101:6 107:21 111:19	picks 121:44
pause 24:6	104:21 105:23,41 106:2,40 107:12	performed 124:5	person/category's 52:32	picture 11:10 29:44 29:45 30:9,18
pay 44:21 47:39 66:18 99:41 148:10 159:37,39 160:44 161:12	109:11 112:27,44 116:43 133:36,47	period 11:34 49:46 50:16 59:16,28,31	107:21 111:19	39:7,12 40:38 44:4 100:39
paying 70:15 148:12 152:15 160:2,2	136:31 138:33,33 140:1,29 144:29	61:37,42 67:43,46 68:7,21 102:11	personal 92:8 104:24	138:41 155:10
payment 45:37	145:38 151:46 152:18 153:13	116:21,23 122:48 132:6 148:18	personally 101:41 102:10	pie 105:48 126:48
pays 16:3 42:35	155:31 161:15 162:3	151:10 157:14,24 157:27 158:2	personnel 34:40	piece 67:41 68:15 149:47 150:27
peak 121:21,46	percent 10:44 26:23 28:45 57:46	161:32 162:4	perspective 43:9 67:48 93:45	pilot 81:35
Pearson 3:25 4:34 112:45,46 116:34 116:38,45 117:4 118:11	57:47 63:31 64:18 68:48 72:46 76:39	permanent 57:21 96:38	141:23 144:36	Pineiro 2:19
pecks 148:35	80:22,34,38,43 81:46 82:33,35,36	permit 10:33,43 23:5,8,14 25:11	personal 92:8 104:24	pipe 62:1
peer-reviewed 12:26	82:38,39 83:26	25:22 35:27 51:16 57:16 60:47 61:4	personally 101:41 102:10	pitfalls 83:30,40
pelagic 14:5,19 54:41 55:44 63:48		66:44 78:47 80:14 80:40,42 84:29	personnel 34:40	place 15:22 29:28 49:9,26 50:29
		92:23 115:14,18 115:22,26 117:45	perspective 43:9 67:48 93:45	51:18 52:36 53:18 53:24 54:9 56:40
			141:23 144:36	58:25,31,40 59:18 59:30 61:26 62:14
			pertains 47:9 131:15	63:8 64:9 66:2 69:8,14 72:43
			pessimism 93:13	76:33 77:7 83:46 86:9 90:32 101:19
			PETER 3:12	114:18 123:20 124:42 126:10
			petition 19:45 20:30	132:32 141:26 159:22
			petitioner 20:32	
			petitions 20:29	
			PG-13 48:34	
			phase 69:28 98:25	

places 44:16 153:19 161:16	94:10 103:4 104:5 113:46 115:22,25 117:27,37 119:10 121:30 127:34 134:2 137:7 141:33 144:34 145:2 149:3,18 150:35 152:35,36 154:34 157:15,18 157:29 160:12 162:22	portion 54:28 87:46 98:43 99:14 112:31 125:28 126:13 127:27,42	34:39 36:8 37:26 78:29 90:48 133:19,20 137:27 158:12,13,22 161:27	126:26 128:11,36 130:11,44 131:44 138:38 150:37 158:35
Plain 138:1		Portland 7:25	power 161:15	preferring 60:32 124:20,31,32 126:24,45 128:17 130:27,42
plan 27:44 67:38 76:33 104:26 126:1 131:13,15 132:3 133:13,36	point's 46:47 91:22	ports 113:39,42 114:40 115:8,48 118:27,30,35	PowerPoint 49:32	preliminary 124:5 143:38
planning 19:26 68:35 90:5	points 81:14,24 84:40 94:6 97:19	pose 43:25 47:31	PRA 115:21 117:33	premature 64:33
plans 12:20 76:36 107:42,48 128:21	Police 33:45	position 19:26 66:24 76:5,18 144:16,42,48	practical 45:4 108:25	prematurely 123:9
platform 32:27 35:42 53:36 61:8	policies 103:14 110:43 161:43	possession 17:32 157:21	practically 108:1	premium 133:7 148:46
platform-by 53:35	policy 4:27 8:15 33:22 94:25,39,42 95:28,34,38 96:6 96:16,18,19,31,37 96:42,44,46,47,48 97:3,28,35,37,41 97:44,48 98:36,43 99:22 100:3 101:1 101:16 103:10 108:24,29,31 110:14,25,28 111:20,30,48 112:1,4,14,30 146:12	possibility 41:3 65:15 69:35 71:31 88:30 129:9 139:35 161:2	Pratt 2:34 6:34,34 63:38,46 64:2,44	preparing 49:32
platforms 32:27 52:40 53:41		possible 14:15 20:1 20:35 40:7 43:41 47:23 48:46 68:13 77:24 92:23 151:43	pre 79:29	preponderance 99:31 132:24
play 56:28 57:4,15 57:19,29 60:43 144:27		possibly 38:17 77:43,44 84:9 108:38,39 153:20	pre-DAS 49:44	presence 10:37 12:24 27:26 29:2
played 50:33		post 41:33,34	pre-decisional 69:5	presence/absence 49:23
plays 144:26 159:46		post-release 43:45 52:8	pre-draft 11:47	present 2:1 3:3 29:36 72:2 95:14 96:12 120:22
please 8:40 11:37 18:47 31:12 38:5 41:7 47:45 48:23 78:35 79:43 80:11 80:45 112:21 150:34 156:12		post-scoping 49:44	pre-rulemaking 79:29	presentation 20:13 28:12 38:38 48:31 49:33 94:44 95:13 95:35 96:1 103:4 109:5 113:6 132:22 136:8 142:12 144:12 158:4
pleased 143:43		posted 33:21 36:30 39:39 40:8 41:7	pre-scoping 49:44	presentations 157:6
plenty 155:25		posting 39:15,34	precisely 138:14	presented 31:1 145:44 158:16
PLL 19:16		potential 50:25 51:43 60:33 100:45 103:9 111:23,44 129:6	preclude 60:15 80:28	presently 106:25
plus 10:26 122:47	polite 101:13	potentially 76:25 76:45 89:44 141:30 162:23	precluded 63:24	presents 20:30 129:1
point 5:15,30 6:38 12:14 15:31,32 16:8,36 19:15,23 23:34 32:2 37:14 40:47 42:38 45:23 45:24,47 46:2,37 46:37 47:19 50:12 52:20 62:18 63:32 65:20 66:28,29 67:17,19 70:23,32 73:32,36 78:34 79:5,10,44 80:20 80:32 83:21 86:42 87:36 89:9,13,23 89:35 91:4 92:46	politically 87:48	pound 77:34 133:24 153:26 158:12	predominant 31:7 130:47	preserving 61:15
	pollock 34:22	pound-wise 133:18	predominantly 122:7 150:18 158:45	presiding 1:23
	Ponwith 82:6	pounds 29:9,11	preexisting 55:13 55:26 77:4,11,16 83:24	press 153:11
	popular 39:35		prefer 55:46 60:18	pressing 81:15
	popularity 41:15		preferences 128:20	pressure 38:10 66:26 89:16
	population 13:23		preferred 49:7,10 52:14,15,26,28 53:1,12,20,30,46 54:6,34,38 55:10 55:15,24,36 56:21 57:11,42 59:14 60:31,39 61:19,34 64:8 70:2,3 71:20 72:42 73:21,25,29 73:30 77:8 123:35	presumably 80:14 89:35
	porbeagle 14:21			
	port 4:31 8:15 9:31 18:14 36:6 78:6 112:40,48 113:14 113:35,36,38,43 114:9,11,13,35,44 114:48 115:3,4,5 115:10,37,38,46 118:20,25			

pretty 5:11,47 19:20,21 24:20 37:16 51:1 68:45 83:3 84:26 91:1 94:28 102:11 105:37 108:27 122:4 147:42 152:36	103:41 112:35 122:4 135:18,30 154:1 162:46 problem 43:10,21 43:22 66:19 71:19 73:14 82:19 87:18 87:19,37 88:35 118:7 130:36 138:5 144:27,32 147:22 153:32,38 154:29 155:34	95:46 products 34:13,18 34:19 professional 101:12 program 12:47 24:9 27:14 33:9 33:47 34:45 35:45 36:32 53:39 57:5 57:19 76:10,16,22 76:43 90:3 105:7 113:24 158:3	53:10,15,19,26 54:2,5,35 58:3,15 58:36 69:28,45 79:1,24 80:25,27 87:26 92:34 112:47 113:3,8,13 114:26,32 117:5 122:11 125:18 132:5 137:14 142:24 149:19 150:40 157:14 158:34	17:20 51:47 53:27 54:40 55:1,3,12 55:22 100:22 110:44 provision 117:28 117:41 121:5 125:3,12 127:43 155:21 provisions 16:9 17:22 57:22,24 61:30 125:14,19 125:23
prevalent 14:17 prevented 33:38 preventing 51:12 previous 6:1 78:39 80:12 81:5 previously 24:36 27:42 122:14 price 19:20 22:24 42:35 133:7 147:43 153:33 154:19,20,20	problematic 82:28 130:26 142:44 problems 49:37 82:15 129:1 135:34 138:6 procedural 33:24 67:47 136:40 139:32 procedurally 68:5 80:32 procedures 13:6 17:5 115:5 proceed 93:7 146:28 161:21 process 13:4 20:14 20:36 27:27 39:43 50:9,21 55:21 62:24 65:28,43 66:31 72:43 89:44 89:46 95:36 96:11 96:17 97:16,37 98:23,24,40 110:35 112:4,26 117:43,47 133:29 136:16 142:39 147:28 148:5,20 148:27 161:48	programmatic 40:2 43:27 programs 76:29 81:37 103:44,46 104:9 progress 17:42 18:10 104:42 prohibit 114:42 prohibited 12:3 82:3,23 115:35,37 115:39 118:12 143:9 prohibition 17:32 114:45 projected 68:44 projects 81:36 134:35 promise 67:21,30 promised 81:10 promote 143:13 promoted 9:9 proper 25:15,21,22 87:45 properly 109:34 135:23 proportion 31:32 proportions 31:20 proposal 162:40 propose 114:41 proposed 4:32,37 9:29 11:25 12:6,9 16:12 17:1,31,38 18:8 20:40 33:14 36:32 49:41,45 50:33 51:5 52:37	proposing 11:19,26 150:47 pros 57:20 prosecute 57:9 prosecuted 122:8 protect 43:1 153:13 154:10 protected 13:18 14:11 20:45 34:48 82:3 129:21,47 130:4 140:24 protecting 73:10 132:2 protection 126:8 131:5 prove 30:6 162:34 proved 81:47 provide 10:12 28:19 44:17,23 46:3 51:37 59:32 60:26,36 71:48 81:31 95:46 98:20 98:34 113:7,21 114:15 117:46 124:10,44,45 125:7 126:8 128:6 131:5 138:18 157:23,34 provided 36:16,21 56:45 71:26 72:30 117:6,7 120:1 125:8 143:46 provider 6:25 17:21 providing 15:11	proxies 8:36 Proxy 2:11,17,19 2:20,32 Prudent 14:7 public 4:40 8:17,28 10:42 12:32 18:36 20:40 37:27 38:31 42:12 45:31 50:46 54:36 55:20 65:34 65:38,38 86:48 87:46 94:31 96:42 97:30 98:5 99:7 99:13 105:42 111:8 115:23,32 116:17 132:10 155:48 156:11,48 157:16 160:15,18 160:30,33 162:8 162:16,17,18 163:15 publications 12:27 publicly 157:19,25 publish 9:35 11:18 18:15 113:4 116:5 116:12 published 9:29,39 10:1 11:1 12:22 13:42 17:1,38 22:36 33:14 36:33 68:1 132:5 publishes 68:18 publishing 113:20 Puerto 7:40 102:39 pull 15:29 pulled 39:11
prices 19:32 152:30 152:36 primarily 58:43 59:48 111:15 113:48 121:23 151:20 primary 29:20 94:46 105:5 120:36 134:5 prime 52:1 54:47 55:28 principle 142:37 principles 97:8 110:34,41 112:15 print 159:7,9,10,11 160:1,4,5 prior 33:42 42:11 49:3 55:33 86:43 115:2 163:8 priorities 8:21 prioritizing 30:27 priority 5:16,20 6:37 103:35 private 10:24 99:24 probably 26:23,25 43:45 65:6 67:39 74:41 77:22 83:1 83:4 86:3 92:40	produced 66:26 67:9 producer 148:16 product 14:40 15:1 15:14 65:45 148:6 151:16 production 19:30 76:47 productive 38:6	properly 109:34 135:23 proportion 31:32 proportions 31:20 proposal 162:40 propose 114:41 proposed 4:32,37 9:29 11:25 12:6,9 16:12 17:1,31,38 18:8 20:40 33:14 36:32 49:41,45 50:33 51:5 52:37	protected 13:18 14:11 20:45 34:48 82:3 129:21,47 130:4 140:24 protecting 73:10 132:2 protection 126:8 131:5 prove 30:6 162:34 proved 81:47 provide 10:12 28:19 44:17,23 46:3 51:37 59:32 60:26,36 71:48 81:31 95:46 98:20 98:34 113:7,21 114:15 117:46 124:10,44,45 125:7 126:8 128:6 131:5 138:18 157:23,34 provided 36:16,21 56:45 71:26 72:30 117:6,7 120:1 125:8 143:46 provider 6:25 17:21 providing 15:11	public 4:40 8:17,28 10:42 12:32 18:36 20:40 37:27 38:31 42:12 45:31 50:46 54:36 55:20 65:34 65:38,38 86:48 87:46 94:31 96:42 97:30 98:5 99:7 99:13 105:42 111:8 115:23,32 116:17 132:10 155:48 156:11,48 157:16 160:15,18 160:30,33 162:8 162:16,17,18 163:15 publications 12:27 publicly 157:19,25 publish 9:35 11:18 18:15 113:4 116:5 116:12 published 9:29,39 10:1 11:1 12:22 13:42 17:1,38 22:36 33:14 36:33 68:1 132:5 publishes 68:18 publishing 113:20 Puerto 7:40 102:39 pull 15:29 pulled 39:11

pun 140:35	109:8 160:38	119:31 132:18	123:45,48 124:15	28:48 80:35
purchasing 34:29	161:39	134:23 136:48	124:17,20,23,26	140:36
pure 10:37 26:28		139:5 142:14	124:33,38,41,45	rates 51:44 85:44
45:6	Q	155:46 157:5	139:17,23,28	ratio 125:38,43
purple 121:29	qualified 89:31	159:2 161:10	140:43 141:2,5,11	136:20,22 153:1
purpose 45:45	qualify 54:42	162:40 163:27	141:26,31,41,42	rational 140:40,42
116:7 151:18	quality 51:26 52:4	queue 9:11 70:7	141:47 143:15,17	141:7
158:48	84:28	quick 6:5,7 7:48	143:21,28,40	ratios 53:35 134:36
purposes 21:42	quantify 23:3	19:12 22:12 38:30	145:37,39,45	Razorbill 25:25
81:33,39 83:18	87:38,38	38:39 44:38 68:40	146:2,9,14,16,27	re-initiated 14:4
purse 10:4,7,33	quarter 12:42	70:43 77:18,20	146:30,41 149:19	re-initiating 13:38
58:36 60:30,34	135:12	88:39 96:6 100:37	155:8,14,22,25	13:48
63:40 64:4 65:3,9	question 19:35	112:10 113:6	159:23,29 160:6	re-look 131:28
66:35,43 67:14	20:27 21:5 22:13	140:13 147:24	quota-related	reached 56:27
70:13,36 73:38	22:22,40 26:14,16	155:3	51:32 52:27	68:44,45 72:18
74:14 78:37 79:6	26:19 28:5,6,28	quickly 46:35	quotas 8:22 10:3	83:13
79:21,39,47,48	28:34,38 29:37,41	96:43 141:19	21:46 55:6 60:14	reaching 153:44
80:1,1,26 86:39	30:12,17,43,46	quiet 23:24	67:10 69:8 72:24	react 159:13
90:18 92:16	31:12,23,35,48	quite 5:9,27,36	92:43 142:24	reaction 19:26
pursuant 110:20	32:10,16,19 36:38	12:13 15:40 16:40	158:31 160:8	read 5:48 68:29
pursue 59:12 70:30	36:48 39:23 40:11	18:44 37:4,41	R	71:32 74:5 75:15
83:42	40:16,17,42 41:18	50:46 66:24 79:38	racks 161:2	111:19 122:4
pursuit 26:7,9	41:19 42:8 43:21	91:28 112:36	radar 36:13	159:7,9,10
push 40:39 82:30	43:25,25 46:18	114:25 142:27	raise 18:32 146:2	reading 29:45
86:35	47:6,30 62:33	143:42	raised 66:46 78:11	61:48 85:29
pushed 154:1	70:19 76:2,19,27	quo 59:14	137:6	readjust 60:40
put 9:1 17:9 19:9	78:11 82:5,9,30	quota 11:2,3,7,13	raises 65:21	reads 86:17
21:7 27:15,32	86:40,41 89:24	47:14 51:17,35	raising 72:39	ready 76:27 132:17
37:27 40:41 44:19	90:2,16,40 91:33	52:1,18,42 55:6	145:45 146:9	143:18
48:23 50:3,18	102:4,15,20,22	55:39 56:6 57:44	Ralph 2:34 6:34	real 7:48 21:2
52:48 67:36 71:5	110:42 119:7	59:19,23,26,36	63:37 65:21	22:12 70:43 76:26
75:5 81:15 82:31	120:6 138:24	61:25 64:30,37,46	ran 25:14	76:33,36 77:18
82:48 84:7 89:19	149:32 150:6	66:36 67:6,10	random 102:8,18	86:32 101:14
92:10 97:29,39	158:20 160:18	68:44 69:37 71:43	102:29 157:33	106:30 114:36
98:41 100:34	questions 9:12,14	72:18,38,46 78:39	randomly 158:3	118:12 147:24
104:23,37 134:24	11:36,37 15:15	79:25,28,31,37,46	Randy 2:18 3:9 7:7	155:3
135:10,11,12,36	16:28,29 19:2,37	83:22 84:43,45	68:37 69:18 70:34	realistic 30:41
136:1 137:20,31	19:42 22:48 23:21	85:2,28 86:38,48	84:3 106:47	76:28,34
137:32 141:10,43	28:2,7 29:35	87:13,15,35,45	107:24 109:30	reality 105:38
144:43 145:23,39	32:42 36:35 38:34	88:25 89:15,22,26	144:8 147:23	106:4 107:16
155:14 160:1	38:39 42:1 53:8	89:45 90:6,7,9,11	range 73:41 74:2	realize 152:8
161:26 162:3	62:19 67:42 70:12	90:12,14,47 91:3	75:13 99:35	reallocate 64:47
puts 27:37 104:2	73:16 77:22 88:43	104:37 121:3	rant 83:5	88:26
112:34 156:37	89:47 92:47 93:34	122:18,22,42,45	rapid 64:30	reallocated 64:25
putting 66:17	93:42 96:9 100:33	123:1,2,15,18,20	rare 70:10	reallocating 76:8
74:17 89:45 90:4	102:36 106:30	123:21,22,24,26	ratcheted 52:44	reallocation 52:16
97:12 106:23	107:17 110:10	123:28,32,36,37	rate 14:5,9 26:2	52:30 64:11 65:23
	116:28,42 119:8			

65:48 66:13 67:12 76:12 89:44 90:17 really 5:11,21 15:25 26:37 27:25 37:45 41:5 42:27 44:11,30,38,47 45:35,41 49:1,33 53:31 61:1,11 62:4 63:20 64:2 65:41 67:1,41 70:28,31 73:46 75:12,33 76:20 78:32 79:4 82:30 88:13 93:39 95:48 101:37 102:23,29 102:31,33 103:23 103:30 104:13,16 104:17,25,41,44 105:12,13,29 106:35,44 107:1 107:10,16 110:13 114:33 120:5 121:27,37 127:33 127:39 137:6,14 138:39 139:5,44 140:33 145:47 147:42 148:14 154:9,15,48 155:5 157:45 158:6 159:43,47 161:40 162:1,12 163:25 realm 65:14 144:35 realtime 51:36 58:18,25,41 83:44 84:42 reason 61:3 75:22 80:21 85:8 109:35 110:4 120:39 121:1 123:21 124:30 126:45 130:26,42 134:28 135:1,25 145:21 146:17 162:29 Reasonable 14:7 reasoning 72:22 reasons 31:45 122:31	reassessed 141:20 reassessing 57:20 rebuild 153:18 rebuilding 51:12 rec 95:20 96:26 97:28 102:1,20 recalculated 123:30 124:27 recall 11:48 51:29 52:12 60:8 88:48 recap 62:23 112:10 112:13 receive 65:11 86:2 86:2 111:11 received 10:34 50:39 53:16 54:44 55:20 63:5 92:33 100:16 111:8 113:45 recipients 58:5 reckless 159:43,45 recognition 108:8 recognize 137:11 recognized 156:32 recognizes 108:22 recognizing 103:38 108:13 recollection 80:47 recommendation 30:32 52:21 113:22,34 114:24 116:32 117:17,27 118:4,6 recommendations 49:26 80:36 95:26 97:27 111:1 113:9 113:47 114:30 116:8 recommended 51:13 reconciled 33:19 reconnect 5:8 reconsider 75:13 reconvene 8:20 119:24 reconvening 163:28	record 37:28 47:42 50:9 67:48 68:3 84:5 91:34,38 94:17 119:26 159:41 163:30 recorded 145:46 146:44 recording 80:19 records 15:28 37:22 recovered 36:27 recreate 51:33 recreating 52:19 recreational 4:27 5:41 6:19,27,33 7:21 8:14,46 12:34,39 23:7,13 35:24 39:10,16,21 41:32,33 42:46 43:18 44:34 47:11 47:18 59:4,47 60:16 61:4 94:25 94:39,43,47 95:4 95:15,27,30,41 96:22,28,40 97:10 97:22,26,45 98:4 98:6,16,48 99:20 99:25,35 100:7,12 100:27,28 101:8 101:23,36 102:45 103:22,31,36 104:3,12,15,17,23 104:28,38,42,46 105:1,6,15 106:6 106:11,20,40 107:34,36,47 108:9,14,17,23,48 109:12,22,29 110:30 111:20,24 111:31,37,43 139:34,35 140:9 recreationalists 104:35 recreationally 35:20 61:9 recreationally-ba... 95:34	recs 116:31 recycled 30:17 red 26:20,32 28:30 28:39 30:11 31:8 109:5 123:14 124:16,21,32 127:21,22 131:32 131:37 145:3,11 145:19 154:4 reduce 14:12 51:21 84:25 92:27 113:48 114:4 132:1 140:19 reduced 64:17 89:32 reducing 41:45 84:10 reduction 63:32 115:21 117:22 131:13,15 132:3 reel 158:46 reevaluated 14:6 reexamination 122:41 reexamined 122:24 refer 100:43 151:11,31 reference 71:14 78:34 131:37 referred 40:1 152:3 referring 79:5 116:35 refers 98:12 113:16 116:42 refine 26:41 refining 58:32 100:46 reflect 54:24 reflecting 50:32 reflection 19:32 reflective 36:45 refuge 36:10 refuse 32:2,11 regard 83:46 regarding 19:38 23:1 27:24 33:12 39:25,29 42:46	48:33 51:5 53:1 53:17 55:5 112:47 113:7,13 115:2 regardless 20:32 59:10 131:11,42 152:9 regards 53:33 115:34 125:45 Reghi 3:37 33:1,2 38:3,28,44 39:23 40:47 42:38 43:20 46:1 47:18,30 region 44:44 46:20 73:5 98:38 102:9 103:2 120:37,41 121:10 129:15 150:3 regional 27:19 97:33 107:36,41 107:45,48 108:25 110:36 regions 81:25 121:9 131:23 Register 113:4 registered 9:47 35:11 89:35 registration 12:45 13:1 Registry 113:17 regulated 95:2,3 regulation 36:42 36:45 44:7 regulations 17:10 20:17 27:40 33:25 34:47 35:17 36:47 37:1 38:19 40:35 43:15 44:48 46:5 49:23 50:17 61:23 61:28 64:3,9 74:4 97:6 110:21 114:2 114:4,17,34,42 115:17 118:16 119:46 129:39 130:15 136:42 143:11 regulations.gov 132:16
--	---	--	--	---

regulatorily 87:39	reminder 21:6	representing 71:12	rescue 91:9	146:33 155:37
regulatory 16:11	130:2	163:14	research 8:21 9:45	163:7
18:45 87:41	removal 126:9	represents 85:36	9:47 20:17 122:18	restricted 36:1
113:12 114:31,37	128:7,40 156:29	reproductive 72:23	134:35	54:3
145:42	remove 45:19	reputation 156:42	reserve 10:31 53:1	restriction 130:1
reiterate 147:12	125:19,24 126:6	request 10:34,39	53:3,6 57:7 64:25	130:46
relate 51:28 56:8	127:48 128:4	20:12 36:7	64:47 65:11 90:13	restrictions 51:43
61:20	129:3,47 130:4	requesting 132:15	90:25,32	129:43 130:30
related 20:43 28:2	144:25	requests 65:37	reserves 89:46	restrictive 61:7
36:38 49:21 60:7	removed 44:9	68:19	resolution 117:20	restructuring
63:1 100:42	125:40 126:14,18	require 27:22	117:21	12:47
101:16 107:34	126:21,32	114:27 125:14,17	resolved 50:44	result 14:18 27:17
relates 56:38 59:15	removing 45:3	125:39 126:40	73:27	29:1 49:47,48
59:42 60:30 62:35	156:19	127:47 128:12	resource 24:9,12	51:45 89:46
62:48 63:11 76:37	rendition 42:6	131:40,45 141:25	92:29,47 93:25	results 24:1 26:22
relating 110:29	reoccurring 100:20	142:36	109:34,47	26:28 90:17 115:5
relation 53:10	repeatedly 35:5	required 12:21	resources 7:36	123:2 143:17
73:25	replacement 77:13	14:47 15:3 22:35	13:18 14:11 20:45	resumed 47:42
relative 21:25	77:15	34:16 81:43 87:40	25:4 27:15,44	94:17 119:26
31:32 106:6	report 23:45 30:33	87:41 129:40	34:48 40:4 47:20	retain 127:26
relatively 62:13	35:34 83:25 95:25	130:3,16,38,41	50:2 51:12 55:23	retained 60:22
63:15 69:21 77:19	97:23 117:29,34	138:42 139:46,48	70:26 80:41	122:27 126:14,18
86:4	119:33,35 136:5	140:2	129:22,47 130:5	126:28,35,37,41
relay 25:33	157:35,41	requirement 34:4	respect 76:24 103:8	126:44,48 127:3
release 12:9 14:11	reported 58:28	59:5 61:43 66:41	respectful 9:8	127:10,16 139:8
35:16 36:22 40:40	59:5 123:3 140:36	80:18,34 122:23	42:44	149:2
released 9:41 16:12	143:36	126:12 129:19,46	respond 35:30,38	retaining 30:22
16:24 48:41 59:6	reporter 34:41	131:1,21,28,48	40:3 41:20 42:48	111:22
59:7 83:38 98:44	reporting 8:28 13:1	156:24	105:22	retention 10:18,19
119:42	15:46 16:31,33	requirements	responded 36:11	10:23 59:44,48
relevant 15:24	17:44 36:24 37:36	14:39 15:12,46	36:15 61:44	101:38 143:8
rely 41:5	52:4,5,5 56:39	16:11 18:32 36:21	Respondent 33:42	reticent 8:44
remain 52:15 64:16	58:16,18,35,38,48	36:25 52:6 55:33	responding 34:5	retrieved 35:14
78:6	59:5 80:47 81:1	58:16,19,35,38	response 17:6	returning 47:12
remaining 20:21	85:48 86:5 101:46	104:11 106:17	61:39	review 12:11,22,23
remains 65:23	102:27 111:38,40	111:38,40 114:39	responsibilities	12:29 20:23,31,36
66:22	111:44 115:5	116:1 118:26	17:5 41:47 97:1	67:46 68:9 71:6
remarks 142:23	123:4,6 132:31	122:19,33 123:6	113:36,37 114:6	81:44,45 98:41
remember 14:26	136:3 137:8	131:8 132:32	118:21	119:41,45
15:17 104:30	138:41 142:4,21	137:8 141:47	responsible 42:44	reviewed 62:8 68:9
128:43 135:48	reports 12:27	142:4,5,5,21	66:16 110:11	71:24,28 79:14
136:8 158:9	16:35,36 21:12,20	145:43 151:1	121:24	143:16
remembered 26:45	22:8 77:6,7	requires 113:38,41	rest 10:22 18:48	reviews 20:29
remind 22:32	represent 28:9	125:4,27 129:42	24:32,32 62:21	revisit 14:9
48:19 99:12	49:16	requiring 131:19	67:34 73:9 74:15	rewarded 86:6
112:14	representation	requisite 81:44	74:23 85:2 98:22	rewarding 91:11
reminded 100:26	60:13	reroute 161:22	137:48 138:48	rewards 67:3

rhetorical 106:29	135:48 136:9,27	88:38 89:9,12,30	RUSSELL 2:22	scalloped 14:22
Rhode 6:38	136:27,32 137:37	90:39,45 108:26	Rusty 7:16 29:37	20:42
Rich 6:30 19:6,7	140:20,31 141:11	ruin 74:35	29:38,40 81:10,16	scallops 34:21
21:36 22:21 62:27	142:8 144:6	rule 4:23,33,37	81:19 83:7 152:20	Scanlon 6:24,24
62:30 65:17 81:10	145:12,15,19	9:34 10:1 11:1	152:21	47:6,26,33
81:17 85:19 88:37	146:30,39 147:4	12:6,7,10 13:22		SCANLONMIC...
89:7	147:18,36,39	13:42 16:12,22	S	2:37
Rich's 21:11 22:13	148:7,31 150:43	17:1,22,31,38	Sabine 25:31	scanning 39:47
RICHARD 2:35	150:47 151:37	20:40,41 33:14	safe 32:32 114:8	scared 86:23
Rick 2:7,40 3:25	155:44,46 157:27	36:33 43:17 44:1	safety 31:45 32:15	160:14
4:34 6:36 7:42	159:1,16,20	46:8,9,13 49:27	32:28	scene 26:6 36:16,16
112:46 116:29	161:47	49:45 50:10,33	sake 46:45 163:21	schedule 4:23
Rick's 23:25	risk 91:12 156:38	61:42 67:44 68:1	sale 17:33 35:25	27:24,36 33:23
Rico 7:40 102:39	risk-averse 146:12	68:3,13,18,22,29	57:22 100:4	47:3 112:34
ridiculous 151:46	risks 143:6	68:47 69:4,13,28	sales 35:28 57:16	119:11
rig 35:39	risky 143:40	69:46 70:28,46	95:19	scheduled 16:21
right 5:11 7:44,47	road 50:46 141:15	71:9 73:48 79:1,1	salmon 97:47	99:4 119:15,21
8:4,34 9:18,34	Robert 2:23 147:7	79:22 80:25,27	saltwater 42:15,30	schedules 15:40
13:2 15:23 16:2	rod 158:46	112:47 113:3,8,13	95:18,30,41 98:6	18:45
18:47 20:44 21:36	role 24:8 104:2	113:20 114:26,32	106:48 111:31	scheduling 132:10
28:4 30:25,42	roll 105:34	116:5,7,12,17,26	SAMPSON 2:36	scheme 55:39
32:41 38:36 40:6	rolled 29:24	117:5,9 122:26	Sanctuary 99:11	school 10:25,25,26
40:36 41:48 47:34	rolling 13:5 123:25	124:47 125:18	sand 40:37	10:26 104:21
47:44 48:3,11	123:32 124:22	132:5,7 141:29	Sandbar 153:48	schoolmate 42:25
50:43 60:46 61:32	rolls 59:27	142:48 143:19	sandbars 146:7	schools 10:37,39
64:12,18 67:8	Rom 7:3 31:36	146:20 157:14	154:6	Schulze-Haugen
69:18 70:18,41	81:17 83:48 84:14	rulemaking 16:18	Saturday 116:24	3:7 4:14 5:3 9:18
72:44 73:13,35,37	84:15	49:41 72:9,16	save 88:40 89:7	19:33 20:22 21:45
73:38,39,42 77:8	Romulus 2:42	79:41 122:25	161:28	22:17,23,39 23:10
77:22,43 80:34,38	31:36	129:40 137:1	savings 54:31	23:16,23,40 32:47
81:7 85:47 86:18	Ron 31:35	rules 5:32 8:35,38	142:30	44:6 48:1 92:9
86:33 87:4 88:24	room 6:5 8:1 29:36	9:29,39 18:8,12	saw 10:35 20:41	94:9 117:26,42
90:12,46 91:27	33:8 42:5,11	35:23 43:11,34	29:37 63:17 71:34	118:25,48 119:9
93:10 94:2,19,24	89:19 92:19 94:13	50:17 116:22	81:12 123:12	119:28,44 136:38
94:27,38 101:18	94:15 103:12	122:16 142:43	158:10,15	138:8 140:16,21
104:18,44,44	119:13 144:35	143:12 144:26,28	sawfish 40:22,22	141:33 146:23,32
109:1,38 112:8,33	160:29	144:28 145:1	sawfish-handling	146:35,40,45
116:27 117:8,20	rough 31:44	ruling 151:34	41:39	147:1 157:13
119:22 120:20,25	roughly 63:44	run 5:26,33,43 9:11	saying 73:42 74:11	158:14,27 162:14
120:26,26,34	120:12	28:37 31:38 80:32	75:41 89:36 90:8	162:19 163:13
121:16 122:1,11	round 77:35	91:8 103:45	90:35 91:47	science 30:5,14
122:40 124:13,46	roundtables 97:33	157:37 159:17,18	103:34 104:4,21	81:39 82:7,7,43
125:1,26,44	route 136:1	running 44:13	143:43 144:18	100:18 101:31
126:47 127:24	RPA 14:7	159:18	146:41,46 148:4	103:33,44 104:8
128:23,45 129:11	Ruais 2:35 6:30,30	rush 86:34	159:33,42	137:36 153:42
130:18 132:4,19	19:6,8 65:19 66:6	Russ 94:41 95:11	says 68:43 146:15	scientific 9:45
133:6 134:16,41	66:9,12 67:23,29	99:9 112:25	148:40 152:8	81:32 104:9 107:4
			SCA 22:35	

140:44 146:10	season's 150:1	86:12,14 88:20,21	select 90:28	153:15 156:22
scientifically	season-to-season	91:16 93:17,19,29	selected 133:17	159:13
124:41,45 140:43	100:23	93:31 97:21 98:20	self-reporting	session 57:36 94:28
141:20	seat 96:40	103:5,6 107:43	101:35	112:19
scientifically-bas...	seated 33:7 94:26	108:41 109:38,40	sell 37:21 90:12	set 5:32 10:15
141:5,31	seats 47:45	121:35,46 122:9	102:5,15 109:19	35:29 45:41 46:41
scofflaw 37:20	second 37:25 38:15	123:16 124:26,38	148:26 150:10	52:19 56:2,19
scope 40:43 100:3	52:27 55:12 68:38	127:7,25,34	158:8	58:7,19 72:38
111:19	70:19 79:45	128:38 131:30,33	selling 90:4 99:40	74:22 75:30 80:36
scoping 86:13	122:25,40 124:21	132:20,44 133:13	Senator 135:20	93:40 97:7,17
87:26 92:33	125:31 126:16	135:13 139:2,39	Senators 66:23	98:43 108:2,19
scored 78:38,48	127:42 128:18	145:18,44 146:13	send 22:46 38:17	110:34 112:15
scoring 79:35	150:7	146:45 147:17,36	46:44 89:35	122:48 123:45
Scott 2:39 3:38	secondly 75:36	150:35 151:28	105:33 118:45,46	154:39 159:21
4:29 7:1 37:17,39	Secretary 16:3	154:6 158:1	153:19 157:42	set-aside 51:34
44:36 81:10,17	section 33:6 41:29	159:46 162:26	Senegal 148:45	56:26 122:18
85:19 89:17 93:14	98:19	seeing 26:14,23	sense 40:42 68:27	sets 56:24 58:38
94:40 95:8 110:27	sector 6:17 42:40	29:27 37:35	75:16 76:6,17	74:26 87:7
112:9,13 118:40	45:1,31,44 47:18	120:19 127:12	85:3 100:38	setting 163:23
151:3	76:9 85:44 88:2	140:48	141:22 143:33	settlement 33:23
screen 96:3	106:20	seek 97:15	144:18 145:22,34	46:32
screening 34:9	sectors 111:46	seeking 44:35	151:34,42 154:45	settlements 36:26
screenshot 33:29	secured 36:16	100:1 113:42	155:31 162:29,35	36:29 46:17
screwed 155:37	SEDAR 121:7	128:19	sensitivity 37:8	seven 13:44 67:20
scrolls 33:31	124:2 128:44	seen 12:36 25:41	sensors 58:23	69:19 77:38 99:1
scrutinized 42:41	see 5:29 10:18,39	27:2 31:18 40:31	sent 22:42 62:10	105:41
se 39:45 72:28	11:1,7,12,37	48:47 62:28 69:17	138:3	sex 30:35
sea 7:6 15:27 30:22	13:25 14:42 17:47	74:19 98:46	separate 16:22	shadow 85:26
31:41 32:28 35:16	19:4 21:4,20,42	153:34	45:4 112:3	shakes 20:24 63:22
36:22 82:11,20	22:11 23:13,17,24	segment 32:42	separates 112:2	shame 153:12
101:25,27 114:44	24:31,47 26:17,32	87:16	separating 111:36	154:11
115:35 125:20,25	27:4 28:37 29:16	segments 13:23	111:45	Shana 2:30 6:22
126:7,15,18,22,33	30:10,40 31:29,31	87:1,12	September 1:15	67:32 118:1
128:1,5,8 140:19	32:23,42 33:27	seine 10:4,7,34	13:9 24:33	shape 57:41 155:1
140:23 144:19,26	38:34 40:41 42:1	58:36 60:31,34	sequential 69:14	share 15:32 18:27
147:28 148:5,6,20	42:16,31,33 43:37	63:40 64:5,14	series 54:15 95:25	18:35,47 44:14
148:27 156:20	44:4,36 45:30	65:3,9 66:35	129:35	56:5 57:16,46,47
seaboard 60:12,27	46:47 52:12 57:14	67:14 70:13,36	serious 40:33,44	61:40 67:16 70:13
seafood 7:2 34:13	57:18,44 58:24	73:38 74:14 75:7	50:40 144:32	76:10,15 93:12
34:17,19,28,42	62:27,38,41 63:33	78:37 79:6,21,40	160:10 162:11	157:19 158:16,35
78:26,29	65:41 67:26 69:13	79:48,48 80:1,2	seriously 16:38	shared 15:17 61:41
seamless 86:33	70:25 71:36,41,45	80:26 86:40 90:18	serve 108:37	62:8 119:48
searching 39:47	72:39,40 73:9	91:1,3 92:16	143:30	shares 56:14 57:41
seas 14:44 113:28	76:29 79:3,16	seiner 80:7,7,8,8	Service 3:38 9:24	57:45 58:1,5
114:47	80:40 81:8 82:17	seiners 66:43	14:33 15:4 36:10	sharing 49:6
season 10:46 11:15	82:18,34 83:43,44	seized 25:17,23,32	40:3 91:34,37	shark 4:36 6:11
17:44 84:36	84:24 85:13 86:11	34:4 36:8	134:26 152:26	7:31 8:17,22 9:31

9:33,46 11:17,20 11:40 17:37 18:9 18:10,14 19:41 20:5 25:15 27:4,5 30:8,48 34:35 35:11,40 36:20 38:41 39:6 41:37 41:38 42:26 82:24 83:33 94:22 119:12,33 120:33 121:5 122:15,35 122:42,44 123:46 124:1 125:2,4 126:9 128:14 129:13,17,25,26 129:27,29,31,43 129:44 130:3,7,11 130:14,15,17,21 130:22,31,32,34 130:37,40,41,48 131:2,3,6,8,10,41 134:29 135:3,4,23 135:35,36 137:25 137:27,33,48 138:17 142:11,29 142:48 143:7 144:1,21 148:43 149:34,36,39,42 150:13,20,28,45 152:13,23,30 153:8,9,10,17 156:20,43 157:9 161:31 shark-fished 149:35 150:29 shark-fishing 22:34 143:45 161:31 shark-specific 120:29 sharkfins 25:32 sharks 8:46 11:46 11:48 14:23,29 18:2 19:43 20:16 20:20 25:17,21 26:43,46 29:43,48 30:10,20,29,35	31:9,19 34:30,31 34:37 36:40 37:44 38:23 39:7 40:21 40:36 82:22 110:45 120:35,43 120:43 121:3,8 122:17,26 125:5 126:6,30 129:18 129:24 137:28,46 138:20 139:8,9 140:11 143:1 145:10,11 146:4,4 149:48 150:15,18 150:19 151:9 152:48 153:29,43 155:7 156:25,30 156:38 sharpnose 133:8,9 148:33 149:26 152:44 155:28 she'd 30:34 sheet 9:15 38:18 sheets 156:7 shift 31:4,15,18,20 shifted 54:21 shifting 35:1 53:9 55:38 56:13 shifts 55:7 ship 114:7 Shooting 72:27 shops 99:26 shore 21:15 125:41 129:4 shore-based 110:44 110:46 111:2 shoreside 83:39 short 94:43 short-term 57:13 shortage 101:28 shorter 18:41 shortfin 25:17,21 shortly 16:42 shoulders 76:48 show 24:28 37:22 50:46 77:24 82:21 84:46,47 86:28 98:18 107:47	110:4 131:16 132:26 137:41 139:20 145:15 150:42 showed 80:12 143:27 showing 74:25 75:30 135:6 140:47 shown 65:37 82:12 82:21 145:2 shows 12:1 24:24 25:36 78:36 123:14 shut 162:23,27 shutting 49:46 side 16:44 33:28 39:9,10,10,21 40:34 42:46 43:27 43:28,28,28 73:7 76:20 77:42,44 82:26 95:12 131:31 145:24 160:47,48 161:1 sidebar 86:19 sidebars 89:8 101:43 sidelines 52:43 sign 159:7 signal 63:15,21 signed 68:1 significant 12:7 26:29 29:29 70:24 115:29,31 signs 143:39 silent 70:20 SILVA 3:26 Silver 99:8 similar 20:41 46:25 similarly 12:39 140:24 149:16 simple 81:27 86:41 138:1,45 148:32 154:36 simplified 64:14 simplify 131:22 152:10	simply 46:44 115:1 115:46 116:2 123:39 125:24 single 15:20 43:4 74:10 100:17 singled 43:5 singular 100:28 sink 122:5,8 127:2 130:46 Sissenwine 2:37 7:26,26 76:1 103:7 147:6 sit 40:28,38 48:27 106:3 110:37 133:37 sitting 6:14,26 39:46 94:11 159:27,31 160:8 situation 37:13,41 86:45 140:33 151:20 situations 43:18 49:15 110:17,22 110:26 six 13:26 49:43 67:10,11 81:28 95:25 150:23 size 34:3 97:45 150:22 sizes 77:32 83:36 skipjack 18:5,6 SkyMate 17:19 slam 133:29 slap 135:15,16 slaughter 21:31,32 slice 127:4 slide 24:11,24 25:5 25:30,35 26:12,44 27:7,47 28:30,32 28:40 29:41 52:48 63:38 77:25 78:35 79:43 80:11,12,45 84:17 97:21 98:18 100:35 116:16 125:10 128:26 131:17,31 145:1 145:15 150:42	slides 13:15 14:20 23:37 24:6 52:13 98:22 111:26 125:11 128:44 158:15 slight 10:24 24:41 53:21 slightly 24:16,17,18 37:24 52:29 58:3 61:38 sliver 153:4 slotted 48:14 slow 161:20 162:1 slowly 121:21 small 7:31 11:43,45 22:5 24:18 26:33 60:14 76:9 82:15 93:29 121:31 127:27 145:25 148:1,3,15,17,18 148:19 151:6,25 151:36 154:29,31 154:35 155:7,41 smaller 10:8 64:22 127:4,30 SME 29:21 smiling 42:17 Smith 37:18 smooth 14:22 120:30,38,41,46 121:5,12,15,17 125:3,8,11,20,23 125:30,40,46,48 126:7,13,16,21,27 126:30,36,40 127:3,5,13,15,20 127:26,30,41,47 127:48 128:3,22 128:41,46,48 129:3,10 132:29 133:3,21,28 134:43 135:26 136:5,10,23 137:8 138:16,19,25,29 138:30 139:28,36 145:35 148:33 150:8,19 151:5,26
---	--	--	--	--

152:37 156:29,36 161:24,26	solidifying 61:27 SOLTANOFF 3:27	sound 5:5 101:45 105:47 119:19	92:4 103:36 104:11,46 105:1,2	121:35
smoothhound 4:36 8:17 94:11,15	solution 81:31 88:1 104:37 149:2,10	sounds 23:38 32:13 99:40 134:2,17	109:16 110:47 113:25,41 114:43	spiny 139:9 152:38
119:13 120:29,35 120:43,43,46,46	149:17 solutions 49:36	147:26 sources 51:18	114:46 115:40 118:18 120:44,48	spirit 45:45
121:3,8,14,15 122:14,17,26,41	91:47,48 solve 27:8,29 87:37	souring 144:22 south 6:19 7:9,35	121:14,32,34 126:9,36 129:23	split 121:9
122:44 123:46 124:1 126:30	88:34 solved 153:38	7:42 10:29 11:8 21:14 35:29 54:28	129:32 131:6 132:25 133:10	spoke 28:16 93:13
128:10,14,15,46 128:46 129:5,18	solving 147:22 somebody 31:45	66:40 71:12,39 72:2 121:45	135:27 139:48 140:24,25,30	spoken 88:13
129:24,27,44 130:14,21,22,33	43:39 46:42 70:38 71:6 90:46 94:14	160:24 southeast 24:42	143:8 150:17,20 150:21 152:33	sponsors 137:33
130:37,39,48 131:3 139:28	103:43 150:17 155:11 159:28	25:8 27:24 35:1 36:9 38:41 41:38	155:5 156:34,37 species-specific	Sport 99:9
140:11,33 143:42	somebody's 61:8 someone's 44:23	44:43 47:32 53:19 82:7 131:15,24,27	29:48 specific 10:43	sports 42:16
smoothhounds 142:36 143:7,37	somewhat 54:22 son 159:9	131:29,34,46 Southeastern 7:38	12:44 13:16 14:20 20:13,20 44:27	sportsman 42:15
smooths 134:8 snacks 47:38	Sonja 2:12 6:10,11 19:39,40 139:3	Southwest 13:33 space 44:22	70:8 103:30 107:46 108:44,45	sportsmen 42:30
snapper 26:20,27 26:32 28:30,39	142:8,10 144:36 148:39	Spalding 33:7 spanned 33:40	110:1 113:11,15 120:30,40 125:12	spot 15:22 27:38
29:8,9,11,13 30:11 31:9,19	soon 13:41 67:31 93:2 132:12	sparse 85:9 speak 74:9 86:20	156:35 specifically 9:27	28:39 159:16
109:5 snappers 154:4	141:34 sorry 7:48,48 8:2	95:8 speaker 50:42	20:15 85:41 87:8 96:1 105:22	spread 15:24 89:41
snicker 48:6 snowball 59:29	19:4 31:10,37 36:36,37 67:11,18	speaking 33:15 45:7 93:21 156:17	116:31 119:32 123:48 128:19	spring 11:48 12:20
soak 105:34 129:48 130:35,45	81:11 91:30 105:11 118:20	speaks 45:15 spear-fishing 37:6	120:30,40 125:12 152:3 155:12	20:11 99:8 121:36
soak-time 129:42 Sobeck's 108:11	136:9 147:2 162:14	37:43 speared 37:24	specifications 9:40 10:1,48 11:17	Sprtel 3:39 33:5
social 39:2,5,15,21 39:29,44 41:30,42	sort 15:25 17:19 18:3 44:38 53:33	spearfish 37:22 38:22	17:4 19:10 specifics 107:45,45	squat 147:41
43:42,43 72:34 73:4 102:3	55:1 56:6,47 57:3 57:6,14,15,18,21	spearing 36:40 special 33:2 34:5	136:45 specify 17:23 68:47	stability 100:23
socializing 26:33 29:3,6	58:24,26 59:7 66:47 67:3 70:26	35:6,9 36:9 46:27 species 1:6 3:8 12:2	specifying 115:36 specs 9:30,31,33	111:27
Society 3:43 156:18 socioeconomic	73:31 76:31,43 77:9 80:41 81:21	13:16,43,44 14:2 14:25,37 22:3	18:15 spectrum 43:38	stable 121:20
72:37 73:5 113:19 115:28	83:15,31 89:8 90:24,31 97:7	24:14,25 26:21 30:19,30 34:20,23	speed 93:44 spend 31:46,47	staff 4:25 27:13
sociologist 5:40 sold 35:19 115:40	98:13 103:16 105:18,48	34:47 40:20,22 44:28 78:23 81:42	103:40 spent 90:21 107:9	30:39 34:44 40:2
solicit 95:36 solicited 12:23	sorts 39:31 95:5	82:4,24 83:32	107:37 spike 101:45	76:41 81:22
				staffing 42:47
				47:19
				stage 60:32,33
				61:39 70:2 92:34
				104:48
				stages 15:43 70:46
				stakeholders 43:27
				95:32,37 96:25
				98:29 101:12
				stand 5:37 57:45
				61:32
				stand-alone 56:20
				standard 8:23
				17:14 23:44
				122:47 123:28,38
				124:25,36 146:47
				147:8
				standards 17:4
				22:35,45 32:28
				39:8,19
				standing 58:9
				102:43 135:20
				standpoint 44:42

45:28 93:39	49:6,10 50:7	STEPHAN 3:29	striking 71:41	117:22 119:35,45
stands 73:25 85:47	53:21 54:7,16,36	Stephen 2:20,24	striped 37:6 105:9	submitting 113:21
STANNARD 3:28	55:11,25,37 57:43	101:5	strong 51:47 72:28	subpopulations
start 6:10 23:29,47	58:12 60:19 61:33	steps 16:43 17:24	73:1 91:29	13:24
30:35 40:35,43,45	61:41 63:22 79:2	17:40 50:8 69:14	stronger 100:25	subquota 59:16
47:36 60:33,44	106:22,28,46	96:9 105:17	strongly 67:27	71:23,43
62:29 63:34,37	107:2,10 108:35	157:17	76:25 142:18,35	subquotas 59:31
73:16,39,43 74:5	109:9 148:30	stern 160:48	156:28,45	71:34
74:7,24 75:28,30	158:5 162:45	Steve 2:11 3:17	struck 49:33,39	subsequent 52:42
86:44 101:33	statements 100:46	4:38 6:18,26	structure 15:12,30	57:9 59:28 72:16
111:45 119:18,29	100:46 103:18	101:7 120:21	structured 98:1	subset 129:27
123:47 132:46	105:46 107:20,28	132:23 136:36	struggling 49:16	subsistence 99:47
139:6,6	110:6	144:12	69:33 71:21	100:11
started 5:4,34	Staten 25:19	Stiller 2:38 7:30,30	Stuart 6:47	substance 103:19
47:48 49:39 65:29	states 3:35,44	147:40 154:14	studies 24:3	substantial 20:30
79:9 96:4,42	32:28 36:41,46	stock 12:2 15:7	study 15:42 26:19	29:26 54:44
97:12 99:23 102:6	37:1 41:26,47	21:23,25,34,40	26:30 27:4 29:19	substantially 24:34
119:29 149:20	72:31 101:27	30:2 72:22,32	29:25 91:21	158:11
152:24,30 156:13	102:44 110:19	88:30 103:36,47	stuff 41:4 44:30	substantiated
starting 33:32 48:5	111:9,12 113:38	121:8 123:46	70:44 82:11,34	144:41
89:20	113:43 116:11	124:1,10,40	84:7 85:22 95:7	substantive 71:2
starts 121:37	118:23 121:23	128:45 141:4,16	135:6 139:32	success 41:13,44
state 34:9,17,19	128:20,28 139:20	141:28,43 143:17	153:21,31 154:41	105:10
35:10 38:42 41:23	140:38 141:6,23	145:40,48 146:21	160:39 161:6	successful 26:8,39
41:27,41 43:36	142:42 147:33	146:25,31	stupid 133:42	succinct 9:7 80:10
52:37 95:13 99:6	156:18,39 157:21	stocks 43:2,41	154:46	sudden 61:5 139:27
100:21,22,22	160:41 161:34,37	Stone 104:31	surgeon 129:34	suffered 93:25
101:30 102:45	station 25:31 27:33	stop 24:5 26:9	sub 100:44 126:19	sugar 48:5
103:1 105:43	statistical 107:3	138:9	128:39 150:7	suggest 19:17 22:8
111:10 113:36,37	statistics 9:28	story 36:30 138:12	sub-alternative	98:32 100:33
114:6,9,11 115:4	status 12:2 20:22	strap 82:47	126:3,11,39	151:41
115:46 118:21,26	20:31,36 22:32,38	strapped 83:10	127:46 128:11,18	suggested 100:13
125:32,34 127:44	30:4 59:13 124:1	strategic 27:14	128:34,36	suggestion 38:1
127:45,47 128:2,6	124:10 140:23	strategies 19:30	sub-alternatives	suggestions 44:16
128:12,24,24	153:47	strategy 124:11	126:5	108:44 111:5
134:33,34,34	statute 128:24	straw 155:44	subcategory 71:15	suggests 73:38
137:40,40 139:41	136:41	streams 83:24	subcommittee	suited 104:10
140:14 156:14	statutes 20:47	103:39,41	97:26	sum 88:9
157:21	118:31,34 120:2	street 18:38 50:8	subject 38:17	summaries 46:28
state-managed	statutory 97:29	strength 69:16	115:32	112:22
110:23	136:45	strengthen 114:4	submissions 53:40	summarize 52:17
state-to-federal	stay 21:48 68:29	118:15	submit 12:10 22:1	85:38
100:25	85:33,34 163:19	strengthened	116:17 142:22	summary 33:23
stated 24:36 83:9	163:19	113:23 114:18	157:46	36:25,28 38:30
83:12 92:14	stayed 59:13	stress 16:46 85:22	submittal 115:21	46:16,31 51:6
statement 4:23	Staying 123:7	stressed 67:17	submitted 50:35	summer 10:32
9:42 12:5 48:41	stem 41:14	strike 60:35	61:34 62:4 68:10	13:21 17:38 102:4

summit 95:30,31 96:27 97:23	146:18	20:8 21:42 27:22	18:16 55:39 71:8	145:6 155:32
Sun 34:42	Suzanne 1:22 3:5	28:2,44 37:19,39	152:2	157:1
super 65:39	4:10 5:31,37	43:17 44:2,18	talking 9:26 17:29	telling 86:22 93:22
supervisors 46:29	29:34 81:18	46:14,15 47:22,35	44:29,39 47:37	100:4 147:44
supply 91:17	sweep 127:36	47:45 50:13,29	48:38 65:29 81:13	152:16
supplying 107:3	sword 47:9	53:18,24 57:34	82:10 83:34 86:47	temporarily 130:24
support 37:34	swordfish 9:30,40	59:18,30 60:36	88:7 89:45 102:17	ten 156:4
65:42 66:24 84:40	10:48 11:8 12:34	65:48 68:38 69:8	102:42 104:20	tend 5:35 28:34
108:33 142:18,35	18:5 19:10,23	69:14 70:8 72:44	105:41 108:4	45:24 50:41 99:32
143:15,20 156:28	22:15,18 23:5	84:42 90:11,16,32	119:29 132:28	tending 24:38
supposed 44:8 84:4	25:10 34:21 35:6	91:42 93:6,33	133:16 134:3,6	tends 25:1
110:15,16,18	35:20,25,27 39:7	100:37 105:16	136:9 139:8	tentative 37:13
154:40	44:45 45:32 47:12	109:33 110:38	160:35 161:38	tenth 67:23
sure 5:10,27 8:6,40	47:13,28 85:28	111:9 112:43	talks 27:7 89:17	term 96:23,41,44
12:11 13:19 16:2	109:19 120:7,18	114:7 116:27	tandem 83:17	99:30 129:41
16:8,23 18:46	sympathetic	119:23 123:27	tangible 103:25,27	147:8
22:23 23:19 29:42	144:17	124:35,35 131:13	tape 71:6	terminate 36:7
31:25,31,48 40:27	system 5:5,14	131:14 132:3	Tara 3:38 4:29	terminology
43:4,36 47:4	10:16 16:9,14,21	133:33 137:44	94:40	120:42
61:45 62:9 79:25	16:31 17:1 57:29	139:12,38 141:38	target 41:30	terms 8:34 10:43
84:32 85:9 87:46	57:31 66:2 80:47	148:4,34,35	targeted 53:34	18:17 20:5,17,27
89:12,12 90:39,40	88:18,25 98:8	151:15,36 152:16	151:9	22:17,43 32:28
92:22 93:7 94:14	110:16 149:40	155:14,36 159:48	targeting 31:8 39:2	43:14 44:27,31
123:3 126:29	150:5,25,32	takeaway 122:5	39:4,5,44 78:22	68:19 71:14,20
133:14 138:48	157:30 158:18	taken 16:43 17:24	127:40	76:3,15 79:39
139:5 140:26	systems 13:4 81:1	35:37 39:12,16,41	task 105:14	102:44 103:18
145:10 146:28	149:33	40:47 41:44 42:20	Taylor 2:39 7:1,1	120:3 129:36,37
147:2,29	T	42:39 46:47 49:9	44:37 46:34,36	130:7 143:15
surge 102:8,30	table 5:8 6:3 20:21	49:25 54:8 60:22	85:24 118:41	154:10
surgical 62:43	47:48 48:16 50:4	62:14 64:10 67:14	119:4 151:4	Terri 2:6 6:41
63:30	73:13,18 77:31	73:32 91:23	TBF 109:8,26	77:18,48 80:4
surprise 75:44	86:16 87:27 88:11	145:33	teaching 43:43	85:34 88:12
surprised 92:37	90:5 96:41 105:29	takes 118:37 148:7	team 35:10,33	116:40 118:19
surprises 18:18	106:3 107:13	148:8 157:38	94:42 95:11 98:48	119:6 151:44
surrounding	109:11 144:39	161:22	101:10	terrible 40:28
113:28 114:47	154:8	talk 5:17 8:20 9:36	technical 12:27	terribly 75:4
surveillance 116:10	tabletop 106:27	18:28 24:2 27:21	45:10,18,28 46:2	Territories 99:32
survey 35:33	TAC 51:13 124:4	30:39 32:35 37:12	46:11,38 148:38	territory 119:2
101:48	tackle 70:18 99:26	37:39,48 44:33	technique 38:23	Texas 7:20,22
surveys 124:6	99:27 103:29	48:27 49:4 73:40	technologies 76:30	35:43
survivability 88:7	tag 132:20	84:13 94:6,6,32	tee 102:14	text 142:29
survive 91:36	tagging 103:45	94:35 106:10,31	telephone 2:10	thank 5:33 19:40
137:43	104:2	106:33 111:26,30	3:34,36 159:28	20:21 21:10 23:41
sustainable 7:17	tail 153:29	112:38 123:48	telephonic 26:4	24:10 28:8 29:33
62:6 94:41 98:4	tails 37:46 158:42	139:33 156:1,2	tell 23:37 86:17	30:14,42 32:39,40
105:15 144:1	take 5:28 12:12,12	159:28 163:20	93:36 94:36	32:47,48 38:37
	16:38 19:1,33	talked 12:20 14:36	101:40 121:1	40:10 46:1 47:33

48:7,32 62:25,47 63:38 64:6 67:37 69:43 75:47 76:1 76:34 81:18 83:7 85:18 88:38 95:10 102:35 103:7 105:19,21 108:41 110:6 135:20 136:36 140:12 142:10,11,17 144:4 147:22 151:2 156:15,21 156:46,47 160:14 160:27 162:6,7 163:12,24,28 thanks 5:5 22:28 22:38 30:17 38:3 38:38,43 39:23 42:37 43:5 62:31 62:32 63:28,32 71:11 102:34 107:25 108:42 109:3 111:17 112:5 118:2 136:38 144:10 149:30 152:19,31 themes 96:12 100:20 Theoretic 27:36 they'd 130:16 148:24 thin 75:32 thing 5:14 16:31 18:40 27:31 36:41 43:23 44:38 45:22 65:27 66:25 74:28 74:44 75:1 78:21 78:33 81:15 86:17 86:35 88:17 94:48 101:17 102:6,40 105:48 107:13 108:3,12,43 109:21 117:10,40 133:34 135:2,36 136:28 145:26,37 147:44 148:15,22 148:48 153:35	154:15,15 155:3,4 155:29 157:46 159:5,20 things 5:8 8:26 9:20,22,23,27 15:24,48 18:3,6 18:21,34 19:24 31:8 32:44 39:41 40:36 41:34,39,44 42:48 44:18,26 46:17,27 47:38 48:15 56:20 61:32 69:30 73:45 76:31 79:33,34 81:16 82:12,20,25 83:8 86:12,14 90:7 92:34 94:36 95:6 97:22 101:28 102:19 103:27,29 103:46 105:16 106:3 107:26,33 107:40 108:33,39 109:33,36 110:5 111:28 120:2 122:18,21 133:5 133:45 135:32 136:13,34 138:6 141:35 144:22 147:28,41 154:8 157:8 160:10,35 162:48 think 9:16,22 16:7 17:18,28,35 18:20 18:42 19:12 20:28 20:33 21:25,29 22:7,9,21,24,30 23:18,27,40 29:20 29:25 38:7,20,35 40:32 43:26,33 44:10,11,21,47 45:47 46:46 48:40 49:13 50:14 61:46 62:3,15,17,18,48 63:21 64:38 65:32 67:27,38 69:26 70:26 71:4 72:27 73:27 74:9,13	75:16 76:6,35 78:8 80:32 83:41 84:12,25,26,27,44 85:10 86:15 88:48 89:32 90:22,31,37 91:19,20,35,38 92:1 93:26,27 94:21 95:42 97:7 99:36 100:40 101:13,17,34,47 103:2,23 104:9,20 104:41,43 105:9 105:12,15 106:5 106:36 107:12,27 108:4,10,35,36,47 109:10,44 110:2 110:10 118:48 119:14,14 120:19 129:3 132:33 134:21 135:39,45 136:6 137:19,20 139:6,7,12 140:4 140:27,37 141:6 141:21 142:26 143:10,16,27,32 143:38 145:9,13 145:32 147:13 148:22,23 151:7 154:9,9,40 157:17 158:14,16 159:47 161:24 162:1 163:24,25 thinking 15:18,31 17:39 22:14 67:26 78:41 98:21 99:19 103:24 104:14,22 104:45 107:13 108:7,13 110:45 135:7 161:21 third 12:42 52:47 94:14 125:1,34 126:26 thirds 60:20 THOMAS 3:31 thoroughly 65:44 thought 13:14 23:14 32:13 42:5	66:30,32,47 67:37 75:13,43 84:2 100:45 112:4 134:40 136:18,27 137:31 146:18 157:11 thoughts 9:1 22:16 48:23 51:4 100:32 101:5 102:36 112:7 140:8 155:46 156:7,8 thousand 36:27 78:29 thousands 39:10 thread 102:12 threading 14:14 threat 26:38,40 27:34 threatened 13:25 13:29,33,43 19:46 20:1,28,33,39 46:23 threatened/enda... 140:22 three 14:27 19:13 33:41 34:37 57:45 62:9 64:45,48 81:9 85:15 86:24 88:10 89:19 96:20 99:5 105:34 116:25 120:28 121:13 124:14 125:14 134:9 148:7,8 152:43 153:41 159:21,25 three-year 79:15 thresher 25:15,21 threshers 154:18 threshold 69:15 thrilled 119:10 throw 74:36,39 102:28 106:48 134:31 135:4,9,22 148:25,35 163:11 throwing 36:3 75:20 161:33 thrown 101:30	159:35,40 tickled 85:10 tied 66:44 101:23 ties 101:34,47 102:1 tiger 34:30 till 64:43 84:47,47 88:40 119:15 133:32 150:2 Tim 6:47 time 8:25 9:10 10:47 12:3,13 17:8 18:43 19:23 30:5 32:8 35:37 37:5,10 44:33 49:26,35 50:2,21 50:25,29 52:20 53:29 54:15 57:34 59:16,17,28,31 62:21,22 64:31 66:34 68:8,33 70:23,47 72:13 76:13,46 79:10 81:43 83:21 88:4 88:43 89:36 93:8 103:13,40 104:25 107:37,42 109:4 112:38 113:5 115:23,25 120:36 122:32,48 123:5 124:20,31 125:47 126:25,46 128:12 128:18 130:1,12 130:27,43,46 131:18,25 132:42 135:26 141:37 143:18,42 145:27 150:42 151:28,47 153:26 155:22 157:37 159:48 161:3 162:34,44 time-line 96:8 132:5 timeline 113:20 timeliness 51:26 52:3 53:39 84:28 times 48:48 110:19
--	--	---	---	---

130:35 132:35 145:19,20 148:7,8 157:38 161:20 timing 12:13 20:2,5 20:47 69:15 119:10 tiny 43:40 titled 89:3 today 9:34 11:19 33:8,12,17 36:34 42:12 66:22 67:9 89:25 91:19 92:23 93:3,21 155:39 160:22 162:12 today's 38:30 Todd 37:18 told 27:42 95:8 104:32 152:18 155:12 159:6 tolerance 10:40 Tom 51:1 61:47 67:33 86:7 tomorrow 8:19,29 9:35 11:18 18:11 18:15 88:39 113:5 116:12 154:7 163:28 ton 11:5,6 52:19 56:19,26 64:15,24 77:26 tonnage 57:48 117:19 tons 10:6,14,15,31 56:33 63:43,46 64:3,4,6,46 67:9 67:10,11,11,15 77:26 78:31 85:15 87:20,21 89:27,31 91:3 92:28 117:13 117:16 122:45 143:22 tool 81:48 83:21 tools 104:16,18,44 top 65:36 70:41 78:15 124:21,30 124:32 topic 144:13	torpedoes 93:44 total 22:5 30:7 72:30 122:28 126:38 127:27 totally 88:45 133:35 136:23 touch 9:21 51:10 53:6 73:36 96:1 105:4 155:26 tough 26:14 37:33 46:20 tournament 13:9 34:35,38 tournaments 7:20 7:43 9:48 12:44 13:1 44:13,13 99:26 town 97:32 99:7 100:1 track 19:47 47:45 78:19 tracks 79:23 traction 30:39 trade 14:24,28,29 16:14 18:2 trading 14:37 89:40 traditional 76:8,21 103:48 traditionally 140:48 training 34:45 transcripts 5:23,48 transfer 10:31 11:5 23:11,12 57:22 86:38 114:43 115:35,37,38 155:21,26 transferred 23:6 transfers 57:6 64:27,27 90:24,32 114:46 115:42 translate 111:34 transparency 98:10 106:32 transport 14:46 transship 113:40	118:42 transshipment 4:31 8:16 9:32 112:41,47 113:13 113:23,24 114:34 114:41 115:34 118:4 transshipped 113:26 transshipping 113:32 114:40 116:42 118:9 trap 65:10 travel 51:2 traveled 98:48 trawl 40:29 122:26 122:27 treat 39:26,27 46:25 treated 75:4 111:43 treatment 106:10 tremendous 21:26 43:43 92:10 trend 19:13 21:21 127:34 trends 54:20 triangle 131:34 tried 24:28 27:14 28:44 45:9 114:3 117:44 155:18 trimmed 62:40 Trinidad 118:44 trip 33:40 56:22,31 56:46,47,48 57:9 60:3 80:36 127:11 127:23,24 133:25 157:44 158:36 159:25 tripack 78:17 149:44 trips 35:35,37 83:28 95:18,20 127:2,2,5,19,19 127:25,26,29 145:9,17 trophy 10:28 60:7 60:19,28	true 57:10 60:13 92:25,25 104:4 152:44,45 truly 61:12 142:44 trumps 140:23 trust 86:48 87:46 155:36 truth 133:43 try 5:24 9:21 15:14 15:41 24:6 40:3 43:3 46:24 48:45 49:2 50:44 59:37 69:20 85:27 86:34 88:19 94:20 108:34 130:28 145:2,21 149:9,11 155:17 157:3 trying 9:19 16:8 25:3 27:29,31 44:42 45:23,25,48 46:38,42 49:12,34 49:36 51:2,15,20 51:25,33,34 52:7 52:11 53:42 57:18 57:30 59:8,14,40 59:43,48 60:5,25 60:35,36 61:14,17 63:5 80:10,31 82:43,43 83:32 85:32 90:6 91:46 92:5,27 102:16,23 102:31 104:5 106:1,37,38,44,48 109:18 110:24,32 117:19 133:41 136:44 137:5,17 137:43 138:7,17 138:35,44 140:41 141:7 145:33 148:44 154:10 159:28 tuna 4:21 6:31 8:13 9:42,48 10:17 18:13 34:3,21,31 49:19 51:16,41,48 52:1 53:33 60:17 64:41 71:38 74:10	74:39 85:6,16 89:13,19 91:1 114:43 161:12 tuna's 78:16 tuna-like 114:43 tunas 82:26 tuned 68:29 turn 5:19 48:30 51:44 56:5,10 57:41 62:18 78:35 79:43 95:7 100:31 turn-takers 9:10 turns 5:17 turtle 14:13 35:16 36:22 turtles 14:17 140:19,23 twice 146:41 Twitter 39:30 two 9:39 10:19,26 11:11 13:26 14:42 34:37 37:4 38:39 39:6,13 54:38 55:35 64:21,48 66:36 67:14,19,42 69:39 73:45 77:43 79:47,48 82:45 85:3,14 88:10 99:6 102:10 107:24 113:35 114:34 116:44,46 120:32 121:9 122:16,21,47 123:27,38 124:24 124:36 125:15,35 126:19 129:48 130:5,17,25,30,33 130:39 131:39 134:3,9,35 150:26 152:43 153:25 155:41 two-hour 130:48 139:47 140:1,3 Two-way 18:37 two-week 102:11 twofold 76:20 type 17:4 31:4,14
---	---	--	---	--

31:15 32:38 39:21
45:39 55:2 59:10
80:30 82:14,25
83:47 122:2
130:29,47 153:39
types 31:31 34:30
44:34 52:9 55:34
75:18 116:22
122:3,10 134:47
typical 26:1 31:15

U

U.S. 7:28 13:30
14:33,44 15:3,13
21:46 22:4,34,44
23:32 24:8 25:6
25:41 26:16 27:21
27:29 47:14 59:11
85:27 86:30 99:32
114:38 115:1,43
116:7 117:11
118:8,12,16,38,42
119:1,3,47 120:1
120:44 125:5
131:15,24,27,29
131:34,46 143:11
143:13 158:31
161:36
ultimate 12:48
ultimately 52:9
59:21 61:46 62:3
umbrella 106:24
108:31
unabated 123:8
unable 117:28,43
unaddressed 86:37
unanswered
162:40
unattended 35:13
130:24
uncertain 141:37
uncertainties
160:43
uncertainty 145:34
159:6
uncle 154:39
under-harvest
11:28 53:2

under-utilizing
85:14
underestimating
26:31
underlined 125:28
underneath 72:30
76:38 79:15
141:27
undersized 25:16
understand 5:46
28:25 32:30 36:42
72:3 74:43,46
75:27,34 83:39
88:33 89:42 91:14
97:44 98:29 103:9
110:24 122:2
133:47 135:18
140:41 141:7
143:23 147:2,15
149:41,45 150:25
151:17 152:40
153:23 155:19
understanding 6:4
8:5 41:11 96:46
117:4,14 142:38
understood 73:6
147:3
undertakes 137:1
undertaking
161:45
underway 20:23
124:2 143:35
undetected 143:6
156:38
undo 137:17
unenforceable
139:45
unfortunate 142:28
144:31
Unfortunately
153:39
unhappy 92:39
unharvested 51:35
Uniform 90:45
unique 4:32 8:16
50:38 112:41
113:15 114:35

115:11
United 3:35,44
72:31 116:11
118:23 156:18,39
160:41 161:34,37
units 17:20,27
universal 138:41
universe 16:18
56:5 58:5,9 142:6
University 6:29,39
7:38
unknown 30:4
153:47
unnoticed 50:5
unpreferred
128:34
unpublished 12:27
unregulated 114:1
143:45
unreported 114:1
unsafe 32:14
unsure 12:13
unsustainable
124:8
upcoming 13:40
18:8,12 147:33
update 4:28 8:23
9:19 10:47 14:3
15:16 17:40 18:11
25:5 33:11 94:25
94:40 108:47
updated 10:6 115:2
123:39,43
updates 4:13,16
8:10,11 9:17
13:17 19:10,38
20:2 23:1,29
32:43,46 36:34
upper 54:28 153:29
uptick 12:45
upwards 59:44
60:34
urge 156:45
urgency 118:13
usable 86:48
usage 87:20
use 5:10 8:39,44

12:24 25:4 30:2
30:14 55:26 61:11
62:21 72:46 81:26
123:26,39,42
129:13 131:11,45
141:39 150:38,46
151:41
useful 30:6,37
user 51:38 67:2,6
86:45 89:20 92:19
usually 39:38 43:22
45:9 69:22 77:47
78:28
utilize 46:16 53:5
84:48 85:12
147:30
utilized 71:43
87:17
utilizing 87:13
UVI 9:32 118:6

V

vacuum 97:13
Valerie 2:31 6:13
valid 34:14 104:40
125:32 127:44
valuable 126:35
value 29:14,15,28
32:33 76:11,14
103:9 104:48
105:5 106:20
125:16,36 151:12
151:21,22 152:34
154:5
values 30:10
152:32
variability 24:37
78:8
variables 92:6
variation 77:29
81:24
variety 92:11,44
97:14
various 19:38 23:1
34:30 51:38,47
52:18 53:29 56:35
60:43 77:33
101:27

vary 77:35 78:1
varying 63:25
vast 63:16 127:7
vehicles 34:12
vendor 17:7
vendors 17:10,18
Venice 35:12 36:20
verbally 25:33
verification 83:21
verify 77:11 83:23
83:45
Vero 131:37
versa 56:15 61:4
versions 65:33
versus 53:43 55:32
55:43 56:9 59:34
60:22 64:43 68:9
70:36,37 72:29,35
77:12 79:39 90:29
90:35,36 128:30
134:42 145:17
vessel 4:32 6:25 7:5
10:34 16:48 25:9
25:14,20,25,31,36
25:44,46 26:7,9
26:44 31:42 32:31
33:37 34:2 35:11
35:15,32,48 36:6
36:11,13 39:6
45:14 53:28,41
55:43 56:4,45
57:25,39 61:5,11
61:12 63:48 64:12
66:44 82:31 90:28
90:36 112:41,48
113:15 114:8,16
114:22,35 115:1
115:11 117:28,43
117:46 118:43
149:13,33,40
150:5,24,32
vessel's 36:5 57:2
vessel-level 53:32
vessels 8:16 10:24
17:17,23 21:16,27
25:41 27:39 32:7
47:11,11 54:42

55:48 56:21 58:10 58:13 59:3,4 63:16,21,23,41,42 64:5,45,48,48 66:39 67:14 70:13 70:14 71:5 76:9 78:3 79:47,47,48 79:48 80:23 89:32 99:25 111:22 113:30,33,40,42 113:44 114:20,27 114:39 115:8,12 115:43 116:39,44 116:46 117:10,16 117:25,36 118:32 118:42 vet 98:39 vetting 29:21 viable 83:43 vice 56:15 61:4 99:44 video 39:33 40:9,25 80:19 81:30,35,36 81:38,44,47 82:2 82:11,31 112:27 videos 41:14 82:27 view 76:4 87:36 101:31 105:10 147:11 views 5:46,48 8:39 9:3 18:47 41:45 violate 27:39 violation 33:16,33 34:26 35:16 40:8 41:12 45:1,2,18 46:11 47:22 129:6 violations 25:6,26 28:15,27,34,36,39 34:31 40:30,31 46:3,25,38 Virginia 34:29 121:25,40 136:30 139:26 virtually 103:21 vision 111:33 visit 102:39 visited 99:3,5,9	VMS 17:27 33:8,13 36:32 47:25,27 52:5 58:19,28 80:12,17 83:1 131:8,11,20,40,45 132:1 150:38,46 151:1 152:4,14 voice 49:3 96:38 volume 120:24 voluntary 59:5 102:27 vote 43:30,31,31 110:40 voting 73:19 voyage 25:11 36:7 VTR 136:5 VTRs 136:3 <hr/> W <hr/> wage 133:45 wait 133:4,32,37,39 145:39 146:19 waiting 64:43 139:1 waiving 117:40 walk 18:21 155:39 walking 75:32 112:26 WALLACE 2:25 3:30 Wally 7:35 Walt 6:39 Walter 2:14 93:21 want 8:8 18:46 20:12 21:6 29:5 37:27,45 38:1,36 39:45 40:15 41:14 41:46 43:8,24 44:30,37 45:29,41 47:4,46 48:16,18 48:27 49:1 50:1 65:18,20,31 67:1 67:21 69:5 75:37 75:38 79:8,14 82:17,18 83:33 85:11 88:42 91:42 92:46 94:35 95:6 95:39 98:29	100:24,33 101:9 102:41 104:8,13 105:22,25 106:47 107:8,22 109:3 111:9 112:14,42 118:14 119:23 135:19 138:47 141:18,36 148:34 151:4,32 154:6 156:1 158:28 159:3 160:13,32 163:11,15,19 wanted 5:22,33 13:6 17:41 22:12 25:33 26:13 32:3 41:20 44:6,25 61:44 65:25 66:29 83:6 92:40 94:29 94:37 98:19 109:24 112:38 119:30 136:37 142:18,46 143:34 143:43 147:2 157:7 160:17,34 wants 22:11 94:5 154:42,43 war 160:7 warm 121:35 warned 33:42 warning 35:7 46:32 68:48 warnings 46:16 warranted 20:33 20:37,38 54:45 WARREN 3:31 Washington 104:29 wasn't 23:19 41:19 45:19 63:13,15,26 72:10 118:12 138:28 145:6 150:40 153:12 154:40 waste 92:29,29 wastefulness 60:26 wasting 151:47 watch 22:7	watching 21:24 water 6:42 27:9 29:3 32:9 39:11 39:17 40:37,39 43:17 44:1,2,5,9 58:32 121:44 123:11 waters 5:41 14:16 14:44 25:42 38:43 47:13 100:21 110:18,22,23,31 111:6 120:45 121:35 140:14,15 156:42 wax 105:32,34 way 17:15 23:27 33:31 37:32 39:38 42:23 43:44 47:16 47:16 49:40 64:7 64:9 65:6 66:27 66:32 67:2,24 74:4,18,20 75:19 78:42 83:12 85:21 86:17,31 87:37 93:46 95:2 96:31 96:37 98:1,30 101:14,35 103:30 104:14 109:32 130:20 133:11,42 134:7,30 136:34 137:34,46 138:1,2 143:47,48 145:34 147:11 148:9 151:37 159:19,36 159:42 160:43 ways 43:38 76:26 104:1 137:2 wayside 66:37 93:30 we'll 5:28,34 6:9 8:19,20,37 9:16 9:36 10:46 11:18 13:5 15:43 18:10 28:7 44:32 50:43 70:8 93:7,9,48 96:21 98:36,39,41 110:3 111:4,11	119:17,24 120:4 125:10 128:37 133:1,26 144:8 154:6 159:46 163:22 we're 5:9,27 7:47 8:8,39 9:34 11:15 11:26,31,35 12:3 12:11,13,26,30,35 12:40 13:3,11,46 14:10 15:26,30 16:8,25,28,35 18:19 20:44,46 21:12,47 22:45 24:22,22,44 25:3 26:23,33 27:31 29:3,6,21 30:26 33:11 36:25 39:33 44:19,29 46:37 47:3,21,35,36 48:4,11 49:12 52:39 57:30 62:23 69:36 71:1,21 72:38 73:11 75:20 75:32 79:10,33,34 82:47 83:3 84:25 84:27,48 86:5,18 86:47 87:10 88:6 88:15,16,16,26 91:27 92:45 93:43 93:46 94:3,24,30 94:38 96:9,10 97:13,15 98:26,28 98:29 101:44 103:35 104:6 106:23,34,39,41 106:44 107:29 108:33 110:32,33 111:15 113:1 115:36 116:13 117:19,23,35 118:10 120:2,11 120:11,19 123:21 124:12,30 125:47 126:24,45 128:17 128:45 130:26,42 132:10,14 133:16
---	--	---	---	--

134:44 137:3	36:31 51:7 98:34	132:3	76:32 150:33	worthless 74:19,27
138:13,14,44	117:6,7 132:16	whales 132:2	157:48 160:16	133:46
140:41 141:2,6	157:22	whatsoever 85:46	woods 104:32	wouldn't 57:24
143:44 144:6	websites 39:35	Whitaker 2:42 7:3	152:1	65:42 78:26 91:45
145:48 146:26	WEDNESDAY	7:3 31:36,38	word 93:11 125:34	133:44 141:41
147:4,45 149:27	1:14	32:20,37 84:15,15	135:44 138:23,23	142:6
150:47 153:8,18	week 16:7 72:3	white 49:43 65:30	155:36	wow 7:45 106:41
153:19,30 154:44	74:34 116:14	65:47 81:20 85:6	words 65:2 118:43	wrap-up 8:28
155:24,33 157:15	148:11,12 155:40	whitetip 14:21	134:42	wrapped 94:30
159:12,30,34	weekend 152:3	whole-fin 14:13	work 15:26,34	writing 110:11
161:30,33	weekly 16:33,39	wholesale 34:14	16:25,40 27:6,10	written 35:7 46:16
we've 6:6 9:44	weeks 98:36 157:39	wi-fi 9:12	29:18 32:23 34:7	46:29,32 104:27
10:17 11:10,39	weigh 144:39	widely 143:2	39:37,38 43:1	134:30,39,39
12:35,46 15:11	weighed 34:39	156:32	44:20,42 50:43	135:17,19 142:22
17:7 18:16,41,42	145:38	wild 21:2	57:30 62:37 65:32	142:33 145:35
19:19 24:26,28,39	weighing 30:20	Wildlife 6:46 7:23	67:41 68:46 69:1	wrong 31:13 42:24
25:7 26:1,10,18	43:29	7:34 14:33 15:4	75:33 84:37 85:38	66:15 68:7 75:14
27:35 30:28,30	weight 30:2 56:32	35:43,46 36:10,15	86:28,32,39 88:26	75:15 155:10
31:25 36:28 44:41	77:34,35 122:45	41:28	137:41 142:12,40	wrote 95:25 104:22
44:44 48:6,40	151:10 158:5,6,7	WILLIAM 2:13	143:12 155:1	www.regulations...
49:12,14,34 50:20	158:13,17,19,23	willing 44:23 73:3	160:45	116:18
54:13 57:12 59:17	158:32,34,36,37	73:7	worked 16:41	
60:10 64:10,29	158:37,39,43,47	Willis 2:11 6:27	76:32 84:20	X
65:33 69:19 72:45	weights 30:7 56:34	WILSON 3:32	148:11	x 29:11 68:8 122:3
80:32 81:8 82:23	81:42	winded 62:34	working 12:14,47	127:12
84:32,33,35 88:44	Weiner 2:41 7:24	window 49:2 60:47	13:4 14:10 15:28	Y
96:13 97:13,17,19	7:24 73:35 74:9	61:35 68:2,6,12	15:31 17:31 27:12	y 127:18
97:20,30,32,40	75:42	68:31 69:46	27:23,35,43 35:41	y'all's 138:7
98:37,47 99:6	weird 157:28	134:10	50:47 58:24 92:47	yanking 67:5
100:16,17,20,26	welcome 4:9 32:8	winner 162:5	97:33,34,34	yard 51:3
105:40 106:40	welcomes 8:9	winning 34:38	117:23 138:13	year 10:22,35
111:7 119:11	well-managed	winter 72:13 89:3,4	159:30 162:28	11:11,26 12:37,38
131:25 133:4,12	144:1	121:36,48	works 112:44	17:48,48 19:15,19
135:5 137:13	went 19:12 23:20	wintertime 12:33	161:4	23:8,47,47 24:15
140:47	47:42 66:39,40,47	133:1	workshops 9:43	24:17,18,21,22,26
weak 55:34 156:41	88:11 94:17	wipe 74:40 75:9	14:11	24:29,35 25:39
weather 32:16	102:39 119:26	wire 9:35	world 86:32 144:18	26:1,11,19,26
74:14 75:19 78:7	134:29,30 137:34	wireless 5:6	144:32 147:44	29:43,43 30:18
web 33:21 96:2	142:13 143:26	Wisconsin 1:21	worldwide 143:14	31:27,32,33 52:32
Weber 2:40 7:42	163:30	wisdom 145:39	worried 66:48	52:42 57:25,26,40
7:42 116:30,37	weren't 38:21	wish 27:45	worry 155:13,16,20	59:19,20,23,24,27
webinar 99:6	69:30 70:2 140:2	withstand 66:25	155:20,34,35	59:30,34,37 61:6
116:13,15 119:13	west 36:12 128:30	witnessed 101:41	worse 88:31	63:43 64:27,42,43
160:17,19	128:32,35,41	wonder 43:9 93:39	worth 54:10 75:5	74:21,44,48 75:2
webinars 99:7	western 16:9 54:18	wondered 36:40	133:44 145:6	78:33 81:20 84:42
112:25	54:24 100:8	wondering 19:16	147:41 151:13	84:46 85:4,5,8,14
website 33:27	Whale 131:13,14	19:25 28:26 31:3	154:19,21,25	87:7 90:9 92:28

95:29 101:38	0.125 56:32	12 25:15 26:23	157:39	2016 114:29 115:15
116:31 121:18	0.25 56:34	71:33 125:37,42	2,000 133:19	21 10:20,28 160:48
123:30 124:28	0.37 57:46	125:43	2,100 36:8	22 11:1
153:41,44,48,48	06 54:16	12-06 113:9,22	2,400 50:38	23 4:18 145:1
154:34 155:23,24	07 54:17	118:4	2,500 11:6	24 98:47 109:23
155:37 157:8,14	09 49:40	12-07 113:9,34	2.3 89:37	113:30 130:35,46
157:33 159:26		12-month 69:46	2:05 94:18	24-hour 129:48
162:26,44 163:6,7	1	84:36	20 13:42 31:41	25 10:15 13:9 56:19
year's 39:3 54:10	1 10:21,45 11:22,24	12:30 8:29	36:28 90:18	56:26 64:17
78:39	14:27 24:38 60:35	120 4:37	114:27 115:13	122:28 126:17,38
year-round 78:4	73:39,43,44 74:3	13 9:43 11:30 24:15	117:11,11 133:27	133:24 135:28,30
years 5:39 11:11	74:7,24 91:7,7	24:17,23 25:8,39	134:15	262 9:47
12:36 13:14 19:14	98:25 114:29	13-13 113:9 114:25	200 75:7 77:35 87:7	27 155:9
24:30 29:47 33:40	115:15 139:22,24	135 58:13 89:33	87:21 133:27	282 34:39
49:14,18,43 54:16	142:35 149:20	137 89:27,31,37	2002 95:18	
54:26 61:2 67:36	159:19	14 9:40 11:28,30,35	2003 131:19 152:5	3
89:14 91:46 92:31	1,000 26:25	12:40 23:47 30:18	2004 123:43	3 24:24 63:31 97:32
97:19 105:19	1,133 29:1	63:23 66:23	2006 54:12 56:2	101:18 109:27
106:16 108:6	1,400 24:46	116:21 160:48	78:48	122:17,22,44
123:16,26,31,40	1.2 57:46	140.8 10:6	2007 122:47 123:42	123:14,24,37,41
123:41 124:23,35	1.5 89:37	15 10:31 15:44	2008 121:20	124:17,34 133:33
135:31 138:2	1.64 77:26 78:31	34:12 47:39 60:34	2009 65:28 121:20	139:14 143:21,28
143:24 149:19,35	1:00 94:17	60:41 74:5 79:43	123:16 124:18	143:32
149:36 152:22,39	10 1:15 5:39 6:7	84:47 127:17	2010 17:38 22:35	3,000 133:20
153:15,41 156:26	47:39 60:46 64:38	133:3,17 150:2	96:27 121:21	3,500 133:24
160:38 161:13	72:45 81:45	15-minute 47:35	123:17 157:9	3:05 119:26
yellow 11:12 127:4	124:35 127:17	150 11:4 37:26	2011 54:13 65:29	3:30 119:15,19,24
yellowfin 21:13,37	149:19 153:1	155 4:40	122:25 123:17	3:34 119:27
21:47 22:4 34:2	154:33 157:38	15th 74:3 75:24,25	124:19	30 50:16 64:15,45
34:31 83:35	10-12 134:38	16 77:25	2012 11:12,33	69:23 89:14 132:9
118:45	10,000 133:19	161 58:9	17:30 24:35,46	133:27 152:22
yesterday 11:44	161:27	17 80:12	54:13 56:3 78:48	153:15
17:1 33:14 36:33	10:48 47:42	18 80:11	85:26 114:3,18	30-day 61:35 68:2
153:39	100 10:44 28:45	188,000 61:48	129:17,29 130:7	68:12,21,31
yield 152:48	74:36 75:7 80:22	19 80:45 82:23	130:11 131:6	116:23
York 6:33 121:25	80:38 82:33,38,39	190,000 50:34	2013 11:3,14 24:33	300 77:35 120:8
121:43 136:30	84:9 88:1 91:3	1977 104:27	24:45 28:41 33:31	158:12
139:24	117:13,16,25	1982 66:2	35:34 78:40	31 68:4 69:48 71:22
York-based 33:37	126:40 127:38	1997 161:6	120:13 121:18	71:26,42 72:4,10
YouTube 39:30,47	135:11 148:12	1998 122:47	123:13,43 124:14	72:15,17,18,25
40:23,29,40 41:13	150:11	1b 71:33	2014 1:10,15 9:30	73:25 84:46 88:46
	100,000 88:2	1c 71:41	11:14 12:36 19:15	31st 73:28 84:48
Z	11 10:29 47:36	1st 75:28 76:28	30:9 78:40 96:27	32 68:4
zero 35:29 86:2,3	84:45 95:17	85:17	116:6 123:45	33 4:19 34:2 68:4
86:25	127:17		2015 9:31,33 11:17	34 64:3,4 67:10
zoomed 131:33	11:00 94:35	2	18:14 98:44	35 48:3 105:19
	11:08 47:43	2 14:23,28 24:11	124:27 132:8	38 9:44
0	112 4:33 25:40	94:4,12,20,23		39 60:9 121:7 124:2

128:44	49:48 51:11 63:47			
<hr/> 4 <hr/>	64:40 66:23 73:26			
4 25:5 31:41 63:42	80:5 85:26,29,41			
81:23 133:33	88:14 91:33,39			
145:19	99:4 112:39 159:3			
400 158:11,13	159:42 160:36,42			
41 29:43 30:9	161:8,44 163:16			
45 49:45 61:1	70 132:28,41			
161:17	700-plus 62:16			
486 16:32	715 143:21			
49 4:24	715.5 122:45			
<hr/> 5 <hr/>	72 95:18			
5 4:9 6:6 25:19	73 10:40			
29:41 31:41 63:42	75 82:36 126:28,47			
80:34,43 127:14	127:3,5,9,21			
127:15,35 145:19	132:27,41 133:2			
145:19 153:1	137:21			
5-10 147:46	750-some 84:18			
5,000 133:19	<hr/> 8 <hr/>			
5.5 134:46	8 23:8 27:7 63:43			
5:09 163:30	63:46 64:5,24			
50 87:23 125:37,41	65:1 67:9 76:39			
133:28,32 135:28	82:35 83:26 153:1			
137:27 145:45	161:1 162:32			
146:10	8:30 8:20 163:28			
50-some 148:42	80 68:48 91:3			
500 77:34	139:17,27 149:18			
54 37:25	80-90 147:45			
5b 11:46 18:9 20:43	800 41:9			
<hr/> 6 <hr/>	80s 108:17 152:26			
6 8:21 18:10 26:13	81 10:41 79:9			
28:30,40 61:36	8120 1:21			
67:15,44 84:17	<hr/> 9 <hr/>			
127:17 154:7				
60 91:3 132:28,41				
133:17				
65 132:28,41				
68 14:16 52:19				
87:20				
<hr/> 7 <hr/>				
7 4:21 8:12,47 9:42				
18:13 19:27,31,34				
26:44 47:5,37,47				
48:13,23,39 49:47				

C E R T I F I C A T E

This is to certify that the foregoing transcript

In the matter of: Atlantic Highly Migratory Species
Fall 2014 Advisory Panel Meeting

Before: NOAA

Date: 09-10-14

Place: Bethesda, MD

was duly recorded and accurately transcribed under
my direction; further, that said transcript is a
true and accurate record of the proceedings.

Neal R Gross

Court Reporter

NEAL R. GROSS

COURT REPORTERS AND TRANSCRIBERS

1323 RHODE ISLAND AVE., N.W.

WASHINGTON, D.C. 20005-3701