

U.S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC
ADMINISTRATION

NATIONAL MARINE FISHERIES SERVICE

+ + + + +

HIGHLY MIGRATORY SPECIES ADVISORY PANEL

+ + + + +

MEETING

+ + + + +

MONDAY
SEPTEMBER 9, 2013

+ + + + +

The Advisory Panel met in the Sheraton Hotel, 8777 Georgia Avenue, Silver Spring, Maryland, at 9:00 a.m., Scott McCreary, Facilitator, presiding.

PANEL MEMBERS PRESENT:

PAMELA BAKER
TERRI BEIDEMAN
RICK BELLAVANCE
ANDRE BOUSTANY
RON CODDINGTON
SONJA FORDHAM
WILLIAM GERENCER
WALTER GOLET
RUSSELL HUDSON
ROBERT HUETER
STEVEN JAMES
WALLACE JENKINS
DAVID KERSTETTER
GERALD LEAPE
SHANA MILLER
KENNEDY NEILL
JEFF ODEN (proxy for Sean McKeon)
TIM PALMER
ELLEN PEEL

RALPH PRATT
RICHARD RUAIS
ROMULUS WHITAKER
MARK SAMPSON
SCOTT TAYLOR
STEVEN THOMAS
PERRY TRIAL
MARK TWINAM
RICK WEBER
CHRIS WEINER
ALLAN WILLIS
ICCAT REPRESENTATIVE:

JOHN GRAVES

STATE REPRESENTATIVES:

MARTHA BADEMAN, Florida Fish and Wildlife
Conservation Commission
RANDY GREGORY, North Carolina Division of
Marine Fisheries
CARRIE KENNEDY, Maryland Department of Natural
Resources

COUNCIL REPRESENTATIVES:

DAVID CUPKA, SAFMC
DEWEY HEMILRIGHT, (proxy for Stephen Linhard)
MAFMC

FACILITATOR:

SCOTT McCREARY

NOAA FISHERIES OFFICE OF SUSTAINABLE FISHERIES
HIGHLY MIGRATORY SPECIES DIVISION CHIEF:

MARGO SCHULZE-HAUGEN

T-A-B-L-E O-F C-O-N-T-E-N-T-S	PAGE
Welcome, Introductions and Agenda	
Overview by Scott McCreary, Facilitator	5
Overview of Recent Activities/General	
Updates, by Margo Schulze-Haugen	8
Rulemaking not otherwise on the	
agenda	10
Litigation Updates	12
ICCAT Updates	13
CITES Updates	13
HMS Research Plan Update	13
Questions/Comments	17
Electronic Dealer Reporting Update	
by Delisse Ortiz, HMS Staff	22
Questions/Comments	26
Endangered Species Act Updates	
by Maggie Miller, Office of	
Protected Resources	31
Scalloped and Great Hammerhead	
Sharks	32
Dusky Sharks	34
Whale Sharks	34
Questions/Comments	35
Enforcement Update, by NOAA Enforcement	
and USCG Staff:	
USCG Atlantic HMS Update	
by Katie Moore, USCG	42
Questions/Comments	46

HMS Enforcement Overview
 by Meggan Engelke-Ros,
 NOAA Enforcement Staff 51
 Questions/Comments
 53

HMS Enforcement Briefing
 by John Reghi, NOAA
 Enforcement Staff
 66
 Questions/Comments
 68

Opening Remarks for Afternoon Session
 by Margo Schulze-Haugen,
 HMS Staff 70

NMFS Leadership Update
 by Samuel Rauch, Acting Assistant
 Administrator for Fisheries
 ... 70
 Questions/Comments
 73

Final Amendment 8 on Commercial Swordfish
 Management Update by Rick Pearson,
 HMS Staff 85
 Questions/Comments
 93

Draft Amendment 7 on Bluefin Tuna
 Management, by HMS Staff
 Overview Presentation 109

Public Comment 150

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

2 (9:11 a.m.)

3 MS. SCHULZE-HAUGEN: Good morning
4 everyone. Hopefully, everyone can hear me.
5 Hopefully I didn't just blast you all out. So
6 if folks could take their seats, we will go ahead
7 and get started. So thank you, everyone, for
8 coming bright and early, and traveling on
9 Sunday.

10 I know that that's not preferred,
11 but we needed a good long meeting to get through
12 everything that we've got. So I appreciate your
13 coming in on the weekend. And so with that, I
14 will hand it over to Scott.

15 MR. MCCREARY: All right. Good
16 morning everyone. Margo, as she said, is very
17 glad to see all of you, as I am. It's been,
18 actually, several months since our last meeting.
19 We met in January in Silver Spring.

20 And we have a very full agenda. We
21 have a four-day agenda and many important issues
22 to get through, so what I'd like to do is a quick
23 agenda review and touch, very briefly, on ground
24 rules, and then we'll go around the room and do
25 self-introductions.

26 So our meeting today is a mix of
27 briefings and deliberation, as always. We have
28 a whole series of updates today, very strong
29 updates.

30 Margo will lead off. We'll then
31 follow with an Endangered Species Act update,
32 and an eDealer Reporting Update. We'll also
33 hear from Katie Moore, from the Coast Guard, and
34 other Enforcement updates, as well.

35 We have an update from NMFS
36 Leadership, this afternoon, then we'll take a
37 look at what's going on with Final Amendment 8
38 on Swordfish. And we'll have our first, of
39 several conversations, on Amendment 7 on Bluefin
40 Tuna, so we'll introduce that topic today.

41 We'll take a series of clarifying
42 questions and start a brief conversation this
43 afternoon, but tomorrow, really is the day that
44 is allocated to Bluefin Tuna discussion.

45 We have a whole series of
46 presentations. It's been broken up into kind of
47 a modular approach. And then in the afternoon,
48 we'll have a series of three breakout sessions.

1 And we'll strive to have broad
2 representation of each interest group in each of
3 those breakout sessions, as an opportunity to
4 elicit your ideas and responses to the elements
5 of the Rule that's shaping up.

6 We'll then pivot to other topics on
7 Wednesday. We'll have a Shark Management
8 update on Amendment 5a and 5b, the Recreational
9 Action Agenda update, the U.S.-Bahamas Maritime
10 Boundary, and the Shark and Billfish
11 Conservation Act updates.

12 I will note, that on Wednesday, we
13 have a hard adjournment time at 4:30 p.m., that's
14 because another group has this space. Our final
15 day on Thursday, we'll turn to VMS,
16 International Trade Updates, and a compendium of
17 HMS Management Measures, and of course, the
18 usual wrap-up, that Margo does at the end of the
19 meeting.

20 So just a few ground rules that we'd
21 like to touch upon. Obviously, we have a lot of
22 topics and many interests around the table, we
23 would like you to please be concise and share air
24 time.

25 When we really call for clarifying
26 questions, take that seriously, and do pose
27 important clarifying questions, and know that
28 there is time for deliberation and response to
29 the topics, as well.

30 We ask that you silence your cell
31 phones. And a couple of kind of logistical
32 notes. There is coffee on this floor.
33 Apparently, it is for the whole hotel, so you
34 certainly can have access to that, but just be
35 aware that it is shared for the whole hotel. I
36 do understand that the Starbucks, downstairs, is
37 open long hours now. It's quite a nice
38 facility.

39 A small detail some of you may have
40 noted, that your credit card has been charged for
41 your room, the Agency is working on that and
42 expects to straighten that out in the next day
43 or two. So I think that's pretty much the key
44 overview. Margo, anything else, before we go
45 around the room?

46 Okay. Well let's begin with you,
47 Dave.

48 MEMBER KERSTETTER: Good morning,

1 everyone, David Kerstetter, Assistant Professor
2 at Nova Southeastern University Oceanographic
3 Center.

4 MEMBER TAYLOR: Scott Taylor,
5 Dayboat Seafood, Commercial Sector.

6 MEMBER PALMER: Tim Palmer, Believe
7 You're a Fisherman, Fisherman, Stuart, Florida.

8 MEMBER LEAPE: Gerry Leape, Pew
9 Charitable Trust Environmental Center.

10 MEMBER RUAIS: Rich Ruais, American
11 Bluefin Tuna Association.

12 MEMBER PRATT: Ralph Pratt, General
13 Category Tuna Fisherman.

14 MEMBER JAMES: Steve James, Boston
15 Big Game Fishing Club, and Sail Bike and Bing
16 Charter Boat.

17 MEMBER GOLET: Walt Golet,
18 University of Maine, Gulf of Maine Research
19 Institute.

20 MEMBER WEINER: Chris Weiner,
21 Bluefin Harpoon, near Portland, Maine.

22 MEMBER BELLAVANCE: Rick
23 Bellavance, Charter Boat Operator, from Rhode
24 Island.

25 MEMBER BEIDEMAN: Terri Beideman,
26 representing Blue Water Fishermen's
27 Association.

28 MR. JENKINS: Wallace Jenkins, from
29 South Carolina Department of Natural Resources.

30 MR. TRIAL: Perry Trial, Texas
31 Parks and Wildlife Department.

32 MEMBER TWINAM: Mark Twinam,
33 Fishing Vessel, Captain Tate, and his Southern
34 Offshore Fishing Association.

35 MR. ODEN: Jeff Oden, proxy, Sean
36 McKeon, NCFA, and I'm a commercial longliner
37 from Hatteras.

38 MEMBER WHITAKER: Rom Whitaker,
39 Charter Boat in Hatteras, North Carolina.

40 MR. GREGORY: Randy Gregory, North
41 Carolina Division of Marine Fisheries.

42 MEMBER CUPKA: David Cupka, South
43 Atlantic Fisheries Management Council.

44 MEMBER PEEL: Ellen Peel, the
45 Billfish Foundation.

46 MEMBER WILLIS: Allan Willis, Rec
47 Rep, Florida.

48 MEMBER THOMAS: Steve Thomas,

1 Recreation, Louisiana.
2 MEMBER BAKER: Pam Baker,
3 Environmental Defense Fund, out at Texas.
4 MEMBER KENNEDY: Carrie Kennedy,
5 Maryland Department of Natural Resources.
6 MEMBER SAMPSON: Mark Sampson,
7 Ocean City Charter Boat Captains Association and
8 Ocean City Shark Tournament.
9 MEMBER FORDHAM: Sonja Fordham,
10 Shark Advocates International.
11 MEMBER HUETER: Bob Hueter, Mote
12 Marine Laboratory.
13 MR. GRAVES: John Graves, Virginia
14 Institute of Marine Science, here representing
15 the ICCAT Advisory Committee.
16 MEMBER NEILL: I'm Dr. Ken Neill,
17 Peninsula Saltwater Sports Fishermen
18 Association, Associate Commissioner of Virginia
19 Marine Resources Commission, IGFA
20 Representative, and John Graves' Dentist.
21 MEMBER WEBER: Rick Weber, South
22 Jersey Marine and Tournaments.
23 MEMBER BOUSTANY: Andre Boustany,
24 Duke University.
25 MR. HEMILWRIGHT: Dewey
26 Hemilwright, proxy for Steve Linhard,
27 Mid-Atlantic Fishery Council, and also a
28 commercial fisherman.
29 MEMBER HUDSON: Rusty Hudson,
30 President of Directed Sustainable Fisheries,
31 Commercial Rep.
32 MEMBER BADEMAN: Martha Bademan,
33 Florida Fish and Wildlife Conservation
34 Commission.
35 MEMBER GERENCER: Bill Gerencer.
36 MR. MCCREARY: -- the size was just
37 illustrated. Use your microphone, and related
38 to that, introduce yourself when you make a
39 statement, because our court recorder really
40 needs to lock on to who is making the statement,
41 so we have as accurate a transcript as possible.
42 So with that, Margo.
43 MS. SCHULZE-HAUGEN: All right, so
44 yes, the first thing I'll note is, I think we'll
45 move some microphones around, at least, get one
46 or two over here.
47 We've got them over here, so folks
48 may need to fill in to the sides so we can move

1 these. We actually don't bite, you can sit up
2 here, if you want, but we'll move the microphones
3 around.

4 And so just a couple of other staff
5 notes. Folks that you are not seeing here with
6 us are, Mike Clark, who is now working for the
7 Department of State. That has been a long-time
8 dream of his, so he was successful this year.

9 And then also, Jackie Wilson is
10 about to have her second child, so she's not
11 here. The little pink cards you see going
12 around are for her. She's having a girl. At
13 least, we hope she's having a girl.

14 And, I don't know if everyone knows,
15 but Greg Fairclough is not with us any longer,
16 he left the Federal Government, and wanted to
17 point out that, Cliff introduced himself, he's
18 our current Sea Grant fellow, so one of our
19 long-standing fellows.

20 And with that, so I'll give you the
21 overview here, which is essentially what we've
22 been doing for the last nine months or so,
23 focusing, since we met last, in January.

24 But I do want to note, that this is,
25 I know, the first full meeting that we've had in
26 about a year, so there's been a lot that's
27 happened since we last met, for any length.

28 And so what I'm trying to do here,
29 is get everyone up on the same page. Some folks
30 pay more attention to some things than others,
31 so this is the high-level snapshot, looking at
32 kind of some of our numbers.

33 And I'm not going to go into any
34 detail on things that we will discuss later in
35 the Agenda, but if you have questions, please
36 feel free.

37 And so our high-level statistics, we
38 have done, I think, four Final Rules and five
39 Proposed Rules, since January, including
40 releasing Draft Amendment 7.

41 We got your input on Shark Amendment
42 5, that was what we met on in January, and then
43 AP Comment came in after that.

44 We have overseen 24 workshops, which
45 is, you know, the Protective Species Handling
46 and Release, as well as Shark Carcass
47 Identification.

48 We had the public conference call on

1 HMS Recreational Issues, that's feeding into the
2 update to our Recreational Action Agenda.

3 Our eDealer, the Electronic Dealer
4 Reporting System, which had been live for about
5 eight days, I think, when we met, is now fully
6 up and running. It's a pretty intensive effort
7 for us, but it's showing a lot of benefit.

8 And then, we've also initiated the
9 HMS For-Hire Cost Earning Survey, that some of
10 you have probably been a part of. We've issued
11 35 EFPs, five Shark Research Fishery permits,
12 registered about 220 tournaments, and we have
13 about 4,400 people on our Electronic Listserv.

14 So again, covering things here that
15 aren't on the agenda, later. We have our
16 Bluefin Tuna Specifications, that published in
17 June. And we have a handout in the back, if you
18 want some of the details on the numbers that
19 covers the last several years, so if you want the
20 details, there.

21 And then we've also had a number of
22 in-season actions, specifically, for the
23 General Category, Retention Limits, as well as
24 the Angling Category, Trophy South Closure, as
25 well as the Longline Category, North and South
26 Closure, effective June 25th.

27 For swordfish quotas, this final
28 rule published mid-May, established, both the
29 North and South quotas, for the U.S. We have
30 carry forward, and then that's maxed out at 25
31 percent, as well as the transfer to Morocco.

32 For shark specifications, this was
33 a rule that just came out, for 2014, where we
34 proposed to open all fisheries on or about
35 January 1st. We have adjustments to a couple of
36 species, based on underharvest, and then a
37 couple of other species, based on overharvests.

38 Recall, that we only carry forward
39 under-harvest, if there's no over-fishing, it's
40 not over-fished, or it's not unknown, so it's
41 known to be healthy. And so that would be the
42 Gulf of Mexico blacktip and non-blacknose small
43 coastal.

44 This is under the new Amendment 5a
45 Rule, so we have some new categories breaking out
46 some of the Gulf species from the Atlantic.

47 And then we have the regional
48 overharvest to account for, for blacknose. And

1 we are proposing, for porbeagle, that we would
2 make up for the last of the overharvest in
3 previous years. This comment period ends on the
4 23rd.

5 So this is hard to see. Point
6 being, most of the quotas are not adjusted, but
7 you do see one increase for Gulf blacktips, and
8 then increases for non-blacknose, but then some
9 decreases for blacknose, and then porbeagle.

10 And I would note, that the
11 overharvest for blacknose are proposed to be
12 spread over five years. This is similar to what
13 we did with large coastals a few years ago.

14 And that's in part, because the
15 overharvest would have meant, if we took it all
16 off in one year, a very, very small quota, and
17 so we're proposing to spread that out to reduce
18 that reduction.

19 And so this year, for sharks, the
20 fisheries all open January 1. The Gulf of
21 Mexico blacktip, again, this is under Amendment
22 5a Rules, close July 7th, and then Gulf of Mexico
23 aggregated large coastals, and Gulf of Mexico
24 hammerheads close July 17th.

25 We did exceed a little bit, the
26 aggregated large coastals, so that would need to
27 be adjusted. And then most recently, we
28 transferred 68 metric tons of non-blacknose
29 Atlantic to the Gulf, to keep that going. This
30 is one of those species that's not based on
31 assessment, it's based on kind of keeping the
32 balance.

33 On recreational landings for
34 swordfish, we continue to see the same pattern
35 of kind of bumping around the same levels, last
36 couple of years, lower than the high we saw in
37 2007. And this is 2013, here, it's just the
38 calendar year, to date.

39 Recreational billfish in 2012, a
40 decent jump in blue marlin, but a decrease in
41 white marlin. And then you see the numbers here
42 for our calendar year, to date. And then
43 sailfish, down here, for 2012, is about the same
44 as we've had the last couple of years.

45 Tournaments, as I mentioned, we've
46 got 220 so far registered this year. We already
47 have three tournaments registered for 2014. So
48 it's very exciting.

1 And we, just to let you know too, are
2 doing some internal database migrations in
3 coordination with the Southeastern Fisheries
4 Science Center, that are working to make things
5 more efficient for everyone.

6 And we've also sent a Satisfaction
7 Survey to tournament operators on the process
8 and things, so we've gotten some good response
9 rates there.

10 Moving to Litigation, we are still
11 in litigation on porbeagle sharks, with the
12 Humane Society, that alleged that we violated
13 the Administrative Procedures Act, by not
14 listing porbeagle, as prohibited, under
15 Magnuson. That briefing is complete, so we're
16 waiting for the Court.

17 For bluefin tuna, the Center for
18 Biological Diversity, which alleged that we
19 violated Magnuson, NEPA, and APA, for increasing
20 opportunities in the general harpoon category.

21 This was the 2009 kind of Reg
22 Amendment, which we talk about. The Court
23 granted summary judgment in our favor, this past
24 March, and that case is now dismissed.

25 So we continue to try and work as
26 closely as we can with the councils, and the
27 Commission, Atlantic States Marine Fisheries
28 Commission for Sharks.

29 The North Carolina Greenstick Study
30 is in review, so we hope to have that out fairly
31 soon. And the Louisiana Greenstick Study is
32 underway, and we're working very closely with
33 them on how that's going.

34 And we continue to have a number of
35 submissions to ICCAT, on a monthly or yearly
36 basis on vessel lists, bluefin landings, bigeye,
37 and yellowfin.

38 And we are working closely with the
39 Office of International Affairs, on the
40 Electronic Bluefin Catch Document System, as
41 well as what would be required, domestically, to
42 comply with that. This is what Chris Rogers
43 will update us on, Thursday.

44 So ICCAT, the two measures that
45 required rulemaking, were South Atlantic
46 Swordfish, that was a measure that was extended
47 for one year, so it will be renegotiated this
48 year.

1 This was completed in our
2 Specifications for Swordfish. And then for
3 bluefin tuna, it was another one-year rollover,
4 so all of our allocation and percentages stayed
5 the same.

6 One thing to note is that, it
7 established an absolute minimum size, that
8 matches our domestic 27" curved fork length. So
9 it's one minor addition, but one that was
10 consistent, and so this was accomplished in our
11 Specifications, as well.

12 On CITES, this past March a number
13 of shark species were listed on Appendix II. If
14 you recall, Appendix II does not prohibit trade,
15 but does require documentation of imports,
16 exports, and re-exports, with findings that the
17 specimens were legally acquired, as well as not
18 detrimental to the species.

19 And so this porbeagle, oceanic
20 whitetip, and three Hammerheads, it has
21 extended, coming into compliance phase, and will
22 be effective about a year from now.

23 And so we are working with Fish and
24 Wildlife Service, which has the lead on CITES on
25 implementation and documentation, to make sure
26 that we meet the requirements, but minimize the
27 burden, as much as possible.

28 On the HMS Research Plan, this is
29 something that we continue to work on,
30 internally, where we have briefed leadership
31 conveying a lot of the input from both the Panel
32 and the ICCAT Advisory Committee.

33 Leadership has formed an internal
34 working group with representation from the
35 Northeast and Southeast Fishery Science
36 Centers, the Office of Science and Technology,
37 and HMS Management Division.

38 It's a group that is continuing to
39 discuss priorities, available resources, and
40 we're working on several documents to highlight
41 those needs, which will be shared with the Panel
42 when they're ready.

43 One recent outcome was that, in
44 FY13, the Virginia Institute of Marine Science
45 Shark Longline Survey was funded for one year,
46 and so that was deemed important, because it's
47 the longest running time series for a number of
48 shark species. So we'll continue to work on

1 this, keep you posted.

2 So for our workshops, this is a
3 continuing requirement for our fishermen, as
4 well as our shark dealers. They've been in
5 place for a number of years, so most people are
6 in the renewal phase, at this point.

7 We publish the schedules quarterly.
8 I think one just came out last week, and so
9 strongly advise people to look and plan ahead,
10 so that you don't have a gap in permits.

11 And then looking ahead, it's the
12 Fall meeting. We're heading into the Fall ICCAT
13 season, the Advisory Committee meeting in
14 October, the annual meeting in November.

15 This year, both bluefin tuna and
16 swordfish are up, so they'll need to be
17 renegotiated. There's always potential for
18 other measures. Seems to be, sharks are a
19 recurring theme, as well as some trade measures,
20 like the Bluefin Catch Document or some others.

21 We are in proposed rulemaking for
22 bluefin tuna, Amendment 7, as well as the 2014
23 Shark Specs, and the Vessel Monitoring Systems.
24 Those, the Shark Specs and VMS close later this
25 month.

26 And then upcoming Proposed Rules
27 are, the Shark Conservation Act, Smoothhounds
28 with the Dogfish Savings Clause, as well as Shark
29 Amendments 5b, which would be for dusky sharks,
30 and then 6, which would be future of the Shark
31 Fishery. And then we are looking to re-initiate
32 consultation on the Pelagic Longline Fishery, as
33 well.

34 And so now, I would like to take a
35 step and think back. We've been talking about
36 the 2009 ANPR, which is the Advance Notice of
37 Proposed Rulemaking, which, if you recall, was
38 a point where we had a lot of issues.

39 We were on the threshold of a lot of
40 changes in fisheries, and needing to adjust
41 management measures, and so we kind of put the
42 kitchen sink together on issues, because a lot
43 of them were inter-related, and took it out to
44 the public.

45 We were trying to get public input
46 on increasing opportunities to catch bluefin
47 quotas, while ending over-fishing and
48 rebuilding, increasing opportunities to

1 revitalize the swordfish fishery, while also
2 minimizing bycatch.

3 Looking at permit structure, ways to
4 clarify, simplify, and then also, look at
5 implications of catch shares, limited access
6 privilege programs, and individual bycatch
7 limits.

8 We feel that these measures have
9 been addressed largely through some recent
10 amendments. Amendment 7 on bluefin tuna,
11 addressing both bluefin individual quotas, as
12 well as opportunities for fishing, swordfish
13 revitalization.

14 We had a series of rules, finalized
15 most recently, in Amendment 8, and then
16 Amendment 6 on the future of the shark fisheries.

17 So from this point forward, we're
18 likely to stop talking about 2009, as kind of the
19 starting point, and some of these other rules
20 would become the starting point for the next
21 round of management.

22 Thinking back to Panel suggestions,
23 from the last several meetings. Improving
24 Dealer Reporting, is our eDealer rulemaking, an
25 implementation that's fully underway,
26 considering catch shares, adjust regulations
27 for bluefin tuna, working with States on
28 Recreational Tagging Programs.

29 We've recently done that with
30 Maryland, on sharks, Massachusetts on bluefin,
31 and the large pelagic survey re-estimation, Dr.
32 Ron Salz will be here to talk about that.

33 We continue to conduct research in
34 the Shark Research Fishery in the Mid-Atlantic
35 Bottom Longline area, as well as investigating
36 electronic monitoring. We have a Bycatch
37 Reduction Engineering Project, that was funded
38 last year.

39 So I believe these are underway. And
40 then a few remaining, that are more under
41 consideration, permit-related suggestions, as
42 well as placards for some of the other HMS
43 people, building on some of the shark work.

44 So these are continuing things that
45 we look to, to work on and, obviously, we'll keep
46 track of your comments and suggestions at this
47 meeting.

48 And then just a touch on roles, and

1 what we're hoping for, and what we commit to.
2 That our goals are very open, honest
3 communication with you all, having everyone
4 informed, and that's including us, where you're
5 all informed of what we're doing and why, and
6 then we're informed of your thoughts and
7 opinions and those of your constituencies.

8 It doesn't do us any good to
9 implement a rule that does something that we
10 don't expect, and so that's where we look to you
11 all, to give us the feedback on whether what
12 we've proposed has hit the mark.

13 And if not, you know, we want to
14 know. Whether it's good, bad, or ugly, we want
15 to know. I'm a firm believer, that you can say
16 anything, with respect. But we do want respect
17 from everyone, and we commit to listening, and
18 engaging.

19 And then ultimately, whatever
20 decisions are made, would be made with the
21 consideration of the Panel, as well as the rest
22 of the public, and we would articulate that back
23 to you all. And so that's what we're hoping for
24 this meeting, as we do for all.

25 And then finally, we've got a lot of
26 ground to cover at this meeting. We know, I was
27 talking with some of you, about how Amendment 7
28 is a large document, a complicated document.

29 People don't like reading it.
30 Well, we had to write it, so we get that it's big
31 and complicated. So we will try and really take
32 the time to step through it, talk about it with
33 small groups.

34 We have folded that back into the
35 format, so that we can really have the detailed
36 discussions, both with staff and amongst
37 yourselves, and then we'll come back with
38 plenary. And so everybody can hear what
39 everybody said. And so that's what I have.

40 MR. MCCREARY: That's very
41 interesting. All right, Margo, thanks very
42 much, very comprehensive. And, remarkably, we
43 are a little bit ahead of schedule right now.

44 This is not an invitation to
45 filibuster, though, but if there are any
46 clarifying questions, feel free to pose them
47 now. Apparently, Dave has one, or a statement.

48 MR. KERSTETTER: Or, perhaps, a

1 little bit of both.

2 MR. MCCREARY: Okay.

3 MR. KERSTETTER: Am I understanding
4 it correctly, that this is the only time, during
5 the entire meeting, you're going to talk about
6 the HMS Research, or HMS Research Plan?

7 MS. SCHULZE-HAUGEN: Well, if you
8 looked at the agenda, you will see that it wasn't
9 anywhere else.

10 MR. KERSTETTER: Right.

11 MS. SCHULZE-HAUGEN: And so yes.
12 And so happy to discuss, what we can. Part of
13 the reason it's not on the agenda, is because I
14 don't have a plan to share. This is taking time
15 within the Agency to vet, fully, and so that is
16 still underway.

17 MR. KERSTETTER: Thank you, for the
18 update. Although, I do have to say that it seems
19 like we've been kicking the can down road for
20 about three years on this HMS Research Plan.
21 And there's also no expected dates on when that
22 plan will be delivered, that you just talked
23 about.

24 I do have one specific question,
25 about the status of the plan and its review right
26 now, and that would be, why is it solely an
27 internal review process?

28 We have lots of HMS Research experts
29 around this table, as well as not around the
30 table, but otherwise in the field, and, you know,
31 why weren't some of them, some of us, included
32 on that review process?

33 I think that, historically, when
34 we've looked at drafts of the HMS Research Plan,
35 there's a lot of redundancy and a lot of,
36 frankly, Agency bias, on that plan. And so, you
37 know, I would suggest including some outside
38 review, as well as the internal. Thank you.

39 MS. SCHULZE-HAUGEN: Yes, so sorry,
40 if I wasn't clear. We don't intend to just
41 finalize. But, at this point, I don't have a
42 draft to share.

43 And so consistent with how we've
44 done things before, where you mentioned previous
45 drafts, I anticipate that there will be that
46 opportunity, as well.

47 In terms of content and subjects,
48 you know, it's an ongoing dialog within the

1 Agency, on how big, how broad, what components
2 to bring in, and until we've gotten kind of our
3 ducks in a row, I don't have anything to share.

4 MR. MCCREARY: Dave, just to recap,
5 you're making a pitch for a clear, or more
6 precise time line, and an opportunity for
7 Panelists to weigh-in and contribute their
8 ideas, before the Plan is finalized.

9 MR. KERSTETTER: That's correct, as
10 well as a number of other initiatives, that the
11 Science people around the table have brought up
12 before, such as opening up other available NOAA
13 RFPs to HMS projects, specifically, in terms of
14 MARFIN. But, we know there are all issues about
15 that, so no worries.

16 MR. MCCREARY: Okay.

17 MR. KERSTETTER: Thanks, for
18 summarizing, Scott.

19 MR. MCCREARY: Go ahead.

20 MS. SCHULZE-HAUGEN: One final
21 note, I should have mentioned already. Dr.
22 Guillermo Diaz will be here tomorrow, he is en
23 route from the Swordfish Assessment. So I would
24 encourage those with kind of science kinds of
25 questions, to talk with him when he's here.

26 MR. MCCREARY: Good. Thanks.
27 Bob. And, again, please introduce yourself and
28 your affiliation.

29 MEMBER HUETER: And turn your mic
30 on. Yes, Bob Hueter, Mote and Marine Lab. Not
31 to pile on, but I want to echo Dr. Kerstetter's
32 remarks, about being disappointed.

33 I really was expecting a
34 presentation on the Research Plan. I had looked
35 at the agenda, and I thought we would get a
36 presentation. So this is disconcerting, at the
37 very least.

38 And this morning, I had the pleasure
39 of sharing breakfast with three of my friends in
40 the commercial industry, and they were grilling
41 me about dusky sharks. And I wish could tell
42 them what kind of research we have planned.

43 But, you know, funding for HMS
44 research, at least for sharks, is really at an
45 all time low. So I am, also, disappointed in the
46 lack of progress on this.

47 And I have an unrelated
48 clarification question, on the presentation.

1 The tournaments, Margo, any explanation, as to
2 why we only have three tournaments signed up in
3 2014, am I missing something here, as of
4 three-quarters of the way through the year?

5 MS. SCHULZE-HAUGEN: This is 2013.

6 MEMBER HUETER: Oh, whoa, whoa,
7 whoa, I am missing something. Sorry. Okay. I
8 was looking at the bottom years, as of September,
9 sorry. Okay, that was the stupid question, one
10 stupid question I get.

11 MR. MCCREARY: Okay. Thanks very
12 much. Rich. Affiliation, as well.

13 MEMBER RUAIS: Yes. Rich Ruais,
14 ABTA, American Bluefin Tuna Association. I
15 just wanted to thank Margo for recognizing the
16 volume of Amendment 7, that it's very large.
17 But it's not just the volume, it's the number and
18 seriousness of the issues that are involved.

19 And I wanted to point out, that if
20 you look in the early parts of the document, like
21 even on Roman Numeral Page III, we really only
22 started this process in March of 2011, with a
23 white paper, and then some serious consideration
24 beginning in 2012.

25 And now we're here in 2013, and we've
26 already got a draft Supplemental Environmental
27 Impact Statement, a Regulatory Impact Review,
28 and a Plan Amendment. That, by any standard, in
29 Fishery Management today, is lightning pace.

30 You know, I just point out, what
31 Chris Weiner was reminding me last night, that
32 the Amendment 5 in the Herring Fishery
33 Management Plan took seven years to develop.
34 That's with a Plan Development Team, an SSC
35 involved in the process, an Advisory Panel in the
36 process, an Oversight Committee in the process,
37 and the full Council in the process, with
38 literally monthly or bimonthly meetings taking
39 place.

40 And what you heard, in the one public
41 hearing we've had so far, in Gloucester, was I
42 think quite a loud plea to slow down.

43 And I think what that translates to,
44 when you look at this document, is there are some
45 issues, and I think you've mentioned it before,
46 that are pretty much more simple and
47 straightforward and urgent, maybe, than others.

48 And I'm thinking, particularly,

1 about the discards and the purse seining
2 category, and changes that would be beneficial,
3 and could be brought forward in the things like,
4 looking at the cameras, for both the purse seine,
5 or observers, 100 percent observers, if you can
6 continue to do that.

7 But you know, the data that we're
8 being asked to make decisions on, at this point
9 in time, it's the best you've got. And there's
10 just a lot of very knowledgeable people, that
11 aren't sure you're in the ballpark on some of the
12 numbers, on interactions, and discards
13 following that.

14 So I would just ask, that during this
15 meeting, we consider, and that you consider,
16 with an open mind. And you've produced a
17 beautiful document, and I don't want to shred it,
18 or anything like that.

19 But there are combinations of things
20 that could be broken up into packages of measures
21 that move forward at a more reasonable pace,
22 given the gravity of the issues.

23 The bluefin is a highly migratory
24 fish, you know, swordfish is highly migratory,
25 we're looking at, you know, we're making major
26 changes, based upon little changes in
27 performance over a five-year period, compared to
28 a 50-year fishery that we've had in the evolution
29 of the 50-year Management Program that we have
30 in its place.

31 So that's just a beginning plea to
32 all of the AP Members, to try to help us in the
33 Bluefin Community, both the swordfish and the
34 pelagic longline and the remaining categories,
35 help us slow down and get this done right, if
36 we're going to do it. And I'm not sure, that
37 some of the measures in there, are where we want
38 them to be. Thanks.

39 MR. MCCREARY: Thank you, Rich.
40 Any other comments or questions, with respect to
41 Margo's initial presentation? And as Margo
42 said, Rich, and as you well know, much of the
43 agenda is devoted to bluefin, and it is
44 structured in a modular way.

45 Maybe that will create an
46 opportunity for looking at some new options or
47 combinations, as you suggest. With that, I
48 think we should continue with our next agenda

1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16
17
18
19
20
21
22
23
24
25
26
27
28
29
30
31
32
33
34
35
36
37
38
39
40
41
42
43
44
45
46
47
48

item. So we have --

MS. SCHULZE-HAUGEN: I would assume she's here.

MR. MCCREARY: We need to confirm that Maggie Miller is here.

MS. SCHULZE-HAUGEN: I believe that's a no.

MR. MCCREARY: That seems like a no. eDealer, do that instead?

MS. SCHULZE-HAUGEN: Sure.

MR. MCCREARY: All right, we're going to do our first audible in agenda revision and flip the eDealer Reporting Update to the next item.

MS. ORTIZ: Good morning everybody. Like Margo had mentioned, well first of all, my name is Delisse Ortiz, I'm with HMS in Headquarters, and I'll give you an eDealer update.

Like Margo had mentioned, last time I told you a little bit about the eDealer System, it was only eight days old. Now, we've fully implemented. We've been operational for a month. And so I'm just going to kind of give you a little update on how things are going so far.

If you recall, this program has been mandatory since January 1st, 2013. All our Federal HMS Dealers have been required to report electronically.

And when I mean, Federal HMS Dealers, I mean, sharks, swordfish, bigeye, albacore, yellowfin, and skipjacks. The bluefin tuna dealers will still continue to report in their existing reporting sort of a program.

And the reason we did this, was to increase the timely and accuracy of our dealer reports, also to improve our quota monitorings, in order to get realtime information on how our shark, swordfish, and tuna quotas are doing, for those who have quotas. And also, to improve data coordination for Atlantic HMS.

I know this was a big effort, by Jackie Wilson, which has allowed us, and allowed dealers, to report on a weekly basis using a variety of programs.

And these programs include an HMS-only dealer program, that is available.

1 But it also allows our HMS dealers to use
2 programs that they've already been using to
3 comply with some other non-HMS Federal Reporting
4 Requirements, such as the Northeast dealers, but
5 also some of the State dealers that have been
6 using the Trip Ticket versions, to comply with
7 both State and Federal.

8 So this has minimized the burden on
9 some of our dealers, by just continuing to report
10 on these programs, and meeting their existing
11 reporting requirements, but also in addition,
12 their HMS reporting requirements.

13 In this effort, we provided dealers
14 a lot of information. We finalized numerous
15 documents, to make sure that dealers kind of, you
16 know, were eased into the transition from, you
17 know, paper reporting, to these new regulations,
18 and also using these new electronic reporting
19 programs, that they hadn't been using yet.

20 This included dedicated eDealer
21 website, compliance guides, user manuals. Some
22 of the Trip Ticket versions have a sort of video
23 tutorials, that gives them a step-by-step
24 process in how to report. And we also went on
25 road trips and did about 20 plus workshops from
26 Texas through Maine, including the Caribbean.

27 Dealers also have a dedicated phone
28 line, as well as an email, for any issues that
29 may arise while they're trying to submit their
30 reports. There's staff support available,
31 Monday through Friday from 8:00 a.m. to 5:00 p.m.

32 And to date, we've handled many
33 emails and many calls, all relating to different
34 issues, some just wondering how to report with,
35 you know, based on the new regulations, how to
36 use the existing electronic reporting programs,
37 and also, you know, any troubleshooting issues
38 that they've had.

39 And everything that we have is
40 documented. We have administrative and account
41 protocols, so that any conversation, any problem
42 that arises with any dealer, we have on our
43 system and we're able to track it, regardless of
44 who's calling and who's talking to our support
45 staff.

46 In terms of the data that we receive,
47 it goes through a rigorous quality assurance and
48 control, or QA/QC process. The system checks

1 data at different points in the process, as it's
2 coming in.

3 It will notify us if there are any
4 data issues, via email notifications, on a
5 realtime basis every week, well sometimes every
6 day. We receive over 7,000 notifications that
7 we check each one.

8 And the system also checks for how
9 complete the dealer reports are. It'll check,
10 you know, again, if the federal permits are
11 valid, if it's a prohibited species, if a Logbook
12 ID has been entered, if the correct HMS catch
13 area has been entered, so we get really, really
14 accurate data.

15 In addition, we check for data
16 accuracy, as we get those email notifications.
17 And again, everything, any change in any report,
18 at any given time, any conversation, is recorded
19 and documented.

20 The biggest part of our time is, we
21 spend a lot amount of time checking compliance,
22 and this is done on a weekly basis. Every week
23 we ensure that all dealers have reported, and the
24 non-compliant dealers are identified in
25 realtime.

26 So the way that it works is, every
27 dealer is supposed to report on Tuesday. The
28 system will check, and if a dealer has not
29 submitted a report, it will get flagged and it
30 will be sent an email by the system saying,
31 you're late, you need to submit your report, and
32 you're not allowed to purchase any product until
33 those delinquent reports have been submitted.

34 The system will also send us an
35 email, and identify the dealer that has been late
36 for that reporting time period, so we can
37 follow-up with an action.

38 We've worked with Enforcement to
39 develop a protocol, to document, and address
40 non-compliance, and record any actions taken.
41 There's various actions, however, some of these
42 include, assessment of monetary penalties
43 and/or permit sanctions.

44 Information on the National Penalty
45 Policy and Summary Settlement Schedule is
46 available at that website. But we also have
47 copies outside, if you're interested to see what
48 some of these penalties mean. This is a new sort

1 of national penalty policy, that just came out
2 a few weeks ago.

3 Now in terms of the data
4 coordination, that I talked about, the data that
5 we receive is a lot more, again, accurate, but
6 also a lot more specific.

7 We get trip level information,
8 instead of biweekly reports, like we used to.
9 Now, from Texas to Maine, including the
10 Caribbean, we have much improved price vessel
11 and species specific and catch area information.

12 These are some of the data elements
13 that we've added, that we used to collect, but
14 now we have added to all the electronic reporting
15 programs. So now we're collecting the same data
16 across all regions, through all those approved
17 electronic reporting programs.

18 The data, because we've added some
19 elements, such as Logbook ID, allows us to match
20 the dealer information with the Logbook or
21 vessel data, which is really important.

22 And it also allows us to track
23 compliance of our HMS dealers, so that we get
24 realtime and most accurate information from all
25 our dealers. Also, all our data is stored in one
26 repository, and it is used and is being currently
27 used for quota monitoring.

28 So most of our landings reports,
29 we're using the data already, and also
30 environmental and socioeconomic impact
31 analysis. So this is realtime data, so the
32 data's already being used to work on current
33 rulemakings.

34 This will improve our monitoring of
35 annual catch limits, as well as the data that we
36 use for the stock assessments. And also, it
37 ensures that we comply with both domestic and
38 international regulations.

39 So this program has provided us
40 numerous benefits. You know, granted, we've
41 sort of taken more the operational side of
42 things, and now we do everything in-house, which
43 is great.

44 But the data, you know, some of the
45 things that it has also provided, is that it
46 helps us identify fishing vessels and dealers
47 operating without correct and/or valid permits.

48 So, you know, we've seen cases where

1 the system will, you know, show us hey, you know,
2 this fishing vessel does not have the correct
3 permit and it's selling illegal fish. So it's
4 been able to identify those.

5 One of the things that it has done,
6 is reduce the universe of HMS dealers. We've
7 had about 81 dealers that have surrendered their
8 permits.

9 And some of these dealers didn't
10 even know they had a permit, so it was easy to
11 surrender, some just didn't want to deal with all
12 the reporting.

13 Although, we've seen some that have
14 surrendered and come back. So there's quite a
15 lot of fluctuations in the amount of folks that
16 surrender their permits, and then decide to come
17 back. I would say, between seven and ten new
18 dealers every month that we get, or that are
19 renewed.

20 Then we also have a secondary check
21 of when fishing vessels are out fishing, and
22 whether they're abiding by observer
23 requirements.

24 Because one of the requirements, for
25 example, for the Shark Research Fisheries is
26 that they provide an observer LogID. But also,
27 they need to provide a Logbook ID.

28 So sometimes, we can verify whether,
29 you know, the dealer did enter a LogID, but then
30 we would check the LogID, that information, you
31 know, wasn't reported.

32 Also, like I mentioned, we have
33 realtime data, so we have up-to-date price data
34 that we're able to use in some of the current
35 rulemakings.

36 More timely state data. Before, we
37 used to get the data between, you know, weeks to
38 months, now we get it on a weekly basis.

39 And we're also able to ensure
40 species specific reporting, because dealers are
41 not allowed to report any unclassifieds in our
42 Electronic Reporting Program, it won't allow it.

43 So as you can see, we have numerous
44 benefits. We continue to work diligently on
45 compliance and on enhancing the program to make
46 it more efficient. And if you have, you know,
47 any questions or suggestions, we welcome them.
48 Thank you.

1 MEMBER HEMILRIGHT: Dewey
2 Hemilright. I just got one question. Is it
3 possible to get the piece of paper that the
4 dealers have to fill out?
5 MS. ORTIZ: What do you mean by,
6 piece of paper?
7 MEMBER HEMILRIGHT: When they do
8 the electronic monitoring, I guess, there's two
9 or three pages they fill out in electronic
10 monitoring, like, just to see what they have to
11 fill out.
12 MS. ORTIZ: Oh, you mean like a
13 screen shot of --
14 MEMBER HEMILRIGHT: Yes,
15 screenshot.
16 MS. ORTIZ: -- like what the program
17 looks like?
18 MEMBER HEMILRIGHT: Yes, or what
19 they have to fill out. Because, I'm not
20 familiar with any catch area, that the dealers
21 write in, or request from the fishermen. So I
22 don't know where they would be getting that catch
23 area from, besides the Atlantic Ocean.
24 MS. ORTIZ: Well, a lot of the -- I
25 think the North Carolina dealers, they use the
26 North Carolina Trip Ticket, and so that has --
27 a link is provided, that shows the HMS catch area
28 and shows a map.
29 And they're very broad areas, so
30 like the North Carolina would be a certain limit,
31 and they could put -- I think most of the North
32 Carolina dealers have that already, as a default
33 in their favorites, because you can do that in
34 Clouds program. But I can definitely show you
35 the program, if you're interested.
36 MEMBER HEMILRIGHT: Thank you.
37 MR. MCCREARY: So Dewey's
38 essentially asking for a list of the data fields,
39 so he can get a hard copy of that, yes. Bill.
40 And, again, please introduce your affiliation,
41 for the court reporter.
42 MEMBER GERENCER: Bill Gerencer.
43 And two quick questions. Number one, what
44 percentage, if you know, of dealers does 81
45 represent?
46 MS. ORTIZ: Well right now, I just
47 checked, there's 488 dealers, out of which, 103
48 are sharks, almost 380 are tunas, and the rest

1 are swordfish. So it's a small percentage.

2 MEMBER GERENCER: Thanks. And,
3 also, have you received any feedback from stock
4 assessment personnel, as to how this program is,
5 or will help them, and if you haven't, can you
6 seek some, and provide the AP with the copies of
7 that feedback?

8 MS. ORTIZ: Well, this program was
9 an effort, coordinated by Jackie Wilson, with a
10 lot of folks from the Southeast Fisheries
11 Science Center, all the states, the Commissions,
12 so the Northeast Fisheries Science Center.

13 So all of them provided feedback,
14 mostly, like, you know, Dave Gloeckner, Bonnie,
15 they all provided feedback on what elements
16 would be necessary, to ensure the best data was
17 collected.

18 I can try and get those, you know,
19 that feedback for you, if that's what you're
20 interested in. I don't know, if that's what
21 you're asking.

22 BRIAN CONRAD: I'm just curious, as
23 to if it is actually helping, or if there's
24 something that they would like to see changed,
25 so that it will improve the data for stock
26 assessments.

27 And I'd like to sort of, I've seen
28 instances in the past where we put all this
29 information into a database and it sits there and
30 gathers dust.

31 And it's partly because one hand
32 can't talk to the other. That's kind of a mixed
33 metaphor there. I'm guessing you thought about
34 this ahead of time but I'm just curious to see
35 how it's working.

36 MR. MCCREARY: Well, Bill, I mean,
37 I think part of what you're saying is Denise just
38 iterated a whole series, Denise, sorry.

39 MS. ORTIZ: Delisse.

40 MR. MCCREARY: Delisse, sorry.
41 Sorry. Iterated a whole series of benefits of
42 this program. And I think what you're saying
43 is, is there any validation, can we confirm that
44 these benefits are indeed being realized, and if
45 they're not, can we make adjustments?

46 (Off microphone discussion.)

47 MR. MCCREARY: Yes. Yes. Thanks.

48 MS. SCHULZE-HAUGEN: Well and so

1 maybe just a little bit of a point in time on
2 that, where this is the first year and by the
3 time, you know, information is put into
4 assessments it's usually once the year is done.
5 So this will feed into the next round of
6 assessments.

7 We're in regular communication with
8 the Southeast Center. I actually just had a
9 call with them, last week even, on the data
10 warehouse and where it's going to go, and what
11 they should pull, and what the system has versus
12 the others. So it will be used. And whether
13 improvements can be made down the road, I think
14 is another good question.

15 MR. MCCREARY: Terri.

16 MEMBER BEIDEMAN: Terri Beideman,
17 Blue Water Fishermen's Association. Have you
18 had an instance where you had daily reporting
19 yet, with this system? And then I have a
20 follow-up, if you do.

21 MS. ORTIZ: The requirement is
22 weekly. We do have some dealers that submit
23 reports on a daily basis, just because that's how
24 they do business, but the requirement right now
25 is weekly reporting.

26 MEMBER BEIDEMAN: My recollection
27 was that in the Rule, that at certain trigger
28 points, that there might be increased reporting
29 levels, that it would be, you know, switching
30 with very small quotas, or what have you.

31 When you got tight, that it might get
32 to a daily reporting requirement. And that did
33 not happen as of yet, is that correct or didn't
34 that make that to the Rule?

35 MS. ORTIZ: That was in the Proposed
36 Rule. But then after hearing, you know, public
37 comment, we decided to change it to weekly to
38 minimize the burden on the dealers as well as to
39 be able to sort of meet, you know, it was kind
40 of like a balance, minimize the burden on the
41 dealers but still trying to get timely and
42 accurate data for the Agency.

43 MEMBER BEIDEMAN: Okay. Then --
44 but you do have a few dealers that report on a
45 daily just because that's what they do, correct?

46 MS. ORTIZ: I mean, very few. The
47 only reason I would tell you that some do on a
48 daily basis is if by any chance I'm looking at

1 a particular dealer.

2 But most of the dealers, you know,
3 before we implemented weekly reporting
4 requirements, especially in the Gulf, reported,
5 you know, to the State.

6 And the State requires monthly
7 reporting. So that's been a big change for
8 them. So I would say that, in general, no, they
9 don't report on a daily basis.

10 MEMBER BEIDEMAN: Only because I'm
11 mentioning that, it appears that there's a lot
12 of benefits to this quick reporting in terms of
13 data collection, and not just that, but quota
14 monitoring.

15 And I was curious, if the Agency is
16 considering including bluefin in the program at
17 some point? It seems to be odd that it's a
18 sticking out thumb.

19 And if the system is capable of daily
20 reporting then it would seem that that would work
21 just as easy, particularly, better than a fax
22 machine. So, my comment.

23 MS. ORTIZ: I just wanted to say
24 that, you know, we did receive the comment and
25 it's something that we're open to and it would
26 be ideal to have all HMS species included in the
27 program.

28 But it would take a considerable
29 amount of time and changes, to the eDealer
30 Program, as well as changes at the operational
31 level in the Division.

32 Because right now as it is, just
33 weekly reporting, especially compliance and
34 data accuracy and following up on everything,
35 making sure that we have realtime accurate data,
36 is a big undertaking. So I mean, it's something
37 that we're definitely open to considering and
38 working towards in the future.

39 MR. MCCREARY: Good. Thank you.
40 Rusty, and then Rick.

41 MEMBER HUDSON: Rusty Hudson,
42 Directed Sustainable Fisheries. For
43 clarification, the 81 retired dealers, can you
44 specify a breakout of those 81, as to shark,
45 swordfish, tuna?

46 And then I wanted to -- you could do
47 it offline later, verify all the different
48 numbers of permits. Because right now I see 96

1 shark dealers, 182 swordfish dealers, at the
2 Southeast Regional Office's website. I don't
3 know where to find the tuna stuff so that's
4 another thing I would like to have.

5 MS. ORTIZ: Yes, I can't give you
6 off the top of my head but that's something that
7 I can definitely just give you offline, the
8 breakdown of the dealers that have surrendered
9 their permits.

10 MEMBER HUDSON: Last question on
11 the 81, is that since January 1st, 2013, or does
12 that go back into 2012 by any chance?

13 MS. ORTIZ: No, this is as of this
14 year.

15 MR. MCCREARY: Thank you. Rick.

16 MEMBER BELLAVANCE: Thank you.
17 Delisse, does the ACCSP hold the data for the
18 eDealers?

19 MS. ORTIZ: Right now, yes, they do,
20 they're our main server.

21 MEMBER BELLAVANCE: And what about
22 the bluefin data?

23 MS. ORTIZ: No, the bluefin data is
24 not included.

25 MR. MCCREARY: Okay, any other
26 questions for Delisse? Excellent
27 presentation. Sorry for mangling your name.
28 One letter off. All right, Margo, should we
29 take a break now or should we press on and hear
30 about our Endangered Species Act updates?

31 Should we just press on? Press on.
32 Maggie is here.

33 MS. MILLER: Hi. So I'm Maggie.
34 I'm from the Office of Protected Resources, and
35 I work in their Listing Division. And I'm here
36 to just give you some updates about the ESA
37 listing process for the hammerhead, dusky, and
38 whale sharks.

39 So just a quick review about some
40 definitions under the ESA. A species include
41 subspecies and distinct population segments, or
42 DPS, are vertebrate species that interbreed when
43 they are mature.

44 And an endangered species is any
45 species in danger of extinction throughout all
46 or a significant portion of its range. While a
47 threatened species is any species likely to
48 become endangered within the foreseeable

1 future.

2 So there are approximately 2,100
3 total species that are listed under the ESA, and
4 NMFS has jurisdiction over 94 of them, 74, which
5 are domestic, and 20, which are foreign. And then
6 you can see the breakdown of the different
7 animals and plants.

8 And then of that number 46 are
9 threatened, and 48 are endangered. We also have
10 75 species that are currently proposed for
11 listing under the ESA, and this includes the four
12 scalloped hammerhead shark DPSSs.

13 We also have 16 species that are
14 candidate species, which are those species that
15 are undergoing status reviews, and that includes
16 the great hammerhead shark and the Northwest
17 Atlantic dusty shark population. And then we
18 also have 38 species that are species of concern.

19 So how does the species make it onto
20 the Endangered Species List? We can either be
21 petitioned, like from the public, or we
22 self-initiate the process.

23 In the case of the petition, we will
24 review it to determine whether it presents
25 substantial information that listing may be
26 warranted. If it does not then we publish what
27 is called a negative 90-day finding, and that's
28 sort of the end of the listing process for that
29 species.

30 But, if the petition does present
31 substantial information that listing is
32 warranted, we publish a positive 90-day finding,
33 and the species becomes a candidate species and
34 undergoes a status review.

35 And then we will review the status
36 review and consider any ongoing conservation
37 efforts. And within 12 months of the receipt of
38 the petition we will make a 12-month finding,
39 that decides whether the species does or does not
40 warrant listing.

41 If it does not, we publish what's
42 called a negative 12-month finding or a not
43 warranted finding. And again, that marks the
44 end of the listing process for that species.

45 But if it does warrant listing we'll
46 publish a Proposed Rule, which will identify
47 whether we have determined the species should be
48 listed as threatened or endangered, and a

1 summary of the data on which that decision was
2 made.

3 And then within 12 months of the
4 publication of the Proposed Rule we will make a
5 final determination that will implement the
6 determination as well.

7 And we could also publish a notice
8 that withdraws the Proposed Rule or extends the
9 time frame an additional six months. And then
10 if we intend to designate critical habitat, that
11 must also be made within a year of the final
12 determination.

13 So for the scalloped hammerhead
14 shark, we received the petition in August of 2011
15 and we published a positive 90-day finding in
16 November of 2011.

17 We recently completed the status
18 review in March of this year and published a
19 12-month finding and Proposed Rule in April of
20 this year.

21 So we found that there were six DPS
22 of scalloped hammerhead sharks and found that
23 two of them were not warranted for listing and
24 that was the Northwest Atlantic DPS and Central
25 Pacific.

26 We proposed two DPS as threatened
27 and two as endangered. And this is just a
28 diagram of the DPS boundary lines, and then their
29 proposed listing status, so red is endangered,
30 yellow is threatened, and green was not
31 warranted.

32 So the public comment period for the
33 Proposed Rule ended in June of this year, so now
34 we have a year from that publication of the
35 Proposed Rule to make a final determination and
36 decide if we're going to designate critical
37 habitat. And, I forgot to mention, critical
38 habitat can only be designated in U.S. waters.

39 So for the great hammerhead shark,
40 we actually received two petitions to list the
41 great hammerhead shark. One petition requested
42 to list it -- the global populations are at its
43 range. The second petition asked us to look at
44 the Northwest Atlantic population or a global
45 population.

46 We made a positive 90-day finding on
47 the global population and that was in April of
48 this year. So right now, the great hammerhead

1 shark is a candidate species and it's undergoing
2 a status review. And the statutory deadline for
3 the 12-month finding is December of this year.

4 So similar to the great hammerhead,
5 we also received two petitions to list the dusky
6 shark. And both petitions requested us to look
7 at the Northwest Atlantic population as well as
8 the global population.

9 We denied the petition's request to
10 list, we found that the global population -- the
11 petition did not present substantial
12 information to lead us that the global
13 population may warrant listing, but we did make
14 a positive 90-day finding on the Northwest
15 Atlantic population.

16 So right now we're undergoing a
17 status review by specifically looking at the
18 Northwest Atlantic population. And that
19 12-month finding statutory deadline is November
20 of this year.

21 The whale sharks -- we received a
22 petition to list them in December of 2012, and
23 just a few weeks ago we published a negative
24 90-day finding denying that petition. So
25 that's the end of the listing process for that
26 petition.

27 And so whenever we have a species
28 that becomes a candidate species we create a
29 specific species page. These are a little hard
30 to read the links. But if you would like to know
31 what's going on with that species you can go to
32 the Species page.

33 We also publish all of our recent
34 news, whenever we come out with a determination
35 or a finding, on our Hot Topics page.

36 And then we also have this Main
37 Species page which will provide links to these
38 different tables. So you can find out which
39 petitioned species are currently awaiting
40 90-day findings, which ones are undergoing
41 status reviews, all of our proposed species.

42 We also have tables of our negative
43 90-day findings and not warranted 12-months
44 findings, and those species that are under
45 review are proposed for de-listing. So you can
46 just see what's going on if you ever want to.
47 And so that's it. So that was very fast. Any
48 questions?

1 MR. MCCREARY: All right, are there
2 any questions for Maggie on her presentation?
3 Dave? Introduce your affiliation, also.

4 MEMBER CUPKA: Yes, David Cupka,
5 South Atlantic Council. These finding periods,
6 or petition periods, and what not, I'm assuming
7 they're spelled out in the law, but it doesn't
8 seem like they were followed very well.

9 For example, you have a 90-day
10 finding here that was published, or made, like
11 eight months after. I know of one case, where
12 a status review, for anadromous species, was due
13 in 2012, and the courts ruled that the Agency had
14 to publish something by 2015.

15 So it doesn't seem like, even though
16 these time lines are in, I guess they're in the
17 law, but they don't seem to be followed very
18 well. Is that a correct statement? In some
19 cases, they are, but not in all cases.

20 MS. MILLER: So with the 90-day
21 finding, that's actually to the maximum extent
22 practicable, so sometimes those are not. I
23 mean, it's not, you know, a definite deadline of
24 90 days.

25 The others are statutory deadlines,
26 so we try our hardest to make them. But yes,
27 obviously, you can see, sometimes we miss
28 deadlines.

29 MR. MCCREARY: Thanks, Dave. Bob.

30 MEMBER HUETER: I'm having trouble
31 this morning. First of all, just a comment on
32 the findings. I think that in general, I agree
33 with most of the findings that the Agency has
34 concluded.

35 Although, I think that on the dusky
36 shark issue, you're going to hear a lot more, as
37 that goes forward, depending upon the outcome.
38 Definitely, the whale shark, because I don't
39 know why that was proposed, but I agree with the
40 finding there.

41 But I have a question, when there are
42 findings of proposed, threatened, or endangered
43 status, that are in areas outside of U.S.
44 jurisdiction, what is the effect of that? What
45 is our standing?

46 How is that used, is it used in
47 international agreements, or deliberations,
48 say, with ICCAT? What is the effect of us

1 saying, we're fine here, but on the Coast of West
2 Africa, you guys, you have a problem?

3 MS. MILLER: Well, so it would
4 affect trade, if it's listed as endangered or
5 threatened, I mean, that factors in. We'd have
6 to look at our trade in the species.

7 You obviously wouldn't, any person
8 subject to U.S. jurisdiction, would not be able
9 to catch, or you know, have it in its possession,
10 or trade it, depending on threatened or
11 endangered status.

12 So I mean, we're not, you know, we're
13 not going to regulate what international, those
14 foreigners do, or whatever, but it's, I mean,
15 again, it would affect our own regulations
16 regarding that species.

17 (Off microphone discussion)

18 MS. MILLER: Right.

19 MR. MCCREARY: Thank you. Rusty,
20 do you still have a question? Go ahead.

21 MEMBER HUDSON: Rusty Hudson,
22 Directed Sustainable Fisheries. Maggie, nice
23 to meet you. I've submitted comments on all of
24 these petitions, thus far.

25 And I was glad to see that the
26 Agency, or ESA, or whomever, with scalloped
27 hammerhead and our DPS, chose to not pursue it
28 forward.

29 I assume, you're the lead author of
30 the internal review, the status review, I mean,
31 for the scalloped hammerhead. And in there, it
32 talks about the depletion, that was based on the
33 Chris Hayes et al 2009 Assessment, which
34 terminal year was 2005.

35 And basically, going in to the Monte
36 Carlo bootstrap, we had a 58 percent chance of
37 being rebuilt by ten years out, which is coming
38 up pretty quickly.

39 Who would be responsible for seeing
40 that update takes place, as far as a science
41 project? And the other part, I guess, where I
42 see that little bit of yellow intruding in, off
43 the tip of Cuba, and stuff, is that a different
44 genetic type?

45 MS. MILLER: So in terms of the
46 stock assessment, I mean, I'm assuming that
47 would be HMS. I mean, we wouldn't update the
48 stock assessment, I mean, that's not, we just do

1 the ESA listings.

2 So all of our listed species are, I
3 mean, we are supposed to do five, five-year
4 reviews of our listed species. So in that case,
5 we would look at whatever scalloped hammerheads
6 may have been listed, and we would look at that
7 review, and conduct another five-year status
8 review. And so your other question about Cuba.

9 (Off microphone discussion)

10 MS. MILLER: So is it, right, so
11 you're asking about the genetic, if that was
12 genetically a, or why Cuba's included, as the --

13 MEMBER HUDSON: No. The
14 threatened portion of the area, that is a DPS,
15 includes part of Cuba that's North of, and
16 Northwest of Cuba.

17 And so I was just wondering, because
18 in your status review, you noted genetic
19 differences, and that was part of the way to
20 divide it out.

21 You know, as far as, the science for
22 our scalloped hammerhead, in our region, I'm
23 glad to see that we've managed to do a great
24 rebuild there.

25 But, you know, with the data that's
26 being utilized in some areas, I have concerns.
27 I mean, it's just like, you saw my concerns about
28 great hammerhead discards, that I noted, was
29 very similar to a pattern that was in scalloped
30 hammerhead.

31 And one animal's a schooling shark
32 and the other's a lone shark, basically, or you
33 know, travels in small groups. So I was just
34 kind of wondering, what the bleed-over might be
35 with that threatened area, since it is awful
36 close to some of the fishermen that might be in
37 that region.

38 MS. MILLER: Right. So this was
39 all based on the DPS Analysis, as you would, and
40 there's different criteria that it has to meet
41 in order to be considered a DPS.

42 And right, it was based on genetic
43 data, tagging data, differences in management of
44 the species. In terms of what this is going to
45 mean, if it's finalized as threatened, we would,
46 I mean, I'm assuming, HMS would have to work with
47 us in determining boundary lines for catch.

48 And if there's take prohibitions

1 with the threatened listing, that's just
2 something we would have to work together to
3 figure out what that means for fishermen, who may
4 fish in the U.S. waters around.

5 MEMBER HUDSON: Well I guess, what
6 I'm looking at, because I can kind of see it a
7 little better on this screen, you know, it even
8 includes part of South Florida, around the Keys,
9 and stuff like that.

10 And if it's a different genetic
11 type, are we going to be drawing boundaries,
12 based on EEZ, that type of stuff. Because,
13 quite honestly, some of our guys can wind up
14 having, you know, potentially a different
15 genetic type, I guess, based on what I was
16 reading.

17 I just, I have a lot of concerns with
18 hammerhead, because of how they were all pooled
19 together. Smooth hammerheads wasn't even part
20 of these petitions.

21 But with all that said, these
22 petitions are mostly being filed by a couple of
23 different groups. And is there, and maybe you
24 can correct me, something under the Equal Access
25 to Justice Act, once they've exceeded the 90-day
26 period, and stuff like that, even if you deny
27 their listing, do their lawyers still get a
28 refund for their time?

29 MS. MILLER: I don't know the answer
30 to that.

31 MR. MCCREARY: Sonja. It's okay.

32 MEMBER FORDHAM: Sonja Fordham,
33 Shark Advocates International. Thank you, for
34 the presentation. I had made a request, talking
35 to Karyl and Pete, I think, but too late, so I'll
36 just put it out there for maybe the next meeting.

37 But, I think it would be really
38 useful to have a presentation, that goes a bit
39 deeper into the ramifications of listing for
40 this process.

41 So how say, if dusky sharks or
42 hammerheads were listed, what does that mean to
43 the Amendment 5 process, or the Amendment 5 for
44 those species?

45 And in particular, I'm thinking,
46 what happens to the research that a lot of us
47 support that we think is vital for soak times and
48 bycatch reduction, like, does that stop right

1 away?

2 And I have some familiarity, through
3 the sawfish process and, you know, that there are
4 certain hurdles involved in commercial permits,
5 bycatch permits, and research permits, and what
6 kind of penalties that would come along with
7 that?

8 I think that there is, obviously, a
9 perception among the public, that since this is
10 one of our strongest federal tools, that ESA
11 listing is always the best, in terms of a
12 conservationist's perspective.

13 But again, through sawfish, we're
14 still working on sawfish at ten years, since they
15 were listed. I was involved in that petition.

16 And it's a bit frustrating, we still
17 don't have any bycatch hotspot closures for
18 sawfish, and they're a critically endangered
19 species. And I know that we worked on our
20 recovery plan for, we started in 2003, so it was
21 at least five years.

22 So just to lay out that process, and
23 how it effects fisheries management, I think,
24 will really help the public judge, in their
25 minds, what is the most effective tool, for that
26 particular species, and of course, where we are,
27 in terms of fisheries management.

28 And where the population is, is
29 important, if we're very close to new
30 regulation, I think that's a little bit
31 different.

32 But laying that out, I think would
33 be really helpful for conservationists and the
34 public, to not only understand what would
35 happen, and how long the next steps would take,
36 but also to prioritize conservation projects.

37 And then I just had one more
38 suggestion. We're in a comment period for
39 sawfish now, and there's been a proposal for, or
40 listing sawfish in other countries.

41 And there's something in the Federal
42 Register Notice that says, the Agency may or may
43 not do recovery plans for species that are in
44 other countries.

45 So talking to people of the Sawfish
46 Recovery Team, it seems highly unlikely, I don't
47 know if we've ever done a recovery plan, for an
48 animal in another country, but if that's not

1 something that's realistic, I think it's
2 important to spell that out.

3 Because I do see a lot of positive
4 press about this. Oh, and the U.S. is going to
5 do recovery plans for sawfish in other
6 countries. And if that's not really realistic,
7 or that's not where we should be focused, I think
8 that it's best to just spell it out. Thank you.

9 MR. MCCREARY: Thanks, Sonja. So
10 kind of a global plea for a presentation about
11 the linkage between ESA work and the work of this
12 Panel, and how these two worlds connect, and the
13 implications of them. Thank you. Gerry.

14 MEMBER LEAPE: Thanks. Just to
15 build on what Sonja just said, I think that would
16 be really important. But also, try and explain
17 to drive more clearly the connections, or the
18 opportunities between the use of this tool and
19 informing U.S. policy.

20 You know, we're about to head into
21 the season of RFMOs. And so, you know, in
22 addition to helping people choose which is the
23 better tool, sort of explaining the
24 deliberations and what connections there
25 currently are, and what there could be. Thanks.

26 MR. MCCREARY: Thank you. Rom.

27 MEMBER WHITAKER: Yes, Rom
28 Whitaker, Hatteras Charter Boat. Rusty brought
29 up a question that kind of struck home with me.

30 Since ESA listings have become such
31 a big part of fishery management, it's pretty
32 important, I mean, these listings, and bluefin,
33 white marlin, on and on, can make or break us.

34 But, he asked the question, was the
35 petitioner lawyers, I guess, compensated if it
36 was a negative finding, and the answer was, they
37 weren't sure. I would like to know the answer
38 to that question.

39 MS. MILLER: Okay. I can try to
40 find that out, and I can ask our General Counsel.

41 MR. MCCREARY: It may be a
42 researchable question, I guess, we don't know.

43 MS. MILLER: Somebody knows.

44 MR. MCCREARY: Somebody knows.
45 All right, any other comments or questions, in
46 response to Maggie's presentation?

47 (Off microphone discussion)

48 MS. MILLER: Right. I can talk a

1 little bit about research permits. Because I
2 was sort of warned, that you were going to ask
3 that question.

4 In terms of research permits, if a
5 species is listed, it really depends on whether
6 it's listed as threatened or endangered, because
7 that is implications for a take.

8 So if it's listed as endangered,
9 take is prohibited, and you would have to apply
10 for a research permit in order to take the
11 species.

12 If it's threatened, it all depends
13 on if there's a 4(d) Rule, and then what
14 specifically that 4(d), which is a like take
15 prohibitions, what specifically that 4(d) Rule
16 states.

17 So the answer to that is, if it's
18 threatened, it may or may not require a research
19 permit, it just all depends on what's in the
20 Rule.

21 MR. MCCREARY: Sonja.

22 MEMBER FORDHAM: Sonja Fordham,
23 Shark Advocates. Can I just ask, is there a
24 limit on how many research permits would be
25 available for a given species?

26 And do you have an idea, of how long
27 that process, I got the feeling, through
28 sawfish, that it was kind of a lengthy process,
29 but do you have an idea, how long it takes?

30 MS. MILLER: I actually don't know.
31 We have a whole Research Permit Division in OPR,
32 but I can find that out and, sort of, give you
33 the certain lowdown about the research permit
34 process.

35 MR. MCCREARY: Good. Thank you
36 very much, Maggie. Any other questions for her?
37 Doesn't look like it. It looks like it's time
38 for a break.

39 (Off microphone discussion)

40 MR. MCCREARY: Thank you, Maggie.
41 So we'll take about a 15 minute break, and
42 hopefully our Enforcement Team will arrive on
43 scene.

44 (Whereupon, the foregoing matter
45 went off the record at 10:32 a.m., and went back
46 on the record at 11:07 a.m.)

47 MR. MCCREARY: Table. If we can
48 focus up here, please. We have a series of

1 Enforcement presentations, a team presentation.
2 And Katie Moore, from the Coast Guard, is going
3 to begin, and then we'll proceed with a couple
4 of other Enforcement updates. Katie, welcome.

5 MS. MOORE: Good morning. I'm
6 Katie Moore, the U.S. Coast Guard, Atlantic
7 area, in our Response Division, focusing on law
8 enforcement.

9 I'll be talking today, about
10 activities, since October of last year, and most
11 of the data is just through July. So I wanted
12 to let you know, that there are still a couple
13 of months left for this year.

14 I am backfilling for Lieutenant
15 Commander Elizabeth Buendia, who is currently on
16 maternity leave, expected to come back
17 mid-November.

18 Most of you are aware, that Coast
19 Guard has 11 missions. The issues that we're
20 talking about today, cross over two of them, law
21 enforcement, as well as living marine resources.

22 This is a tally of resource hours
23 that have been expended for this mission, and it
24 is about ten percent off from last year. That's
25 not too bad, considering sequestration.

26 The boardings do differ from last
27 year. We've broken it down into our districts,
28 so District 1 is Northeast, it's essentially New
29 York, northward.

30 Mid-Atlantic, or District 5, is
31 essentially New Jersey through North Carolina.
32 District 7, is South Carolina through most of
33 Florida, including the Caribbean. And then
34 finally, District 8, is the majority of the Gulf
35 of Mexico, just a smidge of Florida.

36 You can see, here, that in Fiscal
37 Year 2012, we had over 350 boardings. So far
38 year-to-date, we've had about 193 for highly
39 migratory species.

40 In the Mid-Atlantic, our boardings
41 have been fairly constant, comparable to last
42 year, but we have had great decreases in the
43 Northeast, the Southeast, and in the Gulf of
44 Mexico.

45 So I just want to let you know,
46 realistically, what's happening, we do have
47 resource hours we're expending, but it is not
48 uniform across all fisheries.

1 We have had violations detected.
2 This is comparable to previous years. One was
3 in the Southeast, in the Virgin Islands, where
4 our patrol boat identified that there was a
5 fishing vessel in a prohibited area, and it had
6 two skipjacks onboard.

7 The other two significant
8 violations we've detected, were both off of
9 Louisiana. They included, live bait,
10 possession of illegal hooks. The first catch
11 was over \$20,000, with a multitude of species,
12 and that gear was actually seized.

13 The other case, was a station, who
14 detected that there was a live bait violation
15 incorrect sizes of hooks, as well as type, and
16 incorrect shark carcass condition.

17 I want to say, thank you, to our law
18 enforcement partners. The second case was
19 Interagency, and we did get a great deal of help.

20 In the past, we've had a lot of
21 interest, from this group, as to the threat
22 coming from Mexicans, coming across the border,
23 and the impact on the HMS species. I'm sorry,
24 I screwed up. On most of your copies that you
25 have, these are the correct numbers.

26 So in District 1, the Northeast, we
27 haven't detected any incursions by foreign
28 fishing vessels. Same for the Mid-Atlantic.
29 We did in the Southeast.

30 It was a repeat violator, Venezuelan
31 flag. We're definitely keeping our eye on that
32 vessel. The majority, like, historical, is in
33 District 8, or the Gulf of Mexico.

34 The numbers that you had on your
35 previous electron, reflected Fiscal Year 12.
36 So you can see here, that we've had 123
37 detections, year-to-date, through July.

38 We had 105 interceptions, which is
39 a Coast Guard asset on scene chasing. And then
40 we've had 29 interdictions, meaning, that we've
41 halted the vessel, we've stopped them, we've
42 seized the catch, and we've repatriated those
43 nationals back to Mexico.

44 If you look at the total number, that
45 we have had year-to-date, it is still
46 increasing. We have had several cases in
47 August, as well as in September. And we see this
48 level of activity as unsatisfactory, but we are

1 very active, we are on scene, and we're trying
2 to figure out, exactly what we can do to deter
3 this threat.

4 In the past, you were interested in
5 what type of gear was used, it's majority gillnet
6 and longline. You were also interested in what
7 species were obtained by these vessels.

8 We have done a dedicated effort to
9 increase the knowledge of our boarding officers
10 to be able to identify these species. We have
11 provided them the Sea Grant ID Guide, and the
12 next three slides show you the diversity of
13 species and when they occurred.

14 Sometimes, we did provide
15 information on the length of the gear, so that
16 will give you a better idea of where we stand.
17 This does not include red snapper and other
18 species, it just focuses on the HMS species that
19 you're interested in.

20 And these are not all the cases,
21 these are just the ones where we identified the
22 HMS catch. So if you tally all them, we have
23 about 1,000 sharks that have been taken by these
24 lanchas, that Coast Guard has interdicted.

25 So what are our next steps? So you
26 know the threat is out there, we're actively
27 patrolling, and we're trying to balance a budget
28 situation, that is hard and is impacting our
29 presence on the water.

30 We started a deterrence study, a
31 couple of years ago, and our Coast Guard
32 Headquarters is looking at it, and seeing how we
33 can apply it across the board, across all
34 fisheries.

35 Specific to the lancha threat, which
36 are the illegal incursions along the
37 U.S.-Mexican border, we've convened a U.S. Coast
38 Guard Lancha Working Group.

39 And this engages our Intelligence
40 Group, our lawyers, and our Response Staffs, so
41 that we can figure out, what is the threat, and
42 what is the best mixture of assets in placements
43 to counter this threat.

44 Knowing that Coast Guard is not the
45 only one that can solve this problem, we continue
46 to work with our Mexico partners, the Department
47 of Justice, as well as other regional partners,
48 such as NOAA, to figure out how we can jointly

1 address the threat.

2 We've also engaged the research
3 community. The University of Southern
4 California is active on developing a patrol
5 model for us.

6 So we can use our limited resources,
7 and put them in the best placement for the
8 fisheries' resources, where the violations are
9 occurring, and are best with the regs and
10 endurance of our Coast Guard assets.

11 And then finally, where are we
12 going, as a Coast Guard Fisheries Enforcement
13 Program? Many of you were around in 2004, where
14 we promulgated our Long-Term Strategic Plan.
15 It was a ten-year plan. It told the relative
16 priorities of our international focus, domestic
17 focus, and we are currently re-promulgating
18 that.

19 So within about a year, you should
20 get more information on where the Coast Guard's
21 Enforcement Program is going into the future.

22 So this is my contact information.
23 I'll be working this issue through mid-November.
24 Elizabeth is out, so she won't answer your email.
25 If you have any questions now, I'm happy to
26 answer them.

27 MR. MCCREARY: Great. Thank you,
28 Katie. Bob.

29 MEMBER HUETER: Yes, Bob Hueter,
30 Mote Marine Lab. Thank you, Katie. I'm not
31 trying to be nitpicky, I just want to point out
32 that one of the species of sharks, that you have
33 listed here, under Foreign Fishing Vessel
34 Activity, I think it's Slide 7, blacktip reef,
35 is not a species that exists, by that common
36 name, at least, in this part of the world.
37 That's a Pacific species, so it's something
38 else. I don't know what that's referring to.

39 My question is, on the border
40 problem with Mexico, you said you continue to
41 work with Mexico. Can I ask you, at what level
42 that work is taking place? What agency? Are
43 these high-level talks, are these just
44 exchanges, what exactly is happening in that?

45 MR. MCCREARY: Bob, are you asking,
46 who are the Mexican counterparts --

47 MEMBER HUETER: Exactly.

48 MR. MCCREARY: -- involved in the

1 conversation?

2 MEMBER HUETER: Yes. And how
3 tangible are these conversations, or is this
4 just --

5 MR. MCCREARY: Okay.

6 MEMBER HUETER: -- kind of, high
7 level, just sort of --

8 MR. MCCREARY: Thanks.

9 MEMBER HUETER: -- discussion?
10 Thank you.

11 MS. MOORE: I can give you a better
12 update by the end of the month, and I can pass
13 that through NOAA. But what I have received, it
14 was, work with the Department of State, it was
15 work with the U.S. Coast Guard, and it was
16 engaging Mexico.

17 I don't know, exactly, where they
18 were entering, at what level of the
19 organization. But, hopefully we'll have some
20 information that we can showcase, externally,
21 and that would be included in it.

22 MR. MCCREARY: Good. Thank you.
23 Good question. So I have Steve James. I have
24 Rich, Gerry, and Sonja. Steve.

25 MEMBER JAMES: This is, I guess, I
26 can pose this as a question, but it's as much of
27 a comment, as anything. And, I'm sorry, Rom,
28 this kind of directs down to you North Carolina
29 boys.

30 And this, we're only too aware, that
31 there is a tremendous number of trophy fish being
32 landed, bluefin tuna, specifically, down there,
33 in North Carolina, where, I guess, the Federal
34 Government here, the Federal Enforcement
35 Agency, does not have jurisdiction to be on the
36 docks.

37 And I'd only ask, that you consider
38 having a far larger presence down there in the
39 January, February time frame, when they're
40 taking those fish. And, I guess, the question
41 portion of it would be, do you have any plans to
42 do so?

43 MS. MOORE: I wasn't sure if that
44 was to me, or to NOAA, OLE?

45 MR. MCCREARY: Steve, is that
46 directed to Katie, or to the --

47 MEMBER JAMES: Yes, that is
48 directed to Katie, and that is, do you have any

1 plans to beef up enforcement down in North
2 Carolina?

3 MS. MOORE: I would say, if you're
4 looking at the shore-side component, Coast
5 Guard's primarily at sea. We do, do some joint
6 efforts shore-side, but we're not the primary
7 for that.

8 In terms of what we're doing at sea,
9 for enforcement, we've just completed two
10 operations, that were in the Mid-Atlantic, that
11 were focusing on the longline fishery.

12 So I don't know, if it was addressing
13 that particular facet of HMS, but we had two
14 directed HMS operations, in the Mid-Atlantic.

15 MEMBER JAMES: Yes, just in
16 closing, I'd just simply ask, that you beef up
17 enforcement in 2014, if possible. Thank you.

18 MR. MCCREARY: Thank you. Rich.

19 MEMBER WHITAKER: Well, just to
20 respond to that, we do have federal enforcement
21 there, now. I mean, there is Coast Guard, or --
22 (Off microphone discussion)

23 MEMBER WHITAKER: Yes.

24 MR. MCCREARY: Randy, you want to
25 jump in on this?

26 MR. BLANKINSHIP: Yes. As far as,
27 recreational trophy fish are landed, they're
28 required to report those to landing stations.
29 And so there are State Laws on the books, that
30 there are State Enforcement Officers that are
31 there, that are looking at bluefin, as well as
32 Federal Fisheries Enforcement Officers there.

33 MR. MCCREARY: Thank you. Rich.

34 (Off microphone discussion)

35 MEMBER RUAIS: To Katie, thank you,
36 for all of that, and I have some real simple
37 questions. I also had spent about five years in
38 Baja Sur, so I'm kind of familiar with the
39 operations.

40 And there's not a heck of a lot of
41 infrastructure to the Mexican enforcement
42 entity, if you will, it's pretty much the wild,
43 wild west. And at least on that side, maybe on
44 the Gulf side, it's a little bit different. But
45 is a lancha, that you referred to, is it a panga?

46 MS. MOORE: It's comparable. It's
47 a shallow vessel with a moderate horsepower
48 crop.

1 MEMBER RUAIS: Yes, outboard motor.
2 MS. MOORE: Exactly.
3 MEMBER RUAIS: Yes.
4 MS. MOORE: So it's low in the
5 water, high speed.
6 MEMBER RUAIS: Yes.
7 MS. MOORE: They typically go
8 offshore pretty far. I'm kind of amazed how
9 much longline gear they can hold.
10 MEMBER RUAIS: Yes.
11 MS. MOORE: But it's comparable.
12 MEMBER RUAIS: A combination of
13 craziness and drugs. But I think one of the
14 things, that might be helpful, in the future, is
15 if you could show us a picture of the Gulf, and
16 show us where the incursions are taking place.
17 I'd like to see that. And, are
18 there any other nations, besides Mexico, that
19 you're finding, detecting, the U.S. EEZ area in
20 the Gulf?
21 (Off microphone discussion)
22 MEMBER RUAIS: Yes.
23 MS. MOORE: Not in the Gulf, we've
24 had --
25 MEMBER RUAIS: Not in the Gulf, it's
26 just Mexico.
27 MS. MOORE: -- the Venezuelan flag
28 vessels in the Northeast. In the past, we've
29 had some Japanese flag vessels, that have come
30 close to the EEZ, but weren't incursions, but not
31 in the Gulf of Mexico.
32 MEMBER RUAIS: Yes. Okay. And
33 just to follow-up on Bob Hueter's question about
34 who you're, at what level you're meeting to do
35 this, I really didn't understand, at what level
36 you were talking about.
37 But our Federal Commissioner might
38 be able to help the Coast Guard, if he were
39 brought along. He's from Puerto Rico, and he
40 speaks Spanish.
41 And he's very, very good with being
42 able to speak to authorities. He's a lawyer, as
43 well, so he's very capable of speaking in Mexico,
44 and knows a lot of them, personally. So it might
45 be helpful if you took him along on a trip or two.
46 MR. MCCREARY: Thank you, Rich.
47 Gerry.
48 MEMBER LEAPE: Thanks. And

1 thanks, for the presentation. One, and also,
2 appreciate the effort with Mexico. And I think
3 Rich's idea, on bringing along the Commissioner,
4 is quite a good one.

5 I wanted to take you back on your
6 slide on HMS boardings. And you noted, that you
7 did, because of sequestrations, had a cutback in
8 your available hours.

9 But I was wondering, this is quite
10 a significant drop off, in many of the regions,
11 in terms of boardings. And I'm just wondering,
12 if you can articulate a little further, some of
13 the reasons, why that might be?

14 MS. MOORE: What we do is, we
15 provide every source hours to each one of the
16 Districts, and their fisheries officers
17 determine the highest threats, by fishery. We
18 group those in high precedents and low
19 precedents.

20 And the functions, that they're
21 supposed to consider are, the impact to the
22 fishery, itself, bycatch issues, the number of
23 violations that they know are occurring, and
24 that's how they determine, if there's high or low
25 precedents.

26 This year, with the sequestration,
27 the Coast Guard chose to cut the operating cost
28 through the use of operating hours. So that was
29 one of the factors they had to take into account.

30 The number of fishermen that are
31 active in the fleet, we try to board 20 percent
32 of the high threat, or high precedents, and ten
33 percent of the low precedents. Often, that is
34 more than the resource hours we're given on a
35 normal year.

36 Now, with the reduction in the
37 budget, that reduced the number of hours that we
38 had, so each District was required to look at
39 their threats, and take the cuts, and the
40 boardings, where they thought, best fit, so
41 that's what results in these boardings.

42 So in the Northeast, they had
43 determined, that this fishery could weather a
44 reduction in boardings of that amount. I did
45 not highlight, but I wanted to do so, that we have
46 over the years tried to look at the different
47 components of the fishery, the commercial,
48 passenger, as well as the recreation, so that

1 there is a more representative sample of the
2 boardings.

3 And I think we're getting there, but
4 we still have room for improvement. So full
5 disclosure, budget didn't help, but we are still
6 on the water, and other fisheries may be having
7 the boardings rather than the HMS fishery.

8 MR. MCCREARY: Good. Thank you
9 very much. Sonja.

10 MEMBER FORDHAM: Thank you. Sonja
11 Fordham, Shark Advocates International.

12 Thank you, for the presentation. I
13 just have a quick clarification. When you were
14 showing the shark slides, you said it was about
15 a 1,000 total, is that a 1,000 total from, say,
16 when you seize the vessel, or the catch, of the
17 illegal catches, and then, the time period, is
18 that from last October, or a calendar year?

19 MS. MOORE: Fiscal Year through
20 July. So those are the cases, where we came
21 across the vessels, with gear and catch, or we
22 just came across the gear with catch. And so
23 that is just through July, so October through
24 July.

25 And we still remain very active.
26 The August reports have not come through yet, and
27 we've already seen cases in September. So these
28 numbers, still, are increasing.

29 MEMBER FORDHAM: Okay, thank you.
30 And then just quickly, when you, all of these
31 charts, lets talk about sharks and foreign
32 fishing, is that all Mexico?

33 MS. MOORE: Those were all within
34 District 8, the Mexican lanchas coming in, yes.

35 MR. MCCREARY: Good, thank you.
36 Katie, anything else from you? Okay. So we
37 have a tag team here, that we have three
38 colleagues, who are presenting.

39 Meggan, are you going first? I'm
40 not sure of your sequence. So maybe you can
41 introduce yourself and then your colleagues, as
42 you get into this.

43 (Off microphone discussion)

44 MS. ENGELKE-ROS: Hi, I'm Maggan
45 Engelke-Ros, from the NOAA Office of General
46 Counsel Enforcement Section, here, in Silver
47 Spring.

48 And I have with me, my colleague,

1 Frank Sprtel, who is an attorney in my office,
2 who, actually, is currently handling
3 administrative prosecution of all HMS
4 administrative cases, with the exception of the
5 ones that relate to international trade, which
6 are mine.

7 I did want to start, before I jump
8 into our part of the presentation, by just,
9 adding on a little bit to what Katie said, about
10 some of the work that's being done, bilaterally,
11 with the government of Mexico, on the lancha
12 issue.

13 Obviously, being from NOAA Office of
14 General Counsel, I'm not privy to all of the
15 conversations that the Coast Guard is having.

16 But my understanding is, that those
17 conversations are happening, both, at an
18 operational and, probably, more casual level,
19 but also happening, informal bilaterals,
20 between NMFS, and State Department, and the
21 government of Mexico, and their counterparts.

22 And that we're having, sort of,
23 intensified, as Katie alluded to, intensified
24 discussions in the Interagency with NOAA, Coast
25 Guard, State, and the Department of Justice to
26 brainstorm on all avenues that we can pursue to
27 try to address this issue, so it is being taken
28 really seriously, and being discussed at pretty
29 high levels.

30 So we've actually had some good
31 news, in the Office of General Counsel,
32 Enforcement Section, during the last year. We
33 have in place two new enforcement attorneys, in
34 the Northeast, in our Gloucester Office.

35 And so we, in Silver Spring, are no
36 longer handling Northeast cases, which frees us
37 up to do our other work. So in the last year,
38 we were able to, Frank, was able to get approved,
39 the backlog plan that we had developed, to
40 recommending disposition of a lot of cases, that
41 had been referred from the Southeast and
42 Northeast regions.

43 That plan was approved. Those
44 cases are moving forward. And since September,
45 the Enforcement Section has issued notices of
46 violation and assessment in 12 cases, and
47 written warnings in an additional 20 cases.

48 Not all of those 12 cases are from

1 the backlog plan, some are newer cases. There
2 are also 27 HMS cases, pending in our office,
3 that have been referred from, either Coast
4 Guard, or the Office of Law Enforcement, that are
5 awaiting charging.

6 I broke these down by count. Later
7 on, I apologize, because we didn't get this done
8 in time to put it on the web, but I can give it
9 to the HMS Management Division, after this, and
10 you can also email me for a list.

11 But I broke down the cases by count.
12 Many cases have some of the cases that I'm
13 talking about, may have an HMS count, but they
14 may have other counts, as well. Or, they have
15 several different HMS counts.

16 So the number of counts, overall,
17 exceeds the number of cases, but their listed
18 here, almost, in order of the prevalence of the
19 type of violation.

20 MR. MCCREARY: Meggan, excuse me,
21 your use of the word, count, you mean, the type
22 of infraction?

23 MS. ENGELKE-ROS: Yes, I'm sorry.
24 So when we --

25 MR. MCCREARY: It's not a numerical
26 count?

27 MS. ENGELKE-ROS: Right, the type
28 of infraction. When we charge cases, in a
29 single notice of violation and assessment, we
30 may be charging the violator with multiple
31 counts.

32 So for example, a violator may, a
33 fishing vessel may be charged with fishing
34 without a permit, and fishing without VMS, or
35 fishing without a permit and having prohibited
36 species onboard, sometimes a large number of
37 counts.

38 The vast majority of counts, that
39 were charged during this time period, were
40 shark-related counts, and then it sort of goes
41 down from there. The vast majority were sharks,
42 26 counts, were shark-related.

43 We had 15 counts each, for reporting
44 in false statement violations and gear
45 infractions. Ten counts involving purchase and
46 sale.

47 Thirteen counts involving
48 swordfish, billfish, and BAYS tuna. Nine

1 involving bluefin tuna. Five involving
2 observer violations.

3 Three involving vessel monitoring
4 system violations, and two that I couldn't
5 figure out where else to put them, that were
6 charter/headboat, no permit cases.

7 I kind of, went through them and
8 tried to identify the most common types of
9 violations, that we're seeing, under each of
10 those headings.

11 With sharks, the most common one is
12 finning and using sharks as bait, but we also had
13 a prohibited species case, during this time
14 period, also exceeding the catch limit, and no
15 permit.

16 There are no permit violations,
17 pretty much, across all of these categories. In
18 bluefin tuna, we had undersized, no permit,
19 failure to maintain improper form.

20 In the purchase and sale category,
21 which involves sale to non-permitted dealers,
22 and sale of recreationally caught fish, that,
23 obviously, could be across species type, and we
24 don't have it broken down that way.

25 The gear violations included,
26 possession of j-hooks, improperly marked gear,
27 live bait, live bait wells onboard, unauthorized
28 gear, and failure to have sea turtle safe
29 handling and release equipment.

30 We also had a few observer
31 violations, including fishing without an
32 observer, when selected, and submitting false
33 reports, and failure to have a Coast Guard safety
34 decal, when you're selected for observer
35 coverage.

36 I did want to point out that, part
37 of the effort that we've made to be a bit more
38 transparent in the Enforcement Program, is that
39 a lot of information about the Program is now
40 available on our website.

41 Our penalty policy, our penalty
42 schedules, which are the schedules that we use,
43 that assign a certain penalty range, to a type
44 of, a particular kind of violation, have always
45 been available on our website.

46 But in the past couple of years,
47 we've developed a national penalty policy that,
48 not only includes matrices that lay out the

1 penalties, that are assigned to violations,
2 under all of the statutes, that we enforce.

3 But also, a pretty lengthy
4 explanation of exactly how those matrices are
5 applied by the enforcement attorneys, including
6 things like how prior violations are considered
7 in making a penalty assessment.

8 So it's kind of a lengthy document,
9 but it has a lot of information about how we
10 charge cases. In addition, we are now
11 publishing, on the website, charging
12 information. It's done chronologically.

13 So for a particular quarter, we post
14 online all the NOVAs that were issued, what the
15 violation was, what the NOVA amount was, as well
16 as written warnings.

17 We also, recently, published a
18 National Summary Settlement Schedule, which is
19 pretty good news, for HMS in particular. It
20 includes, a lot of new violations that hadn't
21 previously been available for summary
22 settlement. And I'll talk a little bit more
23 about summary settlement in a second.

24 Administrative enforcement
25 decisions are also available on our website,
26 which includes the initial decisions that are
27 issued by the Administrative Law Judges, who
28 hear our cases.

29 Currently, our cases are being heard
30 by Administrative Law Judges, from the
31 Environmental Protection Agency. It also
32 includes Administrator's Orders, which are
33 usually when a respondent appeals from an ALJ's
34 decision, they may ask for administrative
35 review.

36 And the Administrator of NOAA makes
37 an order in a case. And there are also, Federal
38 Court decisions, in our cases, that have gone up
39 on appeal, that are available online.

40 Also, our Procedural Regulations,
41 that govern administrative enforcement
42 proceedings, which include, what, sort of, what
43 the effect is, of having a NOVA, or written
44 warning issued, and what the rights are for a
45 respondent, who's had one, as well as just more
46 detailed information, about exactly what our
47 process is, those available online too.

48 So I've kind of highlighted, our

1 website is not the most user friendly thing, but,
2 so I've tried to highlight where some of these
3 things are on the website.

4 So to get back, a little bit, to
5 summary settlements, years ago, in doing one of
6 these presentations, we kind of walked through
7 what the variety of options are for charging
8 cases, under our Administrative Enforcement
9 System.

10 But, basically, there are a few
11 different levels of Enforcement action, that the
12 Office of General Counsel and the Office of Law
13 Enforcement can take.

14 One, is to, and this is for
15 administrative cases, so cases that are not
16 being referred to the Department of Justice for
17 a criminal prosecution.

18 But if a case is being handled
19 administratively, a notice of violation and
20 assessment might be issued, by my office, which
21 might have with it, a notice of permit sanction,
22 or a notice of forfeiture, if illegal catch has
23 been seized.

24 But for some lower level violations,
25 we have available two things, one is summary
26 settlements, which is a tool that's really only
27 used by the Office of Law Enforcement, which is
28 a mechanism, by which, our authority to charge
29 cases, is delegated to the Office of Law
30 Enforcement for certain kinds of, generally,
31 lower level, but not always, and generally, less
32 complicated violations.

33 And they charge those cases, either
34 on-scene, or pretty shortly after the violation
35 happens, so it's a good tool for expedited
36 enforcement, and more timely law enforcement.

37 I think that, Delisse may have given
38 a presentation on eDealer, and we're hoping
39 that, for some of these dealer non-reporting
40 issues, for example, where violations might be
41 reoccurring, on a weekly basis, that timely law
42 enforcement action will be helpful, in trying to
43 address some of that.

44 A summary settlement is, basically,
45 like a ticket. So it offers a compromise
46 penalty, that is, generally, considerably less
47 than what the penalty would be if the case were
48 referred to my office for a prosecution. And,

1 basically, the respondent has 30 days to either
2 accept that offer, or the case is referred.

3 When the penalty policy, the Summary
4 Settlement Schedule was amended, in July, to
5 develop a national Summary Settlement Schedule,
6 which was a departure, because up until then,
7 we'd had Summary Settlement Schedules for each
8 region, that were different, but now we have a
9 national one.

10 When it was amended, a lot of
11 violations were added to it, that are useful for
12 HMS, including, ones related to recreational
13 fishing, which had previously not been
14 available, especially in the Southeast region.

15 And for dealer violations, which was
16 particularly intended to address some of the
17 issues that we've been having with international
18 trade permits and with the eDealer reporting
19 violations.

20 This is completely illegible, I
21 realize, but I'm hoping, that if people are more
22 interested, in the specifics of some of the cases
23 that have been charged, they can pull it off of
24 this presentation.

25 I'm happy to email it, or maybe they
26 can get it from HMS. This kind of just walks
27 through what all the cases are, that we've had
28 in the last year.

29 MR. MCCREARY: Let's pause and ask,
30 if there are any clarifying questions on what
31 you've presented, so far? Bob.

32 MEMBER HUETER: Yes, Bob Hueter,
33 Mote Marine Lab. Thank you, Meggan. Thanks,
34 for the clarification, first, on our discussions
35 with Mexico.

36 And in the spirit of, again,
37 helping, there are a number of independent
38 organizations, including my laboratory, that
39 have worked in Mexico for the last 20 years, that
40 have a working relationship with CONAPESCA,
41 INAPESCA.

42 And if there's any way, for us to
43 contribute to the process, and help facilitate
44 it, I'd be happy to discuss that. I think, we're
45 going to try to meet with somebody with HMS,
46 later, to talk about that, and some other things.

47 But, could you provide any further
48 detail on the finning violations? Because,

1 this is very important to me. I have stepped out
2 and stood up for the commercial fishermen in the
3 United States, in terms of their use of fins, in
4 the market.

5 And I do that, with the confidence,
6 that we have anti-finning laws. And finning is,
7 generally, not occurring in any major way.

8 So I would like to know, where this
9 is happening, are there any trend areas, are
10 these very isolated incidents, what's the extent
11 of the penalties that are incurred, anything
12 else, that you can provide, in this forum, or
13 maybe, talk to me separately.

14 MS. ENGELKE-ROS: I would say, that
15 geographically, at least, I think we're seeing
16 those cases, primarily, Southeast region, and
17 mainly, in the Gulf of Mexico.

18 I know that some of the violations,
19 that we've been seeing, are shark finning that's
20 occurring on non-HMS vessels, like, shrimp
21 trawlers, that are found with a plastic bag full
22 of fins, hidden under the stairs. Those kinds
23 of issues.

24 That's been a pretty significant
25 trend, that I've heard, from one of our agents,
26 who works down in the Louisiana area, Steve
27 Campbell, who, I think, has been at these
28 meetings before.

29 I don't know, other than that. I'm
30 trying to see if I can pull up one of these cases.
31 I don't remember what, I could probably provide
32 you more specific penalty information on,
33 exactly, what was being charged, for shark
34 finning, offline. But it is a violation that we
35 take really, really seriously, so it's not a low
36 dollar value penalty.

37 I'm trying to see, the problem is,
38 that on the charging information, that I pulled,
39 for this presentation, it's the aggregate for
40 the entire case, so finning may have only been
41 one of the charges.

42 MR. MCCREARY: It does sound like an
43 offline conversation would be useful, though, on
44 several points. Jeff.

45 MR. ODEN: Thank you. Jeff Oden,
46 NCFCA, North Carolina Commercial Fisheries
47 Association. On the, you know, the
48 recreational versus commercial, first off, let

1 me say that, we're thankful in the industry, to
2 finally have a uniform penalty phase, anyway.

3 I mean, at least everybody knows
4 where we're at, I guess, or soon will. I would
5 like to see a copy of, you know, how fines are
6 assessed in this.

7 But, secondly, my question is,
8 recreational versus commercial, how uniform is
9 that? And, other words, if similar infraction,
10 what is the penalty phase, commercial versus
11 recreational, would it be the same?

12 MS. ENGELKE-ROS: Well, it isn't
13 that it is -- in our penalty assessment process,
14 we account for economic benefit of the
15 violation.

16 So in that way, commercial activity
17 is, you could read commercial activity, as being
18 penalized more harshly, only because, the
19 penalty always accounts for the economic
20 benefit.

21 So if, for example, same undersized
22 fish, but one person sells it. The benefit they
23 got, from selling that fish, would be calculated
24 into the penalty policy.

25 The commercial versus recreational
26 thing, has been more of an issue in non-HMS
27 fisheries, in the Southeast, in particular, is
28 where I've heard it come up. But we do take into
29 account, to some extent, whether or not that
30 there is commercial benefit.

31 MR. ODEN: Well, to that point, I
32 have heard of recreationally caught bluefin tuna
33 being sold, on more than one occasion, and if
34 it's being sold, is that not a commercial
35 violation, as well, I mean, same, are you going
36 to give that individual, recreational
37 individual, a bye, or essential bye, and
38 penalize me differently?

39 MS. ENGELKE-ROS: No, I'm sorry.
40 How we determine, whether or not a violation is
41 recreational or commercial, depends on the
42 violation itself.

43 So in that scenario, the person
44 would have obtained an economic benefit, from
45 their violation, and that would be calculated.
46 We don't do it by permit type, or anything like
47 that.

48 MR. ODEN: Thank you.

1 MR. MCCREARY: Good clarification,
2 thank you. Dewey.

3 MEMBER HEMILRIGHT: I got a
4 question about hooks, some people had some
5 violation of hooks onboard. If you're pelagic
6 longline fishing, are you allowed to have
7 j-hooks aboard your boat, that you do other
8 fisheries for?

9 MS. ENGELKE-ROS: Not in the Gulf of
10 Mexico, those are the, at least, not in the Gulf
11 of Mexico, I'm not sure about elsewhere. It's
12 part of the restrictions on live baiting.

13 MR. MCCREARY: Okay. I have Scott
14 Taylor, and Rusty.

15 MR. TAYLOR: I was recently
16 involved with a recreational bluefin tuna, that
17 was transferred to a commercial fisherman in
18 South Florida, and delivered to us, as the
19 dealer. I know that the case was prosecuted,
20 and there was an opportunity for it to be a
21 fairly high profile.

22 And it goes to the question that was,
23 you know, asked here, is that we found ourselves
24 in a position, as a dealer, to where we
25 potentially could have been compromised, as
26 well, by this activity.

27 And, I think that, this is more of
28 a comment on the circumstance, because we've had
29 this discussion about Enforcement,
30 particularly, down in the South Florida area,
31 before, where there's this type of activity that
32 goes on, where there's recreational fish, that
33 are almost routinely transferred to a commercial
34 fisherman, then delivered to a dealer.

35 And that, while the incident got a
36 reasonable amount of press, locally, I think,
37 that the press was kind of misdirected down
38 there, and that the opportunity was lost.
39 Because there was not a clear message that was
40 really sent to the commercial sector about, you
41 know, this type of activity.

42 And that there's a lot of different
43 mechanisms, in which, NOAA and OLE has the
44 ability to communicate with the commercial
45 constituency.

46 And I think that that opportunity
47 was lost, in this particular occasion. We've
48 been looking for this type of an enforcement

1 action --

2 (Off microphone discussion)

3 MR. TAYLOR: -- with this type of an
4 Enforcement, you know, action, how long we've
5 been looking for a kind of high profile case,
6 like this.

7 That there's been, you know, several
8 opportunities that kind of have slipped through
9 our fingers, for lack of a better description,
10 down there, to send a clear message.

11 And these fish would not, otherwise,
12 make it from the recreational sector, to the
13 commercial sector, without the cooperation of
14 these, you know, of the other commercial
15 fishermen.

16 And as a permit-holder, and also as
17 a dealer, I kind of, you know, wear two hats.
18 Because we find ourselves in this situation,
19 that we were alarmed enough that it actually was,
20 and I have no problem with saying it, that it was
21 our company that called Enforcement,
22 immediately, on top of Margo and Brad, and
23 everybody else, because I found myself in
24 possession of a bluefin tuna, after the fact,
25 realizing that there was a problem with the
26 permitting on the fish.

27 So my comment is, is that when you
28 have these cases, and in speaking to, you know,
29 OLE, and Omar Purcell, and Maria Trenti, and some
30 of the other people, down there, that have also
31 been extremely frustrated, by the lack of action
32 from Enforcement, once cases are kind of, passed
33 along in there.

34 That when there's an opportunity,
35 that you all investigate some sort of a
36 mechanism, so that the people that need to know
37 about this, can hear about what's happening,
38 firsthand, rather than, sort of, through the
39 tempered gristmill, for lack of a better
40 description. You know, to where one fisherman,
41 that may be in trouble kind of you know, tempers
42 exactly what happens.

43 MR. MCCREARY: Okay. Thank you,
44 Scott. So you're giving advice about a
45 teachable moment and communication
46 opportunities.

47 MR. TAYLOR: And a lost
48 opportunity.

1 MR. MCCREARY: Yes. Good. Thank
2 you.

3 MS. ENGELKE-ROS: Thank you, that
4 was a helpful comment. Randy, actually, came to
5 correct me, in my, or add on, to my response, to
6 Dewey's question, about j-hooks. Actually, if
7 you have greenstick gear onboard, you can have
8 20 j-hooks onboard, so it's not like a full on
9 ban.

10 MEMBER HEMILRIGHT: So you can have
11 both, circle hooks, for pelagic longline, and
12 j-hooks, on at the same time?

13 MS. ENGELKE-ROS: Yes, and there's
14 a size limit, they can't be any smaller than
15 one-and-a-half inches.

16 MR. MCCREARY: Thank you.

17 MS. ENGELKE-ROS: Thanks, Randy.

18 MR. MCCREARY: Rusty.

19 MEMBER HUDSON: Rusty Hudson,
20 Directed Sustainable Fisheries. Hi, Meggan.
21 I'm looking at the Agenda, it says, Enforcement
22 Update 1, Enforcement Update 2, and we've
23 already seen the Coast Guard HMS Update, is this
24 1 or 2, right now?

25 MS. ENGELKE-ROS: I guess, this is
26 one-and-a-half, because John Reghi, from the
27 Office of Law Enforcement, is going to talk to
28 you, as soon as I'm done.

29 MEMBER HUDSON: Okay, with that
30 said, I definitely would like copy. I'll
31 provide my email address and stuff. At the same
32 time, the turtle mitigation kits.

33 I've been having to do a lot of
34 outreach, particularly, with the re-fish
35 fishery being mandated in South Atlantic Council
36 Region, and has been, previously, in the Gulf of
37 Mexico Region, that they have to have the same
38 kit, that the highly migratory species people
39 have to have.

40 The only thing is, they don't have
41 to go to a workshop and have a three-year
42 certification. Now, with that said, are these
43 people, totally out of compliance, with not
44 having the turtle mitigation gear onboard, or
45 are they simply missing a component?

46 MS. ENGELKE-ROS: I see Frank
47 shaking his head, so I think, that the answer is,
48 that they are missing some components, one or

1 more components, but not all.

2 MEMBER HUDSON: Okay. And also, I
3 understand, because I've been having to look
4 into the private recreational just having a
5 de-hooking device, in order to deal with things
6 in the Gulf and the South Atlantic Region, here
7 more recently.

8 But this also concerns the for-hire
9 sector, that also has to have the full turtle
10 kits onboard the boats, from Texas to North
11 Carolina, at least, if they're in possession of
12 whatever permits, from the South Atlantic
13 Council, Gulf Council.

14 But, I'm told, that Law
15 Enforcement's going to have a query system,
16 that'll be up and running soon, so that if I
17 wanted to look into a region, I could be able to
18 look into turtle mitigation gear.

19 Otha Easley, was, I guess, normally,
20 would be here, or, Jeff Radonski. But that, I
21 assume, is supposed to be coming online soon, is
22 what he told me, in the past week, probably,
23 within a month or two, or something. Do you know
24 much about that query system?

25 MS. ENGELKE-ROS: I don't know
26 anything about that query system. But, I'm
27 happy to pass along the question, and get back
28 to the group. But if you heard it from Jeff,
29 maybe it's a regional thing.

30 MEMBER HUDSON: Well, I got it from
31 Otha. But essentially, I'm looking at the idea
32 of being able to visualize by, whether you do
33 stuff in quarters, or if you do stuff in this
34 year, if it's by sector, you know, by, you know,
35 those type of situations, I'm just trying to be
36 able to look into it.

37 Because, we've been trying to do a
38 lot of outreach with NMFS, with regards to all
39 these re-fish people. I know that the schedule
40 of penalties is not near as severe, as an
41 Endangered Species Act, just for the private
42 sector.

43 But when you get into that for-hire
44 sector, and the commercial, snapper/grouper
45 permit owners, re-fish permit owners, and the
46 HMS people, those are substantial permit, I
47 mean, substantial violations, and you know, you
48 can see some of the fines up there.

1 MR. MCCREARY: Okay. Thank you
2 very much. So a time check. We were quite a bit
3 ahead of schedule, and now we are not, but we are
4 on-schedule.

5 So I want to ask, all of you, to be
6 concise. And we do have two more presenters we
7 want to hear from. Jeff, did you have another
8 question, or comment?

9 MR. ODEN: I do. One other the
10 question. There seems to be a double standard
11 here, from, you know, my perspective, having
12 been part of the South Atlantic, you know, issue
13 on a recreational sale on bag limits.

14 And, I mean, you know, we find
15 ourselves with numbers, and safety gear, and all
16 this, that we have to have to comply, to be able
17 to sale our catch.

18 And yet you have an essentially
19 quasi commercial fishery that I'm not sure if
20 they've addressed all the issues, yet, with
21 recreational, I know they're trying, but still,
22 I mean, you have this element out there cruising
23 around, with no numbers down the side of their
24 boats, which essentially they go undetected.

25 And I feel like, we get a little bit
26 more scrutiny than the average, you know,
27 recreational boater. I know that from a fact,
28 this past week, well, about three days ago, I had
29 the Coast Guard on my vessel, as well.

30 But anyhow, I'd just like for you all
31 to comment on, how you all feel about allowing
32 recreational bag limit sales. And, you know,
33 they're going under the radar, we're not, it
34 doesn't seem fair.

35 MS. ENGELKE-ROS: I mean, I don't
36 know that I have a good response to the concern
37 that you're raising, but I fully understand your
38 frustration, as was pointed out a little while
39 ago.

40 It's, certainly, something that
41 we've been talking about, for a long time, with
42 the HMS Management Division, and all of our
43 Enforcement components, about how to address
44 these rec sale issues. So it's an important
45 issue to us. But it's also one that is
46 complicated to address, effectively.

47 MR. ODEN: Well, should you all not
48 take the lead and tell the South Atlantic, no

1 recreational bag limit sales? I mean, hey,
2 wouldn't that be the easiest way?

3 I mean, right now, they have
4 amendments out there, and they're requesting
5 public comment. Well, the public's, probably,
6 going to say, no. You know, I mean, I don't
7 know. Anyhow, I'm just, my observations.
8 Thank you.

9 MR. MCCREARY: Thank you, Jeff.
10 Rick.

11 MEMBER WEBER: Jeff, I don't know
12 the details of, Rick Weber, I don't know the
13 details, of what you're talking about. But, in
14 general, my feeling is, those are not
15 recreational sales, so much as they are, illegal
16 commercial fishermen, that are un-permitted.

17 You know, I mean, at the point they
18 want to sale, they're not doing it for recreation
19 anymore. And there ought to be a good category
20 to catch them in. But if they're selling, it's
21 not recreational, at that point, you know,
22 that's IUU.

23 MS. ENGELKE-ROS: Thank you, for
24 clarifying that. That was a good way of
25 summarizing what I, actually, was trying to get
26 at, which is, it's the conduct that drives the
27 charging, not the permit type.

28 Unfortunately, it seems like some
29 people, you know, when they land a particularly
30 valuable fish, I think, sometimes temptation
31 gets the better of them.

32 MR. MCCREARY: Exactly. Well,
33 lets continue with our presentation now. And we
34 have two more presenters to hear from. John,
35 are you next?

36 MR. REGHI: Yes. Okay. Hello
37 everyone. My name is John Reghi. I'm a Special
38 Agent with NOAA Fishery Office of Law
39 Enforcement, assigned to Headquarters. I
40 handle SF and HMS issues. I'm going to do your
41 Enforcement Briefing today.

42 First and foremost, just to talk, a
43 little bit, about what's happening at
44 Headquarters. I'm sure, Ms. Ortiz, touched on
45 the eDealer Program.

46 We're going to be running Summary
47 Settlement Enforcement Operations, out of
48 Headquarters. I'm leading that Program, right

1 now.

2 And, I'm sure, when they spoke about
3 the Summary Settlement Penalty Schedule for
4 that, it's enhanced, it starts off at \$1,000,
5 accrues to \$2,000, then \$3,000, and then it goes
6 to NOVA, and that's for the dealers, who either
7 failed to report, or report late.

8 So we've conducted an extensive
9 period, between HMS and OLE, of education and
10 outreach with industry. And we're going to be
11 moving slowly, and progressively, towards
12 issuing fines to try and stem the tide, to make
13 sure, that our reporting is accurate.

14 Shifting to the Northeast
15 Enforcement Division. We've had a New Jersey
16 recreational fishing vessel, that was issued a
17 \$500 Summary Settlement. That was by a NOAA
18 Enforcement Officer, that was for fishing
19 without a validationous HMS permit.

20 Also, in the Northeast, we had OLE
21 and the Coast Guard, they conducted a boarding
22 and inspection, that was of a recreational
23 fishing vessel.

24 And it was found to be in possession
25 of yellowfin tuna and dolphinfish, mahi-mahi.
26 There were no HMS angling permits onboard.

27 Earlier, we talked about conduct
28 driving the charging segment. The captain
29 indicated, that he did not take money for the
30 charter. However, there was some bartering
31 that's been detected, so OLE's still reviewing
32 this with General Counsel, and --

33 MR. MCCREARY: Steve, let's just
34 hang on, until the presentation's done.

35 (Off microphone discussion)

36 MR. MCCREARY: We'll take your
37 question, as soon as John's finished. John, go
38 ahead.

39 MR. REGHI: Okay. Okay, also, in
40 the Northeast, we had OLE Special Agents
41 responded to a hotline complaint. That was
42 concerning a seafood dealer, who was selling
43 illegally caught tuna, to area restaurants.
44 That investigation's ongoing.

45 Even though, we have limited
46 resources, that are stretched right now, due to
47 a number of operational issues and
48 sequestration, we are still trying to focus on

1 illegal sales, as they occur, when and where
2 resources are available.

3 Also, we had a Maryland OLE Agent
4 respond to a complaint that was concerning the
5 landing of a hammerhead shark, that had been
6 posted online. The shark was abandoned at a
7 dump site in Worcester County, Maryland.

8 We also had Special Agents
9 investigate a recreational HMS fisherman. That
10 was for allegedly selling his catch to a local
11 area store.

12 We also had an HMS charter vessel
13 reportedly keeping over-the-limit bluefin tuna.
14 That was a hotline complaint that came into our
15 office.

16 And in Maryland, we had Enforcement
17 Officers issue a violation to a general category
18 vessel for landing yellowfin and albacore with
19 both heads and tails removed.

20 Regarding education outreach, we
21 had our Enforcement Officers monitor the South
22 Jersey Marina's 33rd Annual Shark Tournament.
23 We also had Enforcement Officers, from the
24 Northeast Division, conduct dedicated off-shore
25 patrols, focusing on bluefin tuna compliance.

26 And we had outreach conducted with
27 HMS vessel operators. And that was consistent
28 with completing the delivery of their tagging
29 data, for an HMS cruise, and they released during
30 a ten-day trip period.

31 Down on the Southeast Enforcement
32 Division, their assets and resources are
33 focused, primarily, on, again, turtle excluder
34 device enforcement operations.

35 And, hopefully, by next reporting
36 time, with the Advisory Panel, I'll have some
37 other investigations on HMS species to report to
38 you.

39 There are some active shark finning
40 investigations, that are underway, and nearing
41 completion, and because they're open, I can't
42 discuss those, at this point.

43 MR. MCCREARY: John, thank you.
44 Steve.

45 MEMBER THOMAS: Go back to your
46 slide on dolphinfish, please.

47 (Off microphone discussion)

48 MEMBER THOMAS: One more.

1 (Off microphone discussion)
2 MEMBER THOMAS: The bottom one. No
3 HMS angling permits onboard, since when is it
4 required to possess dolphin to have a permit?
5 (Off microphone discussion)
6 MR. REGHI: Well, again, the
7 species had yellowfin tuna onboard, plus, we had
8 developed information that there was some
9 exchange of either, services, or money, or
10 bartering, that commercialized the aspect of
11 this.
12 So again, just in the, you know,
13 interest of transparency, we thought we'd put
14 this up there, just to let you know, what we
15 encounter, when we're out working the docks.
16 MEMBER THOMAS: I'm just interested
17 in a clarification.
18 MR. REGHI: Yes, sir.
19 MR. MCCREARY: Okay. Thanks. Any
20 other questions, for John? If not, we have one
21 more presentation, or no?
22 (Off microphone discussion)
23 MR. MCCREARY: Oh. We're all set.
24 We're on-schedule, Margo. So our
25 Administrator, Acting Administrator, Sam Rauch,
26 is slated to be here at 1:15 p.m., so we'd like
27 to be attentive, and respectful, and present, so
28 we'll send you out to lunch.
29 There are many lunch options
30 available. One of them is here in the
31 restaurant. There is a lunch buffet available,
32 if you want to stay onsite. And there are many
33 places within very short walking distance.
34 Margo, anything else?
35 MS. SCHULZE-HAUGEN: No, I'll see
36 you at 1:15 p.m.
37 MR. MCCREARY: All right, see you at
38 1:15 p.m., thank you. Thank you, all, very
39 much, well-done.
40 (Whereupon, the meeting went off the
41 record at 12:01 p.m. and resumed at 1:17 p.m.)
42
43
44
45
46
47
48

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14
- 15
- 16
- 17
- 18
- 19

A-F-T-E-R-N-O-O-N S-E-S-S-I-O-N

1:17 p.m.

1
2
3 MS. SCHULZE-HAUGEN: If folks could
4 take their seats, we'll get started. If folks
5 could come in and take their seats. I see at
6 least two new faces from this morning. So I'd
7 like to welcome Ron Coddington. Thank you for
8 joining us. And Shana Miller, thank you. Is
9 there anyone else? No. Doesn't think so.

10 And so I'd like to take this time to
11 thank Sam Rauch for coming. He's the Acting
12 Assistant Administrator for Fisheries, very
13 busy man. But I think he shares our interest in
14 a HMS Fisheries.

15 And has a few words for you. And I
16 think he will hopefully have time for some
17 questions at the end if you have any.

18 MR. RAUCH: Yes, I do hope to. I'm
19 just going to speak for a few minutes and then
20 I'll take whatever questions. Thank you for
21 coming to this meeting. It always impresses me
22 how people find the time during fishing seasons
23 and all that, to spend the time here, when they'd
24 rather be out on the water. So thank you for
25 that.

26 I wanted to start with a bit of a
27 national perspective and then I'll talk a little
28 bit about the HMS perspective. Nationally last
29 year was a very good year for the fishing
30 industry.

31 The combined value of the
32 commercial, recreational fisheries was in the
33 hundreds of millions of dollars for seafood,
34 seafood processing, seafood catching,
35 recreational fishing. And supported almost 2
36 million jobs. In the broader economy, not just
37 fishermen, but jobs.

38 That was a very good year. The
39 landing were the second highest on record, and
40 the revenue was the highest on record. We also
41 rebuilt six stocks last year, which is the most
42 we've ever built, rebuilt in a single year.

43 We're make, we've put in place our
44 over fishing limits, so it's sustainable. It
45 has come, there are certain fisheries in which
46 the fishermen are still paying the price for
47 sustainability, in terms of short term economic
48 reductions.

1 But overall nationally it's good
2 news. Nationally we've been able to achieve our
3 objectives, rebuild the stocks. We can
4 credibly say that we're the most sustainable --
5 sustainably managed fisheries in the world.
6 And those things are all very good.

7 At the Commerce Department, I wanted
8 to briefly talk about the acting before my title
9 and what that means. We have a new secretary,
10 Secretary Pritzker who started about two months
11 ago, now.

12 We have Dr. Lubchenco, since you
13 last met, Dr. Lubchenco has left the agency as
14 head of NOAA. Right now, NOAA is being headed
15 by Dr. Kathryn Sullivan who has been nominated
16 to be the new head of NOAA.

17 She's not had her confirmation
18 hearing yet. But we're hopeful that, that will
19 happen soon. One level between Dr. Sullivan and
20 the Fishery Service, is a Assistant Secretary
21 for Conservation and Management.

22 That position had technically been
23 vacant for a while. Eric Schwaab held that
24 position for a year and a half before he left to
25 go join the National Aquarium. He was only ever
26 Acting, in that position.

27 They have now, have a permanent
28 person there, a Mark Shaefer, who for a while in
29 the Clinton Administration, was with the Clinton
30 Administration as a political appointee. Has
31 been with NatureServe and the Institute for
32 Environmental Resolution, he started last week.
33 So we look forward to that.

34 And then at some point, as I was
35 telling someone here, I am normally the Career
36 Deputy for Regulatory Programs. And I am
37 sitting, acting in a political slot. So at some
38 point, the political folks will decide to
39 appoint a political person to that political
40 slot. And then I'll go back to being the Career
41 Deputy.

42 I do not know when that will happen.
43 That could happen, that person, that slot does
44 not have to be politically senate confirmed. So
45 it could happen very quickly, or they could take
46 their time. And I don't know. The President
47 does not consult with me on these kind of things.

48 So now to HMS. So it's been a while

1 you met as the full group. I think I talked to
2 a subset of this group in January maybe,
3 something like that. But the full group hasn't
4 met for a while. And so I know there's a lot of
5 things on your agenda.

6 There's a lot of thing we want to
7 talk about. And HMS has been very busy. Over
8 that time they're currently working on five
9 amendments over the last year. And a number of
10 rules, which is a big deal for what is in reality,
11 relatively small staff wise, division within the
12 agency.

13 But I know they value this meeting.
14 I value this meeting as the way that we can get
15 constructive helpful input, the way that we
16 communicate in both directions. And so I
17 encourage you to work with them, with us.

18 And when we're telling you we want
19 to hear from you, we're being honest about that.
20 We really do want to hear from you and we take
21 what you say here. And it strongly influences
22 what we do on the back end.

23 I know that you're going to be
24 talking about Draft Amendment 7. You've got all
25 day tomorrow, part of today talking about that.
26 It's a big deal. We know it's a big deal. It's
27 good to take the time to work through all the
28 details of that.

29 I, there's been a number of requests
30 that we've gotten to extend the comment period
31 on that. And we're looking at the ability to try
32 to extend it to until December. Can't guarantee
33 that's going to be done. That's what we're
34 attempting to do. I don't think we can extend
35 it much beyond that.

36 We need to actually take action.
37 And so you could always delay things
38 indefinitely, but we need to take some action at
39 some point on this rule.

40 And so that's about the extent to
41 what we think we can do. So we're looking to do
42 that. Hopefully we'll be able to announce
43 something like that shortly.

44 I'm not going to talk about the rest
45 of the agenda. You've had a brief agenda
46 overview. I know you've got a lot of things to
47 do. One of the things that I am particularly
48 excited about is that we're able to bring Russ,

1 Russ is not here today is he?

2 But he's coming, he's our Senior
3 Recreational Policy Advisor. He's a position
4 that we created when we did our Recreational
5 Action Plan. He's going to come and talk about
6 the recreational aspect. And he is really, his
7 position has highlighted the importance of
8 recreational fishing within the agency.

9 In terms of job growth last year, the
10 commercial fishery was basically steady, but we
11 saw, I think, a 20 percent increase in
12 recreational fishing related jobs last year.
13 That's hugely important to the economy.

14 It's something that historically at
15 one time, we might have not given full credit for
16 it. We are very strongly understand the value
17 that recreational fishing has to the economy.
18 Russ will tell you about that.

19 So let me stop with my little speech,
20 and I don't think you came here to hear me talk
21 like that, and see if there are any questions
22 that you have for me on anything here.

23 If it's a detailed question on the
24 agenda, I might defer it, because you're going
25 to have two full days, or two and a half days
26 after this. But more generally feel free to ask
27 me whatever you'd like.

28 MR. McCREARY: Rich.

29 MEMBER RUAIS: Thank you very much.
30 And thanks, sir for spending some time with us,
31 Sam. I guess the question I want to ask, one of
32 the questions I want to ask is about funding.
33 And specifically about funding of the ICCAT
34 Advisory Committee.

35 You know it's, I think we've, the
36 committee, and I hope I'm not speaking out of
37 turn with our Chairman right across this table
38 here, but the budget has been so tight that the
39 role of the technical advisors has really almost
40 gone away.

41 Because the committee cannot fund
42 their attendance at those meetings. John can no
43 longer really hold regional meetings to be able
44 go out to the communities at large.

45 So we've suffering from that
46 perspective. And then the other part of that
47 is, I don't think you can do anything about the
48 commissioner travels themselves.

1 Our Commercial Commissioner, for
2 example and I'm sure the Recreational
3 Commissioner, have not been able to follow, tag
4 along with the Commissioner Russell Smith to a
5 lot of the meetings that he's been going to,
6 bilateral, trilateral and quadrilaterals,
7 whatever they might be, at our International
8 foyer.

9 And so we're not really being, the
10 stake holders are not being represented the way
11 ATCA and Magnuson originally intended us to be,
12 because of a lack of funding.

13 So I was wondering if you could give
14 us some hope on at least the ICCAT Advisory
15 Committee getting some additional funding at
16 some point in time? And then after that, maybe
17 if there's a second round, I'd like to ask
18 another question later.

19 MR. RAUCH: So this will go for any
20 funding question I might get. I'm not going to
21 give anybody a lot of hope. Let me tell you what
22 the situation is. In 2010, the Fishery Service
23 was basically almost a billion dollar agency.
24 We've lost over a 100 million dollars in baseline
25 funding.

26 Thirteen percent of our budget and
27 that was through sequester. That, we lost most
28 of that before sequester hit. So most of those
29 were reductions in the budget before then.

30 The prospect for, so we in terms of
31 -- that's why everything's being cut to the bare
32 minimum. Right? I can't lose a tenth of the
33 budget like that without doing that. And it was
34 fairly not strategic. I mean sequester was
35 across the board. Every program got hit.

36 I wasn't able to sit there and say
37 this is a higher priority than that one. We
38 should make sure we do some things well and then
39 just completely forego other things.
40 Everything got cut regardless or merit, in
41 sequester.

42 Budgets are not done yet. The
43 budget battles that are being fought on the hill,
44 unless they get distracted by Syria, continue to
45 be protracted. We have two widely divergent
46 views of where the Fishery Services could be,
47 between the House and the Senate, and the
48 President. I guess three then.

1 All of which, the best mark for us
2 would be the Senate mark, which would still
3 include not quite back to the 2010 levels, but
4 it's getting closer. The House mark is a
5 further cut, and then sequester comes again.

6 Sequester hits every year in January
7 unless Congress does something to avoid it.
8 Congress assured everybody it wouldn't happen
9 last year, and it did. I'm not all that hopeful.

10 So we don't know right now, we don't
11 know, our funding runs out on October 1st. I
12 don't know what my funding is going to be for next
13 year.

14 There's some scenarios in which it's
15 better, and some scenarios in which it's worse.
16 Some in which it's stable. I'm not all that
17 hopeful that our budget is going to grow. I'm
18 hopeful that it won't shrink much more, but I,
19 it very well may shrink.

20 So I can't, I tend to get budget
21 questions, I can't offer a lot of hope. And it's
22 not because of, you know, the Fishery Services
23 is just one small piece of the overall budget.

24 People, Congress is not making
25 decisions based on where they think the Fishery
26 Services or anything that the Fishery Service
27 funds, does. We're growing or shrinking with
28 the overall view of the federal economy. So
29 it's a long winded answer. And is not a lot of
30 hope. I'm sorry.

31 MR. McCREARY: If you're brief, go
32 ahead Rich.

33 MEMBER RUAIS: Well I'm not sure
34 it's going to be that brief, but you did give us
35 --

36 (Laughter)

37 MR. McCREARY: Try really hard.

38 MEMBER RUAIS: You did give us some
39 hope on the extension of the comment period and
40 frankly the stakeholders from the northeast are
41 looking for, at much longer than a December, and
42 you provided another alternative, which is not
43 looking for an extension of the comment period,
44 but some sort of indefinite delay.

45 Or the alternative for us, that
46 we've been suggesting, is to cut the amendment
47 up into pieces that can get on different time
48 tracks. Because there is some logical, there

1 are some logical breaks between certain areas.

2 But I guess the next question again,
3 and it goes back to money, is HMS needs money to
4 hold, you know, have travel and be able to have
5 meetings of the Advisory Panel.

6 And I would suggest that if you want
7 meet these kind of what I would call, lightning
8 paced schedules, that you need more AP meetings.

9 Whether they're regional or
10 subgroups of the AP, something has to happen to
11 be able to speed up, not speed up this process,
12 do this process much more thoroughly.

13 The document amendments, the draft
14 Amendment Number 7 that you're referring to, has
15 incredibly serious consequences to the fishery
16 in terms of the historical management of it.
17 And it is without exaggerating, a major
18 revamping of the system of management for HMS.

19 And that really needs -- and the
20 public right now doesn't have a clue that we're
21 here in Washington doing what we're doing quite
22 frankly, with the exception of a few people that
23 showed up even in Gloucester with a public
24 hearing.

25 You know, we just, they just don't
26 know what's going on. And we've got do more to
27 get that word out before the changes are made.
28 Thank you.

29 MR. MCCREARY: Thanks Rich, Sam.

30 MR. RAUCH: As I said, we're, that
31 didn't appear to be there's a question in there.
32 I will reiterate, we are looking for an extension
33 until December, but we don't know whether we can
34 do that. I'm not inclined to extend the comment
35 period beyond that.

36 MR. MCCREARY: Okay, Steve.

37 MEMBER JAMES: I'll try to move this
38 into Alex Trebek form, but at some level it's a
39 comment. I'll try to convert it to a question.
40 And that is, it really pertains to your sister
41 organization, the National Marine Sanctuaries.
42 And specifically how we interoperate with them.

43 And who's got jurisdiction over
44 fishery management level issues. Because all
45 too often the sanctuaries were imposing their
46 views, their ideology with a very clean and
47 succinct agenda, which is largely in conflict
48 with the Magnuson-Stevens Act.

1 And specifically, I'll point out
2 that the Stellwagen Bank National Marine
3 Sanctuary apparently has a proposal to shut down
4 55 nautical square miles to all bottom fishing?

5 And it's one of those games where,
6 it's nuts. It's not research that's looking for
7 a home. What it is, it's a home looking for
8 research. So in my interpretation, and I'm sure
9 I don't stand alone, when I suggest that the
10 sanctuary's agenda is to try to wrest control
11 over the waterway.

12 And it is in direct conflict with
13 what the Magnuson-Stevens Act should be doing,
14 Number 1. And Number 2, they wrest control over
15 the waterway by interfering with fishery
16 management plans that are put in place by
17 National Marine Fishery Services. So where's
18 the question? What can you do to stop them?

19 MR. RAUCH: You're not going to like
20 this answer either. Well first of all, just to
21 be clear, our sister agency is the National Ocean
22 Service of which the sanctuary's a part. So
23 that's not the hard part.

24 Under the Sanctuaries Act, the
25 Sanctuary has the right to regulate fishing
26 within their sanctuary. And to the extent that
27 they do, the Magnuson process must adapt.

28 So you asked who's in charge? Within
29 the sanctuary, they are. They have to consult
30 with us, they have to consult with the council,
31 but to the extent there's a conflict, they are
32 in charge.

33 You asked what can be done to stop
34 them? This issue arose in the Channel Islands
35 National Marine Sanctuary six, or seven, or
36 eight years ago, in which we argued internally
37 that the Magnuson Act, the actions by the
38 council, this was the Fishery Management
39 Council, and the Magnuson Act process should be
40 the process, the singular process in which we
41 regulate fishing within sanctuaries. And we
42 lost.

43 And the Admiral, the head of NOAA at
44 the time, made a determination that reaffirmed
45 what frankly the statute says, which is that
46 within a sanctuary, the Sanctuaries Act is the
47 dominate role.

48 And they are required to coordinate,

1 but in the event of a conflict, the goals and
2 objectives of the sanctuaries, trump the goals
3 and objectives of the Magnuson Act. And that's
4 what we were given. And that's the situation
5 I've lived with ever since. So there's your
6 answer to that.

7 MEMBER JAMES: And you're right. I
8 didn't like the answer.

9 MR. MCCREARY: -- question, the
10 answer to which you will like? Mr. Taylor.

11 MR. TAYLOR: Scott Taylor,
12 commercial sector. The, there recently has
13 been quite a few state laws that have been
14 passed, banning the handling of shark fins.
15 That, we have a, obviously a species that's
16 regulated by the federal government that's legal
17 to retain. That essentially you have at the
18 state level being regulated right out of being
19 handled by the commercial sector.

20 I was wondering if you could comment
21 on what the agency's overall policy is about
22 that? And comment a little bit about just how
23 concerting that, that really is, beyond the fact
24 that we're just dealing with the handling of the
25 product of an HMS regulated species, but the
26 potential president that it could set for other
27 species down the line?

28 MR. RAUCH: I don't know whether
29 you'll like this answer or not. It's a
30 complicated question. So we do have both the
31 Magnuson Act and the Shark Conservation Act that
32 Congress recently passed.

33 Which allows and to a certain extent
34 requires, any shark that is landed, so it allows
35 shark fishing, as long as it can be within the
36 sustainable limits that we set. It does with a
37 few exceptions require the sharks to be landed
38 with the fins attached.

39 So we have now 11 state or
40 territorial jurisdictions that have passed
41 state laws in some manner dealing with fins.
42 Some of them prohibit the possession of the fins.

43 Which would create potentially a
44 situation where a federal fisherman, legally
45 fishing for a federally caught fish, landing it
46 in the compliance with federal law, violates a
47 state law by that simple act.

48 So that raises two questions. One,

1 is the state law preempted under the supremacy
2 clause of the constitution? We had a situation
3 recently where California had passed a law. The
4 Chinese Citizens Association challenged that
5 law in District Court.

6 The United States, on appeal, United
7 States did not participate in the underlying
8 case, but on appeal, the United States filed a
9 brief and said that the California law was
10 preempted. The Ninth Circuit, did not rule on
11 that but sent it back to the District Court.

12 So we'll have to work with that. We
13 are in the process of trying to discuss with
14 California, is there any way to interpret their
15 law so that it won't be preempted by the Magnuson
16 Act?

17 Which would mean, the first thing
18 is, the state cannot criminalize a legal federal
19 fishing operation. So we're in discussions with
20 them. I don't know whether we'll find that
21 answer or not, but that's part of our aim.

22 Then the question is -- so that's the
23 preemption question. So if the state in some
24 manner criminalizes or prohibits federal
25 fishing, it might be preempted and it's
26 complicated.

27 Then the question is, can the states
28 regulate interstate commerce like that? Can
29 they prevent the use of something that was going
30 back and forth in commerce or not? And that was
31 the other issue in California. That is not
32 something that the Fishery Service is likely to
33 take a position on.

34 We are, that is a constitutional
35 challenge to those state laws. We are the
36 experts in the Magnuson Act. I can take a
37 position on whether something is preempted or
38 not, but whether it violates the Commerce
39 Clause, is, that's for the Justice Department to
40 deal with.

41 So we're nevertheless on the
42 preemption issue, we have issued a propose rule
43 in the Shark Conservation Action, in which we
44 indicated that certain of these state laws might
45 be preempted. We have filed a brief in
46 California which indicated that at least
47 California's appears to be preempted.

48 Rather than litigate each one of

1 these individually, which is wasteful and
2 creates antagonism between us and our
3 co-regulators, we are trying to find a way in
4 which you can interpret the laws, or the laws can
5 be modified, or interpreted by their Attorney
6 Generals in a way that is not preempted.

7 So we've reached out to ten of the
8 11 jurisdictions, the one we've not reached out
9 to is Illinois. I don't know anybody in the
10 Illinois state house, yet. But all the coastal
11 ones we've reached out to. To try to have this
12 discussion.

13 And our intent is when we issue the
14 final rule on the Shark Conservation Act, if we
15 can find a way that provides some guidance to the
16 states, we'll put it in there. Because I would
17 like to not have this be a preemption argument,
18 if we can interpret them in the right way.

19 So that's where it is. It's even
20 more complicated than that, but that's enough.
21 That's where we are now.

22 MR. McCREARY: Good, excellent.
23 Thank you. Chris.

24 MEMBER WEINER: Hi, Chris Weiner,
25 I'm a bluefin harpooner out of Portland, Maine.
26 I just had a quick question. It's connected to
27 HMS because our bluefin fishery completely
28 relies on the amount of forage, especially
29 herring.

30 And I know that in New England we've
31 spent seven or eight years recently, trying to
32 get an amendment done, to impact the, mostly the
33 herring, mid-water trawlers, the pair trawlers.

34 And seven or eight years and had the
35 most seven or eight, five of those years were
36 about as grueling as you could possibly imagine
37 in terms of committee meetings, Advisory Panel,
38 council meetings, you know, and repeat, repeat,
39 and repeat.

40 And NOAA was at the table the whole
41 time, and after the council voted everything
42 through by a large margin, you know, and the
43 major things were 100 percent observer
44 coverage, and a rule on dumping, because the
45 boats can, they pump the fish aboard. So if you
46 take, they can let the bag go when it's in the
47 water and you can't see what's in it.

48 So there was a rule to address that,

1 and you know, at the end once it went through,
2 and had hundreds of millions of comments,
3 however many you got. That's probably an
4 exaggeration, but NOAA basically said, you can't
5 do it.

6 And you know, the major thing I would
7 say was, I don't know why NOAA didn't do it, but
8 one of the things that you said, you know, not
9 to get too technical, was that had, you know, the
10 industry had agreed to doing the industry
11 funding and there was cost sharing issues and all
12 these kind of issues.

13 And as well as you know, for example,
14 they said if, you can't have a dumping rule
15 because if one boat goes out and dumps, it's, and
16 then that area closes, that's unfair to the next
17 guy.

18 And you know, I would argue that,
19 that's how every quota and cap works on any
20 fishery anywhere, but the point is, is I was
21 wondering is your office looking at this, and is
22 there any solution that you see other than just
23 saying no to this?

24 And if you can't answer it, I know
25 I'm probably putting you on the spot here, but
26 all of our HMS fisheries in the northeast rely
27 on having enough forage around. And so while we
28 might not talk about it a lot here, it, we don't
29 have these fisheries without that food, so. If
30 nothing else I would urge you to reconsider or
31 at least try to help find a solution.

32 MR. RAUCH: Yes, so, let me answer
33 a couple of things on that one. First I think
34 we all agree that it is important to protect the
35 forage base of the, all the fisheries, and our
36 national fisheries are complicated in that many
37 times the forage fish are harvested themselves.

38 In order to protect the forage fish
39 is a large measure of why we have a habitat
40 program. We clearly understand the linkages to
41 that, and understand how important that is.

42 Now in terms of the herring fishery,
43 the, one of the biggest problems in the herring
44 fishery is if you're going to require 100 percent
45 observer coverage, all right, that sounds good.
46 But who is going to pay for it, right? The
47 Fisheries Service just lost \$100 million in the
48 course of 3 years.

1 It's not growing. Right? So who's
2 going to pay for that? The taxpayer? It can't
3 come out of the Fishery Service budget, because
4 I can't even afford the observers that I've got
5 now.

6 So if it's not the taxpayer, then the
7 only other choice is the industry. Right? So
8 the problem with the Herring Amendment is it's,
9 the industry didn't agree to fund it. What the
10 industry, what the council said is the industry,
11 is there's 100 percent observer coverage, but
12 the industry will pay at most, \$325 a day. At
13 most, which means that whatever the rest, has got
14 to come out of taxpayer's funds.

15 Taxpayer's funds, I don't have. So
16 I can't approve it. I can't approve an observer
17 requirement that is unfunded, which is
18 regrettable, right? We, when the fisheries
19 budget was growing, at the start of that process,
20 we were less concerned about these kinds of
21 things.

22 But now that my observer days are
23 capped, we just can't approve those kind of
24 commitments like that. So, so we had to reject
25 that part. Now, I know they are working through
26 that system to try to find a solution, and we are
27 very hopeful that we can.

28 It is -- when this process started
29 nobody envisioned we'd be in this kind of
30 financial straits right now. But we, any
31 resolution has got to come up with something that
32 does not require the taxpayer to have an unfunded
33 band-aid right now.

34 So, but we're hopeful that, I know
35 the council's working on it. I know we're
36 working on it with them, and I'm hopeful we'll
37 find the solution to that. Yes, go ahead.
38 Well, I should defer to Scott. He says it's
39 okay.

40 MEMBER WEINER: I was just going to
41 ask you, now it, say, part of the debate that has
42 gone on since, is that the 325 was a target, and
43 you know, whether it was meant to be a max or not,
44 I know NOAA interpreted it as a max.

45 So that, putting that point aside,
46 if they were to say we'll pay 100 percent, and
47 this goes for any fishery, does 100 percent mean
48 you know, whatever the sea day is?

1 You know, because we've heard from
2 certain people that well even if you pay 100
3 percent, NOAA can't do it because then there's
4 other fees and stuff. And so what does 100
5 percent even mean? I mean do you have to pay,
6 I mean, I just don't know how that works to be
7 honest with you.

8 MR. RAUCH: It's a complicated
9 question too. Right? So in Alaska, Alaska for
10 these observer things are our model. Alaska is
11 theoretically industry funded. Right? The
12 industry theoretically funds 100 percent of
13 their observer requirement. But that's not
14 actually true.

15 Because the, even in such a
16 situation, they pay for the sea days, they pay
17 for the out of pocket cost for the observers.
18 But we pay for all the analysis and the training
19 and those kind of things. And so that's part of
20 the federal responsibility for that.

21 So whenever you put any kind of new
22 monitoring system on there, it might increase
23 the taxpayer's burden. And we have usually
24 found a way to do that.

25 In a growing budget it is okay to be
26 talking about those things, but, but this is more
27 than just observers and herring. This is all,
28 what we're having to look at is all the costs.
29 Whenever any council, or we impose a burden on
30 us, we have to make sure that we can pay for it
31 now. Because I can't pay for everything
32 anymore. And it's getting harder to do.

33 That being said, what we generally
34 talk about for 100 percent observer requirement
35 is not paying for our internal costs. It is
36 those, the same kind of costs that are being
37 picked up by the industry in Alaska.

38 But it's, we're working through what
39 exactly that means. As we, going through this
40 in the Pacific with the Pacific ground fish
41 observers, as we're going to this with the other
42 New England ground fish observers, to the extent
43 that we might have one day, have to force them
44 to do, and these herring ones.

45 We're working through that issue.
46 So I can't say that we're being 100 percent
47 consistent right now. But our model, is the
48 model being used in Alaska. Whatever they're

1 paying for, that's what we are trying to
2 nationally to make sure that the industry pays
3 for.
4 MR. McCREARY: Thank you. We
5 should probably release Sam to prepare for his
6 testimony on Capitol Hill, which he's very much
7 looking forward to. And stay on track with our
8 agenda. Is there anyone who has a last burning
9 question for Sam? Or do you have a final comment
10 you'd like to make?
11 MR. RAUCH: No, just to lead with
12 questions.
13 MR. McCREARY: Okay. All right.
14 MR. RAUCH: So just thank you very
15 much. I appreciate the time that you've taken
16 out of your schedule to come here. I know this
17 is a big commitment for all of you. It's
18 important what we're talking about, to the
19 extent that Amendment 7 is a paradigm shift as
20 you called it.
21 It's really important that we talk
22 with this group, through those issues. And to
23 some extent, use this group as part of our public
24 outreach. I mean I know that group is intended
25 to give us, but there is a two-way street here.
26 You guys also represent a large sections of the
27 public and can be a forum for that. So thank you
28 very much.
29 MR. McCREARY: Sam, thank you.
30 (Off the record comments)
31 MR. McCREARY: All right. We now
32 want to turn to an update on Amendment 8 on
33 Commercial Swordfish Management. And this is a
34 tag team, Margo, I believe?
35 MS. SCHULZE-HAUGEN: Well I think
36 it's Rick, but I put Randy.
37 MR. McCREARY: Randy are you
38 joining us? Where is Randy?
39 MS. SCHULZE-HAUGEN: He may not be
40 on the line.
41 MR. McCREARY: He's pretending to
42 be an AP member. He's pretending to be an --
43 MR. PEARSON: Good afternoon. My
44 name is Rick Pearson. I work for HMS in the St.
45 Petersburg office. This afternoon we're going
46 to discuss the final rule to implement Amendment
47 8 to the Consolidated HMS FMP.
48 Quick outline, I'm going to describe

1 the background of the development of this rule.
2 I will briefly describe the alternatives that
3 were contained in the proposed rule.

4 Most of the panel members should
5 already be familiar with those alternatives, so
6 I will try to move relatively quickly through
7 those. And that would set the stage for a
8 discussion of the major comments that we
9 received on the proposed rule, as well as our
10 responses.

11 There were over 30 comment topics.
12 I'm going to touch on six of those major comment
13 topics that we received. There wouldn't be time
14 to discuss every comment that we received.

15 Then I'll describe the final
16 management measures contained in Amendment 8.
17 There's been a few questions with regards to how
18 we're going to implement that, so hopefully I can
19 clarify some of those questions. And then we
20 will discuss moving forward, essentially what's
21 next?

22 So for the background, HMS
23 Management Division as well as the Advisory
24 Panel has been discussing this topic since the
25 publication of an Advanced Notice of Proposed
26 Rule Making in 2009. There have been regular
27 discussions at many of the AP meetings since
28 2009.

29 We presented a draft environmental
30 assessment for Amendment 8 in 2012. The
31 proposed rule published in February of this
32 year, we held seven public hearings. The
33 comment period closed in May.

34 We published the final rule in
35 August, and we anticipate that the new permits
36 that are being implemented through this rule
37 making will become available in November.

38 So the purpose of Amendment 8 was to
39 provide additional opportunities for U.S.
40 fishermen to harvest the available swordfish
41 quota using selective gears that are low in
42 bycatch given the rebuilt status of swordfish
43 and their increased availability.

44 There was basically two
45 alternatives, two major alternative topics.
46 That was vessel permitting, and swordfish
47 retention limits including regional management.

48 So for the vessel permitting

1 alternatives, basically three major
2 alternatives. The first is the no action
3 alternative, which would maintained the current
4 Swordfish Limited Access Permit program.

5 The second major alternative was to
6 establish an open access commercial swordfish
7 permit. And the third major alternative was to
8 establish a new limited access commercial
9 swordfish permit.

10 And these were our two preferred
11 alternatives in the proposed rule. To modify,
12 to allow Charter Headboat vessels, to fish under
13 open access swordfish commercial regulations
14 when they were not on a for-hire trip. As well
15 as to create a new separate open access
16 commercial permit.

17 With regards to retention limits,
18 excuse me, the first, Alternative 2.1, would
19 establish a zero to six-fish limit range, and
20 codify a single limit within that range for the
21 whole coast.

22 The second alternative would
23 establish a zero to six-fish limit range, codify
24 a single limit, and establish authority to
25 modify that limit using in-season adjustment
26 criteria.

27 And the third alternative,
28 Alternative 2.3. This is our preferred
29 alternative. It would establish management
30 regions, a zero to six-fish limit within each
31 region. Codify a single limit for each region,
32 and establish in-season authority to adjust the
33 limit within each region.

34 And again 2.3 was our preferred
35 alternative. That's the one that would create
36 swordfish management regions. We developed
37 several sub alternatives to describe those
38 regions. I'll quickly go through those.

39 The first one would establish
40 swordfish regions aligned with the domestic
41 fishing areas. Essentially there are five of
42 those here. The Northeast Coastal,
43 Mid-Atlantic Bight, South Atlantic Bight,
44 Florida East Coast, Gulf of Mexico, and the
45 Caribbean.

46 Alternative 2.3.2.1 was our
47 preferred alternative. This established
48 larger regions, basically four regions. The

1 Northwest Atlantic, the Gulf of Mexico, the U.S.
2 Caribbean, and a special Florida Swordfish
3 Management Area.

4 And in this, our preferred
5 alternative, the Florida Swordfish Management
6 Area aligned with the current pelagic longline
7 closed area, Florida East Coast, with the
8 addition of an area around Key West, right here.

9 Okay, so you can see on this
10 alternative, at the 28 17 10 N latitude, there's
11 this portion here that consists of the EEZ, but
12 it would not have been included within this
13 particular area.

14 So I just want you to kind of keep
15 that in mind, right there for now. The third
16 alternative was the U.S. EEZ extending from the
17 Florida-Georgia border all the way through Key
18 West.

19 And our last alternative for a
20 region, established a , this was the smallest
21 Florida Swordfish Management Area, consisting
22 of the six Florida counties of Monroe,
23 Miami-Dade, Broward, Palm Beach, Martin, and St
24 Lucie counties.

25 And again we also included this
26 portion to Monroe county, right here. So this
27 was the smallest of the areas. So those are the
28 alternatives.

29 Now I'd like to discuss the major
30 comments that we received in response to the
31 proposed rule. We received 210 written
32 comments and numerous verbal comments at public
33 hearings and conference calls.

34 In general the take-away here is
35 there was support from, there was mostly support
36 from existing Atlantic Tuna's General Category
37 Permit holders. Especially in the northeast.

38 There was opposition to the
39 proposals from some existing Swordfish Limited
40 Access Permit holders. There was a concern
41 about the potential for the rapid growth of a
42 commercial swordfish fishery in Southeastern
43 Florida.

44 We received differing comments with
45 regards to the proposed retention limits.
46 There was support for higher retention limits as
47 well as lower retention limits in the various
48 regions.

1 Finally, we received questions
2 regarding the supporting analysis and
3 projections that were contained in the draft
4 environmental assessment.

5 So, the first group of comments
6 essentially supported proposed Amendment 8.
7 Indicated that the new permit would provide
8 additional opportunities to fish for a fully
9 rebuilt species, using selective fishing gears.

10 That Amendment 8 would create new
11 opportunities to catch more U.S. swordfish
12 quota, that it would generate economic
13 opportunities for commercial fishermen during
14 difficult economic times.

15 And finally that Amendment 8 would
16 safely increase the number of available hand
17 gear permits, without threatening the long term
18 sustainability of the stock.

19 Our response is that this comment is
20 consistent with the purpose of the final rule.
21 This is essentially the reason why we have moved
22 forward with this action. So we received
23 comments in support of Amendment 8, we also
24 received a substantial number of comments in
25 opposition to the draft, to the proposed rule.

26 Some of these comments indicated
27 that there was no need to expand the harvesting
28 capacity in the swordfish fishery. The U.S.
29 quota is almost fully utilized. A new swordfish
30 permit could prompt the early closure of the
31 directed fishery.

32 Finally an open access commercial
33 swordfish permit would lower existing limited
34 access permit values and lower swordfish
35 ex-vessel prices.

36 In response to this National Marine
37 Fisheries Service indicated that there is still
38 a large amount of unused quota. In 2007 we were
39 776, 767 metric tons below the baseline quota.
40 And we were further below the adjusted quota.

41 As Delisse indicated earlier this
42 morning, landings will continue to be closely
43 monitored and we have improved our capability
44 through the implementation of the eDealer
45 system.

46 In season adjustments to the
47 retention limits can be quickly implemented.
48 If we see that a particular quota is in risk of

1 being exceeded, or other factors that I'll
2 describe later, we'll have the ability to adjust
3 those retention limits on a regional basis,
4 relatively quickly.

5 With regards to the impacts of the
6 new swordfish permit on limited access permit
7 values, I want to emphasis that this new permit
8 is vastly different from the existing limited
9 access permits.

10 There is a zero to six fish retention
11 limit versus a 30 fish retention limit for the
12 incidental swordfish permit, and unlimited
13 retention of swordfish for the directed permit
14 and the hand gear permit.

15 So it's a very different scale
16 permit, so we don't anticipate that, that will
17 have a significant impact on existing limited
18 access permit values.

19 Finally only hand gear is authorized
20 for use with this new permit versus the ability
21 to utilize buoy gear with the directed and the
22 hand gear permit. And longline gear with the
23 incidental and directed swordfish permit.

24 We received comments indicating
25 that NMFS should be flexible with regards to the
26 Florida Swordfish Management Area, Northwest
27 Atlantic Area boundary so that there could be
28 more swordfish, fishing effort in areas north of
29 Palm Beach Florida.

30 In response to this comment and
31 pending further discussion, the Florida
32 Swordfish Management Area in the final rule, was
33 modified. By removing the portion of the area
34 north of 28 17 10 N. Lat., and again that's where,
35 well I'll show you a chart of that later on.

36 But anyway, it's a little bit more
37 of an uniform boundary now, between the Florida
38 Swordfish Management Area and the Northwest
39 Atlantic Area. The new boundary of the
40 Swordfish Management Area intersects the coast
41 near Cocoa Beach Florida, just south of Cape
42 Canaveral.

43 So essentially what this means is
44 that in the area between Cocoa Beach and Jekyll
45 Island Florida, which was where the earlier
46 preferred alternative was, there would have been
47 a one-fish limit in that particular area. Now
48 in the area north of Cocoa Beach, there will be

1 a three swordfish limit in that particular area.

2 This modified area is smaller than
3 the proposed area, but it more closely
4 encompasses the Florida Straits and the unique
5 oceanographic features associated with that
6 area.

7 However it is large enough to
8 provide an enforceable buffer area between the
9 real area of concern and some of the areas
10 further north. So that was one of the important
11 factors that we had to consider in establishing
12 this new boundary, was that it's an enforceable,
13 that it provides an enforceable buffer area.

14 We received differing comments
15 regarding the initial retention limit in the
16 Florida Swordfish Management Area. I would say
17 this is what the majority of the comments that
18 we received on the proposed rule addressed.
19 Some commenters felt that a one-fish limit would
20 not provide enough revenue to make a commercial
21 trip economically feasible.

22 Other people felt that a zero-fish
23 limit was needed because of the large number of
24 new entrants commercially targeting swordfish
25 in that very narrow area could cause user
26 conflicts.

27 And that NMS should not increase
28 commercial fishing effort in an important
29 swordfish spawning and juvenile habitat area.

30 In response, and there was a lot of
31 deliberation, internal deliberation on this
32 particular issue. Based upon public comments,
33 including a comment from the Florida Fish and
34 Wildlife Conservation Commission, indicating
35 the high potential for rapid growth of a
36 commercial fishery under a proposed one-fish
37 limit, NMFS has determined that an initial limit
38 of zero fish is appropriate. The agency will
39 continue to evaluate this limit as well as all
40 of the other limits on the basis of the criteria
41 for in-season adjustment.

42 Similarly, we received comments
43 regarding the initial retention limit in the
44 Northwest Atlantic Area, and the Gulf of Mexico
45 Area. Many commenters felt that a three-fish
46 limit would not provide enough revenue to make
47 a commercial trip economically feasible.

48 Others indicated that a lower limit

1 is needed to preserve the value of existing
2 limited access permits, to conserve swordfish,
3 and to prevent an early closure of the directed
4 fishery.

5 NMFS is implementing a three fish
6 initial limit for these two areas. This is in
7 the middle of the range of the allowable limits.
8 This is an appropriate limit for the initial
9 establishment of a new supplemental or seasonal
10 open access fishery.

11 We're trying to proceed relatively
12 cautiously during the initial implementation of
13 this permit. And we've proposed the three-fish
14 limit. We feel that, that is appropriate
15 because it's in the middle of the range.

16 And as more information becomes
17 available, that could potentially be adjusted
18 higher or lower. We will continue to evaluate
19 the appropriateness of the regional limits.

20 Finally the sixth major comment
21 topic was that the potential environmental
22 effects associated with the new permit were
23 misrepresented.

24 NMS over or underestimated the
25 number of potential new permits. Similarly the
26 agency under or over estimated the amount of
27 additional landings that might occur.

28 The analysis that was contained in
29 the draft and final environmental assessment
30 were based on the best available information,
31 and appropriately consider the potential
32 affects.

33 The Atlantic Tuna's General
34 Category Permit was used as a proxy to determine
35 the potential number of new applicants and
36 projected landings, because this is the permit
37 that is most similar to the permit that is being
38 implemented in this final rule.

39 The new permit is projected to yield
40 265 additional metric tons on landings.
41 Landings will continue to be monitored using the
42 new eDealer system and could be adjusted
43 in-season to ensure that landings do not exceed
44 the available quota.

45 So now I just want to describe
46 specifically what the final management measures
47 are. The agency is creating a new open access
48 swordfish permit, called the Swordfish General

1 Commercial Permit.

2 Authorized gears will be same as the
3 Atlantic Tuna's General Category Permit,
4 including rod and reel, handline, harpoon,
5 bandit gear, and greenstick.

6 Effective upon the issuance of a
7 2014 permit, HMS Charter Headboat permit holders
8 will be allowed to commercially fish under the
9 new permit's regulations, when they are not on
10 a for-hire trip. Authorized gears for
11 swordfish, for Charter Headboat vessels, will
12 remain rod and reel and handline only.

13 The retention limits being
14 implemented by the final rule are. Three
15 swordfish per vessel, per trip, for the
16 Northwest Atlantic and the Gulf of Mexico. Two
17 swordfish per vessel, per trip, for the U.S.
18 Caribbean.

19 And zero swordfish per vessel, per
20 trip for the Florida Swordfish Management Area.

21 MR. MCCREARY: Rick hang on a
22 second. I'm hearing a lot of side conversations
23 going on in the room. And I would appreciate if
24 you could direct your attention, because this
25 really is important to hear the final rule. So
26 with respect, please take your outside
27 conversations, outside. MR. PEARSON:
28 With regards, well first of all the retention
29 limits, going back for Northwest Atlantic and
30 Gulf of Mexico will be three swordfish per
31 vessel, per trip.

32 For the U.S. Caribbean it will be two
33 swordfish per vessel, per trip, which is similar
34 to the existing Commercial Small Boat Permit.
35 And there's a zero fish retention limit for the
36 newly modified Florida Swordfish Management
37 Area.

38 These are the areas, the Northwest
39 Atlantic, extending down to 28 17 10 N. Lat..
40 Again this is right around Cocoa Beach. There
41 will be a zero, no possession of swordfish with
42 this new permit in the Florida Swordfish
43 Management Area extending southward from there,
44 up to the northern boundary of Monroe County,
45 Gulf of Mexico and the U.S. Caribbean.

46 And again, this is what, this was the
47 existing latitude of the U.S. EEZ, so we just
48 brought that to the shore.

1 These are the criteria upon which
2 any adjustment to the regional retention limits
3 would be based. Information from biological
4 sampling and monitoring. The ability of
5 vessels participating in the fishery to land the
6 quota.

7 The amounts by which quotas for
8 other categories of the fishery might be
9 exceeded. The affects of the adjustment on
10 accomplishing the objectives of the 2006 FMP.
11 Variations in-seasonal distribution, abundance
12 or migration patterns.

13 The affects of catch rates in one
14 reason precluding vessels in other regions from
15 the opportunity to harvest a portion of the
16 overall quota. And a review of dealer reports,
17 landing trends, and the availability of
18 swordfish.

19 This is what we've been receiving
20 some of the questions on since publication of the
21 final rule. Some of the specifics with regards
22 to the new permit. So hopefully I'll be able to
23 address those right now.

24 The new permit cannot be held in
25 combination on vessels with an HMS Angling
26 Category Permit, a Charter Headboat Permit, a
27 Commercial Caribbean Small Boat Permit, or any
28 other swordfish limited access permit.

29 The new permit can be held on vessels
30 issued in Atlantic Tuna's General Category
31 Permit, or a Harpoon category permit.
32 Vessels issued the Swordfish General Commercial
33 Permit will be able to fish in registered HMS
34 tournaments.

35 Otherwise there would be no
36 recreational fishing for billfish or for sharks
37 and tunas, unless the vessel has been issued the
38 proper commercial permits for sharks and tunas.

39 In addition vessels issued the new
40 permit and Charter Headboat vessels on a non
41 for-hire trip, must comply with the specified
42 regional retention limits in the region in which
43 the vessel is located. Swordfish may only be
44 purchased by permitted swordfish dealers.

45 Swordfish landings under the new
46 permit will be deducted from the semiannual
47 directed swordfish quota. And all other
48 swordfish regulations apply. Including

1 minimum size landing requirements, gear
2 definitions, et cetera.

3 Moving forward, the effective date
4 of the final rule was 30 days after publication
5 in the federal register, which is September
6 20th, 2013. However the new Swordfish General
7 Commercial Permit and the allowance for HMS
8 Charter Headboat permitted vessels to sell
9 swordfish on non for-hire trips, will first
10 become effective upon issuance of the 2014
11 permit, right here.

12 So we anticipate that, that permit
13 will become available in late November of this
14 year. Once a vessel has obtained their 2014
15 permit, at that point in time they can begin
16 fishing under this new permit's regulations.

17 And to obtain the permit, go to the
18 HMS permits website. The cost for the new
19 permit will be approximately \$20.00. Similar
20 to the Tuna General Category Permit. And that
21 concludes the presentation. So I'd just like to
22 open the floor to questions or comments.

23 And again, we've been discussing
24 this formally since 2009. I just want to
25 indicate how much we thank all of the AP members
26 and the public as well for their input on the
27 development of this rule. We really appreciate
28 your input and it was certainly considered
29 during the development of this rule making.

30 MR. McCREARY: Rick, thanks very
31 much. Let's start with Allan Willis.

32 MEMBER WILLIS: Thanks, Allan
33 Willis, recreational rep. I know there were a
34 lot of comments on this. One thing, since this
35 is now being implemented, you have a slide that
36 says you have criteria for how to make
37 adjustments.

38 I didn't really see criteria, I saw
39 things that would be considered, but I didn't see
40 something that says, once you are within X
41 percent of quota, then you'll drop it. Or if
42 you're X percent below quota, you'll increase
43 it.

44 I didn't see an actual decision
45 framework, or anything that was a real criteria.
46 I just saw well hey, we'll consider some of this.
47 We'll consider some of that.

48 MR. McCREARY: Okay. Thanks.

1 MEMBER WILLIS: It may be useful to
2 have more.

3 MR. McCREARY: So you stepped
4 through considerations, Rick. Are any of those
5 actually expressed or interpreted as criteria?

6 MR. PEARSON: I would say that these
7 are largely modeled after the Atlantic Tuna's
8 General Category Permit. They're quite similar
9 and so you know, it, that was the model for
10 developing these.

11 MR. McCREARY: Okay, thanks. I
12 have quite a list here. I have Ron Coddington,
13 Scott Taylor, Terri Beideman, and Dave
14 Kerstetter. And I'm sure there'd be others.
15 Ron.

16 MEMBER CODDINGTON: Yes, Ron
17 Coddington, recreational. My personal
18 comments. If you go to your very first slide and
19 the purpose of this rule. You failed miserably.
20 Let's look at the facts.

21 You took the only area in the United
22 States where it's economical for a vessel to go
23 catch three fish. And I guess the failure
24 probably is exemplified again when you say
25 you're going to take it out of the directed.

26 It obviously should be an indirect,
27 come out of the indirect quota, because the only
28 people that are going to add any swordfish in
29 this category are going to be the people in the
30 northeast, that are catching swordfish
31 incidental to their bluefin tuna fishing.

32 If you take something like an
33 average 100 pound, dressed weight, of these
34 fish, and I know that's a weird average. But say
35 a 100 pounds and a guy catches three fish. He's
36 got 300 pounds of fish. He's hardly going to
37 burn \$1,800 worth of fuel to sell \$1,500 worth
38 of swordfish.

39 Part of what I saw in the earlier
40 work on this, was that we were protecting the
41 value of the limited access permits. That could
42 have been done by making this a limited access
43 permit, one way or the other.

44 But to suggest that there is a
45 problem with the amount of fish that would be
46 taken off the east coast of Florida, when quite
47 honestly, HMS has done such a miserable job of
48 understanding the Buoy Gear Permits.

1 And watching now that buoy gear,
2 instead of fishing ten pieces of gear, or 11
3 pieces of gear, 12 pieces of gear. In the area
4 from Miami to West Palm Beach, they're fishing
5 the full 34 pieces of gear as individual pieces
6 of gear.

7 And I also would suggest that if we
8 went back and looked at Dr. Kerstetter's work,
9 it's not applicable anymore, because he did his
10 work on the buoy gear when it was a, when it was
11 a ten buoy fishery.

12 So we took this thing and wasted a
13 lot of your time, and with some of these other
14 amendments that are much more important, you
15 quite honestly wasted your time. You wasted all
16 of our time.

17 And to suggest that 265 tons of fish
18 are going to be caught like this, you will find
19 out by the end of 2014, there aren't 265 fish
20 caught under this permit right now. You gutted
21 it. You took something that could have been
22 useful, sounds weird coming from a recreational
23 guy, but there's plenty of swordfish around.

24 And people at ICCAT are looking for
25 more catches of swordfish. And this was a very
26 compatible gear type, environmentally
27 compatible gear type. And you ruined it.

28 The northeast can't target
29 swordfish, with three fish. The Gulf has at
30 least as long a run, if not longer, and can't
31 target swordfish. The only place in the world
32 that you can target swordfish and make a dollar
33 with this permit, is in the area that you put a
34 zero retention limit on it.

35 And it doesn't matter if you can
36 adjust that, because if you can't have a
37 consistent anticipation of a number of fish,
38 you're not going to buy the permit.

39 You're not, and let's face it, if you
40 adjust it in March, to three fish in the Florida
41 Management Area, well everybody's already
42 bought their permits in January and they're
43 locked into whatever permits they have.

44 You could create some opportunity to
45 the Charter Headboats in that area, but again
46 there's only one place in the United States where
47 someone will target swordfish with a one, two,
48 or three-fish limit, and you just made that limit

1 zero. So quite honestly, thank you for nothing.
2 MR. McCREARY: Ron, thanks for your
3 comment. Scott Taylor.

4 MR. TAYLOR: Scott Taylor,
5 commercial. It thrills me to no end that Ron
6 thinks that the Straits of Florida are the place
7 for a new commercial fishery. So I applaud him
8 for that.

9 But don't know that I necessarily
10 agree with it. My question is more of a
11 constructive one I think. That, as I understand
12 it, a boat won't be able to both possess an HMS
13 Angling Permit for swordfish, and this new
14 commercial swordfish permit? Is that correct?

15 MR. PEARSON: Yes.

16 MR. TAYLOR: How are you going to
17 preclude that from happening?

18 MR. PEARSON: Actually that's what
19 we are working on right now. Is --

20 MR. TAYLOR: And there's a reason
21 that I ask that --

22 MR. PEARSON: It's the computer,
23 the background programming to ensure that, that
24 will occur.

25 MR. TAYLOR: And there's a reason
26 that I ask that Rick, is because we just saw that
27 happen with that bluefin down there in Florida.
28 That, that boat that tried to market the fish,
29 purchased an online permit, that he shouldn't
30 have been able to buy in conjunction with the
31 fact that he already had a Tuna's Directed Permit
32 on the boat.

33 So you know that you should be able
34 to retain, you shouldn't be able to buy an entry
35 level HMS permit through the permit shop,
36 correct me if I'm wrong, if you retain a LAP?
37 But there's no way in the system, that the
38 system, that the system detects that. You
39 understand what my question is?

40 MR. PEARSON: Yes, thanks.

41 MS. SCHULZE-HAUGEN: So the open
42 access permits are issued via the website, the
43 contract run website. But there's
44 communication on a daily basis with the zero
45 limited access permit folks.

46 And so maybe something, I don't know
47 what happened specifically there, but there is
48 communication as Rick indicated that some of

1 what's happening now, is that the permit folks
2 are making sure the coding works.

3 Both within the contract issued
4 permits, and then also with the limited access
5 permit system. So there's communication.

6 MR. TAYLOR: So my question is
7 really targeted from one, from the standpoint of
8 what I can anticipate happening here in Florida
9 now, and trying to figure out how I'm going to
10 deal with it, which is, is that a boat can buy
11 an HMS Angling Permit.

12 He's not going to be able to sell the
13 fish, but he'll be able to fish in the Florida
14 Straits. But the fish will be able to be
15 marketed in Florida using a general category
16 entry level permit under Amendment 8.

17 You understand where I'm going with?
18 I mean that, you know that these, from an
19 enforcement standpoint, that these people are
20 very creative in finding a way around the
21 problem.

22 And so essentially one guy can have,
23 and I'll have no way of knowing whether or not
24 the fish was caught north of 28 17, or whether
25 or not the fish was caught in the Florida
26 Straits.

27 That simply it takes, and this is
28 just part and parcel. I know Randy that we
29 talked about you know, this particular issues,
30 which is why I'm going to encourage you to still
31 try to come up with something else in terms of,
32 because Ron is right. This is where the
33 activity is going to take place.

34 And I would anticipate this kind of
35 marketing of that product that's caught in the
36 Straits taking place in just another different
37 form. That, from a practical, I mean I'm on the
38 ground from a practical standpoint, that's
39 what's going to happen.

40 So you have one body that's got the
41 general category permit, and you got somebody
42 else fishing under the HMS Angling Permit, then
43 once the fish is there at the dock, there's no
44 way to tell what part of Florida the fish came
45 in at.

46 I mean all he's got to say is, I drove
47 down from north of 28 17 and Cocoa, show up in
48 my place. I'm a licensed dealer, with a permit,

1 and they're going to be able to market it.

2 So I'm not trying to be critical of
3 it, I'm simply trying to say that this is
4 something you need to be aware of. It's going
5 to happen. And there needs to be some sort of
6 a way to address this landing issue proactively,
7 because it's going to be a problem.

8 MR. McCREARY: Good, so some
9 serious implementation questions. Go ahead.

10 MR. PEARSON: Yes, I'd just like to
11 respond to Ron's comment that we failed on this.
12 We went out with a one-fish limit. And I would
13 say that we were greatly underwhelmed by the
14 amount of support, from the recreational
15 community for this permit.

16 It's not a popularity contest.
17 It's not a vote, but there was very little
18 support, including from you, Ron, quite frankly.
19 I did not hear this type of support during any
20 of the public hearing for this permit.

21 In addition, we received a letter
22 from the state of Florida, indicating a
23 zero-fish limit, because we were on the fence
24 with regards to zero-fish, one-fish,
25 three-fish.

26 But I want to emphasize that we were
27 greatly underwhelmed by the amount of support
28 for this permit from recreational fishermen in
29 that particular area.

30 MR. McCREARY: Just brief, please.

31 MR. TAYLOR: And it is. The issue
32 is, is that, exactly what Ron's going to comment
33 to, which I think you've got it right. Because
34 the fact of the matter is, the recreational
35 fishermen are not commercial fishermen, and the
36 sector was not willing to do what was necessary
37 to legally comply with what everybody else needs
38 to do commercially. So I applaud the fact that
39 you got it right.

40 MR. McCREARY: Go ahead.

41 MEMBER CODDINGTON: I think Scott
42 almost said it wrong. Ron Coddington again. I
43 Scott almost said it for me. I would not expect
44 a recreational community to be coming to a public
45 hearing in support of a commercial permit.
46 That's why we're recreational. We would have
47 expected the commercials to come.

48 However, you've still created

1 something that didn't, my position in being
2 forward is more, as being as ICCAT member, than
3 being a recreational representative. This is
4 very conflicting as a recreational
5 representative to be supporting a commercial
6 permit.

7 But if you're going to do it, get it
8 right. And there's still, you know, one of the
9 other big issues is Key West. I don't know, does
10 no one have a bathymetric chart? I'm not really
11 sure why you put those prime grouper dropping and
12 lobstering spot, you've added north of Key West,
13 around the Dry Tortugas? That water isn't deep
14 enough for a swordfish.

15 However, you drew the line straight
16 where anyone fishing out of Key West, has a legal
17 way to come in with a swordfish. So Key West
18 will general category permits. Because they
19 fish anywhere out of Key West in a 50 mile radius
20 and you can't tell where they came from because
21 of that line.

22 You could have at least extended the
23 line a little further out of Key West to rule out
24 that kind of conflict. I don't think this is
25 going to be quite as bad in Cocoa Beach.

26 But yes, as a dealer, like Scott
27 Taylor, how's he going to know that fish coming
28 from Key West, whether it came from West of Key
29 West or South of Key West, or north of, well it
30 didn't come from north, because those are
31 lobster buoys. But to the south versus the
32 west?

33 MR. McCREARY: Okay. Randy did you
34 want to weigh in here?

35 MR. BLANKINSHIP: The way that line
36 is drawn is that, with this permit, and with the
37 Charter Headboat on non for-hire, you could not
38 land a swordfish commercially in Key West.

39 MEMBER CODDINGTON: Why?

40 MR. BLANKINSHIP: Because it's part
41 of Florida Swordfish Management Area.

42 MR. PEARSON: It's with a vessel
43 could not land it in Key West. It could be
44 potentially trucked in from the north. But a
45 vessel, once they are in that particular area,
46 has to comply with the zero-fish limit.

47 MR. McCREARY: Okay. Let's hear
48 from some other voices around the table. Terri.

1 MEMBER BEIDEMAN: Terri Beideman
2 for Blue Water Fishermen's Association, and you
3 know, having the same position that I had during
4 the hearings, which was like terrifically
5 disappointed that the agency did not at least
6 delay, going forward with this particular
7 regulation.

8 Because we have currently, I believe
9 we're going to update, you know, on a swordfish
10 stock assessment. Where they're using new
11 methodology and you know, we already have
12 experience with really, you know, restricting
13 quotas coming back to the U.S. and how we handle
14 them.

15 So I didn't think the time was
16 appropriate. At least until we see what happens
17 at the SCRS, and at the plenary this year when
18 there is a really likely event that there could
19 be a restriction.

20 As you know the circumstance that
21 they're allocating more than scientific advice
22 currently. And that those quotas will be right
23 sized at some point.

24 It's probably likely that the U.S.
25 will take a reduction. How much of that, we
26 don't know. But it looks pretty likely unless
27 the stock assessment comes back better than
28 expected, to say the least. I don't know if
29 that's possible.

30 However, also they're considering
31 implementing, or at least setting, limit
32 reference points which will be below MSY. So we
33 will potentially be facing even lower quotas.

34 And when you know, it was pointed out
35 at this panel before that we are you know, not
36 consistently, but we're getting to the point
37 where we're maybe bumping our head on this quota,
38 that I questioned the need for it at this time.
39 And at a minimum, a delay until this year's ICCAT
40 went forward, because it is a swordfish year.

41 So I, there's nothing you could say.
42 I guess we'll find out, you know, if we end up
43 with a reduction, you know, was it really, you
44 know, I don't know if anybody's going to buy a
45 permit. If they're going to have a zero bag
46 limit.

47 I don't know that you can do an
48 accurate assessment on how many would

1 participate? I wouldn't permit if I knew I was
2 going to have zero. I don't know who would.
3 But anyway, so I have just a couple of other
4 things.

5 You know, I need a, I would like to
6 see a way that you would ensure that, because I
7 really believe your estimates could be
8 tremendously off, in terms of catch, in terms of
9 participants.

10 I told you that I didn't think that
11 the general category tuna was a good proxy for
12 what might happen on the east of Florida or along
13 the coast, in the Gulf of Mexico where there's
14 swordfish areas where you can go swordfishing.

15 So since we don't know, I would love
16 to have seen that instead of having it come from
17 the directed, recognizing that you know, you can
18 balance it out, but it should go to, from, to the
19 incidental. And at least have some insulation.

20 If in fact, you know, there isn't
21 going to be 265 fish landed, then you know, maybe
22 I'm completely off. But since we don't really
23 know, I think it would have been the safer way
24 to go, and I would urge the agency to consider
25 tracking those catches in that category
26 initially. To insulate the directed fisheries
27 from potential early closure, based on that.

28 And not to say, we do you know,
29 re-allocations in-season adjustments, et
30 cetera. You know, maybe that's a possibility.
31 But for right now, I'm just really concerned that
32 the potential exists.

33 And going on to that, I would like
34 to know when folks are in the Gulf of Mexico,
35 using this swordfish permit, and they're
36 trolling around or whatever out there to catch
37 swordfish in the De Soto Canyon, what happens if
38 they catch a bluefin tuna?

39 Who's quota does that come from?
40 Because you know, I'm presuming, that if you, you
41 know, troll a lure around, or baits around in the
42 Gulf, that you're likely to catch a bluefin at
43 certain points of the year. So who's quota
44 would that come from? That should come from the
45 general category tuna quota?

46 MS. SCHULZE-HAUGEN: Well that
47 would depend on what other permits they had. If
48 they didn't have a permit, or if the allocation

1 was closed, it would have to be discarded.

2 MEMBER BEIDEMAN: However discards
3 still are you know, it's caught. It needs to be
4 counted. And on that point, monitoring, you
5 mentioned monitoring. I don't see any real
6 attempt to try to monitor what's being caught.
7 To find out if the bag limits are appropriate or
8 not.

9 You know, there doesn't seem to be, I know
10 you can say, put observers if selected, but I
11 don't see any selection. And I really do think
12 that you know, our concerns that we had with you
13 know, recreational sales of other species is
14 going to be magnified, hugely.

15 By the fact that people will be able
16 to present, you know, they got swordfish on ice
17 in the back of their pickup truck and they're
18 going to be able to show a permit you know, but
19 they can still sell it to the restaurant.
20 They're just going to be able to transport with
21 a little bit more you know, security.

22 Because they're going to look like
23 they're legit. And those are not going to wind
24 up in your eDealer. Just like they're not
25 winding up in your eDealer now. So my remarks,
26 no offensive, I just feel like we could have
27 waited. You know, we could waited to see what
28 happens and work out the kinks. Thanks.

29 MR. MCCREARY: Thanks Terri. So I
30 have Bill Gerencer, I have Dave Kerstetter, I
31 have Jeff Oden, and Ron coming back again.
32 Bill.

33 MEMBER GERENCER: Bill Gerencer, I
34 just wanted to make a quick comment on Slide 13,
35 where you pointed out that we had 767 metric tons
36 of baseline quota that was remaining in 2011.
37 But it might be instructive to take a look at the
38 trajectory of the quota.

39 Because in 2011 we took about 56
40 percent of the quota. And the actual biggest
41 short fall was in the incidental fishery, which
42 took out of 300 metric tons, only took about
43 seven, I'm sorry 21 or something like that.

44 But then the first half of that year,
45 they took 63 percent of the quota, and the second
46 half they took 80 percent. But in 2012, this is
47 the directed fishery, took 73 percent of the
48 quota and 102 percent of the quota in the second

1 half of that, that fishing year.

2 And the incidental fishery took nine
3 percent as opposed to like 6.7 percent. And
4 this year, so far in the first half of the, we've
5 taken 78 percent of the baseline quota for that
6 first half of the year for directed.

7 And not sure where we're going in the
8 second half, landings aren't great right now.
9 But last year we went over that second half. So
10 in other words the trajectory is going up.

11 We took 56 percent of the total
12 quota, of the total baseline quota in 2011. We
13 took 80 percent of the total baseline quota in
14 2012. And the incidental fishery is doubled
15 what it took last year. Now that's still well
16 under what's available there, but let's pay
17 attention to the trajectory.

18 And given what could be happening at
19 ICCAT, again, I mean I don't care about the
20 adjusted quota because as soon as you take your
21 full baseline quota, the adjusted quota goes
22 away in a couple of years. Right?

23 I mean if you take your baseline
24 every year, sooner or later you're going to lose
25 any bump up from adjusted. And we're bumping up
26 against the adjusted, I mean the baseline quota
27 steadily right now. Thank you.

28 MR. McCREARY: Margo.

29 MS. SCHULZE-HAUGEN: It is, just to
30 confirm. It would take some years at the rate
31 we're going to cut into the adjusted quota. We
32 did look at that. And we feel pretty confident
33 about our eDealer, which is you have the dealer
34 based system at 80 percent of our baseline.

35 But there was still room to grow, and
36 that this was a valid point. To increase the
37 availability of swordfish throughout the range.
38 So we feel that we can stay within our limits no
39 matter what they are.

40 MEMBER GERENCER: So you looked at
41 that, but then I'm curious as to why you would
42 have 2011 data up here. As opposed to something
43 that --

44 MR. PEARSON: The finalized 2012
45 data wasn't available when we were preparing
46 this. One thing I do want to mention Bill, is
47 the reason why the incidental landings have
48 increased in 2013 is primarily attributable to

1 the implementation of eDealer.

2 And now incidental permits are being
3 included in the incidental quota category.
4 Where as before it was a gear type of a thing.
5 If you had a pelagic longline, no matter if you
6 had a directed or an incidental swordfish
7 permit, it was counted towards the directed
8 fishery.

9 So that's primarily the reason
10 you're seeing the increase in the incidental
11 fisheries, primarily a function of
12 implementation of eDealer for 2013.

13 MEMBER GERENCER: Well given what's
14 going to happen in ICCAT, I'm still going to
15 encourage caution right now. Because we are you
16 know, moving closer and closer to taking our
17 adjusted quota and I'd hate to see us get into
18 a position where we're you know, now we starting
19 to cut back again.

20 I know it's a tricky thing, and I
21 applaud your efforts for trying to protect our
22 fishery from being dispersed to other countries,
23 but there's no rush to do this now.

24 MS. SCHULZE-HAUGEN: So I guess one
25 point on that, one of the strongest positions I
26 think we have at ICCAT, is to land fully our
27 quota. Having 80 percent of your baseline is no
28 where near as convincing as having 90, or 95.

29 So in terms of room to grow, believe
30 me, I hear you about caution. We talked about
31 this extensively. But we've got the tools in
32 the toolbox to stay within our quota. We will
33 stay within our quota. But it will be to our
34 strong advantage to have as high of landings up
35 to our quota as possible.

36 MR. MCCREARY: Thanks, let's hear
37 from Dave Kerstetter.

38 MEMBER KERSTETTER: Thanks Scott,
39 David Kerstetter, Nova Southeastern University.
40 Luckily I'm sitting down in this corner, so many
41 of my comments have already been said by my two
42 neighbors. That being said, I do share some of
43 the concern that I think the total anticipated
44 catch under this, is probably unrealistic.

45 When you take out the Florida
46 Straits, and I think that there are a couple
47 spots where their buoy gear, or deep drop or
48 both, might work. Texas may be one of them, De

1 Soto could be one of them. It's one of the areas
2 we're still exploring.

3 I guess my concern is, a little bit
4 going back to what Terri was saying, in terms of
5 monitoring. I know I've talked with Randy and
6 some other of the HMS staff over the development
7 of this process. But you, the agency has very
8 little idea what the bycatch rates are for this
9 fishery.

10 Not necessarily in terms of marine
11 mammals and turtles, because I think that's
12 really low. But specifically in terms of
13 juvenile swordfish. I think there's going to be
14 a certain amount of exploratory fishing if this
15 goes through, particularly in the Gulf of
16 Mexico.

17 Let's not forget that places like De
18 Soto were closed because of arguably, juvenile
19 swordfish bycatch. So you could be looking at
20 higher juvenile swordfish bycatch rates there.
21 So I guess my question would be, what plans does
22 the agency have for increased monitoring?

23 Whether at sea observers, virtual
24 observers, God forbid, VMS on small boats, and
25 particularly not just for buoy gear but for also
26 the deep drop fishery, which is where a lot of
27 the effort is now going into.

28 There have been a couple proposals,
29 couple coming out of Biolab actually, that were
30 chosen not federal funding because apparently,
31 lack of federal management interest.

32 So not going into the weeds on that
33 one, but it would be informative for me to hear
34 what the agency has planned in terms of
35 biological monitoring for those fisheries?

36 MS. SCHULZE-HAUGEN: We have the
37 authority to select for observer coverage. We
38 have not yet. As you likely heard from Sam, our
39 budget constraints are significant. This is a
40 good point, but there are not immediate plans
41 right now to put observers, or VMS on our log
42 books on this, in this action as was indicated
43 by it not being included in the final rule. And
44 Randy, you had something?

45 MR. BLANKINSHIP: Yes, I think that
46 I understood Dave, that you were talking about
47 buoy gear included in here. And I just wanted
48 for clarification to make sure that everybody

1 understood, that under this new permit, and
2 under the Charter Headboat allowance, that this
3 does not include buoy gear.

4 That it's the other hand gears. And
5 so it's not an expansion of buoy gear. But your
6 points related to deep dropping, and certainly
7 the hand gears are very valid.

8 MR. McCREARY: Okay, we have a few
9 more folks who want to weigh in. Jeff Oden.

10 MR. ODEN: Randy just answered my
11 question. I was looking at possible
12 opportunity here with buoy gear possibly for
13 bluefin, so I didn't know if that legal or not,
14 so I guess not.

15 I mean, as far end of the, you know,
16 going swordfishing and potentially ending up
17 with a bluefin, I just wanted to clarify that.
18 And Ron pointed it out to me, I mean. It's not
19 legal, right? No.

20 MR. McCREARY: Rom.

21 MEMBER WHITAKER: Well just two
22 things. Just to clarify for me, if I have a
23 Charter Headboat Permit, I will not have to
24 purchase any type of new permit?

25 MR. PEARSON: That's correct.

26 MEMBER WHITAKER: Okay, and my
27 only, or a couple more points. One being that
28 I feel like in my area, I tend to agree with Ron,
29 that you know, for the time of year, night time,
30 rough weather, I don't think there's going to be
31 much effort.

32 But that being said, it's a new
33 permit and I think a lot of, in fishermen's, our
34 minds were Recreational Charter Headboat,
35 Commercial whatever. I think that your spike in
36 permits may be way high the first year because
37 people perceive it to be as something that they
38 might not be able to get.

39 So you might, I feel like you might
40 see a big amount of permits purchased,
41 especially at 20 bucks, with people with the mind
42 set, well I might not be able to buy it next year.
43 So I think the amount of permits versus active
44 permits might be a big difference. Thank you.

45 MR. McCREARY: Thank you. Ron.

46 MEMBER CODDINGTON: Yeah, I'll make
47 this quick. We're coming up on our end of time
48 here and Amendment 7's a lot more important, I

1 believe. I've looked through here. I'd really
2 like somebody to direct my attention to
3 somewhere that I could help out my local
4 enforcement people for instance.

5 Because I don't see a definition in
6 here that says, the managed area is defined as
7 where you fished, or where you landed, or both.
8 These are not VMS vessels and never will be. So
9 what you're looking at is an enforcement
10 nightmare in Key West.

11 Because quite honestly if I want to
12 fish under this permit out of Key West, I'm going
13 to fish there and I'm going to land my fish in
14 Key West because I don't see anything in this
15 rule that FWC is going to be able to point to,
16 and say Ron, this is why you couldn't do it.

17 So right now, it looks like, unless
18 you can point me to somewhere in this book that
19 defines landings in the area, and or fishing in
20 the area, or both being required, you haven't
21 answered the question for enforcement in here.

22 And we might have created and
23 enforcement nightmare. Certainly in the Key
24 West region, and in the Cocoa Beach region. I
25 don't know if there's somewhere you can point me
26 to that or not?

27 MR. PEARSON: What it indicates is
28 that a vessel must comply with the retention
29 limit for the region in which the vessel is
30 located. So if you're in the Florida Swordfish
31 Management Area, at all. There are no swordfish
32 landings allowed with this permit, landings.

33 MEMBER CODDINGTON: It doesn't say
34 that, and maybe you can show me that.

35 MR. MCCREARY: I think that's a good
36 idea for an offline discussion. And in fact we
37 are scheduled ahead to a break. Ron, did you
38 have another point, or you're set? Margo do you
39 have a few wrap up comments?

40 MS. SCHULZE-HAUGEN: Yeah, I'd just
41 like to say that clearly, I mean we've been
42 talking about this particular issue for years.
43 And obviously the panel is divided. I think the
44 panel has been divided. The public was somewhat
45 divided as well.

46 Although, there was significant
47 support for this, including from panel members
48 who haven't actually spoken yet, which is

1 unfortunate. But it is true.

2 And so, you know, we took all of it
3 on board. We listened to all of the comments.
4 And this is where the agency ended up. I think
5 we've done a fair job listening, and developing
6 a final action that meets the goals of providing
7 opportunities where we have them.

8 And so, yes, I mean it's hard to
9 guess who's going to get a permit that doesn't
10 exist? And who's going to land fish under a
11 permit that doesn't exist yet? And we've used
12 the information that we have to come up with an
13 estimate that I think is reasonable. Does it
14 answer everybody's particular solution. No.
15 I don't think anything we ever do will, honestly.

16 So I for one am glad to kind of have
17 this complete at this point. We're moving into
18 the implementation phase, and we've got like I
19 said, the tools in the toolbox if we need to close
20 it down. We can do that. If we need to increase
21 opportunities, we can do that too.

22 So we've given ourselves the
23 flexibility. Criteria, yes they're not
24 quantitative, none of our criteria are. It's
25 what we call them. But it's the things that we
26 look at, the issues, the factors and so we're
27 moving ahead. But I appreciate everyone's
28 input. And it's been a long road.

29 MR. MCCREARY: Margo do you want to
30 take a few more comments before we go to a break?
31 Or what's your preference?

32 MS. SCHULZE-HAUGEN: More.

33 MR. MCCREARY: Okay, so we have
34 Kennedy, Rich, and Dewey. Kennedy.

35 MEMBER NEILL: All right. Ken
36 Neill, recreational. After two years of
37 sitting through this stuff, I guess my one
38 comment. I think you did an excellent job.
39 Really based on all the comments that I've heard.
40 And what your goals are, and the flexibility you
41 have in this.

42 I mean, you all the concerns that I'm
43 hearing, you have the totals as you say. So I
44 think this was well done.

45 MR. MCCREARY: Thanks very much.
46 Rich.

47 MEMBER RUAIS: Yes. Only because
48 Margo wanted to hear from some that supported

1 this all along, I'll speak in favor of it. In
2 fact just about four people down from me, we had
3 a 400 pound swordfish stuck by a harpoon, deep
4 into the Gulf of Maine.

5 Anyone wants to talk to Chris Weiner
6 about that and the possibilities of additional
7 catches in the Gulf of Maine, be sure to do that.

8 We also have historically had
9 swordfish caught south of Martha's Vineyard.
10 Pretty good size fishery between Galilee, Rhode
11 Island, Montauk and the islands. We had a white
12 marlin caught in Cape Cod Canal this year. I'm
13 sure lots of you have heard about that as well.

14 So the, we could eventually see a
15 swordfish, George's Bank even though we lost the
16 northeast part, which was the most prolific
17 harpoon part of the Bank to a World Court
18 decision. We still have part of the Bank where
19 we could gear up.

20 The objection I've had all along,
21 was why a bag limit when you're this many tons
22 shy of the total quota? And you've just said
23 that you wanted this, you'd prefer to see the
24 catch in the 90 percentile, why three? Why not,
25 you've got six?

26 I was talking 25, 50, whatever it
27 takes. There's no, the resources over VMS.
28 Absolutely no reason in my mind for a bag limit,
29 except marketing reasons.

30 MR. MCCREARY: Thank you. Dewey.

31 MEMBER HEMILRIGHT: I just got a
32 quick question, Dewey Hemilright. How did you
33 all come with your predicted to yield 265 metric
34 tons? I was wondering how you came up with them
35 figures?

36 MR. PEARSON: Again that was based
37 upon the Atlantic Tuna's General Category
38 Permit, the number of successful trips that were
39 made was approximately 550. Then we took the
40 average size of a commercial swordfish and
41 multiplied that by the bag limit.

42 MR. MCCREARY: Okay, so we are due
43 for a break. Jeff, Ellen do you want to weigh
44 in briefly?

45 MR. ODEN: Just one, Jeff Oden, just
46 one quick comment. Again as an incidental
47 permit holder, it's interesting to hear
48 everybody talking about increasing you know, our

1 catches and approaching our quota.

2 And I made the comment a long time
3 ago, you know, all you'd have to do is bump us
4 up ten on our 33, and you know, that would help
5 us out on a trip and get a little closer to the
6 quota.

7 And we'd be on the front lines if you
8 ever needed to bump us back, you could bump us
9 back very easily. I mean, you know, if that's
10 what we're after, why not? Thank you.

11 MR. McCREARY: Thank you, Jeff.
12 Ellen did you have a quick comment?

13 MEMBER PEEL: Yes, I was just
14 echoing in part what Rich said. We supported
15 the quota, not thinking, that anglers are going
16 to be the one to want to go in there, because if
17 they're truly anglers, they don't want to be
18 commercial fishermen.

19 But why such a restricted landing
20 limit? If in fact the goal was to provide
21 opportunity for the United States to come close
22 to landing their quota. That requires more fish
23 on the dock, not less.

24 Back to what Allan was saying, had
25 there been some published criteria, for
26 commercials that wanted to go into that
27 category, that have it, if they knew if the
28 landings only reached a certain percent of the
29 quota, perhaps you may increase three fish to six
30 fish, or maybe 15 fish, or you know,
31 proportionally increase that.

32 But you've not allowed those who
33 want to be commercial fishermen in that
34 category, any anticipation that well, if it's
35 slow in one area, we may get more fish. But by
36 keeping the landings limit so horribly low, you
37 certainly, I don't feel are going to come close
38 to this helping land the U.S. quota
39 unfortunately.

40 MR. McCREARY: Thanks Ellen. I
41 think at this point we appreciate all of the
42 comments and feedback that has been heard. And
43 we will take a fifteen minute break. And then
44 we'll reconvene for our first of many
45 conversations on draft Amendment 7.

46 (Whereupon, the meeting went off the
47 record at 2:53 p.m. and went back on the record
48 at 3:13 p.m.)

1 MR. MCCREARY: Good afternoon,
2 everyone. We are about to begin the first of
3 several sessions on Amendment 7. So if you
4 would please gather in your seats, we'll start
5 the first presentation.

6 So it's quieting down. But many
7 seats still need to be filled. We know there are
8 many members of the public who are here, who are
9 very interested in this item.

10 We want to emphasize that, of
11 course, like all HMS meetings, Advisory Panel
12 meetings, this one is indeed public. The main
13 focus for the next little while is on the
14 Advisory Panel members.

15 We will have a small interval for
16 public comment today. And a comment period
17 every single day. And at the time people do
18 choose to make public comments, our recorder has
19 emphasized that he really would like each of you
20 to identify yourself and your affiliation.

21 So when we got to that point in the
22 agenda we'll talk about that a little more. But
23 for now, we want to kick off with an initial
24 presentation. And, Margo, I think you have some
25 opening comments to make about this.

26 MS. SCHULZE-HAUGEN: Well, so we've
27 been working on this for a long time. I think
28 a couple of folks have pointed out, a couple of
29 years. These are certainly issues that I think
30 we've been kind of grappling with all the way
31 back to 2009. And so it's a long time coming.

32 We spent a lot of internal energy
33 thinking about the various viewpoints, trying to
34 achieve a balance in what's proposed, where some
35 things need to change, where we had to put some
36 restrictions in to also provide opportunities
37 where we could.

38 The ultimate goal for us is to have
39 everybody fishing on the other side of this.
40 It's not our objective to kind of put anybody
41 out. That said, some of the way we're doing
42 things now needs to change.

43 And then we recognize that. And
44 we're trying very much to do this fairly, evenly,
45 and across the board. So I don't think we've
46 really left any stone unturned when it comes to
47 bluefin tuna.

48 And that is certainly one of the

1 messages back to us, that this is complicated,
2 with lots of moving parts. And it's taking a lot
3 for folks to kind of fully understand it.

4 So that's why we've put the time in
5 the agenda to really go through it. We have the
6 overview today. This is the public hearing
7 presentation. But then tomorrow morning we'll
8 drill down.

9 And so we're not trying to answer
10 every question today. We have lots of time
11 tomorrow for that. And then obviously the small
12 group discussion, and then the big group
13 discussion.

14 So I'm hoping by the end of tomorrow
15 that we'll have gotten it all out there. But
16 understanding that even tomorrow, at the end of
17 the day, that may not be the case. So with that,
18 I'm going to turn it over to Brad. And we'll
19 walk through it.

20 MR. MCHALE: Yes. So based upon
21 one advertising company's statement, here we go.
22 So for the record, Brad McHale, Northeast Branch
23 Chief of Highly Migratory Species Division.

24 It's good to see you all here. And
25 as sick as it may sound, I've kind of been looking
26 forward to this discussion for a good number of
27 months. You know, it's good to hear the
28 feedback already of, it's complicated, there's
29 a lot in it, there's too much, there's too
30 little.

31 But when, you know, you're working
32 for the agency, and you're doing a lot of these
33 internal deliberations before you actually go
34 proposed, you know, ultimately a key component
35 is to get the input from folks, even though we've
36 had it during the scoping, and white papers, et
37 cetera.

38 But to actually have a proposed rule
39 on the street to see, you know, where we actually
40 stand regarding some of these issues, and how
41 we're attempting to staff for them.

42 So again, as sick as that sounds,
43 I've been looking forward to this couple of days
44 stretch here for a long time. So, and this will
45 be a presentation we're giving at all the various
46 public hearings that we're doing up and down the
47 coast.

48 I know Tom Warren and myself are

1 essentially doing road trips for the next eight
2 or nine weeks straight, you know, anywhere from
3 Texas to Louisiana, all the way up the East
4 Coast. And so, for some of you that may venture
5 out to those public hearings, you'll be seeing
6 this again in the not too distant future.

7 So just to set up some of the quota
8 history, some of the background information, to
9 kind of paint the picture of where we're at now,
10 and where we're looking to go.

11 I think we all understand the role
12 that ICCAT plays in some of our domestic HMS
13 fisheries, especially as it pertains to bluefin
14 tuna. And when you discuss bluefin it's hard
15 not to think allocation, as much as you try to
16 avoid it.

17 But as a point in time, going back
18 to the '99 FMP, when I actually started to work
19 for the agency here, there were, and still are,
20 seven individual quota categories that were
21 established in that action. And actually
22 allocation percentages established in that
23 action as well.

24 And in addition to those landings
25 quotas, there was also, at that point in time,
26 and ICCAT recommendation that had a 68 metric ton
27 set aside, or shall I say, the U.S. portion of
28 this dead discard set aside, with the equivalent
29 of 68 metric tons.

30 So as time marches on, looking back
31 to some of the changes that occurred in 2006,
32 essentially that dead discard recommendation
33 was no longer carried forth beyond that point.

34 And to paraphrase some of the
35 recommendations, that all sources of known
36 mortality had to be accounted for within each
37 country's quota.

38 So there was one rather significant
39 change there in '06. Also what was occurring in
40 that time frame were some of the
41 recommendations, not only here domestically,
42 but as well as at the ICCAT level, international
43 level, were limiting the amount of quota carry
44 over that could take place from one year to the
45 next.

46 And so this number eventually was
47 decreased a number of times down from 100
48 percent, to 50. And then ultimately to where

1 we're at now, which is, ten percent of the base
2 line quota can be carried over from one year to
3 the next.

4 So how this kind of plays out, as far
5 as looking at quotas, landings, et cetera, you
6 can kind of see the general trend to where we're
7 at in '06. The muted blue bar represents
8 landings. The kind of a red bar are adjusted
9 quota. And the kind of the flat gray there is
10 essentially our base quotas.

11 And you can kind of see over time
12 that, you know, going back, or as recent as last
13 year, how these numbers are really starting to
14 marry up, given some of the changes in these
15 recommendations.

16 Changes that we're observing in the
17 fishery, and interactions over all, increasing
18 in some categories where you look back at '06.
19 It was almost a, or was a record low as far as
20 commercial landings were concerned.

21 So taking those allocations
22 percentages I mentioned earlier, that we had set
23 up in the '99 FMP, carried through in the 2006
24 consolidated FMP, and essentially calculating
25 those up against the current ICCAT
26 recommendations, we have what's showing here on
27 the screen behind me.

28 A couple of things I just wanted to
29 bring folks attention to primarily is, the purse
30 seine category, which is just shy of about 172
31 metric tons allocated to it, given our current
32 U.S. quotas. And the longline category, which
33 currently is allocated just shy of 100.

34 And that number is actually
35 inclusive of that northeast distance set aside
36 area for incidental bluefin by catch in the
37 vicinity of the miniature boundary area.

38 So when you start to marry that up
39 against kind of what's happened regarding
40 landings, and what's taking place on the water,
41 what's taking place in each individual fishery,
42 the picture's somewhat skewed a little bit.

43 When you kind of look back at the
44 purse seine category as a prime example, you
45 know, they landed last year, you know, 1.7 metric
46 tons out of that 172. And that's been a pretty
47 consistent pattern over the last decade or so,
48 with relatively inactive category, for a number

1 of different reasons.

2 But as also, you know, presented
3 itself as sometimes a different management
4 point, precluding opportunities. What do you
5 do with that quota if it's not harvested, et
6 cetera?

7 What I also like to draw folks'
8 attention to is the longline category landings
9 there, at about 89 metric tons. So there, you
10 know, it's relatively comparable to what the
11 landings' quota is. And some of that is what one
12 may expect when you are closing fisheries to
13 landing, you know, when those thresholds are
14 met.

15 So that's somewhat of an expected
16 result. However, when you start to include all
17 the known, kind of sources of mortality, that is,
18 dead discards, the numbers even change a little
19 bit further. And hopefully, none of this is
20 new. We've kind of been talking about these
21 issues for some time now.

22 But you get to see kind of the
23 disparity between how some of these allocations,
24 when they start off as a percentage of the U.S.
25 quota, and then actually are applied at a
26 category level. And were designed on landings.

27 And then ultimately when you start
28 to account for all of your catch, that is, dead
29 discards and landings inside that quota, there's
30 some mismatching going on. And this is kind of
31 one of the struggles we've been discussing here,
32 discussing in individual conversations, for a
33 number of years now.

34 And it seems like that 2009 ANPR is
35 getting a lot of air time. And hopefully not
36 much more so beyond this meeting. But, you
37 know, but that's where, at least a marker in time
38 of where these discussions go back to. So in a
39 nutshell, that's kind of some of the quota issues
40 that we've been contending with.

41 So, you know, obviously there's been
42 some difficulty in accounting for sources of
43 mortality. And actually having robust
44 information on all those sources of mortality,
45 across all the various user groups.

46 Right now, we're seeing that there
47 are a significant number of bluefin tuna
48 interactions taking place, primarily in that

1 longline fishery that, you know, can have a
2 tendency to result in dead discards.

3 And so the numbers get skewed when
4 you're trying to manage to a certain percentage.
5 Hence, some of the difficulties there that we'll
6 be discussing over the next day and a half, or
7 so: The fact that some of our allocation
8 percentages, when they were established, didn't
9 necessarily take into account some of these
10 changes in international recommendations. The
11 elimination of the dead discard set aside. The
12 inclusiveness of all known sources of mortality
13 within the quota. And the lack, or the
14 reduction in the amount of quota that can be
15 carried over from one year to the next.

16 And then ultimately, when we are
17 counting for sources of mortality, or the
18 current rules and regulations outside of, say
19 some sort of emergency action, where we can
20 eliminate the ability for vessels, pelagic long
21 line vessels to catch, and then land. And then
22 in turn sell their incidental bluefin.

23 But that doesn't preclude them from
24 actually continuing to fish for their directed
25 species, whether it be swordfish or yellowfin,
26 bigeye, what have you.

27 And therefore, those interactions
28 continue to occur. And therefore, any bluefin
29 at that point is a potential source of mortality,
30 that we as the United States, then need to
31 account for.

32 So all that being said, what are some
33 of the objectives as we kind of venture into the
34 formal draft Amendment 7. You know, like
35 anything in all our kind of management plans,
36 whether it be underneath ATCA or Magnuson
37 Stevens, is to prevent over fishing, and rebuild
38 over fished stocks.

39 Trying to achieve, you know, optimum
40 yield on a continuing basis. You know,
41 minimizing by catch to the extent practicable.
42 And then you know, essentially remaining
43 compliant with our international obligations.

44 But while doing that, trying to
45 optimize all of our various user groups in
46 harvesting their quotas, and providing those
47 opportunities.

48 And maintaining as much flexibility

1 as possible within these regulations, given the
2 variance that we see year in and year out.
3 Especially in this bluefin tuna fishery, or
4 fisheries that are catching bluefin.

5 It's funny, if you listen to some of
6 the transcripts of where we've been at over the
7 years, to kind of see some of the wind changes
8 in some of the feedback the agency's received on
9 how to manage some of these. It's rather
10 remarkable on how a fishery can change in such
11 a really short time period.

12 So to kind of drill on some of the
13 objectives we were trying to accomplish with
14 this proposed action. Essentially, it's how do
15 you reduce incidental interactions of bluefin
16 tuna, that ultimately can result in these dead
17 discards?

18 It's not just reducing dead discards
19 in and of themselves. But how do you get at the
20 interactions that are leading to those? But, as
21 Margo had mentioned, and has been discussed in
22 a couple of other presentations, but yet
23 preserving other U.S. fisheries.

24 You know, the swordfish one kind of
25 being front and center in regards to, you know,
26 a rebuilt fishery that would look into, and have
27 been trying to revitalize. Especially given
28 the balancing act that we need to achieve there.

29 Ultimately, how do you start to
30 level the playing field regarding information
31 that's being collected from all U.S. fishermen
32 that are encountering bluefin tuna?

33 So improving the quality, the
34 timeliness of that sort of information. Trying
35 to instill some equity across all the various
36 reporting requirements, regardless of the gear
37 types that are being used to pursue these
38 species.

39 But with the underlying theme of
40 remaining compliant, not only with our domestic
41 quotas, as well as our international ones. And
42 you'll also see that there's a number of other
43 aspects that are contained, you know, in this
44 action that we'll be discussing. Or that I'll
45 be discussing, then we'll be discussing
46 collectively over the next day.

47 So here's kind of a very cursory
48 overview of the proposed management measures.

1 And I'll get into these in a little bit more
2 detail. And then at least during this
3 presentation now. And then over, I believe an
4 additional presentation this afternoon, and
5 then tomorrow, we'll really kind of drill into
6 each of these.

7 So I would ask folks to kind of take
8 in this presentation as a collective, you know,
9 as we're kind of talking about each of these
10 different measures, and how they may or may not
11 interplay with one another, versus, say latching
12 on to one specific management measure, and kind
13 of looking at it in isolation.

14 So the first one, just because it's
15 the least contentious, was discussing
16 reallocation of bluefin quota among various
17 categories. All right. So at least folks have
18 a sense of humor, as much as they can.

19 And essentially, looking at
20 adjusting, you know, these quotas. And then
21 looking at some of the changes that have taken
22 place, you know, in regards to catch. Not just
23 landings, but as well as their discards.

24 Ultimately, a couple of proposals
25 that we've come forward with, preferred, we're
26 looking at gear restricted areas. At least one
27 off of Hatteras, and then one off the Gulf, or
28 one in the Gulf of Mexico.

29 Essentially trying to accomplish
30 that objective of reducing interactions in and
31 of themselves. And therefore, having the
32 result of minimizing some of the dead discards.
33 Increasing accountability, and creating
34 stronger incentives to avoid bluefin tuna
35 overall.

36 And by proposing individual bluefin
37 quotas we think we've heard some of the dialogue
38 and floated something out there that has an
39 opportunity of meeting some of those objectives.

40 And all of a sudden increasing
41 individual accountability, versus how we're
42 currently managing, you know, the longline
43 category, and some of the incidental catch at a
44 fleet wide basis.

45 I had already mentioned the closed
46 area, and the timeliness of catch data, you know,
47 especially as you look at some of these
48 individual accountability. And especially

1 some of the ramifications, that you need to have
2 real live data feeds for these management
3 measures to actually be effectively
4 implemented, monitored.

5 And then ultimately having the
6 industry, or the industries, as well as the
7 agency, to have confidence that they're actually
8 getting the job done that they were intended to
9 do.

10 And then there's some other items,
11 kind of optimized fishing opportunities in our
12 directed categories, both in the general and the
13 harpoon. And then some other cursory issues
14 dealing with, say permit issuance, establishing
15 and codifying a northern albacore quota, et
16 cetera.

17 So again, starting off with the easy
18 one. Looking at some of the proposed quota
19 reallocation measures. Slightly different
20 from say, the presentation we just saw. We're
21 going blow by blow by blow through each
22 alternative that's contained in the document.

23 We decided to go a little bit more
24 cursory. At least at this point. Because
25 well, we don't think the time would allow for it
26 when you kind of roll this stuff out to the
27 general public in a public hearing. It just
28 becomes a little daunting. And we fully
29 recognize that.

30 So essentially what we're needing to
31 do is account for our mortality within the
32 various quota categories. And so those sources
33 of mortality, one that we've been struggling
34 with is that incidental longline category. As
35 of, you know, some of the discussions we've had
36 around this table.

37 And also, trying to reduce
38 uncertainty in the annual quota category
39 allocations and accounting, you know. And some
40 of this speaks to how either, whether it be the
41 longline fishery or, you know, the lack of
42 activity that we see in the purse seine category.
43 Not wanting to preclude fishing opportunities,
44 you know.

45 So sometimes you have to wait for
46 some time to go by before you can, the agency can
47 actually reassess, and see where in-season
48 actions may or may not be warranted.

1 Ultimately, trying to optimize those fishing
2 opportunities, by some of the flexibility that
3 we have proposed.

4 And then in essence, and we've heard
5 this in aces over the years, is trying to ensure
6 that the various quota categories are regulated
7 and fair in equitable manner, in relationship to
8 one another. To making sure that, you know, one
9 user group's activity doesn't necessarily
10 encroach upon another's.

11 And so that's also one of these key
12 objectives that we've been keeping in the
13 forefront as we develop these proposals. So to
14 break it down into some specifics. Essentially
15 the first proposal is what we're referring to as
16 a codified reallocation.

17 So essentially, and apparently,
18 somebody keep track. Apparently I'm using
19 apparently and in essence throughout these
20 presentations, where college kids are now making
21 a drinking game out of it on line. But
22 essentially the -- And now that I mentioned it
23 I'm going to say it even more.

24 But what we're trying to accomplish
25 by this specific proposal, is to reach back to
26 a point in time when these allocation
27 percentages were established as landings
28 quotas. At that point there was an
29 international recommendation to account for
30 dead discards.

31 And trying to reset the clock, if you
32 will, of how do you get back to that point in
33 time? Because there were recommendations at
34 that stage. To try to now see how can we move
35 forward and account for some of those changes
36 over time.

37 You know, one is, those percentages
38 were set up as landings percentages. And now
39 the hand that we're managing to needs to account
40 for all sources of dead discards in there. So
41 instantly there's a disconnect.

42 And so, how are some of the ways that
43 you can try to kind of realign the quota
44 management aspects, to what's actually taking
45 place within the various fisheries?

46 So one of them is this codified
47 reallocation, where instead of opening up the
48 Pandora's Box, and looking at each quota

1 categories based on allocation percentage, we
2 have proposed to essentially reconstruct that 68
3 metric ton amount. And I'll have a couple of
4 slides here that kind of demonstrate how we
5 propose to do that.

6 One of the other items that we're
7 looking to do is, what we're kind of couching as
8 annual reallocation. And I'll get into this in
9 definitely more detail, not only in this
10 presentation, but as well as tomorrow.

11 But where we can recognize that
12 there's been a significant inactivity in the
13 purse seine category. And where that
14 category's allocated north of 18 percent on an
15 annual basis, how do you manage that?

16 And what can you do different, that
17 wouldn't necessarily preclude fishing
18 opportunities amongst those users, but also may
19 free up the flexibility to deal with some of the
20 management issues that we've been struggling
21 with for years now?

22 And one proposal is, essentially,
23 you reestablish how that purse seine quota would
24 be allocated on an annual basis, based upon their
25 level of activity. And based upon that level of
26 activity, if it happens to be low, perhaps there
27 are ways that we can free up some of that quota
28 to address some of in-season needs within the
29 fishery.

30 So whether it be in-season
31 transfers. Or whether it be to direct the user
32 groups to address some incidental issues in
33 nature to deal with research. All of the above.
34 Everything that we've used the reserve category
35 for.

36 So we'll be discussing that, as well
37 as you know, looking at how can we instill
38 additional flexibility into that reserve
39 category in and of itself, to instill some of
40 that flexibility, to allow us to manage to what
41 we all kind of face in an annual basis, when it
42 comes to bluefin.

43 So getting back to the codified
44 reallocation. So here, essentially if you look
45 at it is, we have two pies. One was landings.
46 One was dead discards. You know, this is
47 essentially where we're at, at one point in time.
48 And so all of our dead discards were handled

1 underneath this 68 metric ton set aside.

2 Now, you know, a couple of other
3 items to note. How we were calculating dead
4 discards at the time was different, you know.
5 So there's a number of moving pieces, depending
6 on where you kind of select the marker in the time
7 line.

8 But at one point in time, when we
9 established our domestic quota allocation
10 percentages, this was the environment we were
11 operating on. So when you actually get to 2006
12 and beyond -- Well, actually this is more the
13 environment we're operating underneath, is all
14 sources of mortality need to be accounted for,
15 within the U.S. quota.

16 And so essentially, you know, that
17 68 metric ton set aside, you know, is now needed
18 to be accounted for within the quota. Or it's
19 now absorbed. It's no longer there. It's no
20 longer in addition. And so in struggling on
21 ways to address this from a management
22 perspective, you know, again, trying to bridge
23 the gap of the landings quota now being morphed
24 to account for mortality.

25 And again, not wanting to open up
26 Pandora's Box with all allocations. What we've
27 actually proposed is that all the various
28 domestic user groups contribute a certain
29 percentage to essentially reestablish that 68
30 metric ton amount.

31 So depicted here, as you kind of go
32 clockwise, you know, the reserve 2.5 percent,
33 general 47.1, harpoon just shy of four, purse
34 seine 18.6, so on and so forth. But these
35 percentages would actually be applied to that 68
36 metric ton amount.

37 And then ultimately that amount
38 would be reallocated to the longline category,
39 to essentially now account for not only
40 landings, but also the dead discards that are
41 associated with that fishery.

42 And knowing that recent estimates of
43 landings and dead discards, this management
44 measure in and of itself isn't necessarily going
45 to correct the problem. It's just one of the
46 measures that we've explored to help us get where
47 we believe we need to go.

48 So here's essentially a table kind

1 of depicting that same pie graph. And some of
2 the implications it has in all of the various
3 groups. So we have all the various categories
4 listed. Their baseline allocation percentage
5 is also listed.

6 And then if you were to apply those
7 same percentages to that 68 metric ton amount,
8 you kind of get the figures that are in that third
9 column. And then the implications on, at least
10 for 2013, what would -- If this were to go
11 final, what would the quota allocation
12 implications be, you know?

13 So you can see that there's a
14 reduction to some degree in all the various user
15 groups, except for the longline category. And
16 ultimately, that is by design, where right now
17 the information we have regarding dead discards
18 is primarily generated from the reporting that
19 is done by that user group, whether it be
20 logbooks or observers.

21 So in essence, it would be a net
22 increase of 62.5 metric tons. Because the
23 longline category would also be contributing.
24 So it's not a full 68. It kind of nullifies
25 itself when they give it back to themselves.

26 So segueing off of the codified, to
27 discuss more of the annual reallocation
28 proposal. So again, as I had mentioned, kind of
29 the backdrop is how do you, or how have we been
30 managing?

31 And then how we believe we can manage
32 the relatively inactive purse seine fishery, you
33 know, as we move forward in time, given that they
34 have 18 percent of the U.S. allocation. And
35 combining that with not wanting to preclude
36 fishing opportunities, you don't necessarily
37 know how the fisheries' going to play out.

38 So you can't necessarily take "away"
39 from a user group right up front. Or that's not
40 something we'd prefer to do out of the get go,
41 for various reasons.

42 So ultimately what we proposed is
43 that based upon their fishing activity, would
44 actually dictate how much of their quota
45 allocation they would receive in the subsequent
46 year. So if they remained relatively inactive,
47 like they have for a number of years --

48 So kind of using this graph as an

1 example. And I'll have the chart to, or a table
2 that I'll depict these numbers afterwards. But
3 let's say that, you know, in the first year they
4 only really harvest between 20, zero and 20
5 percent of their base line allocation.

6 Well that would mean in the
7 following year they would receive 25 percent of
8 that allocation. And we have these numbers
9 stacked so in essence, based upon the activity
10 of those seiners, they could either increase how
11 much of their base line allocation over time.
12 Or, if activity remains relatively low it would
13 decrease.

14 And the proposal would be that for
15 that percentage that isn't going to the purse
16 seine category, it would be reallocated to the
17 reserve. Again, for a number of the different
18 reasons that we have that reserve established.

19 We could then start to entertain
20 reallocating more up front in the season,
21 whether it be to address any of our management
22 concerns. But all of a sudden, it now is a, you
23 know, as Margo mentioned, a tool in the toolbox
24 to proactively try to figure out how do we in the
25 United States --

26 How do we as U.S. fishermen fully
27 utilize this quota, versus potentially needing
28 to wait until very late in the season? And then
29 given some of the other ICCAT recommendations,
30 some of that being limitations on roll over.

31 How do you maximize the fishing
32 opportunities that the U.S. has in front of it?
33 So to kind of run this down in some of the
34 additional numbers, you know, to -- It's
35 essentially the same bins that I just showed.

36 So again, the first column is
37 looking at the amount of quota that's used by the
38 purse seine category in a given year. So are
39 they catching a fifth, you know, just shy of
40 two-fifths, what have you?

41 And the implications would be is
42 that their quota would be adjusted upwards or
43 downwards accordingly in the subsequent year.
44 So again, if we had very little effort, as we've
45 seen in the last decade, well then we would
46 provide, you know, some level of quota.

47 But yet, we wouldn't necessarily
48 have that full 171.8 metric tons locked up until

1 the season's almost over. It would allow some
2 flexibility to move some of that quota around for
3 our various management measures.

4 And again, it's somewhat of a
5 staggered system. We didn't want to set up a
6 system where the purse seine category couldn't
7 necessarily grow if all of a sudden the
8 conditions were to present themselves where they
9 could make an economic decision to reenter the
10 fishery.

11 All of a sudden you'd have more
12 homogenized schools of giants, you know, less
13 mixing. And that really hasn't presented
14 itself to date. But we wanted to keep those
15 doors open. But yet not too far open, where all
16 of a sudden we'd become limited in how we manage
17 the U.S. quota as a whole.

18 So shifting gears, kind of from that
19 overall quota management set of measure. And
20 again, Tom will have a more detailed
21 presentation on that. And I expect thorough
22 discussion on that. At least what we can say
23 before we get up against the clock. But we'll
24 have dedicated time tomorrow. In fact, all of
25 tomorrow to get into it.

26 So to shift gears to more or less
27 discuss some of the alternatives we've
28 presented, to get at some of these interaction
29 levels that we've been seeing occur over time.

30 And so one of the proposed gear
31 restricted areas that we have proposed is within
32 the Gulf of Mexico. And essentially this area
33 would be closed to fishing pelagic longline gear
34 for the months of April and May.

35 And in essence would reduce by
36 catch, as depicted in the right hand box there.
37 Again, we looked at a number of other different
38 times, as well as areas.

39 But opted to go forward with
40 preferring this, given the balance between the,
41 not only the biological implications, but as
42 well as the socio and economic associated with
43 it.

44 So I think, you know, we'll get into
45 what are some of the implications, not only with
46 the by catch reductions of bluefin, but also,
47 what would be the implications on some of those
48 directed species, whether it be swordfish or

1 yellowfin, or the closer pelagics, dolphin,
2 wahoo, et cetera.

3 The second area that we proposed as
4 a gear restricted area has a little bit more
5 complexity associated with it, in the sense that
6 it's -- We've proposed it from December through
7 April.

8 However, we've also designed this
9 area to allow for some conditional access, where
10 pelagic longline gear would still be allowed to
11 fish in this area.

12 And based upon our initial analyses
13 it looks like, at least from the onset, that
14 there would be about 18 vessels that would not
15 be allowed to fish within this area during that
16 time frame, for a number of various reasons that
17 I'll get into.

18 In essence, it's starting to boil
19 down to how we're trying to assess performance
20 at an individual level. And then trying to
21 manage that level of performance.

22 So some of our initial analyses show
23 that, you know, this area has been a hot spot for
24 bluefin tuna interactions with pelagic longline
25 gear. Those interactions have shown to be
26 consistent over time.

27 And so when you kind of look at this
28 time frame in this geographic area, you actually
29 can see that there could be substantial
30 reductions in bluefin tuna interactions.

31 But we also acknowledge that there
32 could be significant economic impacts as well.
33 So in essence, trying to -- And there's that
34 word again. Trying to get at, you know, where
35 we have looked at information supplied, whether
36 it be through dealer weigh outs, whether it be
37 logbook information.

38 That we show, that within this
39 specific area, you know, some vessels just have
40 high interactions with bluefin tuna year in and
41 year out. However, there are other vessels
42 don't seem to have those same patterns. So we
43 haven't seen consistency across the fleet that
44 happens to be fishing this area.

45 And so trying to avoid just a sledge
46 hammer approach of just shutting an area down,
47 incurring the social and economic impacts
48 associated with that. Trying to refine the ways

1 that we're trying to manage and get at some of
2 these issues.

3 And so when looking at some of this
4 conditional access, essentially looking at some
5 of these performance metrics that I spoke to.
6 So one is just flat out bluefin tuna
7 interactions. You know, trying to look at, what
8 are the volume of target species individuals are
9 landing?

10 In essence, or shall I say, in
11 relation to the number of bluefin they're
12 interacting with. How many folks are able to
13 get on swords, yellow, et cetera? But are able
14 to avoid bluefin.

15 And then you know, which of those
16 vessels may not have that same level of
17 performance? Or at least demonstrated by the
18 data streams that we have. Some of the other
19 metrics that are fully within the control of the
20 vessel owner and operator.

21 And we'd be looking at compliance
22 with the Observer Program, and some of the
23 components there. Whether it be communicating
24 with the program, if you're selected. And
25 you're informing that program that you have a
26 trip planned.

27 And then if an observer's available,
28 you actually then in turn take that observer.
29 But also knowing that there are mechanisms I
30 place where somebody could be fully compliant
31 with that observer program, but an observer
32 isn't deployed.

33 You know, we get that. It's not a
34 one to one ratio. And we believe we have
35 accounted for that in these performance metrics.
36 Also looking at just the logbook compliance, you
37 know. Essentially, how timely is information
38 being submitted back to the agency underneath
39 preexisting programs.

40 Now, one thing that we've
41 acknowledged out of the gate is, you know, what
42 sort of time frame are we looking at to set up
43 the base line for these kind of performance
44 metrics. And it's that '06 through 2011 time
45 frame.

46 But as we move forward, knowing that
47 behavior, you know, can change. In all
48 likelihood will change, depending on how we

1 finalize this action.

2 But also not to have anybody be shut
3 out in perpetuity, you know, where the ability
4 to control some of these mechanisms are within
5 the grasp of each individual vessel owner and
6 operator, on how either they comply or not with
7 various programs.

8 Or at least how their fishing
9 practices relate to interacting with bluefin.
10 So we've kept that open ended as well. And so
11 we would essentially try to evaluate those
12 performance metrics on an annual basis.

13 And right now I suppose that we would
14 average kind of the previous three years
15 activity to kind of regenerate that score. And
16 that would be essentially what we would do to
17 reevaluate.

18 So if somebody happened to struggle
19 with meeting the observer requirements, or
20 struggle in getting logbooks submitted in a
21 timely fashion.

22 Well over time if those variables
23 were to change, all of a sudden access to the gear
24 restricted area could, in essence, be granted in
25 the future years.

26 And then the likelihood that it
27 could go the other way if all of a sudden
28 compliance were to drop off. Or if bluefin tuna
29 interaction rates were to change we could also
30 reassess that in a different direction.

31 Now acknowledging that there are, at
32 least the way it's currently assessed, there are
33 about 18 vessels that would be impacted by these
34 performance metrics in this gear restricted
35 area.

36 And something that we heard as part
37 of the scoping process is, in trying to meet some
38 of this give and take, you know, where we
39 understand that there's a lot in this amendment
40 that's causing folks some angst, you know, as
41 things that may be perceived as being taken away.

42 But also, how do you get back?
43 Again, trying to achieve that balance. One
44 thing that we proposed is that for those vessels
45 that have been deemed as not qualified to enter
46 that gear restricted area with pelagic longline
47 gear, is to establish a provision where they
48 could declare into the area and fish with rod and

1 reel, actually for bluefin. Essentially as a
2 general category vessel, you know.

3 And then the agency would need to
4 look at, you know, how many vessels are actually
5 taking advantage of that potential opportunity.
6 And then what sort of quota implications that
7 would go along with.

8 One of the other mechanisms that
9 we're proposing underneath Amendment 7, again in
10 the context of this give and take, is for those
11 vessels that have, at least underneath this
12 performance criteria, shown that they've either
13 been able to avoid bluefin, or they're compliant
14 with the observer programs and logbook
15 requirements, is to potentially grant access to
16 the preexisting closed areas.

17 We've had a lot of discussions
18 around this table about what sort of data
19 information was used in the establishment of
20 these closed areas. And various research
21 projects to gain access, to see what's actually
22 taking place there.

23 What are the catch rates, given some
24 of the gear tech advancements since they were
25 originally established? And so one of the
26 provisions is that if you happen to fall into one
27 of these kind of qualifying bins, and you
28 actually happen to be selected by the observer
29 program, and actually take an observer for that
30 given trip, we would grant conditional access to
31 these closed areas.

32 Granted, there's VMS and the like on
33 these vessels. And so trying to look at what
34 sort of information can be attained from those
35 sort of trips. So again, we're looking at, you
36 know, the northeast distant, the Charleston
37 Bump, at least a portion of the Florida area, as
38 well as those DeSoto Canyons.

39 So again, we're looking at, this
40 would be a rather select number of trips, given
41 the observer program process, and those being
42 qualified, of getting into these areas.

43 Now, acknowledging the sensitivity
44 in some of them, what we would also need to do
45 is to ensure that we don't all of a sudden create
46 problems that we're trying to address over time.

47 Is maintain the ability to
48 essentially stop access to these closed areas,

1 if we were to observe some sort of event. All
2 of a sudden white marlin interactions, or
3 bluefin interactions, or turtle interactions,
4 for that matter. All of a sudden are much higher
5 than what we may anticipate. Or that just
6 becomes some of the information we discover,
7 with having some effort there.

8 That we maintain the backstop, that
9 all of a sudden if we were to get this
10 information, that we'd probably want to curb
11 that activity. So we don't all of a sudden
12 create a new set of issues that we'll be around
13 this table trying to resolve.

14 And at least as it relates to whether
15 it be a gear restricted area or a closed area,
16 one kind of provision being proposed is to
17 allow the transiting of these areas. Instead of
18 having to say, incur costs to circumnavigate or
19 --

20 So by allowing for some sort of
21 stowage provision that's prevalent in a lot of
22 other fisheries, to allow the direct transiting.
23 Especially with some of these proposed gear
24 restricted areas, as well as the preexisting
25 closed.

26 So briefly touched on reallocation.
27 Briefly touched on gear restricted areas.
28 Again, acknowledging that we're going to get
29 into this in much more detail. And so we will
30 kind of get into this more. But trying to keep
31 at least this overview presentation exactly
32 that.

33 So then to segue over to the
34 individual bluefin quotas, and some of the
35 objectives we were trying to reach with our
36 preferred alternatives. So in essence, trying
37 to limit bluefin tuna landings, as well as dead
38 discards with a hard cap.

39 Something that's very different,
40 that we have now in our current management. I
41 think we could say that there's a cap on
42 landings, but not necessarily interactions as a
43 whole. And in essence, trying to provide strong
44 incentives to avoid those interactions all
45 together.

46 So whether that be behavioral
47 modifications above and beyond, you know, what
48 may be achieved if we were to move forward and

1 finalize those gear restricted areas. But
2 allowing some level of flexibility amongst the
3 limited access permit holders to essentially
4 procure more quota as needed.

5 You know, some of our analyses show
6 that where some of our IBQ percentages, as well
7 as the tonnage equivalent, may not impact the
8 individual's historic fishing patterns. But
9 for those that it does impact, it could be a
10 rather significant change.

11 And so trying to allow for some
12 flexibility, where right now what we have
13 proposed is to allow for leasing amongst the
14 limited access permit holders. So that would
15 not only necessarily be a longline vessel to
16 longline vessel. But would be inclusive of
17 those purse seine vessels as well.

18 Again, trying to allow for vessels
19 to go and procure more quota, to match their
20 fishing practices. And then continue to keep
21 those longline operations going.

22 But the balancing act of, you know,
23 trying to keep that capped at some level, so it's
24 just not happening where it can, you know, start
25 to run afoul of some of the other objectives
26 we're trying to accomplish underneath this
27 Amendment.

28 So underneath the IBQ program. So
29 we've set up our proposed foundation of this by
30 establishing quota shares to those active
31 pelagic longline vessels. And essentially that
32 quota share would be applied to the longline
33 category as a whole.

34 And then based upon those
35 percentages you would get the metric ton
36 equivalent, or what we're referring to as the IBQ
37 allocation. So obviously this has, you know,
38 some flexibility as overall quotas, U.S. quotas,
39 increase or decrease.

40 You know, obviously that would
41 ripple through when you look at it from a
42 percentage. And then back to that individual
43 allocation level. We've also proposed to set up
44 these individual bluefin quotas on a regional
45 basis, you know.

46 So we have proposed to set them up
47 both Atlantic, as well as within the Gulf of
48 Mexico. And have proposed to limit the shift of

1 that effort from the Atlantic into the Gulf.
2 For a number of reasons that, again, we'll get
3 into.

4 But kind of where the tires start to
5 hit the road regarding this IBQ is, in practice
6 a vessel would actually need a minimal amount of
7 allocation, whether they're fishing in the
8 Atlantic or in the Gulf of Mexico, to embark on
9 a trip fishing with pelagic longline gear.

10 So folks would actually need to have
11 an allocation to go fish longline. And as
12 proposed, we've set up that threshold as .125
13 metric tons would be needed for a vessel leaving
14 an Atlantic port to go fish longline gear.

15 And that threshold is slightly
16 higher in the Gulf of Mexico. And some of that
17 is attributable to the average size of the
18 bluefin tuna that can be interacted with that
19 gear type in those geographic areas.

20 What would also be kind of a nuance
21 is that all known mortality would then need to
22 also be accounted for within this IBQ. So we're
23 not just talking landings. But we're talking
24 about fish that are being discarded dead, you
25 know, that are coming, you know, to the rail as
26 a known source of mortality.

27 So how this could potentially play
28 out in practice is that we acknowledge, and
29 continue to acknowledge, that some of these
30 bluefin tuna interactions are incidental. That
31 not everyone is in control with the number of
32 fish that are going to take their baits.

33 And so that, although there's a
34 minimum allocation required to embark on a trip,
35 that even if that trip were to exceed that amount
36 the trip could continue. The balancing act
37 comes more when that trip is concluded.

38 And then based upon the number of
39 interactions that have resulted in either
40 landings or dead discards, that's ultimately
41 where some level of accounting would need to take
42 place, before that vessel could embark on
43 another pelagic longline trip.

44 So essentially, each of these
45 vessels would need to be in the black to go on
46 a subsequent trip. And so whether that's
47 through their own individual quota allocation
48 that they may have, or whether it's through some

1 sort of a leasing, or some other agency action.

2 But that's essentially kind of how
3 it's designed right now within the IBQ program.
4 Right now, because we understand and acknowledge
5 what a change this is in regards to how we manage
6 the longline fleet, especially this by catch
7 species, we've proposed to just start off with
8 a lot of leasing to take place on an annual basis.

9 I think there are plenty of lessons
10 learned around the country when, and if, you are
11 allowed permanent sale of shares or allocation
12 too early in the game. The market hasn't even
13 established itself.

14 So there's extreme risks involved.
15 Either somebody selling too high, somebody
16 procuring too much, too quickly. That we wanted
17 to kind of keep that in check. Because we, and
18 I think we've heard over the last couple of years
19 is, you know, if these changes are to solidify,
20 you know, we need to go slow to see how they are
21 actually, or actually not, achieving the
22 objectives.

23 And so this would also, you know,
24 include reviewing this program, you know, on a
25 three year basis. You know, to see, is it
26 getting us where we thought it might?

27 Also to kind of prevent any level of
28 stockpiling, at least in the short term is, the
29 proposal is that the leasing, as well as the
30 allocations, wouldn't carry over from one year
31 to the next. The clock, essentially would
32 restart at the beginning of each fishing year.

33 Some of the other management
34 measures that have a direct correlation to this
35 IBQ program, you know, as I mentioned, is not
36 necessarily at a individual vessel basis.
37 Where if somebody does not have enough
38 allocation they wouldn't be allowed to fish
39 longline gear until they were able to get some.

40 But would also instill the agency
41 with the ability to close the longline fishery
42 down as a whole, if all of a sudden the longline
43 category was reached. So let's call it for what
44 it is.

45 Here's the big stick with the rusty
46 nail that hasn't been present in this industry.
47 Where all of a sudden we're not talking about
48 just disallowing the retention of bluefin tuna.

1 But ultimately, this would be closing the entire
2 pelagic longline fishery down.

3 So that would be inclusive of
4 swordfish, inclusive of yellowfin. And
5 obviously the direct implications of those
6 closures, as they had not only here
7 domestically, but as well as internationally.
8 The proposal to eliminate target catch
9 requirements.

10 Right now we have kind of a three
11 tiered system, which wouldn't necessarily have
12 applicability when there's an individual
13 accounting system in place. So we proposed to
14 do away with this in all the various geographic
15 areas.

16 As well as proposed to require the
17 mandatory of all legal sized bluefin tuna, to be
18 then turn turned, capped, landed and sold, and
19 accounted for underneath that IBQ, while
20 maintain the commercial minimum size.

21 And acknowledge there may some level
22 of dead discards that need to be kind of, fall
23 underneath that IBQ as well. And with the
24 administration, and the proposal of any of these
25 sort of programs, you know, obviously there
26 needs to be thorough vetting of all the various
27 issues, especially when there's limited access
28 privileges being presented.

29 So obviously there would need to be
30 a full blown appeals process as part of this
31 program. Underneath Magnuson there's some
32 level of cost recovery that the agency's
33 required to explore when it comes to these sort
34 of lap programs.

35 And then as I mentioned, trying to
36 set a horizon not too far out, to see whether or
37 not this sort of management technique is
38 working. Is it not? So we don't necessarily
39 get too far down a path before trying to revise
40 it, if it were to be finalized.

41 So we'll get into this in much more
42 detail. But to kind of give a flavor of kind of
43 the mechanisms we've used to set up these initial
44 allocation shares. And then in turn the
45 allocations. You know, we, excuse me.

46 We essentially looked at vessels'
47 activity through the time period of 2006 through
48 2011 again. Essentially looking at weigh out

1 slips, vessel logbook information. and looking
2 at the volumes of the targeted species.

3 What we're referring to here as
4 designated species that these vessels are
5 landing. So it's not only inclusive of the HMS
6 species, but acknowledging that dolphin, wahoo,
7 you know, some of these other species make up a
8 substantial portion of this pelagic longline
9 catch. That we wanted to be inclusive of that
10 as well.

11 But we also wanted to look at that
12 ratio of how many bluefin are being interacted,
13 as it relates to those quantities of directed
14 species as well. And so we did this at a fleet
15 wide level. Excuse me, at a vessel level for the
16 entire fleet as we looked at this.

17 We looked at also some of the base
18 lines as far as activity, you know. So for this
19 '06 through '11 time frame for the permits that
20 are in circulation, we looked to see who had made
21 at least one pelagic longline set within that
22 time frame.

23 As well as looking at the number of
24 permits that are on those same vessels, you know,
25 at this point in time as well, in trying to kind
26 of figure out what that universe looks like.

27 And instead of trying to establish
28 an allocation based upon all those various
29 metrics at an individual level, and to account
30 for some of the variance within the data, we
31 proposed to bin some of these allocation shares.
32 Both at a high, medium and low level, if you will.

33 And then kind of group each
34 individual vessel performance within these
35 bins. And so as proposed, this is how it kind
36 of starts to look. So for those individuals
37 that have shown kind of a high performance in
38 practice and ability to avoid bluefin, but yet
39 still have high quantities of those directed
40 targeted species landed.

41 If you happen to kind of fall into
42 that bin, based upon that performance score,
43 right now it's proposed you would receive one
44 percent of the longline category allocation.

45 And if you were to look back at the
46 previous codified quota reallocation, if the
47 longline category were to be adjusted, you know,
48 that would essentially equate to about 1.37

1 metric tons of bluefin, given the current U.S.
2 allocation, as well as if we were to finalize
3 that 68 metric ton.

4 And then the system tiers down
5 where, you know, the middle of the pack would be
6 about half of a percent, which would equate to
7 about three-quarters of a metric ton in base line
8 allocation.

9 And then that kind of lower tier
10 would be about just north of a third. And would
11 equate to just about less than a half of a metric
12 ton of base line bluefin tuna allocation to the
13 vessel. Again, we'll get into that in much more
14 detail.

15 We'll kind of, you know, how the
16 fleet kind of shook out, in regarding to those
17 analyses. But I'll save that for one of the
18 subsequent presentations. So in acknowledging
19 that, you know, the agency's ability to close the
20 entire longline fishery is a dramatic change, we
21 wanted to discuss how that may play out.

22 I know, I've had the conversation
23 with a number of individuals, either in sidebars
24 here today already. Or through, you know,
25 conversations leading up to this point.

26 But kind of acknowledging that where
27 we currently stand in a fleet wide management
28 basis. And some of the proposals to get to an
29 individual accountability, individual
30 management basis.

31 There's going to be some level of
32 transitional period that's going to take place.
33 And then what does the agency do to kind of bridge
34 that gap, and address some of these issues that
35 we've been encountering, the way the management
36 is currently established?

37 Essentially, no hard cap or hard
38 ceiling regarding bluefin tuna mortality, and
39 how to account for it. So acknowledging that,
40 and acknowledging how we've managed this, you
41 know, to date in the annual specifications.

42 You know, accounting for some level
43 of a dead discard estimate, you know, either out
44 front and, you know, the other half in the tail
45 end of the year. At least, that's how it's been
46 currently done. Is looking to see, as we
47 migrate to a individual accountability and this
48 individual bluefin program, you know, how would

1 we bridge that, you know?

2 Would we in essence, need to account
3 for all sources of those estimated dead discards
4 up front? And then have the remainder be
5 landings quota? And essentially, still having
6 this authority, you know, to close the fishery,
7 you know, as needed, or as warranted.

8 So, you know, we don't necessarily
9 have the same level of interactions, dead
10 discards, that we've been seeing and struggling
11 with for the past number of years.

12 And so there's a number of different
13 ways we can handle that. Not only in the short
14 term, but also in the long term. So obviously,
15 with that level of scrutiny, and the
16 implications that are associated with that sort
17 of capability, obviously reporting takes on a
18 completely different importance, than I think
19 where we're currently at now.

20 Where all of a sudden, with some of
21 the VMS rulemaking that's taking place, looking
22 to see how can we capitalize on the two way
23 communication capabilities to get real time
24 estimates of what's actually taking place in the
25 fishery.

26 So whether it's essentially trying
27 to assess the amount of effort that's being
28 deployed, you know, real time. Looking at prior
29 catch rates. Essentially allowing the agency
30 to refine its estimation methodology of what
31 sort of discards are happening.

32 Obviously with the catch
33 information we get that almost real time through
34 the bluefin tuna deal reporting system. But
35 needing to do this assessment, you know, so we're
36 not necessarily blowing through quotas that
37 could have implications regarding the fishery as
38 a whole.

39 But also, you know, needing to
40 reflect what's actually taking place on the
41 ground. Another immense need, especially when
42 you're looking at individual accountability --

43 And one item that we've looked at,
44 and we've heard it in a couple of other contexts
45 already is, whether it's the observer. You
46 know, whether that's an individual observer, or
47 whether it's some sort of an electronic
48 mechanism, and some of the costs associated with

1 all those various programs.

2 And, you know, the needs of where
3 we're at now, which is at eight percent. And
4 that wasn't necessarily based on bluefin
5 interactions. But some of our turtle biops.

6 But yet, the desire and the need to
7 increase that, when all of a sudden you're trying
8 to do some level of a census management approach.
9 And so right now we've kind of proposed that
10 electronic monitoring may be the way forward,
11 given some of the costs associated with that sort
12 of monitoring system, versus the 100 percent
13 observer, you know, man observer hours.

14 And that reflects back on some of the
15 items that Sam had raised, as to where does some
16 of this money come from? What are the resources
17 that are available to the agency? What can the
18 industry actually incur as a monetary burden?

19 And so we've opted to, you know, kind
20 of lean more towards that electronic monitoring,
21 as well as you know, using that to supplement
22 some of other data sources already. So whether
23 it be starting out and using it as an auditing
24 tool, versus trying to do a full blown census.

25 And what sort of sampling would we
26 need there to gain confidence as this sort of a
27 program evolved? And so in addition to just
28 verifying information that, say we would be
29 collecting through, you know, those vessels that
30 happened to be selected to take an observer, or
31 what's being reported to us via logbooks. Or if
32 the VMS requirements were to change.

33 It obviously strengthens the
34 confidence in that sort of information, if you
35 could supplement it with, you know, live footage
36 that shows, you know, X number of tuna coming
37 over the rail. Or how many are going back? How
38 many are being retained?

39 And there's some good evidence in a
40 lot of the other fisheries that this may be a
41 viable option here in the Atlantic pelagic
42 longline fishery, you know. So we look forward
43 to discussing that in more detail.

44 Not to mention that it would also
45 help augment, you know, those trips that are
46 being observed, you know, where you could have
47 that level of tracking information, where we
48 know that those observers aren't up 27/7, you

1 know.

2 So some of these other cursory
3 benefits that may come about if we were to
4 finalize an electronic monitoring requirement,
5 and have it rolled out amongst the longline
6 fleet. Also looking at some of the other
7 categories, you know.

8 One of the other messages we've
9 heard, you know, pretty loud and clear over time
10 is the equity in some of the reporting
11 requirements amongst all the various U.S.
12 fishermen.

13 So some of the, what we've rolled out
14 here is to increase some of the reporting
15 requirements from the purse seine category, you
16 know, whether that be reporting through VMS.
17 Obviously, I think as folks are already aware,
18 that we have some international obligations on
19 that specific gear type, to have some of those
20 trips observed.

21 And so that's already kind of taking
22 place in this year's fishery. But ultimately,
23 you know, how do you get better catch information
24 in this segment of the fishery as well.

25 And so right now, the current
26 proposal stands at trying to collect some of that
27 information through that two way communication
28 capability as part of the VMS units.

29 And, you know, we look forward to a
30 lot of discussion on that item. Is that enough?
31 Is there more? Is there similarities in some of
32 the other fisheries that we could capitalize on?
33 And the same applies to our directed handier
34 vessels.

35 So here we have, you know, harpoon,
36 general, charter boat. And how do you get a
37 better catch information amongst this user
38 group, where currently, at least under the HMS
39 rules and regulations, we don't necessarily have
40 logbook requirements or VMS requirements. And
41 they haven't been selected to take observers
42 historically.

43 So how do you get at this segment of
44 the fishery, where -- To just take a prime
45 example, and look at the general category, you
46 know, you may have 4,000 different permit
47 holders. But you know that there's a great
48 variance in the fishing activities amongst those

1 permit holders.

2 Where, you know, on average for the
3 last number of years, you know, those successful
4 fishermen, actually with bluefin tuna, is more
5 in the 500-550 range.

6 And so when you're trying to design
7 some sort of a monitoring program, how do you
8 kind of get at that variance? And then use that
9 information to look at catch overall?

10 And so right now, what we proposed
11 in Amendment 7 is something very similar to
12 what's in existence in the recreational fishery.
13 So that would be some sort of an automated
14 system.

15 Whether it be a phone in report,
16 whether it be some sort of web system. Where
17 individuals are reporting their catch. Not
18 only fish that are coming back to the dock,
19 landed and sold, which would be corroborated by,
20 you know, the dealer landing system.

21 But also looking at interactions.
22 Whether those are fish that are caught and
23 released alive, or those fish that are caught and
24 released dead.

25 So shifting gears once again. I
26 don't know how many gears I've gone through.
27 But they're all starting to get stripped at this
28 point. Is looking at some of the additional
29 flexibility within the general category, as well
30 as the reserve category. And I'll touch on that
31 in a minute.

32 But one thing that we've continued
33 to hear at these meetings, as well as almost any
34 other meeting where bluefin is discussed, is
35 looking to optimize the utilization of U.S.
36 bluefin tuna quota overall.

37 Especially with the limitation on
38 carry forward at ten percent at this point, you
39 know, where if say, we don't harvest 20 percent
40 of our bluefin allocation, we can really only
41 carry forward ten, you know. Can the agency
42 fully optimize that additional ten percent that
43 we wouldn't be able to utilize?

44 And so one component that we've also
45 heard, in addition to that desire, is also being
46 able to account for some of the catch that may
47 take place in that early winter fishery.
48 Especially now that we've gone from that wrap

1 around, you know, June through May management
2 context, back to a calendar year.

3 And is there some flexibility the
4 agency can have where, if we see that there are
5 consistent patterns of under utilization in the
6 latter months of the fishery, you know, can some
7 of that be front loaded, you know, based upon
8 some of the fishing patterns? To provide more
9 opportunities, especially in the winter
10 fishery, to fully utilize the general category
11 quota.

12 So this proposal would just again be
13 one other additional mechanism that we, you
14 know, the agency, in reviewing a lot of our
15 determination criteria that Rick had mentioned
16 earlier, that currently exists in the bluefin
17 tuna in-season management authority.

18 So here's something else that we're
19 proposing to increase that flexibility, and
20 alternatives that we can look at, based upon the
21 dynamics of any given fishing year.

22 One other item that we've heard,
23 that directly pertains to the harpoon category,
24 is in one of the recent rulemakings we increase
25 the tolerance limit on large mediums.

26 And that essentially those
27 tolerances were hard coated in at four fish.
28 And that the agency should look at how some of
29 the other retention limits are managed, and some
30 of the flexibility there to account for that same
31 variability, you know.

32 So one item that we proposed here is
33 to keep the same range of allowable large medium
34 fish to be retained. But to build in some
35 flexibility. So it's not necessarily just hard
36 coated in at four fish.

37 And so it's proposed that we kind of
38 reset the marker at two. And then have the
39 ability to adjust this upwards to three or four
40 fish, given on the dynamics that are taking place
41 within the fishery. So that's something that
42 we've heard at a number of the meetings for the
43 last couple of years.

44 Something else that we've heard,
45 that actually pertains more to the recreational
46 fishery, is how we're managing the trophy
47 bluefin tuna quotas. And these are quotas that
48 are rather small in size.

1 And essentially allows recreational
2 fishermen, or those charter fisherman to keep
3 and retain these large medium giant bluefin
4 tuna, as a recreational fish. So these aren't
5 fish that are allowed to be sold.

6 And it's been brought to the
7 agency's attention, that the current north south
8 line that happens to exist off the coast of South
9 Jersey -- well depending on your perspective
10 that may not be a true location of where you want
11 to divide things north and south.

12 And acknowledging that there have
13 been fishing opportunities that may not have
14 presented themselves, depending on where you're
15 at along the coastline, we've actually proposed
16 to divide this trophy category up into three
17 different geographic areas, the northeast, kind
18 of the south Atlantic, and the Gulf of Mexico.

19 And thereby allowing that trophy
20 fishery to exist, you know, both in the northeast
21 and the southeast. But for those incidental
22 interactions that can occur, that have occurred
23 in the Gulf of Mexico, in essence to provide that
24 opportunity to exist.

25 Where what we've seen over the last
26 number of years is that that southern trophy
27 allocation is typically harvested in the January
28 -February time frame. And then any
29 opportunities as you migrate down the coast, and
30 then ultimately into the Gulf, they're just not
31 presented to anglers there.

32 So even though we acknowledge that
33 there isn't any directed fishery in the Gulf of
34 Mexico for bluefin tuna, there are these
35 incidental interactions where they're fishing
36 for swords or marlins, or yellowfin, where these
37 fish can be caught. And then thereby allowing
38 for that fish to be landed with the same equity
39 that there is up the Atlantic Seaboard.

40 One other proposal that we floated
41 out in this draft amendment was also to reexamine
42 the starting date of that Atlantic purse seine
43 fishery. Right now it's set to start on July
44 15th of each year, with the agency having the
45 authority to move it back to August.

46 There's been some requests made that
47 it coincide with the other commercial fisheries
48 to start on June 1st. And whether or not that

1 would mitigate some of the mixed schools that
2 we're observing, you know, certain fish moving
3 through earlier. So we've included that in this
4 draft amendment as well, as to entertain when
5 that actual purse seine fishery would commence.

6 Something that we've also heard in
7 and continue to hear, regardless of how many
8 times we try to get at the human element of this
9 is, individuals getting locked into a permit
10 category type, and then being unable to change
11 it.

12 So whether that be through
13 misunderstanding of the rules and regulations,
14 somebody just watched a little bit too much of
15 "Wicked Tuna" and said, oh it would be great to
16 go out and sell these things.

17 But now fully recognizing that
18 you're now a commercial vessel. And that
19 there's commercial safety gear requirements.
20 And there's a cost that goes along with those.
21 As well as just flat out human error.

22 And so understanding that being
23 locked into a category has implications on a
24 vessel's fishing activities for the remainder of
25 that year, trying to strike that balance of, how
26 do you address that human error dynamic?

27 But yet also stay true to the intent
28 of why those categories exist. And not allow
29 somebody to say, to participate in one category,
30 and then jump to another if the quota all of a
31 sudden were to be attained rapidly.

32 And home stretch here, I think I've
33 got just a few more slides. So thank you for
34 bearing with me. And to shift gears away from
35 bluefin, there's this species, apparently it's
36 called northern albacore tuna.

37 I don't know if it ever gets the air
38 time that it does for bluefin. But essentially
39 codifying some of the rules and regulations that
40 pertain to northern albacore.

41 So we've had international
42 recommendations and quotas. But we haven't
43 necessarily had the same provisions within the
44 domestic regulations to address carry forward,
45 openings and closures.

46 And so within Amendment 7 we've
47 proposed to establish and to codify some of these
48 same kind of fundamental management measures,

1 you know, that we have in existence for a lot of
2 the other kind of quota managed species.

3 So there it is in a nutshell. And,
4 you know, it's a very small nutshell, based upon
5 the detail that's behind everything I just kind
6 of went through. So to kind of just hit where
7 we're at, kind of where we're going, you know.

8 As Sam had mentioned, there's been
9 pretty consistent, regardless of who's
10 providing the comment, request to extend the
11 comment period, given the depth, the complexity,
12 the interplay of all these various management
13 measures.

14 And I think Sam, although not able
15 to officially say it's extended to date X or Y.
16 But I think he was pretty forthcoming, as much
17 as he can be. But that message has been heard.

18 And so where we exist in the comment
19 period now, we have had, you know, two public
20 hearings preceding this meeting itself, and one
21 consultation with one of the councils.

22 But we have easily another dozen
23 public hearings and meetings with all the other
24 various management councils over the next eight
25 or nine weeks here.

26 So we'll be, you know, looking for
27 not only discussion amongst the members here,
28 but members of the public in all those various
29 geographic regions, as well as the councils, as
30 far as, you know, things we've seen, haven't
31 seen, good, bad, ugly, you name it, as it relates
32 to all things contained in Amendment 7.

33 You know, the other component that
34 I think has already been brought up by some of
35 the members here now is, what measures may go
36 final, and when? You know, so there are some
37 management measures here that could go final
38 with the completion of the rule.

39 So standard practice is, you have a
40 30 day cooling off period before they become
41 effective. But we also recognize that there are
42 some other measures that may not be able to be
43 effective once the rule goes final.

44 You know, you can look at the
45 electronic monitoring component as a prime
46 example, where we would actually need to develop
47 what are the specifications?

48 And how does that actually play out

1 in practice, before it becomes fully
2 operational? And then ultimately can be
3 utilized for some of the monitoring and
4 tracking.

5 And so ultimately, we may have to
6 delay the effectiveness of some of these
7 measures. You know, I think another item that
8 we're acutely aware of is the timing, you know.

9 If all of a sudden you're migrating
10 from fleet wide management to an individual, and
11 get it finalized, trying to do that mid stream
12 becomes extremely difficult. And needing to
13 explore and acknowledge some of the implications
14 of when something may go final.

15 And what does that do to behavior?
16 What does it do to the monitoring? What does it
17 do to potential closures? You know, we need to
18 account for that so we don't run into any
19 unforeseen action that we're taking, you know,
20 as we're trying to move this management along.
21 And ultimately, submitting comments.

22 I think everyone here is pretty
23 familiar with it. You know, we'll take
24 everything verbal. You know, we take things via
25 email, you know. Tom is anxiously waiting by
26 the fax machine every single day, as well as
27 checking good old snail mail.

28 And so, you know, Tom, thankfully
29 has the pleasure of kind of going through that.
30 And we are reviewing all of it. It's, you know,
31 we understand that there's a lot here. And a lot
32 of it's new, and it's complex.

33 And we don't necessarily have all
34 the answers. That's why the dialogue here is so
35 important, is to try to figure out, you know,
36 what we have, haven't accounted for. And
37 ultimately, how we collectively, management,
38 industry, you know, interested members of the
39 public, having to move forward in general.

40 So with that I will conclude the
41 overview presentation. Again, thanks for
42 bearing with me. I know that's kind of a long
43 lecture, or thesis.

44 I'm getting a lot of feedback from
45 the public about, you know, you can see how that
46 may be difficult to sit through. You're all a
47 little bit more accustomed to it. But, you
48 know, I'll turn the mic over to Scott at this

1 point, and figure out how we manage the rest of
2 the time.

3 MR. MCCREARY: Great. Brad, it was
4 a long but necessary and informative
5 presentation, and very well delivered. I do
6 sense some people may be flagging. I also sense
7 some people are ready to jump in.

8 And my hunch is that there's some
9 people in the back of the room who are here to
10 give public comment. We had slated to start the
11 public comment period at 4:30 p.m. It's a tick
12 after 4:30 p.m.

13 I'd like to see a show of hands of
14 people in the back who want to make a public
15 comment. We won't call on you yet. But I'm
16 going to use that information to ask people at
17 this people to be concise and be respectful of
18 you who came to give public comment.

19 So if you do intend to give a public
20 comment, just raise your hand if you're in the
21 back of the room. One, two, three, four, five,
22 six about, something like that. Okay, about
23 half a dozen people. All right.

24 We will take a handful of comments
25 and questions from the HMS panel here. And
26 we'll save some time for members of the public.
27 And strive to maintain our 5:30 p.m. adjournment
28 target. Tom, did you want to jump in? You're
29 leaning forward.

30 MS. SCHULZE-HAUGEN: Well, so we've
31 got -- we had initially indicated we would get
32 in deep at 4:00 p.m. I'm wondering if we should
33 push that until tomorrow, and maybe start at 8:30
34 a.m.?

35 MR. MCCREARY: Sure.

36 MS. SCHULZE-HAUGEN: So did
37 everybody hear that?

38 MR. MCHALE: So, in essence, if you
39 look at the agenda, we were going to get into some
40 of the detail regarding quota allocation this
41 afternoon, starting at 4:30 p.m. Excuse me,
42 starting at 4 o'clock.

43 But because I was so long winded,
44 what the proposal is to allow for some discussion
45 now. To allow for those members of the public
46 that are here this evening to provide comment.
47 Is to shift that detailed presentation regarding
48 quota allocation, with the other three tomorrow.

1 Is that correct?

2 MR. MCCREARY: Yes, yes.

3 MS. SCHULZE-HAUGEN: Yes, but start
4 at 8:30 a.m.

5 MR. MCCREARY: And start at 8:30
6 a.m. Tom, you okay with that? You'll be here
7 anyway, I'm guessing. All right. There are
8 many cards around the table. I'm going to ask
9 again, each of you to be as concise as possible,
10 and respect the members of the public who are
11 here. Rich?

12 MEMBER RUAIS: Yes, thank you.
13 Brad that was a excellent presentation. You
14 should never be shy to use the words,
15 essentially, in essence, over and over again.
16 They're very good words.

17 But in essence, what you described
18 for those of us who have a lot of history. And
19 there's people in this room that probably have
20 more than me. But I have 23 years of history in
21 here.

22 What you, what in essence, and
23 essentially you're proposing is turning upside
24 down our fishery. And shaking it hard. And I'm
25 not sure in several years you'd be able to
26 recognize it.

27 The major thing that you're doing of
28 course, is taking the fourth ranking category in
29 terms of share, 8.1 percent to PLL. And
30 basically turning them into the second highest
31 share in indirect fishery, behind the general
32 category.

33 And in some years possibly you
34 could, I could see the pelagic longline fishery
35 having even a greater catch, meaning catch plus
36 discards, than the general category share. And
37 it shouldn't come as a surprise to anybody in HMS
38 that we're very disappointed with a very large
39 part of this plan.

40 If you recall, back in March of 2012
41 we had the AP, and you presented a preliminary
42 white paper. And there wasn't, you didn't get
43 a lot of support for a lot of the specific, some
44 of which you've incorporated here, for this kind
45 of a major revision to the boiler plate plan, the
46 traditional shares, the traditional way we
47 manage the fishery.

48 In fact, there was, if you remember,

1 Margo, and I have a few memory cells left, that
2 there you had asked for, at the end of the
3 meeting, a sense of support from the Advisory
4 Panel to move forward with the plan.

5 And basically there was a long
6 silence. And then about two minutes later Rick
7 Webber was called, finally volunteered to raise
8 his hand, and said he supported it. And then
9 there was some more protest.

10 And we ended up with the term
11 qualified support. And the plan went forward,
12 and this was what you developed for us. And it's
13 just too much, as far as many of us are concerned.

14 And we said that at earlier times the
15 problem is not with the overall fishery. The
16 overall fishery is essentially sound. The
17 sharing system among user groups is sound.
18 We've got a problem in the pelagic longline
19 category with the level of discards, and an
20 inadequate level of share.

21 And that problem, as we've said all
22 along, needs to be settled, from our
23 perspective, between the two industrial groups
24 that we have, which is the purse seine fleet,
25 which also has some level of discards, and the
26 pelagic longline fleet. And that's really
27 where your focus, we would have hoped your focus
28 would have been.

29 This proposal to codify
30 reallocation is completely unacceptable to us.
31 I mean, it's -- to say to groups, you're going
32 to pay your proportional share, 47 percent of the
33 general category, is going to be put into the
34 reserve, or a slush fund that's going to go to
35 the pelagic longline, is --

36 And they don't have anything to do,
37 no responsibility with the level of discards, or
38 the prosecution of that fishery, is just totally
39 inequitable. What did they do wrong to pay that
40 price, to have to do that?

41 I just, we just can't see that going
42 forward. And then to say that the pelagic
43 longline group is contributing to that 62 metric
44 tons, I mean, that's kind of -- how do you -- I
45 just can't see how you can say that.

46 You're saying that they're taking
47 8.1 percent of their -- or not 8.1. Yes, they're
48 taking 8.1 percent of the 62 metric tons and

1 giving it back to themselves.

2 So it's really not, they're really
3 not contributing anything at that level to the
4 reallocation. They're simply giving
5 themselves a share that they already have.
6 That's essentially what you're doing.

7 The big transfer comes when you go
8 to the purse seine category. And you basically
9 take that category, take about 75 percent of that
10 category away. And you have some
11 justifications in there that are certainly worth
12 looking at.

13 And you had a purse seine
14 representative when we had the meeting over in
15 Alexandria, or whatever part of Virginia it was.
16 Where were we? Bethesda, Maryland.

17 And the one remaining purse seiner
18 issue, as you say, who says he's willing to work
19 with the pelagic longline fleet. And he has
20 three of the five shares. And the other two
21 shares, you already know those purse seiners are
22 gone, they're out of the fleet.

23 And you already have criteria in the
24 plan that essentially wouldn't allow them an
25 allocation, when you say that just having a
26 permit, and asking for an allocation is no longer
27 going to be valid.

28 You're going to have to not only have
29 the permit, but you're going to show that you
30 have a vessel. And two of those permit holders
31 we know don't have vessels.

32 The question is whether or not you
33 accept contractual arrangement. And you're
34 perfectly free to say that you wouldn't accept
35 that. And so those two quotas right there
36 immediately become available.

37 And then the other three quotas,
38 you've got an indication of flexibility on the
39 corporations that own those three quotas to come
40 in and talk to you and the pelagic longline
41 people about working an agreement that takes the
42 bulk of that quota to solve the discard problem.
43 There isn't a need.

44 I think you can solve this problem
45 without going after the general category with a
46 lot of these concepts. Some of them are very,
47 we see as dangerous.

48 For example, the changes to the

1 reserve category that you propose. You want to
2 have more flexibility, and roll the underages
3 from June through August into the January,
4 February, or after February 1, I guess.

5 What we see you doing there is
6 creating the possibility for new fisheries.
7 And I think there is a, sort of a standard. When
8 you're in an over-fished fishery, and we also
9 have an ICCAT international treaty agreement
10 that has a clause that talks about, particularly
11 relates, specifically related to bluefin in
12 1974, that says there shouldn't be development
13 of any new fisheries.

14 We sort of violated that in the 1990s
15 when we agreed, under Bill Hogarth, that's in
16 your job, Margo, that North Carolina deserved
17 entry into the fishery at some level. And about
18 11 percent of the quota was granted to that.

19 But that was really in violation of
20 an agreement that we just simply overlooked.
21 I'm not sure we're going to get away with
22 overlooking the possibility of shifting a very
23 substantial part of the general category fishery
24 to not only, from Hatteras south, and not only
25 to general category --

26 Well, it will be general category
27 permit holders. But it would be pelagic
28 longline vessels also participating as general
29 category permit holders in that winter fishery.

30 You'd expand, potentially greatly
31 expand in years when the bluefin are available,
32 the giants are available at that time, that
33 fishery. And the new criteria and flexibility
34 that you talk about in the reserve that you would
35 have, to us it's frightening.

36 We don't have any control over that.
37 We can ask you, we can call you, we can petition
38 you. But in essence, you make the final
39 decisions as to where the reserve is going to go.

40 And to judge the general category,
41 and many of the categories here, when you're
42 talking about bluefin tuna, highly migratory
43 bluefin tuna, on the performance of five years,
44 whether it be the general category, the
45 performance we've had from June through August,
46 being low for a period of time.

47 We reached a low, a dead low in 2006
48 or 2007. And we've been creeping back up ever

1 since. Purse seine category, I'm surprised you
2 didn't mention once in your presentation today.

3 But in essence, they caught over a
4 quota's worth of fish this year so far, is what
5 I'm told. And the fishing's not over. And the
6 boat's still out there. So it could be closer
7 to two quotas. So that fishery might be coming
8 back as well.

9 And you can't take back. I mean,
10 you've got a provision in there that says, well,
11 you know, and maybe we'll give the purse seiners
12 a capability of working their way back into the
13 fishery by, if they reach 20 percent of their
14 quota in the next year, we'll give them 50
15 percent, or whatever the formulas are.

16 I mean, that's, it sounds good on
17 paper. But in reality, if you've taken the
18 quota away, and given it to somebody that's using
19 it, you can't then go back the next year and say,
20 oh, we had solved the discard problem by giving
21 you purse seine quota this year. But they now
22 qualify to get it back again.

23 So you go back to discarding. I
24 mean, you know, these things are inconsistencies
25 that have to be worked out. And they're,
26 there's just -- I think we have a long way to
27 go before we're ready to go that far.

28 MR. MCCREARY: And, Rich, we have a
29 long way to go before we --

30 MEMBER RUAIS: Yes, I know. I
31 know.

32 MR. MCCREARY: -- wrap up.

33 MEMBER RUAIS: And so I was going to
34 wrap up.

35 MR. MCCREARY: So that was a perfect
36 segue.

37 MEMBER RUAIS: I was feeling that
38 karma. So I was just about ready to wrap it up.
39 So I know we'll have all day tomorrow to talk
40 about this.

41 MR. MCCREARY: Yes.

42 MEMBER RUAIS: But I wanted, I was
43 glad that we went through a little bit of comment
44 around here before I had a heart attack, or
45 something. Thank you.

46 MR. MCCREARY: Take a deep breath.
47 All right. So I have about nine people in the
48 queue, and six people in the back of the room who

1 want to speak before we adjourn today. And I'm
2 going to go across the table to Andre. And then
3 I'll go back over to Ralph.

4 MEMBER BOUSTANY: Thank you. I
5 just have a couple of quick comments. And I have
6 plenty more for, that I think we'll have time for
7 tomorrow. But the quick technical comments.

8 The figures on Page 20, showing the
9 closed areas in relation to the areas of high
10 catch. So that is 19 and 20. Were those, those
11 hot spots are the high red areas, indicating high
12 catch.

13 Are those actually BFT
14 interactions? Or are they BFT interactions?
15 That's not a CPUE is it? That's just a catch.
16 So that doesn't control for effort?

17 MR. MCHALE: That's correct. And
18 we can get into that a little bit more as far as
19 the detail behind this. Because the charts and
20 the draft, yes, are much more explanatory. But
21 these are actually interactions as reported via
22 the logbook, versus extrapolated out for any
23 catch per unit effort.

24 MEMBER BOUSTANY: That really
25 should be done by catch per unit effort.
26 Because all you're doing in this case is
27 indicating the areas of high effort.

28 And by expelling boats from those
29 areas you could in fact be moving boats from
30 areas of low CPUE into areas of higher CPUE. So
31 those proposed closed areas should actually be
32 based on areas of high CPUE, and not areas of high
33 catch.

34 MR. MCCREARY: Thanks, Andre.
35 Ralph.

36 MEMBER PRATT: Rich covered some of
37 the same things I was going to talk about.
38 Except that I had a, I think a constructive
39 approach for flexibility in the general
40 category.

41 I think if you took the December
42 quota and moved it into February, that would
43 allow space for rollovers from the year prior to
44 fill in December. And then you can continue the
45 rollover practice that you currently use for
46 January, February and March. And you'd have
47 them have the 25 tons.

48 MR. MCCREARY: Thanks, Ralph.

1 Let's go to Terri.

2 MEMBER BEIDEMAN: I think it's
3 fixed. Okay. Terri Beideman, Blue Water
4 Fisherman's Association. Our members are just
5 beginning to take a look at this rule. So my
6 comments at this point are going to be the same
7 ones you've heard many times. So I'm not going
8 to talk long.

9 Because the truth is, I think if you
10 have 4:30 p.m. for public comment, you really
11 ought to get the public to have a chance to
12 comment. Some people drove a long ways to get
13 here.

14 But I'm going to say that there are
15 discards in every category. And the fact that
16 we have had to report them for many years,
17 affords you the opportunity to take a look, and
18 make lovely little pixilated documents there.

19 And, you know, we stand by, we always
20 have, to try to resolve our problems in a way
21 that's practical and allows us to survive. So,
22 you know, I'll be interested, and I'll have lots
23 of questions.

24 But I'm going to hold them for
25 tomorrow, in hopes that other people on the panel
26 will recognize that the public comment session
27 was supposed to start 45 minutes --

28 MR. MCCREARY: Excellent. You set
29 a very good example. Shana, can you be as
30 concise as Terri, or even more concise?

31 MEMBER MILLER: I can. I will also
32 save my detailed comments and questions for
33 tomorrow. But just on the timing, Brad, that
34 you presented.

35 Assuming that the extension
36 comment, extension to the comment period goes
37 forward, are you already talking about also
38 scheduling additional public hearings during
39 that period? That's the first part of the
40 timing question.

41 And the second part is, for the
42 delayed implementation measures, you have
43 January 2015 as full implementation of the
44 electronic monitoring, 100 percent electronic
45 monitoring in the longline fleet.

46 And I read in the DEIS, one place it
47 said phased in over one year, one place said
48 phased in over two years. So I was just

1 wondering whether that January 2015 is indeed
2 the deadline that you're proposing for full
3 implementation of electronic monitoring?
4 Done.

5 MR. MCHALE: First question, yes.
6 Second question, it depends. We haven't
7 entertained specific locations or dates yet for
8 any additional hearings. But that's something
9 that we're hearing about and looking into.

10 Obviously there's going to be some
11 level of budget constraints about where we can
12 go. But we're looking into that. We
13 communicate that out via Federal Register.

14 Regarding the delayed
15 implementation of some measures, and electronic
16 monitoring is just an example. So there's
17 nothing definitive there. But it was
18 acknowledging that there is going to be this
19 transitional period that is going to take place
20 if the fishery evolves as proposed.

21 And in essence, what we're trying to
22 do here is reflect that there could also be
23 timing implications. So like from the IBQ
24 perspective, if you were to try to implement that
25 mid-season, what sort of implementation are you
26 then building that off of, versus starting it at
27 the beginning of a fishing year?

28 You know, obviously there's been
29 fishing activity that's already taken place.
30 Where do you start at? So taking in some of
31 those variables is really what we're trying to
32 reflect here.

33 And I think as envisioned, you know,
34 we think that will probably be about a year, you
35 know, if not more of trying to figure out what
36 needs to take place from an operational
37 perspective within that transitional time
38 period.

39 So if that happened to be 2014,
40 things starting to look to coincide with the
41 beginning of the calendar year of January 2015,
42 something along that line.

43 MR. MCCREARY: Thank you. Jeff?
44 Oh, you pass? What a gentleman and statesman.

45 MR. ODEN: Yes.

46 MR. MCCREARY: Maybe so. Quit
47 while you're ahead. Mark?

48 MEMBER TWINAM: Yes. Of course,

1 the Devil's in the details. But I'm really
2 impressed with the thought, and some things that
3 were kind of out of the box that ended up in that
4 plan.

5 I mean, I have some experience with
6 IFQs in the Gulf of Mexico, with the red snapper
7 and the grouper. And I don't have very many of
8 each. But I have a lot of friends. And I've
9 seen how it's affected them here over the last
10 years.

11 And it kind of, you get a overall
12 quota and the fishermen sort it out themselves
13 how they distribute it, through buying, selling,
14 leasing, marketing. And I'm really impressed
15 with all that.

16 We know that the hardest part about
17 it always is the initial allocation. And right
18 here, I'm worried about the pelagic longliners
19 not getting their fair share.

20 Because the pelagic longliners are
21 responsible for probably 90 percent of the
22 swordfish, most of the yellowfin, or most of the
23 bigeye, a lot of the yellowfin. And then we've
24 been artificially constrained to eight percent
25 of the bluefin for the last 20, 25 years,
26 whatever it is.

27 So I like the idea of the plan. But,
28 you know, yet to be worked out, the allocations
29 and the reallocations. And I just hope to see
30 that pelagic longliners get their fair share.

31 MR. MCCREARY: Thanks, Mark,
32 appreciate it. Scott.

33 MR. TAYLOR: I have a question, and
34 I have a comment. And I'll keep it very short.
35 I would say that if I'm looking at that
36 correctly, that sums it all up.

37 That if Diagram 3 essentially says
38 that 329 metric tons were associated with the
39 longline fleet, and there was 88 metric tons of
40 landing, I assume, I'm making an assumption here
41 that that number is based upon logbook data, and
42 some sort of extrapolation. Is it?

43 Well you have to extrapolate, unless
44 you weighed the fish that were discarded. So,
45 you know, there's some sort of a formula in there
46 that is going to take into, you know, take that
47 into account.

48 My comment would be, that it's about

1 time. Because that number is like that. If
2 we're wasting two-thirds, three-quarters of
3 what it is that we're landing, we're only doing
4 that, not because the longline fleet wants to do
5 that, but because it's what we've been mandated
6 to do.

7 We've been mandated to do that by
8 base line catch numbers, in order to retain.
9 And by, essentially, you know, being put in the
10 position where we're interacting with the fish.

11 I also agree, you know, with Mark,
12 that there's some really good stuff in this.
13 And clearly there's going to be a lot of unhappy
14 people. I don't think anybody's going to get
15 what they need.

16 And I think the goal needs to be to
17 properly utilized what's already being
18 attributed to the longline fleet in terms of that
19 diagram.

20 MR. MCCREARY: Thank you. All
21 right. I think at this point I think we should
22 pivot to public comment. Our Court Reporter has
23 asked that when you speak you come up. And we're
24 going to borrow the microphone that Scott just
25 spoke in, and pivot it over here.

26 MS. SCHULZE-HAUGEN: Why don't we
27 go right here. There's an empty seat.

28 MR. MCCREARY: Oh, there's an empty
29 seat here, even better. Thank you, Margo.
30 Randy Gregory has provided a speaker's chair.
31 So when you speak, please introduce yourself,
32 state your affiliation.

33 And the Court Reporter would like
34 you to actually write your name and affiliation
35 on a pad that he's got here. So we'll bring that
36 to you. And whoever wants to begin, just
37 approach the microphone, and let's start.

38 MR. MCINTYRE: Yes, hello. My name
39 is Bill McIntyre. I've been a commercial
40 longliner for about 31 years. And just got a
41 couple of brief statements here.

42 Brad, you mentioned the word angst.
43 For about the last six months I've had many angst
44 ridden, sleepless nights wondering what
45 National Marine Fisheries Service was going to
46 put forward to us.

47 I was wondering how a fishery, an
48 incidental fishery on our part, that's

1 responsible for no more than three percent of my
2 gross income a year could possible impact my
3 gross income for the year of 60 to 70 percent.

4 That having been said, I'm sleeping
5 a lot better now that I've read your proposals.
6 And I want to congratulate each and every one of
7 you who's responsible for this.

8 Because there's checks and balances
9 in here. And I think you've given us a workable
10 outline, that we can get something accomplished
11 here. Thank you very much.

12 MR. MCCREARY: Thank you. So we're
13 just going to rely on self selection here in the
14 back. If you want to speak, go ahead. Glen
15 Delaney.

16 MR. DELANEY: Thank you very much.
17 Glen Delaney. I'm here on behalf of the Blue
18 Water Fishermen's Association, the pelagic
19 longline fishery. And as many of you know, I'm
20 pretty familiar with all the fisheries involving
21 bluefin tuna.

22 I really have three points, one
23 question, and two comments. One, just sort of
24 a technical question. Brad, I heard you
25 mention, I think. And I apologize if I
26 misunderstood you. That you referred to this as
27 a Limited Access Privilege Program.

28 And I thought I had read in the
29 document somewhere, one of the documents, that
30 it was not subject to the Magnuson 304A Limited
31 Access Privilege Program provisions. And so I
32 just wanted to ask you to clarify that.

33 I may have read it wrong. I may have
34 heard you wrong. But it does have implications
35 as to how to measure the program. Do we measure
36 the program as you propose it against that
37 statute or not?

38 MR. MCHALE: Yes. So it actually
39 would qualify under Magnuson, as a LAPP program.
40 The one detail that may be contributing to the
41 confusion is, there are requirements of when you
42 start to explore cost recovery for those
43 programs.

44 MR. DELANEY: Right.

45 MR. MCHALE: Because this is new, the
46 costs associated are extremely unknown.

47 MR. DELANEY: Right.

48 MR. MCHALE: We've actually delayed

1 in trying to calculate --

2 MR. DELANEY: I saw that.

3 MR. MCHALE: -- what that would be.

4 So I'm wondering if that's where that may be
5 creeping in.

6 MR. DELANEY: So you consider it
7 subject to 303A in the statute?

8 MR. MCHALE: That would be correct.

9 MR. DELANEY: Okay. That's very
10 helpful. Thank you. And then two points.
11 One, you know, there's going to be a lot of drama.
12 And you heard some of that already.

13 And I think that I have to say,
14 congratulate the agency, for what is clearly an
15 effort to do what you said you were going to do,
16 which is to try to keep all fisheries fishing.
17 Recognizing that we have been dealt a really
18 difficult hand here. And there's a lot of
19 tradeoffs, and a lot of things to balance.

20 You know, what I'm hearing is that,
21 while you created a lot of incentives, or
22 disincentives to bluefin interactions in the
23 pelagic longline fishery, the question is, you
24 know, are they going to enable fishermen to
25 collectively reduce, essentially by half, from
26 329 to 150 something tons, what they're
27 interacting with right now? And still remain
28 viable business operations.

29 And I'm not sure if that can happen
30 or not. I mean, that's just, you know, all the
31 mechanisms that you've put into place are very
32 innovative and very progressive. And, you
33 know, have a lot of promise.

34 But the hard, cold fact is whether
35 you can reduce pelagic longline interactions
36 with bluefin tuna by half, and still maintain a
37 viable fishery, and individual business
38 operations. And that's something that you're
39 probably going to hear a lot more about.

40 There are thousands of details that
41 we're talking about, as you know, and Terri
42 mentioned. So we've got a long way to go before
43 we can really provide detailed comments.

44 So I'll stop there in terms of
45 specific issues. But I want to emphasize that
46 again, that we've been, all of us, including
47 yourselves, have been dealt a really tough hand
48 here.

1 And I hope that the people who are
2 responsible for negotiating our ICCAT
3 agreements and quotas will give as much thought
4 to what they do as you have to your proposal.

5 Because we've got a lot of room to
6 work with at ICCAT in terms of what can be done
7 with the western bluefin tag, within the range
8 of scientific advice that exists. And of course
9 we need to improve that scientific advice.

10 And that process is ongoing.
11 Although it may be some years down the road that
12 we see any meaningful improvement there. But in
13 the meantime, within the range of scientific
14 advice we have, we could come home with a lot more
15 fish. And alleviate a lot of the drama and pain
16 that you're going to hear from folks.

17 Some of it's real, some of it
18 perceived. But, you know, I think we need to all
19 remind our colleagues in the agency, that that's
20 where a lot of this problem can be solved. So
21 I just wanted to make that point. Thank you.

22 MR. MCCREARY: Thank you, Glen. Go
23 ahead, sir. And do introduce yourself. Sir,
24 your microphone needs to be turned on.

25 MR. BRADDICK: Don Braddick,
26 currently in the longline fishery. I have
27 fished in the general category since it started.
28 And I think you know me, Brad, and some other
29 people here.

30 The reason I got out of the general
31 category was it kind of turned into a derby
32 fishery. And then it had some downfalls in the
33 late '90s. And I took up pelagic longline
34 fishing.

35 And this meeting was a lot to swallow
36 here. And I don't really have that many
37 congratulations and thank you's for you. But
38 it's just hard for me to believe that the
39 categories can be put up against each other,
40 where there's thousands of people that are going
41 to have the right, on any given day when the
42 fishery is open, to catch my total quota, over
43 and over and over again.

44 I mean, I'm going to be allowed 1500
45 pounds, and then I have to start buying fish.
46 When if I was in the general category, I could
47 catch three fish when it's open to three fish,
48 every day for months on end.

1 You had used a few terms like
2 fairness, and other words. I don't recall them
3 right now. But where's fairness in that? If we
4 get closed down early because of say, some hot
5 spot catch, or whatnot, I'm shut down.

6 Say it happened in February. I'd be
7 out of business for the remaining ten months of
8 the year. Not being allowed to switch
9 categories. And I had a good report card from
10 you. And it seems like it didn't help me, it
11 hurt me.

12 The guys that had bad report cards,
13 that cannot go into the closed area, can switch
14 to the general category. Not that I want to
15 switch. I'm trying my best to avoid bluefins
16 now. When for many years, that was enemy number
17 one. Now it's enemy number one in a different
18 way.

19 I'm going to continue longline
20 fishing as long as you'll let me. And do my best
21 to avoid these hot spots. I don't want the
22 reward of having the right to go through the
23 gauntlet, which is at Cape Hatteras Research
24 Area.

25 I'm under the impression that
26 there's environmental groups and other people,
27 that think that if the longline fishery is shut
28 down, it can be replaced by people with green
29 sticks and rods and reels. Well, we all know
30 that can't happen.

31 One of the biggest reasons I got out
32 of the general category, and green stick
33 fishing, was because I had a high success rate
34 at green stick fishing. And when I left the
35 Carolina areas, and fished up in the canyons to
36 the northeast, I've had some very good catches.

37 And I've gone, and there's a higher
38 end of fish bars to the northeast. And they
39 refused taking my catches, after getting green
40 stick fish. They wanted no more. Because the
41 quality of green stick fish is bad. A high
42 percentage of the fish are burnt. And we take
43 good pride in handling our fish.

44 And it was another reason for me to
45 switch to a different fishery. And that was
46 longline fishing. People were demanding
47 longline fish. I think I could go on and on, and
48 on. Maybe tomorrow I could have a few more

1 comments.

2 This was a lot to digest right now.
3 But I'm going to just leave it at that. I sure
4 would like to see me at least be able to retire
5 with dignity. And still be able to have my
6 fishing rights, not a worthless permit and a
7 useless boat. I'm still a believer in buy outs,
8 not put outs. So we may not be easy, but I could
9 be bought.

10 MR. MCCREARY: Thank you. And by the
11 way we will have a, we are planning to have
12 another public comment period tomorrow
13 afternoon. Would anyone else like to speak?
14 Marty.

15 MR. SCANLON: Yes. My name is
16 Marty Scanlon. I own and operate the fishing
17 vessel "Provider II", which is a pelagic
18 longline fishing vessel.

19 One of my concerns is, you know, with
20 looking at real time, you know, accountability
21 for our discards. But I don't hear anybody
22 talking about real time stock assessments to
23 match that.

24 You know, as we continue to re-build
25 stocks, our interaction and our discards
26 continue to go up. And yet there's no
27 accountability for that. You know, the U.S. and
28 the Canadian fleet are the only nations with
29 pelagic longline fleets that report their
30 discards. We don't ignore our discards.

31 And for that reason, we're being
32 punished for our full participation in the
33 collection of the data pertaining in the stock
34 assessments for those fish. The general
35 category accounts for none of their discards.
36 So they're not being punished whatsoever.

37 Mr. Ruais complains that they're
38 being forced to share in our discards. Well the
39 bottom line is, those discards have not been
40 created by us. Those discards have been created
41 by NMFS and the environmental community, most of
42 them.

43 If you would probably look at our
44 discards, probably half of those discards are
45 probably landable fish that we have been, you
46 know, mandated to release, for one reason or
47 another, you know.

48 The pelagic longline fleet has never

1 been given the opportunity to develop their own
2 plan to reduce their discards. They have always
3 been force fed everybody else's plan to reduce
4 their discards.

5 When we come up here and say, I'll
6 tell you what we think should be done, we're not
7 listened to. We're forced to abide by your
8 rules, which we do.

9 You know, if you looked at, you know,
10 your enforcement guys who are here, and we have
11 a pretty good record of enforcement. We don't
12 have a problem with non enforcement, with not
13 complying with our regulations.

14 We're more than willing to step up
15 to the plate and deal with our discards. But we
16 have to do it in a reasonable way. The bottom
17 line is that ICCAT now has taken away that quota
18 from us, that discard quota. Therefore,
19 basically it has taken that discard quota away
20 from the entire nation.

21 We're being punished simply because
22 we're the only ones that are reporting the
23 discards. There are discards in every one of
24 these industries here. But we're the only ones
25 that have been accountable for them. And now
26 we're going to be punished for them. But that's
27 not really fair.

28 The other thing I have here is, like
29 I said, there's no real time stock assessment.
30 How are we going to do the stock assessment? The
31 problem here is the stock assessment.

32 There's more bluefin than anybody in
33 this room cares to admit. And that's the main
34 problem here. There's more and more. The more
35 regulations you put on us, and try to get us to
36 reduce our discards, the more discards there
37 seem to be.

38 That should tell you something.
39 That the stocks are getting bigger and larger
40 every year. Yet there's no way of accounting
41 that to the stock assessment. It just comes up
42 as discard. And it comes up as a black eye to
43 us as an industry.

44 And all that we try to do is comply
45 with you guys, try to do as you ask us to do. But
46 yet you still want to put more, you know, more
47 mandates on us. You try to restrict us in more
48 and more ways. You try to hinder us from making

1 the adjustments that we need to make.

2 We told you during the, when they
3 closed the Charleston Bump area in the straits
4 of Florida, that you were going to force us to
5 interact with more and more bluefin. And that
6 is what is happening now.

7 You close that area down for the
8 juvenile swordfish, to rebuild the swordfish
9 stocks. Yet you still do not want to open them
10 back up to us. That's a major problem, you know.

11 You only want to open them up to us
12 now if you're going to have full time monitoring
13 on us. Well that's fine. I'm all for the
14 monitoring. But everybody needs to be monitored.

15 And for the simple reason that,
16 that's the only way to get a true stock
17 assessment. To see what everybody's
18 interacting with, and what everybody's
19 releasing.

20 If you were to go look at the general
21 category and see how many fish they're actually
22 releasing, dead or alive, per effort that
23 they're landing. And you would truly see what
24 the stocks are actually at.

25 And that's why I think all
26 monitoring should be unilateral. It should not
27 just be significantly put on the purse seiners,
28 or the pelagic longline fleet, you know.

29 This has been NMFS' and the
30 environmental community's failure to work with
31 the pelagic longline industry to reduce these
32 discards. I believe that this industry can
33 reduce their discards.

34 Every challenge that NMFS and the
35 environmental community has put in front of the
36 pelagic longline fleet, we have accomplished.
37 Be it the turtles, or be it the whales, this is
38 just another problem that we need to deal with.
39 But we can't deal with it if you don't let us come
40 up with the solution.

41 And at this time here, I believe, you
42 know, I'll let somebody else speak. Because,
43 you know, we're short on time here tonight.
44 But, I mean, you know, I'll be here for the rest
45 of the week there.

46 If anybody wants to talk to me, you
47 know, I'm more than willing to talk to anybody
48 and let you know what my plans are, and how I

1 think that we can legitimately reduce the
2 discards in the pelagic longline industry.
3 Thank you.

4 MR. MCCREARY: Thanks, Marty. So,
5 perhaps some of the staff may want to talk to you
6 off line. We'll see if you'll be here the next
7 few days. Go ahead, sir. And please introduce
8 yourself.

9 MR. KLINE: Phil Kline from
10 Greenpeace. I'll be brief. We'd like to see
11 both of the pelagic longline restricted gear
12 areas, alternative B1E and B1C, the Gulf of
13 Mexico and Cape Hatteras restricted areas
14 implemented.

15 And along with that we'd also like
16 to see enhanced data collection, as written up
17 in alternative D2B. And the -- That's for the
18 video monitoring and the regular VMS reporting
19 and hailing, alternative D1B.

20 We would not like to see any
21 reallocation of quota from one sector to
22 another. That would certainly be, I think, a
23 disincentive for the use of more selective
24 gears. And if possible, from what I heard from
25 the last gentleman, some new practices to
26 address the discard issue. Thank you.

27 MR. MCCREARY: Thank you very much.
28 Are there any other members of the audience who
29 would like to make a brief statement? It does
30 not appear so.

31 All right. With that, our
32 apologies to Tom, who was all ready to give yet
33 another stirring presentation at 4:35 p.m. But
34 we didn't let him. So we will instead hear from
35 him at 8:30 a.m., or as close to that as possible.
36 We'll continue our conversation.

37 I do want to flag that we planned to
38 organized three small group breakout sessions.
39 Our intention is to create a balanced mix of
40 people from each of the sectors represented on
41 the Advisory Panel. And we are going to devise
42 a strategy to get to that balanced mix.

43 So the idea would be, there would be
44 some recreational folks, some commercial folks,
45 people from the environmental community, from
46 the State Fishery Agency, from the Council. So
47 we'd like three groups that are representative
48 of sort of a subset of the full spectrum of the

1 Advisory Panel. And three parallel
2 conversations.

3 And we'll organize you in those
4 breakout groups tomorrow afternoon. Make sure
5 that you're evenly divided. And then we'll send
6 you off for small group discussions. But before
7 that, we have a whole series of brief
8 presentations tomorrow, that go into more
9 detail, based upon the outline that you've heard
10 here. Margo, any additional guidance or
11 advice?

12 MS. SCHULZE-HAUGEN: The only thing
13 I would add is that there was a question on
14 whether the small group discussions were closed.
15 And they are not. People are welcome to
16 observe. Just as you are welcome to observe the
17 panel discussion, the in plenary.

18 MR. MCCREARY: That's right. But the
19 conversation will be focused on the Advisory
20 Panel members. After the report's back tomorrow,
21 then we will have another round of public
22 comment. So we'll see you all at 8:30 a.m.
23 tomorrow. Thank you. We're adjourned.

24 (Whereupon, the meeting was
25 adjourned at 5:17 p.m.)
26
27
28
29
30
31
32
33
34
35
36
37
38
39
40
41
42
43
44
45
46
47
48

A				
abandoned 65:6	130:26	132:4 133:21	134:18 153:29	113:8 123:42
abide 161:7	accomplished	141:32 144:13	actual 92:44	134:47
abiding 25:22	13:10 156:10	acknowledged	101:40 142:5	adjusting 117:20
ability 58:44 70:31	162:36	126:41	acutely 144:8	adjustment 84:25
87:2,20 91:4	accomplishing	acknowledging	adapt 75:27	88:41 91:2,9
115:20 127:3	91:10	127:31 128:43	add 60:5 93:28	adjustments 10:35
128:47 132:41	account 10:48	129:28 134:6	164:13	27:45 86:46 92:37
134:38 135:19	22:40 48:29 57:14	135:18,26,39,40	added 24:13,14,18	100:29 162:1
140:39	57:29 114:28	141:12 153:18	55:11 98:12	administration 1:2
able 22:43 25:4,34	115:9,31 118:31	acquired 13:17	adding 50:9	69:29,30 133:24
25:39 28:39 35:8	119:29,35,39	act 3:17 5:31 6:11	addition 13:9 22:11	administrative
43:10 47:38,42	121:24,39 134:29	12:13 14:27 30:30	23:15 39:22 53:10	12:13 22:40 50:3
50:38,38 61:17,32	135:39 136:2	37:25 61:41 74:48	85:8 91:39 97:21	50:4 53:24,27,30
61:36 62:16 69:2	139:46 140:30	75:13,24,37,39,46	112:24 121:20	53:34,41 54:8,15
70:42,48 71:43	144:18 154:47	76:3,31,31,47	137:27 139:45	administratively
72:3,36 74:4,11	accountability	77:16,36 78:14	additional 32:9	54:19
91:22,33 95:12,30	117:33,41,48	116:28 130:22	50:47 72:15 83:39	Administrator
95:33,34 96:12,13	135:29,47 136:42	131:36	86:8 89:27,40	4:11 53:36 66:25
96:14 97:1 101:15	160:20,27	acting 4:11 66:25	108:6 117:4	66:25 68:12
101:18,20 105:38	accountable 161:25	68:11 69:8,26,37	120:38 123:34	Administrator's
105:42 106:15	accounted 112:36	action 6:9 10:2	139:28,42 140:13	53:32
126:12,13 128:13	121:14,18 126:35	23:37 54:11,42	152:38 153:8	Admiral 75:43
132:39 139:43,46	131:22 133:19	59:1,4,31 70:36	164:10	admit 161:33
143:14,42 146:25	144:36	70:38 71:5 77:43	address 23:39 44:1	Advance 14:36
160:4,5	accounting 114:42	84:2 86:22 104:42	50:27 54:43 55:16	Advanced 83:25
aboard 58:7 78:45	118:39 131:41	107:6 112:21,23	60:31 62:43,46	advancements
absolute 13:7	133:13 135:42	115:19 116:14,44	78:48 91:23 97:6	128:24
Absolutely 108:28	161:40	127:1 132:1	120:28,32 121:21	advantage 103:34
absorbed 121:19	accounts 57:19	144:19	123:21 128:46	128:5
ABTA 19:14	160:35	actions 10:22 23:40	135:34 142:26,44	advertising 111:21
abundance 91:11	accrues 64:5	23:41 75:37	163:26	advice 59:44 99:21
accept 55:2 148:33	ACCSP 30:17	118:48	addressed 15:9	158:8,9,14 164:11
148:34	accuracy 21:37	active 43:1 44:4	62:20 88:18	advise 14:9
access 6:34 15:5	23:16 29:34	48:31 49:25 65:39	addressing 15:11	Advisor 71:3
37:24 84:4,6,8,13	accurate 8:41	105:43 130:30	46:12	advisors 71:39
84:15 85:40 86:32	23:14 24:5,24	actively 43:26	adjourn 151:1	Advisory 1:5,18
86:34 87:6,9,18	28:42 29:35 64:13	activities 41:10	adjourned 164:23	8:15 13:32 14:13
89:2,10,47 91:28	99:48	138:48 142:24	164:25	19:35 65:36 71:34
93:41,42 95:42,45	accustomed 144:47	Activities/General	adjournment 6:13	72:14 74:5 78:37
96:4 125:9 126:4	aces 119:5	3:5	145:27	83:23 110:11,14
127:23 128:15,21	achieve 69:2	activity 42:48	adjust 14:40 15:26	147:3 163:41
128:30,48 130:3	110:34 115:39	44:34 57:16,17	84:32 87:2 94:36	164:1,19
130:14 133:27	116:28 127:43	58:26,31,41 96:33	94:40 140:39	Advocates 8:10
156:27,31	achieved 129:48	118:42 119:9	adjusted 11:6,27	37:33 40:23 49:11
accomplish 116:13	achieving 132:21	120:25,26 122:43	86:40 89:17,42	Affairs 12:39
117:29 119:24	acknowledge	123:9,12 127:15	102:20,21,25,26	affect 35:4,15
	125:31 131:28,29	129:11 133:47	102:31 103:17	affiliation 18:28

19:12 26:40 34:3 110:20 155:32,34 afford 80:4 affords 152:17 afoul 130:25 Africa 35:2 afternoon 4:8 5:36 5:43,47 82:43,45 110:1 117:4 145:41 160:13 164:4 agency 6:41 17:15 17:36 18:1 28:42 29:15 34:13,33 35:26 38:42 44:42 45:35 53:31 69:13 70:12 71:8 72:23 75:21 88:38 89:26 89:47 99:5 100:24 104:7,22,34 107:4 111:32 112:19 118:7,46 126:38 128:3 132:1,40 135:33 136:29 137:17 139:41 140:4,14,28 141:44 157:14 158:19 163:46 agency's 76:21 116:8 133:32 135:19 141:7 agenda 3:3,8 5:20 5:21,23 6:9 9:35 10:2,15 17:8,13 18:35 20:43,48 21:12 60:21 70:5 70:45,45 71:24 74:47 75:10 82:8 110:22 111:5 145:39 Agent 63:38 65:3 agents 56:25 64:40 65:8 aggregate 56:39 aggregated 11:23 11:26 ago 11:13 24:2	33:23 43:31 54:5 62:28,39 69:11 75:36 109:3 agree 34:32,39 79:34 80:9 95:10 105:28 155:11 agreed 79:10 149:15 agreement 148:41 149:9,20 agreements 34:47 158:3 ahead 5:6 14:9,11 16:43 18:19 27:34 35:20 62:3 64:38 73:32 80:37 97:9 97:40 106:37 107:27 153:47 156:14 158:23 163:7 aim 77:21 air 6:23 114:35 142:37 al 35:33 alarmed 59:19 Alaska 81:9,9,10 81:37,48 albacore 21:32 65:18 118:15 142:36,40 Alex 74:38 Alexandria 148:15 aligned 84:40 85:6 alive 139:23 162:22 ALJ's 53:33 Allan 2:6 7:46 92:31,32 109:24 alleged 12:12,18 allegedly 65:10 alleviate 158:15 allocated 5:44 113:31,33 120:14 120:24 allocating 99:21 allocation 13:4 100:48 112:15,22 115:7 119:26	120:1 121:9 122:4 122:11,34,45 123:5,8,11 130:37 130:43 131:7,11 131:34,47 132:11 132:38 133:44 134:28,31,44 135:2,8,12 139:40 141:27 145:40,48 148:25,26 154:17 allocations 113:21 114:23 118:39 121:26 132:30 133:45 154:28 allow 25:42 84:12 118:25 120:40 124:1 125:9 129:17,22 130:11 130:13,18 142:28 145:44,45 148:24 151:43 allowable 89:7 140:33 allowance 92:7 105:2 allowed 21:44,44 23:32 25:41 58:6 90:8 106:32 109:32 125:10,15 132:11,38 141:5 158:44 159:8 allowing 62:31 129:20 130:2 136:29 141:19,37 allows 22:1 24:19 24:22 76:33,34 141:1 152:21 alluded 50:23 alternative 73:42 73:45 83:45 84:3 84:5,7,18,22,27 84:28,29,35,46,47 85:5,10,16,19 87:46 118:22 163:12,17,19 alternatives 83:2,5 83:45 84:1,2,11	84:37 85:28 124:27 129:36 140:20 amazed 47:8 amended 55:4,10 amendment 4:15 4:22 5:37,39 6:8 9:40,41 10:44 11:21 12:22 14:22 15:10,15,16 16:27 19:16,28,32 37:43 37:43 70:24 73:46 74:14 78:32 80:8 82:19,32,46 83:16 83:30,38 86:6,10 86:15,23 96:16 105:48 109:45 110:3 115:34 127:39 128:9 130:27 139:11 141:41 142:4,46 143:32 amendments 14:29 15:10 63:4 70:9 74:13 94:14 American 7:10 19:14 amount 23:21 25:15 29:29 48:44 53:15 58:36 78:28 86:38 89:26 93:45 97:14,27 104:14 105:40,43 112:43 115:14 120:3 121:30,36,37 122:7 123:37 131:6,35 136:27 amounts 91:7 anadromous 34:12 analyses 125:12,22 130:5 135:17 analysis 24:31 36:39 81:18 86:2 89:28 Andre 1:28 8:23 151:2,34 and/or 23:43 24:47	anglers 109:15,17 141:31 angling 10:24 64:26 66:3 91:25 95:13 96:11,42 angst 127:40 155:42,43 animal 38:48 animals 31:7 animal's 36:31 announce 70:42 annual 14:14 24:35 65:22 118:38 120:8,15,24,41 122:27 127:12 132:8 135:41 another's 119:10 ANPR 14:36 114:34 answer 37:29 39:36 39:37 40:17 44:24 44:26 60:47 73:29 75:20 76:6,8,10 76:29 77:21 79:24 79:32 107:14 111:9 answered 105:10 106:21 answers 144:34 antagonism 78:2 anticipate 17:45 83:35 87:16 92:12 96:8,34 129:5 anticipated 103:43 anticipation 94:37 109:34 anti-finning 56:6 anxiously 144:25 anybody 72:21 78:9 110:40 127:2 146:37 160:21 161:32 162:46,47 anybody's 99:44 155:14 anymore 63:19 81:32 94:9 anyway 57:2 87:36
---	---	--	--	---

100:3 146:7 AP 9:43 20:32 27:6 74:8,10 82:42 83:27 92:25 146:41 APA 12:19 apologies 163:32 apologize 51:7 156:25 apparently 6:33 16:47 75:3 104:30 119:17,18,19 142:35 appeal 53:39 77:6,8 appeals 53:33 133:30 appear 74:31 163:30 appears 29:11 77:47 Appendix 13:13,14 applaud 95:7 97:38 103:21 applicability 133:12 applicable 94:9 applicants 89:35 applied 53:5 114:25 121:35 130:32 applies 138:33 apply 40:9 43:33 91:48 122:6 appoint 69:39 appointee 69:30 appreciate 5:12 48:2 82:15 90:23 92:27 107:27 109:41 154:32 approach 5:47 125:46 137:8 151:39 155:37 approaching 109:1 appropriate 88:38 89:8,14 99:16 101:7 appropriately	89:31 appropriateness 89:19 approve 80:16,16 80:23 approved 24:16 50:38,43 approximately 31:2 92:19 108:39 April 32:19,47 124:34 125:7 Aquarium 69:25 area 15:35 23:13 24:11 26:20,23,27 36:14,35 41:7 42:5 47:19 56:26 58:30 64:43 65:11 79:16 85:3,6,7,8 85:13,21 87:26,27 87:32,33,38,39,40 87:44,47,48 88:1 88:2,3,6,8,9,13,16 88:25,29,44,45 90:20,37,43 93:21 94:3,33,41,45 97:29 98:41,45 105:28 106:6,19 106:20,31 109:35 113:36,37 117:46 124:32 125:3,4,9 125:11,15,23,28 125:39,44,46 127:24,35,46,48 128:37 129:15,15 159:13,24 162:3,7 areas 26:29 34:43 36:26 56:9 74:1 84:41 85:27 87:28 88:9 89:6 90:38 100:14 104:1 117:26 124:31,38 128:16,20,31,42 128:48 129:17,24 129:27 130:1 131:19 133:15 141:17 151:9,9,11 151:27,29,30,30	151:31,32,32 159:35 163:12,13 arguably 104:18 argue 79:18 argued 75:36 argument 78:17 arises 22:42 arose 75:34 arrangement 148:33 arrive 40:42 articulate 16:22 48:12 artificially 154:24 aside 80:45 112:27 112:28 113:35 115:11 121:1,17 asked 20:8 32:43 39:34 58:23 75:28 75:33 147:2 155:23 asking 26:38 27:21 36:11 44:45 148:26 aspect 66:10 71:6 aspects 116:43 119:44 assess 125:19 136:27 assessed 57:6 127:32 assessment 11:31 18:23 23:42 27:4 35:33,46,48 50:46 51:29 53:7 54:20 57:13 83:30 86:4 89:29 99:10,27,48 136:35 161:29,30 161:31,41 162:17 assessments 24:36 27:26 28:4,6 160:22,34 asset 42:39 assets 43:42 44:10 65:32 assign 52:43 assigned 53:1	63:39 Assistant 4:11 7:1 68:12 69:20 Associate 8:18 associated 88:5 89:22 121:41 124:42 125:5,48 136:16,48 137:11 154:38 156:46 Association 7:11 7:27,34 8:7,18 19:14 28:17 56:47 77:4 99:2 152:4 156:18 assume 21:2 35:29 61:21 154:40 assuming 34:6 35:46 36:46 152:35 assumption 154:40 assurance 22:47 assured 73:8 ATCA 72:11 115:36 Atlantic 3:32 7:43 10:46 11:29 12:27 12:45 21:42 26:23 31:17 32:24,44 33:7,15,18 34:5 41:6 60:35 61:6 61:12 62:12,48 84:43 85:1,36 87:27,39 88:44 89:33 90:3,16,29 90:39 91:30 93:7 108:37 130:47 131:1,8,14 137:41 141:18,39,42 ATMOSPHERIC 1:2 attached 76:38 attack 150:44 attained 128:34 142:31 attempt 101:6 attempting 70:34 111:41	attendance 71:42 attention 9:30 90:24 102:17 106:2 113:29 114:8 141:7 attentive 66:27 attorney 50:1 78:5 attorneys 50:33 53:5 attributable 102:48 131:17 attributed 155:18 audible 21:12 audience 163:28 auditing 137:23 augment 137:45 August 32:14 42:47 49:26 83:35 141:45 149:3,45 author 35:29 authorities 47:42 authority 54:28 84:24,32 104:37 136:6 140:17 141:45 authorized 87:19 90:2,10 automated 139:13 availability 83:43 91:17 102:37 available 13:39 18:12 21:48 22:30 23:46 40:25 48:8 52:40,45 53:21,25 53:39,47 54:25 55:14 65:2 66:30 66:31 83:37,40 86:16 89:17,30,44 92:13 102:16,45 126:27 137:17 148:36 149:31,32 Avenue 1:19 avenues 50:26 average 62:26 93:33,34 108:40 127:14 131:17 139:2
--	---	--	---	--

avoid 73:7 112:16 117:34 125:45 126:14 128:13 129:44 134:38 159:15,21	background 83:1 83:22 95:23 112:8	22:35 35:32 36:39 36:42 37:12,15 73:25 88:32 89:30 91:3 100:27 102:34 107:39 108:36 111:20 120:1,24,25 122:43 123:9 125:12 130:34 131:38 134:28,42 137:4 140:7,20 143:4 151:32 154:41 164:9	behalf 156:17 behavior 126:47 144:15 behavioral 129:46 Beideman 1:26 7:25,25 28:16,16 28:26,43 29:10 93:13 99:1,1 101:2 152:2,3	105:44 111:12 132:45 148:7 bigeye 12:36 21:31 115:26 154:23 bigger 161:39 biggest 23:20 79:43 101:40 159:31 Bight 84:43,43 Bike 7:15 bilateral 72:6 bilaterally 50:10 bilaterals 50:19 Bill 8:35 26:39,42 27:36 101:30,32 101:33 102:46 149:15 155:39 billfish 6:10 7:45 11:39 51:48 91:36
awaiting 33:39 51:5	Bademan 2:13 8:32 8:32	baseline 72:24 86:39 101:36 102:5,12,13,21,23 102:26,34 103:27 122:4	believe 7:6 15:39 21:6 82:34 99:8 100:7 103:29 106:1 117:3 121:47 122:31 126:34 158:38 162:32,41	billions 12:23 bimonthly 19:38 bin 134:31,42 Bing 7:15 bins 123:35 128:27 134:35 Biolab 104:29 biological 12:18 91:3 104:35 124:41 biops 137:5 bit 11:25 16:43 17:1 21:21 28:1 35:42 37:38 38:16 38:30 40:1 46:44 50:9 52:37 53:22 54:4 62:2,25 63:43 68:26,28 76:22 87:36 101:21 104:3 113:42 114:19 117:1 118:23 125:4 142:14 144:47 150:43 151:18
aware 6:35 41:18 45:30 97:4 138:17 144:8	bag 56:21 62:13,32 63:1 78:46 99:45 101:7 108:21,28 108:41	basically 35:35 36:32 54:10,44 55:1 71:10 72:23 79:4 83:44 84:1 84:48 146:30 147:5 148:8 161:19	believer 16:15 160:7 Bellavance 1:27 7:22,23 30:16,21 beneficial 20:2 benefit 10:7 57:14 57:20,22,30,44 benefits 24:40 25:44 27:41,44 29:12 138:3	biological 12:18 91:3 104:35 124:41 biops 137:5 bit 11:25 16:43 17:1 21:21 28:1 35:42 37:38 38:16 38:30 40:1 46:44 50:9 52:37 53:22 54:4 62:2,25 63:43 68:26,28 76:22 87:36 101:21 104:3 113:42 114:19 117:1 118:23 125:4 142:14 144:47 150:43 151:18
awful 36:35	Bahamas 6:9	basis 12:36 21:45 23:5,22 25:38 28:23,48 29:9 54:41 87:3 88:40 95:44 115:40 117:44 120:15,24 120:41 127:12 130:45 132:8,25 132:36 135:28,30	best 20:9 27:16 38:11 39:8 43:42 44:7,9 48:40 73:1 89:30 159:15,20	biweekly 24:8 black 131:45 161:42
A-F-T-E-R-N-O-... 68:1	bait 42:9,14 52:12 52:27,27	bathymetric 98:10	Bethesda 148:16	
a.m 1:20 5:2 22:31 40:45,46 145:34 146:4,6 163:35 164:22	baiting 58:12	battles 72:43	better 29:21 37:7 39:23 43:16 45:11 59:9,39 63:31 73:15 99:27 138:23,37 155:29 156:5	
B	baits 100:41 131:32	BAYS 51:48	beyond 70:35 74:35 76:23 112:33 114:36 121:12 129:47	
back 10:17 14:35 15:22 16:22,34,37 25:14,17 30:12 40:45 41:16 42:43 48:5 54:4 61:27 65:45 69:40 70:22 73:3 74:3 77:11 77:30 90:29 94:8 99:13,27 101:17 101:31 103:19 104:4 109:8,9,24 109:47 110:31 111:1 112:17,30 113:12,18,43 114:38 119:25,32 120:43 122:25 126:38 127:42 130:42 134:45 137:14,37 139:18 140:2 141:45 145:9,14,21 146:40 148:1 149:48 150:8,9,12 150:19,22,23,48 151:3 156:14 162:10 164:20	Baja 46:38	Beach 85:23 87:29 87:41,44,48 90:40 94:4 98:25 106:24	BFT 151:13,14	
backdrop 122:29	Baker 1:25 8:2,2	bearing 142:34 144:42	bias 17:36	
backfilling 41:14	balance 11:32 28:40 43:27 100:18 110:34 124:40 127:43 142:25 157:19	beautiful 20:17	big 7:15 16:30 18:1 21:43 29:7,36 39:31 70:10,26,26 82:17 98:9 105:40	
	balancing 116:28 130:22 131:36	beginning 19:24 20:31 132:32 152:5 153:27,41		
	ballpark 20:11			
	ban 60:9			
	bandit 90:5			
	band-aid 80:33			
	Bank 75:2 108:15 108:17,18			
	banning 76:14			
	bar 113:7,8			
	bare 72:31			
	bars 159:38			
	bartering 64:30 66:10			
	base 79:35 113:1 113:10 123:5,11 126:43 134:17 135:7,12 155:8			
	based 10:36,37 11:30,31 20:26			

blacknose 10:48 11:9,11	140:16,47 141:3 141:34 142:35,38	90:44 113:37	26:29	buying 154:13 158:45
blacktip 10:42 11:21 44:34	149:11,31,42,43 154:25 156:21	Boustany 1:28 8:23 8:23 151:4,24	broader 68:36	bycatch 15:2,6,36 37:48 38:5,17 48:22 83:42 104:8 104:19,20
blacktips 11:7	157:22,36 158:7 161:32 162:5	box 119:48 121:26 124:36 154:3	broke 51:6,11	bye 57:37,37
BLANKINSHIP 46:26 98:35,40 104:45	bluefins 159:15	boys 45:29	broken 5:46 20:20 41:27 52:24	B1C 163:12
blast 5:5	board 43:33 48:31 72:35 107:3 110:45	Brad 59:22 111:18 111:22 145:3 146:13 152:33 155:42 156:24 158:28	brought 18:11 20:3 39:28 47:39 90:48 141:6 143:34	B1E 163:12
bleed-over 36:34	boarding 43:9 64:21	Braddick 158:25 158:25	Broward 85:23	<hr/> C <hr/>
blow 118:21,21,21	boardings 41:26,37 41:40 48:6,11,40 48:41,44 49:2,7	brainstorm 50:26	bucks 105:41	calculate 157:1
blowing 136:36	boat 7:16,23,39 8:7 39:28 42:4 58:7 79:15 90:34 91:27 95:12,28,32 96:10 138:36 160:7	Branch 111:22	budget 43:27 48:37 49:5 71:38 72:26 72:29,33,43 73:17 73:20,23 80:3,19 81:25 104:39 153:11	calculated 57:23,45
blown 133:30 137:24	boater 62:27	break 30:29 39:33 40:38,41 106:37 107:30 108:43 109:43 119:14	Budgets 72:42	calculating 113:24 121:3
blue 7:26 11:40 28:17 99:2 113:7 152:3 156:17	boats 61:10 62:24 78:45 104:24 151:28,29	breakdown 30:8 31:6	Buendia 41:15	calendar 11:38,42 49:18 140:2 153:41
bluefin 4:22 5:39 5:44 7:11,21 10:16 12:17,36,40 13:3 14:15,20,22 14:46 15:10,11,27 15:30 19:14 20:23 20:33,43 21:33 29:16 30:22,23 39:32 45:32 46:31 52:1,18 57:32 58:16 59:24 65:13 65:25 78:25,27 93:31 95:27 100:38,42 105:13 105:17 110:47 112:13,14 113:36 114:47 115:22,28 116:3,4,15,32 117:16,34,36 120:42 124:46 125:24,30,40 126:6,11,14 127:9 127:28 128:1,13 129:3,34,37 130:44 131:18,30 132:48 133:17 134:12,38 135:1 135:12,38,48 136:34 137:4 139:4,34,36,40	boat's 150:6	breakfast 18:39	buffer 88:8,13	California 44:4 77:3,9,14,31,46
	Bob 8:11 18:27,30 34:29 44:28,29,45 47:33 55:31,32	breaking 10:45	build 39:15 140:34	California's 77:47
	body 96:40	breakout 5:48 6:3 29:44 163:38 164:4	building 15:43 153:26	call 6:25 9:48 28:9 74:7 107:25 132:43 145:15 149:37
	boil 125:18	breaks 74:1	built 68:42	called 31:27,42 59:21 82:20 89:48 142:36 147:7
	boiler 146:45	breath 150:46	bulk 148:42	calling 22:44
	Bonnie 27:14	BRIAN 27:22	bump 102:25 109:3 109:8,8 128:37 162:3	calls 22:33 85:33
	book 106:18	bridge 121:22 135:33 136:1	bumping 11:35 99:37 102:25	cameras 20:4
	books 46:29 104:42	brief 5:42 70:45 73:31,34 77:9,45 97:30 155:41 163:10,29 164:7	buoy 87:21 93:48 94:1,10,11 103:47 104:25,47 105:3,5 105:12	Campbell 56:27
	bootstrap 35:36	briefed 13:30	buoys 98:31	Canadian 160:28
	border 42:22 43:37 44:39 85:17	briefing 4:4 12:15 63:41	burden 13:27 22:8 28:38,40 81:23,29 137:18	Canal 108:12
	borrow 155:24	briefings 5:27	burn 93:37	Canaveral 87:42
	Boston 7:14	briefly 5:23 69:8 83:2 108:44 129:26,27	burning 82:8	candidate 31:14,33 33:1,28
	bottom 15:35 19:8 66:2 75:4 160:39 161:16	bring 18:2 70:48 113:29 155:35	burnt 159:42	Canyon 100:37
	bought 94:42 160:9	bringing 48:3	business 28:24 157:28,37 159:7	canyons 128:38 159:35
	boundaries 37:11	broad 6:1 18:1	busy 68:13 70:7	cap 79:19 129:38 129:41 135:37
	boundary 6:10 32:28 36:47 87:27 87:37,39 88:12		buy 94:38 95:30,34 96:10 99:44 105:42 160:7	capabilities 136:23
				capability 86:43 136:17 138:28 150:12
				capable 29:19

47:43	51:17,28 52:6	90:3 91:26,30,31	38:4 40:33 52:43	Charitable 7:9
capacity 86:28	53:10,28,29,38	92:20 93:8,29	54:30 68:45 74:1	Charleston 128:36
Cape 87:41 108:12	54:8,15,15,29,33	96:15,41 98:18	76:33 77:44 81:2	162:3
159:23 163:13	55:22,27 56:16,30	100:11,25,45	100:43 104:14	chart 87:35 98:10
capitalize 136:22	59:28,32	103:3 108:37	109:28 115:4	123:1
138:32	casual 50:18	109:27,34 113:30	121:28 142:2	charter 7:16,23,39
Capitol 82:6	catch 12:40 14:20	113:32,44,48	certainly 6:34	8:7 39:28 64:30
capped 80:23	14:46 15:5,26	114:8,26 117:43	62:40 92:28 105:6	65:12 84:12 90:7
130:23 133:18	23:12 24:11,35	118:34,38,42	106:23 109:37	90:11 91:26,40
captain 7:33 64:28	26:20,22,27 35:9	120:13,34,39	110:29,48 148:11	92:8 94:45 98:37
Captains 8:7	36:47 42:10,42	121:38 122:15,23	163:22	105:2,23,34
carcass 9:46 42:16	43:22 49:16,21,22	123:16,38 124:6	certification 60:42	138:36 141:2
card 6:40 159:9	52:14 54:22 62:17	128:2 130:33	cetera 92:2 100:30	charter/headboat
cards 9:11 146:8	63:20 65:10 86:11	132:43 134:44,47	111:37 113:5	52:6
159:12	91:13 93:23 100:8	138:15,45 139:29	114:6 118:16	charts 49:31
care 102:19	100:36,38,42	139:30 140:10,23	125:2 126:13	151:19
Career 69:35,40	103:44 108:24	141:16 142:10,23	chair 155:30	chasing 42:39
cares 161:33	113:36 114:28	142:29 146:28,32	Chairman 71:37	check 23:7,9,15,28
Caribbean 22:26	115:21,41 117:22	146:36 147:19,33	challenge 77:35	25:20,30 62:2
24:10 84:45 85:2	117:43,46 124:36	148:8,9,10,45	162:34	132:17
90:18,32,45 91:27	124:46 128:23	149:1,23,25,26,29	challenged 77:4	checked 26:47
Carlo 35:36	132:6 133:8 134:9	149:40,44 150:1	chance 28:48 30:12	checking 23:21
Carolina 2:15 7:29	136:29,32 138:23	151:40 152:15	35:36 152:11	144:27
7:39,41 12:29	138:37 139:9,17	158:27,31,46	change 23:17 28:37	checks 22:48 23:8
26:25,26,30,32	139:46 146:35,35	159:14,32 160:35	29:7 110:35,42	156:8
41:31,32 45:28,33	151:10,12,15,23	162:21	112:39 114:18	Chief 2:31 111:23
46:2 56:46 61:11	151:25,33 155:8	category's 120:14	116:10 126:47,48	child 9:10
149:16 159:35	158:42,47 159:5	caught 52:22 57:32	127:23,29 130:10	Chinese 77:4
Carribbean 41:33	catches 49:17	64:43 76:45 94:18	132:5 135:20	choice 80:7
Carrie 2:17 8:4	93:35 94:25	94:20 96:24,25,35	137:32 142:10	choose 39:22
carried 112:33	100:25 108:7	101:3,6 108:9,12	changed 27:24	110:18
113:2,23 115:15	109:1 159:36,39	139:22,23 141:37	changes 14:40 20:2	chose 35:27 48:27
carry 10:30,38	catching 68:34	150:3	20:26,26 29:29,30	chosen 104:30
112:43 132:30	93:30 116:4	cause 88:25	74:27 112:31	Chris 2:5 7:20
139:38,41 142:44	123:39	causing 127:40	113:14,16 115:10	12:42 19:31 35:33
case 12:24 31:23	categories 10:45	caution 103:15,30	116:7 117:21	78:23,24 108:5
34:11 36:4 42:13	20:34 52:17 91:8	cautiously 89:12	119:35 132:19	chronologically
42:18 52:13 53:37	112:20 113:18	ceiling 135:38	148:48	53:12
54:18,47 55:2	117:17 118:12,32	cell 6:30	Channel 75:34	circle 60:11
56:40 58:19 59:5	119:6 120:1 122:3	cells 147:1	charge 51:28 53:10	Circuit 77:10
77:8 111:17	138:7 142:28	census 137:8,24	54:28,33 75:28,32	circulation 134:20
151:26	149:41 158:39	center 7:3,9 12:4	charged 6:40 51:33	circumnavigate
cases 24:48 34:19	159:9	12:17 27:11,12	51:39 55:23 56:33	129:18
34:19 42:46 43:20	category 7:13	28:8 116:25	charges 56:41	circumstance
49:20,27 50:4,36	10:23,24,25 12:20	Centers 13:36	charging 51:5,30	58:28 99:20
50:40,44,46,47,48	20:2 52:20 63:19	Central 32:24	53:11 54:7 56:38	CITES 3:11 13:12
51:1,2,11,12,12	65:17 85:36 89:34	certain 26:30 28:27	63:27 64:28	13:24

Citizens 77:4	86:30 89:3 100:27	158:19	131:25 137:36	57:10,16,17,25,30
City 8:7,8	closures 38:17	collect 24:13	139:18 150:7	57:34,41 58:17,33
clarification 18:48	133:6 142:45	138:26	Commander 41:15	58:40,44 59:13,14
29:43 49:13 55:34	144:17	collected 27:17	commence 142:5	61:44 62:19 63:16
58:1 66:17 104:48	Clouds 26:34	116:31	comment 4:27 9:43	68:32 71:10 72:1
clarify 15:4 83:19	Club 7:15	collecting 24:15	11:3 28:37 29:22	76:12,19 82:33
105:17,22 156:32	clue 74:20	137:29	29:24 32:32 34:31	84:6,8,13,16
clarifying 5:41	coast 5:33 35:1	collection 29:13	38:38 45:27 58:28	85:42 86:13,32
6:25,27 16:46	41:2,6,18 42:39	160:33 163:16	59:27 60:4 62:8	88:20,28,36,47
55:30 63:24	43:24,31,37,44	collective 117:8	62:31 63:5 70:30	90:1,34 91:27,32
Clark 9:6	44:10,12,20 45:15	collectively 116:46	73:39,43 74:34,39	91:38 92:7 95:5,7
clause 14:28 77:2	46:4,21 47:38	144:37 157:25	76:20,22 82:9	95:14 97:35,45
77:39 149:10	48:27 50:15,24	college 119:20	83:11,12,14,33	98:5 105:35
clean 74:46	51:3 52:33 60:23	column 122:9	86:19 87:30 88:33	108:40 109:18,33
clear 17:40 18:5	62:29 64:21 84:21	123:36	89:20 95:3 97:11	113:20 133:20
58:39 59:10 75:21	84:44 85:7 87:40	combination 47:12	97:32 101:34	141:47 142:18,19
138:9	93:46 100:13	91:25	107:38 108:46	155:39 163:44
clearly 39:17 79:40	111:47 112:4	combinations	109:2,12 110:16	commercialized
106:41 155:13	141:8,29	20:19,47	110:16 143:10,11	66:10
157:14	coastal 10:43 78:10	combined 68:31	143:18 145:10,11	commercially
Cliff 9:17	84:42	combining 122:35	145:15,18,20,46	88:24 90:8 97:38
Clinton 69:29,29	coastals 11:13,23	come 16:37 25:14	150:43 152:10,12	98:38
clock 119:31	11:26	25:16 33:34 38:6	152:26,36,36	commercials 97:47
124:23 132:31	coastline 141:15	41:16 47:29 49:26	154:34,48 155:22	109:26
clockwise 121:32	coated 140:27,36	57:28 68:5,45	160:12 164:22	Commission 2:14
close 11:22,24	Cocoa 87:41,44,48	71:5 80:3,14,31	commenters 88:19	8:19,34 12:27,28
14:24 36:36 38:29	90:40 96:47 98:25	82:16 93:27 96:31	88:45	88:34
47:30 107:19	106:24	97:47 98:17,30	comments 15:46	commissioner 8:18
109:21,37 132:41	Cod 108:12	100:16,39,44,44	20:40 35:23 39:45	47:37 48:3 71:48
135:19 136:6	Coddington 1:29	107:12 108:33	79:2 82:30 83:8	72:1,3,4
162:7 163:35	68:7 93:12,16,17	109:21,37 117:25	85:30,32,32,44	Commissions
closed 83:33 85:7	97:41,42 98:39	137:16 138:3	86:5,23,24,26	27:11
101:1 104:18	105:46 106:33	146:37 148:39	87:24 88:14,17,32	commit 16:1,17
117:45 124:33	codified 119:16,46	155:23 158:14	88:42 92:22,34	commitment 82:17
128:16,20,31,48	120:43 122:26	161:5 162:39	93:18 103:41	commitments
129:15,25 151:9	134:46	comes 73:5 99:27	106:39 107:3,30	80:24
151:31 159:4,13	codify 84:20,23,31	110:46 120:42	107:39 109:42	committee 8:15
162:3 164:14	142:47 147:29	131:37 133:33	110:18,25 144:21	13:32 14:13 19:36
closely 12:26,32,38	codifying 118:15	148:7 161:41,42	145:24 151:5,7	71:34,36,41 72:15
86:42 88:3	142:39	coming 5:8,13	152:6,32 156:23	78:37
closer 73:4 103:16	coding 96:2	13:21 23:2 35:37	157:43 160:1	common 44:35
103:16 109:5	coffee 6:32	42:22,22 49:34	commerce 1:1 69:7	52:8,11
125:1 150:6	coincide 141:47	61:21 68:11,21	77:28,30,38	communicate
closes 79:16	153:40	71:2 94:22 97:44	commercial 4:15	58:44 70:16
closing 46:16	cold 157:34	98:27 99:13	7:5,36 8:28,31	153:13
114:12 133:1	colleague 49:48	101:31 104:29	18:40 38:4 48:47	communicating
closure 10:24,26	colleagues 49:38,41	105:47 110:31	56:2,46,48 57:8	126:23

<p>communication 16:3 28:7 59:45 95:44,48 96:5 136:23 138:27</p> <p>communities 71:44</p> <p>community 20:33 44:3 97:15,44 160:41 162:35 163:45</p> <p>community's 162:30</p> <p>company 59:21</p> <p>company's 111:21</p> <p>comparable 41:41 42:2 46:46 47:11 114:10</p> <p>compared 20:27</p> <p>compatible 94:26 94:27</p> <p>compendium 6:16</p> <p>compensated 39:35</p> <p>complains 160:37</p> <p>complaint 64:41 65:4,14</p> <p>complete 12:15 23:9 107:17</p> <p>completed 13:1 32:17 46:9</p> <p>completely 55:20 72:39 78:27 100:22 136:18 147:30</p> <p>completing 65:28</p> <p>completion 65:41 143:38</p> <p>complex 144:32</p> <p>complexity 125:5 143:11</p> <p>compliance 13:21 22:21 23:21 24:23 25:45 29:33 60:43 65:25 76:46 126:21,36 127:28</p> <p>compliant 115:43 116:40 126:30 128:13</p> <p>complicated 16:28</p>	<p>16:31 54:32 62:46 76:30 77:26 78:20 79:36 81:8 111:1 111:28</p> <p>comply 12:42 22:3 22:6 24:37 62:16 91:41 97:37 98:46 106:28 127:6 161:44</p> <p>complying 161:13</p> <p>component 46:4 60:45 111:34 139:44 143:33,45</p> <p>components 18:1 48:47 60:48 61:1 62:43 126:23</p> <p>comprehensive 16:42</p> <p>compromise 54:45</p> <p>compromised 58:25</p> <p>computer 95:22</p> <p>CONAPESCA 55:40</p> <p>concepts 148:46</p> <p>concern 31:18 62:36 85:40 88:9 103:43 104:3</p> <p>concerned 80:20 100:31 113:20 147:13</p> <p>concerning 64:42 65:4</p> <p>concerns 36:26,27 37:17 61:8 101:12 107:42 123:22 160:19</p> <p>concerting 76:23</p> <p>concise 6:23 62:6 145:17 146:9 152:30,30</p> <p>conclude 144:40</p> <p>concluded 34:34 131:37</p> <p>concludes 92:21</p> <p>condition 42:16</p> <p>conditional 125:9</p>	<p>126:4 128:30</p> <p>conditions 124:8</p> <p>conduct 15:33 36:7 63:26 64:27 65:24</p> <p>conducted 64:8,21 65:26</p> <p>conference 9:48 85:33</p> <p>confidence 56:5 118:7 137:26,34</p> <p>confident 102:32</p> <p>confirm 21:4 27:43 102:30</p> <p>confirmation 69:17</p> <p>confirmed 69:44</p> <p>conflict 74:47 75:12,31 76:1 98:24</p> <p>conflicting 98:4</p> <p>conflicts 88:26</p> <p>confusion 156:41</p> <p>congratulate 156:6 157:14</p> <p>congratulations 158:37</p> <p>Congress 73:7,8,24 76:32</p> <p>conjunction 95:30</p> <p>connect 39:12</p> <p>connected 78:26</p> <p>connections 39:17 39:24</p> <p>CONRAD 27:22</p> <p>consequences 74:15</p> <p>conservation 2:14 6:11 8:33 14:27 31:36 38:36 69:21 76:31 77:43 78:14 88:34</p> <p>conservationists 38:33</p> <p>conservationist's 38:12</p> <p>conserve 89:2</p> <p>consider 20:15,15 31:36 45:37 48:21</p>	<p>88:11 89:31 92:46 92:47 100:24 157:6</p> <p>considerable 29:28</p> <p>considerably 54:46</p> <p>consideration 15:41 16:21 19:23</p> <p>considerations 93:4</p> <p>considered 36:41 53:6 92:28,39</p> <p>considering 15:26 29:16,37 41:25 99:30</p> <p>consistency 125:43</p> <p>consistent 13:10 17:43 65:27 81:47 86:20 94:37 113:47 125:26 140:5 143:9</p> <p>consistently 99:36</p> <p>consisting 85:21</p> <p>consists 85:11</p> <p>consolidated 82:47 113:24</p> <p>constant 41:41</p> <p>constituencies 16:7</p> <p>constituency 58:45</p> <p>constitution 77:2</p> <p>constitutional 77:34</p> <p>constrained 154:24</p> <p>constraints 104:39 153:11</p> <p>constructive 70:15 95:11 151:38</p> <p>consult 69:47 75:29 75:30</p> <p>consultation 14:32 143:21</p> <p>contact 44:22</p> <p>contained 83:3,16 86:3 89:28 116:43 118:22 143:32</p> <p>contending 114:40</p> <p>content 17:47</p> <p>contentious 117:15</p>	<p>contest 97:16</p> <p>context 128:10 140:2</p> <p>contexts 136:44</p> <p>continue 11:34 12:25,34 13:29,48 15:33 20:6,48 21:33 25:44 43:45 44:40 63:33 72:44 86:42 88:39 89:18 89:41 115:28 130:20 131:29,36 142:7 151:44 159:19 160:24,26 163:36</p> <p>continued 139:32</p> <p>continuing 13:38 14:3 15:44 22:9 115:24,40</p> <p>contract 95:43 96:3</p> <p>contractual 148:33</p> <p>contribute 18:7 55:43 121:28</p> <p>contributing 122:23 147:43 148:3 156:40</p> <p>control 22:48 75:10 75:14 126:19 127:4 131:31 149:36 151:16</p> <p>convened 43:37</p> <p>conversation 5:42 22:41 23:18 45:1 56:43 135:22 163:36 164:19</p> <p>conversations 5:39 45:3 50:15,17 90:22,27 109:45 114:32 135:25 164:2</p> <p>convert 74:39</p> <p>conveying 13:31</p> <p>convincing 103:28</p> <p>cooling 143:40</p> <p>cooperation 59:13</p> <p>coordinate 75:48</p> <p>coordinated 27:9</p>
---	--	---	---	---

coordination 12:3 21:42 24:4	50:21	76:43 84:15,35 86:10 94:44	53:29 70:8 99:8 99:22 113:33	dates 17:21 153:7
copies 23:47 27:6 42:24	counties 85:22,24	128:45 129:12	117:42 127:32	daunting 118:28
copy 26:39 57:5 60:30	counting 115:17	163:39	135:27,36,46	Dave 6:47 16:47 18:4 27:14 34:3 34:29 93:13 101:30 103:37 104:46
corner 103:40	countries 38:40,44 39:6 103:22	created 71:4 97:48 106:22 157:21 160:40,40	136:19 138:38	David 1:37 2:22 7:1 7:42 34:4 103:39
corporations 148:39	country 38:48 132:10	creates 78:2	140:16 151:45 158:26	day 5:43 6:15,42 23:6 70:25 80:12 80:48 81:43 110:17 111:17 115:6 116:46 143:40 144:26 150:39 158:41,48
correct 18:9 23:12 24:47 25:2 28:33 28:45 34:18 37:24 42:25 60:5 95:14 95:36 105:25 121:45 146:1 151:17 157:8	country's 112:37	creating 89:47 117:33 149:6	cursor 116:47 118:13,24 138:2	Dayboat 7:5
correctly 17:4 154:36	counts 51:14,15,16 51:31,37,38,40,42 51:43,45,47	creative 96:20	curved 13:8	days 10:5 21:22 34:24 55:1 62:28 71:25,25 80:22 81:16 92:4 111:43 163:7
correlation 132:34	county 65:7 85:26 90:44	credibly 69:4	cut 48:27 72:31,40 73:5,46 102:31 103:19	De 100:37 103:48 104:17
corroborated 139:19	couple 6:31 9:4 10:35,37 11:36,44 37:22 41:3,12 43:31 52:46 79:33 100:3 102:22 103:46 104:28,29 105:27 110:28,28 111:43 113:28 116:22 117:24 120:3 121:2 132:18 136:44 140:43 151:5 155:41	credit 6:40 71:15	cutback 48:7	dead 112:28,32 114:18,28 115:2 115:11 116:16,18 117:32 119:30,40 120:46,48 121:3 121:40,43 122:17 129:37 131:24,40 133:22 135:43 136:3,9 139:24 149:47 162:22
cost 10:9 48:27 79:11 81:17 92:18 133:32 142:20 156:42	course 6:17 38:26 79:48 110:11 146:28 153:48 158:8	creeping 149:48 157:5	cuts 48:39	deadline 33:2,19 34:23 153:2
costs 81:28,35,36 129:18 136:48 137:11 156:46	court 8:39 12:16,22 26:41 53:38 77:5 77:11 108:17 155:22,33	criminal 54:17	C-O-N-T-E-N-T-S 3:1	deal 25:11 42:19 61:5 70:10,26,26 77:40 96:10 120:19,33 136:34 161:15 162:38,39
correctly 17:4 154:36	course 6:17 38:26 79:48 110:11 146:28 153:48 158:8	criminalize 77:18	D	dealer 3:14 10:3 15:24 21:37,48 22:42 23:9,27,28 23:35 24:20 25:29 29:1 54:39 55:15
correlation 132:34	courts 34:13	criminalizes 77:24	daily 28:18,23,32 28:45,48 29:9,19 95:44	
corroborated 139:19	cover 16:26	criteria 36:40 84:26 88:40 91:1 92:36,38,45 93:5 107:23,24 109:25 128:12 140:15 148:23 149:33	danger 30:45	
cost 10:9 48:27 79:11 81:17 92:18 133:32 142:20 156:42	coverage 52:35 78:44 79:45 80:11 104:37	critical 32:10,36,37 97:2	dangerous 148:47	
costs 81:28,35,36 129:18 136:48 137:11 156:46	covered 151:36	critically 38:18	data 20:7 21:42 22:46 23:1,4,14 23:15 24:3,4,12 24:15,18,21,25,29 24:31,35,44 25:33 25:33,36,37 26:38 27:16,25 28:9,42 29:13,34,35 30:17 30:22,23 32:1 36:25,43,43 41:11 65:29 102:42,45 117:46 118:2 126:18 128:18 134:30 137:22 154:41 160:33 163:16	
couching 120:7	covering 10:14	crop 46:48	data's 24:32	
council 2:20 7:43 8:27 19:37 34:5 60:35 61:13,13 75:30,38,39 78:38 78:41 80:10 81:29 163:46	covers 10:19	cross 41:20	date 11:38,42 22:32 92:3 124:14 135:41 141:42 143:15	
councils 12:26 143:21,24,29	co-regulators 78:3	cruise 65:29		
council's 80:35	CPUE 151:15,30 151:30,32	crucial 32:10,36,37 97:2		
Counsel 39:40 49:46 50:14,31 54:12 64:32	create 20:45 33:28	crucially 38:18		
count 51:6,11,13 51:21,26		crucial 32:10,36,37 97:2		
counted 101:4 103:7		critically 38:18		
counter 43:43		crucially 38:18		
counterparts 44:46		crucially 38:18		

58:19,24,34 59:17 64:42 91:16 96:48 98:26 102:33 125:36 139:20	deep 98:13 103:47 104:26 105:6 108:3 145:32 150:46	denying 33:24 Department 1:1 2:17 7:29,31 8:5 9:7 43:46 45:14 50:20,25 54:16 69:7 77:39	124:20 145:47 152:32 157:43	144:34
dealers 14:4 21:28 21:31,33,45 22:1 22:4,5,9,13,15,27 23:23,24 24:23,25 24:46 25:6,7,9,18 25:40 26:4,20,25 26:32,44,47 28:22 28:38,41,44 29:2 29:43 30:1,1,8 52:21 64:6 91:44	deeper 37:39 default 26:32 Defense 8:3 defer 71:24 80:38 defined 106:6 defines 106:19 definite 34:23 definitely 26:34 29:37 30:7 34:38 42:31 60:30 120:9	departure 55:6 depend 100:47 depending 34:37 35:10 121:5 126:48 141:9,14 depends 40:5,12,19 57:41 153:6 depict 123:2 depicted 121:31 124:36 depicting 122:1 depletion 35:32 deployed 126:32 136:28 depth 143:11 Deputy 69:36,41 derby 158:31 describe 82:48 83:2 83:15 84:37 87:2 89:45 described 146:17 description 59:9,40 deserved 149:16 design 122:16 139:6 designate 32:10,36 designated 32:38 134:4 designed 114:26 125:8 132:3 desire 137:6 139:45 DeSoto 128:38 detail 6:39 9:34 55:48 117:2 120:9 129:29 133:42 135:14 137:43 143:5 145:40 151:19 156:40 164:9	details 10:18,20 63:12,13 70:28 154:1 157:40 detected 42:1,8,14 42:27 64:31 detecting 47:19 detections 42:37 detects 95:38 deter 43:2 determination 32:5 32:6,12,35 33:34 75:44 140:15 determine 31:24 48:17,24 57:40 89:34 determined 31:47 48:43 88:37 determining 36:47 deterrence 43:30 detrimental 13:18 develop 19:33 23:39 55:5 119:13 143:46 161:1 developed 50:39 52:47 66:8 84:36 147:12 developing 44:4 93:10 107:5 development 19:34 83:1 92:27,29 104:6 149:12 device 61:5 65:34 Devil's 154:1 devise 163:41 devoted 20:43 Dewey 2:23 8:25 26:1 58:2 107:34 108:30,32 Dewey's 26:37 60:6 de-hooking 61:5 de-listing 33:45 diagram 32:28 154:37 155:19 dialog 17:48 dialogue 117:37	differ 41:26 difference 105:44 differences 36:19 36:43 different 22:33 23:1 29:47 31:6 33:38 35:43 36:40 37:10,14,23 38:31 46:44 48:46 51:15 54:11 55:8 58:42 73:47 87:8,15 96:36 114:1,3 117:10 118:19 120:16 121:4 123:17 124:37 127:30 129:39 136:12,18 138:46 141:17 159:17,45 differently 57:38 differing 85:44 88:14 difficult 86:14 144:12,46 157:18 difficulties 115:5 difficulty 114:42 digest 160:2 dignity 160:5 diligently 25:44 direct 75:12 90:24 106:2 120:31 129:22 132:34 133:5 directed 8:30 29:42 35:22 45:46,48 46:14 60:20 86:31 87:13,21,23 89:3 91:47 93:25 95:31 100:17,26 101:47 102:6 103:6,7 115:24 118:12 124:48 134:13,39 138:33 141:33 direction 127:30 directions 70:16
dealing 76:24,41 118:14 dealt 157:17,47 debate 80:41 decade 113:47 123:45 decal 52:34 December 33:3,22 70:32 73:41 74:33 125:6 151:41,44 decent 11:40 decide 25:16 32:36 69:38 decided 28:37 118:23 decides 31:39 decision 32:1 53:34 92:44 108:18 124:9 decisions 16:20 20:8 53:25,26,38 73:25 149:39 declare 127:48 decrease 11:40 123:13 130:39 decreased 112:47 decreases 11:9 41:42 dedicated 22:20,27 43:8 65:24 124:24 deducted 91:46 deemed 13:46 127:45	deliberations 34:47 39:24 111:33 delinquent 23:33 Delisse 3:14 21:17 27:39,40 30:17,26 54:37 86:41 delivered 17:22 58:18,34 145:5 delivery 65:28 demanding 159:46 demonstrate 120:4 demonstrated 126:17 denied 33:9 Denise 27:37,38 Dentist 8:20 deny 37:26	described 146:17 description 59:9,40 deserved 149:16 design 122:16 139:6 designate 32:10,36 designated 32:38 134:4 designed 114:26 125:8 132:3 desire 137:6 139:45 DeSoto 128:38 detail 6:39 9:34 55:48 117:2 120:9 129:29 133:42 135:14 137:43 143:5 145:40 151:19 156:40 164:9 detailed 16:35 53:46 71:23	124:20 145:47 152:32 157:43 10:18,20 63:12,13 70:28 154:1 157:40 42:1,8,14 42:27 64:31 47:19 42:37 95:38 43:2 32:5 32:6,12,35 33:34 75:44 140:15 31:24 48:17,24 57:40 89:34 31:47 48:43 88:37 36:47 43:30 13:18 19:33 23:39 55:5 119:13 143:46 161:1 50:39 52:47 66:8 84:36 147:12 44:4 93:10 107:5 19:34 83:1 92:27,29 104:6 149:12 61:5 65:34 154:1 163:41 20:43 2:23 8:25 26:1 58:2 107:34 108:30,32 26:37 60:6 61:5 33:45 32:28 154:37 155:19 17:48 117:37	144:34 18:22 122:44 41:26 105:44 36:19 36:43 22:33 23:1 29:47 31:6 33:38 35:43 36:40 37:10,14,23 38:31 46:44 48:46 51:15 54:11 55:8 58:42 73:47 87:8,15 96:36 114:1,3 117:10 118:19 120:16 121:4 123:17 124:37 127:30 129:39 136:12,18 138:46 141:17 159:17,45 57:38 85:44 88:14 86:14 144:12,46 157:18 115:5 114:42 160:2 160:5 25:44 75:12 90:24 106:2 120:31 129:22 132:34 133:5 8:30 29:42 35:22 45:46,48 46:14 60:20 86:31 87:13,21,23 89:3 91:47 93:25 95:31 100:17,26 101:47 102:6 103:6,7 115:24 118:12 124:48 134:13,39 138:33 141:33 127:30 70:16

directly 140:23	120:36 137:43	7:41 13:37 29:31	double 62:10	108:42
directs 45:28	discussion 5:44	30:35 40:31 41:7	doubled 102:14	Duke 8:24
disallowing 132:48	27:46 35:17 36:9	51:9 62:42 64:15	downfalls 158:32	dump 65:7
disappointed 18:32	39:47 40:39 45:9	65:24,32 70:11	downstairs 6:36	dumping 78:44
18:45 99:5 146:38	46:22,34 47:21	83:23 111:23	downwards 123:43	79:14
discard 112:28,32	49:43 58:29 59:2	dock 96:43 109:23	dozen 143:22	dumps 79:15
115:11 135:43	64:35 65:47 66:1	139:18	145:23	dusky 3:23 14:29
148:42 150:20	66:5,22 78:12	docks 45:36 66:15	DPS 30:42 32:21	18:41 30:37 33:5
161:18,19,42	83:8 87:31 106:36	document 12:40	32:24,26,28 35:27	34:35 37:41
163:26	111:12,13,26	14:20 16:28,28	36:14,39,41	dust 27:30
discarded 101:1	124:22 138:30	19:20,44 20:17	DPSs 31:12	dusty 31:17
131:24 154:44	143:27 145:44	23:39 53:8 74:13	Dr 8:16 15:31	dynamic 142:26
discarding 150:23	164:17	118:22 156:29	18:21,31 69:12,13	dynamics 140:21
discards 20:1,12	discussions 16:36	documentation	69:15,19 94:8	140:40
36:28 101:2	50:24 55:34 77:19	13:15,25	draft 4:22 9:40	D1B 163:19
114:18,29 115:2	83:27 114:38	documented 22:40	17:42 19:26 70:24	D2B 163:17
116:17,18 117:23	118:35 128:17	23:19	74:13 83:29 86:3	
117:32 119:30,40	164:6,14	documents 13:40	86:25 89:29	E
120:46,48 121:4	disincentive 163:23	22:15 152:18	109:45 115:34	earlier 64:27 86:41
121:40,43 122:17	disincentives	156:29	141:41 142:4	87:45 93:39
129:38 131:40	157:22	Dogfish 14:28	151:20	113:22 140:16
133:22 136:3,10	dismissed 12:24	doing 9:22 12:2	drafts 17:34,45	142:3 147:14
136:31 146:36	disparity 114:23	16:5 21:40 46:8	drama 157:11	early 5:8 19:20
147:19,25,37	dispersed 103:22	54:5 63:18 72:33	158:15	86:30 89:3 100:27
152:15 160:21,25	disposition 50:40	74:21,21 75:13	dramatic 135:20	132:12 139:47
160:30,30,35,38	distance 66:33	79:10 110:41	draw 114:7	159:4
160:39,40,44,44	113:35	111:32,46 112:1	drawing 37:11	Earning 10:9
161:2,4,15,23,23	distant 112:6	115:44 146:27	drawn 98:36	eased 22:16
161:36,36 162:32	128:36	148:6 149:5	dream 9:8	easiest 63:2
162:33 163:2	distinct 30:41	151:26 155:3	dressed 93:33	easily 109:9 143:22
disclosure 49:5	distracted 72:44	dollar 56:36 72:23	drew 98:15	Easley 61:19
disconcerting	distribute 154:13	94:32	drill 111:8 116:12	east 84:44 85:7
18:36	distribution 91:11	dollars 68:33 72:24	117:5	93:46 100:12
disconnect 119:41	District 41:28,30	dolphin 66:4 125:1	drinking 119:21	112:3
discover 129:6	41:32,34 42:26,33	134:6	drive 39:17	easy 25:10 29:21
discuss 9:34 13:39	48:38 49:34 77:5	dolphinfish 64:25	drives 63:26	118:17 160:8
17:12 55:44 65:42	77:11	65:46	driving 64:28	echo 18:31
77:13 82:46 83:14	districts 41:27	domestic 13:8	drop 48:10 92:41	echoing 109:14
83:20 85:29	48:16	24:37 31:5 44:16	103:47 104:26	economic 57:14,19
112:14 122:27	divergent 72:45	84:40 112:12	127:28	57:44 68:47 86:12
124:27 135:21	diversity 12:18	116:40 121:9,28	dropping 98:11	86:14 124:9,42
discussed 50:28	43:12	142:44	105:6	125:32,47
116:21 139:34	divide 36:20	domestically 12:41	drove 96:46 152:12	economical 93:22
discussing 83:24	141:11,16	112:41 133:7	drugs 47:13	economically 88:21
92:23 114:31,32	divided 106:43,44	dominate 75:47	Dry 98:13	88:47
115:6 116:44,45	106:45 164:5	Don 158:25	ducks 18:3	economy 68:36
116:45 117:15	division 2:15,31	doors 124:15	due 34:12 64:46	71:13,17 73:28

eDealer 5:32 10:3 15:24 21:9,13,18 21:21 22:20 29:29 54:38 55:18 63:45 86:44 89:42 101:24,25 102:33 103:1,12	electronic 3:14 10:3,13 12:40 15:36 22:18,36 24:14,17 25:42 26:8,9 136:47 137:10,20 138:4 143:45 152:44,44 153:3,15	5:31 30:30,44,48 31:9,20,48 32:27 32:29 34:42 35:4 35:11 38:18 40:6 40:8 61:41 ended 32:33 107:4 127:10 147:10 154:3	81:42 enhanced 64:4 163:16 enhancing 25:45 ensure 23:23 25:39 27:16 89:43 95:23 100:6 119:5 128:45 ensures 24:37 enter 25:29 127:45 entered 23:12,13 entering 45:18 entertain 123:19 142:4 entertained 153:7 entire 17:5 56:40 133:1 134:16 135:20 161:20 entity 46:42 entrants 88:24 entry 95:34 96:16 149:17 environment 121:10,13 environmental 7:9 8:3 19:26 24:30 53:31 69:32 83:29 86:4 89:21,29 159:26 160:41 162:30,35 163:45 environmentally 94:26 envisioned 80:29 153:33 Equal 37:24 equate 134:48 135:6,11 equipment 52:29 equitable 119:7 equity 116:35 138:10 141:38 equivalent 112:28 130:7,36 Eric 69:23 error 142:21,26 ESA 30:36,40 31:3 31:11 35:26 36:1	38:10 39:11,30 especially 29:4,33 55:14 78:28 85:37 105:41 112:13 116:3,27 117:47 117:48 129:23 132:6 133:27 136:41 139:37,48 140:9 essence 119:4,19 122:21 123:9 124:35 125:18,33 126:10 127:24 129:36,43 136:2 141:23 145:38 146:15,17,22 149:38 150:3 153:21 essential 57:37 essentially 9:21 26:38 41:28,31 61:31 62:18,24 76:17 83:20 84:41 86:6,21 87:43 96:22 112:1,32 113:10,24 115:42 116:14 117:19,29 118:30 119:14,17 119:22 120:2,22 120:44,47 121:16 121:29,39,48 123:35 124:32 126:4,37 127:11 127:16 128:1,48 130:3,31 131:44 132:2,31 133:46 133:48 134:48 135:37 136:5,26 136:29 140:26 141:1 142:38 146:15,23 147:16 148:6,24 154:37 155:9 157:25 establish 84:6,8,19 84:23,24,29,32,39 127:47 134:27 142:47
eDealers 30:18 education 64:9 65:20 EEZ 37:12 47:19 47:30 85:11,16 90:47 effect 34:44,48 53:43 effective 10:26 13:22 38:25 90:6 92:3,10 143:41,43 effectively 62:46 118:3 effectiveness 144:6 effects 38:23 89:22 efficient 12:5 25:46 effort 10:6 21:43 22:13 27:9 43:8 48:2 52:37 87:28 88:28 104:27 105:31 123:44 129:7 131:1 136:27 151:16,23 151:25,27 157:15 162:22 efforts 31:37 46:6 103:21 EFPs 10:11 eight 10:5 21:22 34:11 75:36 78:31 78:34,35 112:1 137:3 143:24 154:24 either 31:20 51:3 54:33 55:1 64:6 66:9 75:20 118:40 123:10 127:6 128:12 131:39 132:15 135:23,43 electron 42:35	electronically 21:29 element 62:22 142:8 elements 6:4 24:12 24:19 27:15 elicit 6:4 eliminate 115:20 133:8 elimination 115:11 Elizabeth 41:15 44:24 Ellen 1:43 7:44 108:43 109:12,40 else's 161:3 email 22:28 23:4,16 23:30,35 44:24 51:10 55:25 60:31 144:25 emails 22:33 embark 131:8,34 131:42 emergency 115:19 emphasis 87:7 emphasize 97:26 110:10 157:45 emphasized 110:19 empty 155:27,28 en 18:22 enable 157:24 encompasses 88:4 encounter 66:15 encountering 116:32 135:35 encourage 18:24 70:17 96:30 103:15 encroach 119:10 endangered 3:17	ends 11:3 endurance 44:10 enemy 159:16,17 energy 110:32 enforce 53:2 enforceable 88:8 88:12,13 enforcement 3:29 3:29 4:1,2,4,5 5:34 23:38 40:42 41:1,4,8,21 42:18 44:12,21 45:34 46:1,9,17,20,30 46:32,41 49:46 50:32,33,45 51:4 52:38 53:5,24,41 54:8,11,13,27,30 54:36,36,42 58:29 58:48 59:4,21,32 60:21,22,27 62:43 63:39,41,47 64:15 64:18 65:16,21,23 65:31,34 96:19 106:4,9,21,23 161:10,11,12 Enforcement's 61:15 engaged 44:2 engages 43:39 engaging 16:18 45:16 Engelke-Ros 4:1 49:44,45 51:23,27 56:14 57:12,39 58:9 60:3,13,17 60:25,46 61:25 62:35 63:23 Engineering 15:37 England 78:30		

established 10:28 13:7 84:47 85:20 112:21,22 115:8 119:27 121:9 123:18 128:25 132:13 135:36	53:4,46 56:33 59:42 63:32 81:39 97:32 129:31	114:12 124:21	extrapolation 154:42	familiarity 38:2
establishing 88:11 118:14 130:30	exaggerating 74:17	expected 17:21 41:16 97:47 99:28 114:15	extreme 132:14	far 11:46 19:41 21:25 35:24,40 36:21 41:37 45:38 46:26 47:8 55:31 102:4 105:15 113:4,19 124:15 133:36,39 134:18 143:30 147:13 150:4,27 151:18
establishment 89:9 128:19	exaggeration 79:4	expecting 18:33	extremely 59:31 144:12 156:46	fashion 127:21
estimate 107:13 135:43	example 25:25 34:9 51:32 54:40 57:21 72:2 79:13 113:44	expects 6:42	ex-vessel 86:35	fast 33:47
estimated 89:26 136:3	123:1 138:45 143:46 148:48 152:29 153:16	expedited 54:35	eye 42:31 161:42	favor 12:23 108:1
estimates 100:7 121:42 136:24	exceed 11:25 89:43 131:35	expelling 151:28	F	favorites 26:33
estimation 136:30	exceeded 37:25 87:1 91:9	expended 41:23	face 94:39 120:41	fax 29:21 144:26
et 35:33 92:2 100:29 111:36 113:5 114:5 118:15 125:2 126:13	exceeds 51:17	expending 41:47	faces 68:6	feasible 88:21,47
evaluate 88:39 89:18 127:11	excellent 30:26 78:22 107:38 146:13 152:28	experience 99:12 154:5	facet 46:13	features 88:5
evening 145:46	exceeding 52:14	experts 17:28 77:36	facilitate 55:43	February 45:39 83:31 141:28 149:4,4 151:42,46 159:6
evenly 110:44 164:5	exceeds 51:17	explain 39:16	Facilitator 1:21 2:26 3:3	fed 161:3
event 76:1 99:18 129:1	excellent 30:26 78:22 107:38 146:13 152:28	explaining 39:23	facility 6:38	federal 9:16 21:28 21:30 22:3,7 23:10 38:10,41 45:33,34 46:20,32 47:37 53:37 73:28 76:16,44,46 77:18 77:24 81:20 92:5 104:30,31 153:13
eventually 108:14 112:46	exception 50:4 74:22	explanation 19:1 53:4	facing 99:33	feedback 16:11 27:3,7,13,15,19 109:42 111:28 116:8 144:44
everybody 16:38 16:39 21:15 57:3 59:23 73:8 97:37 104:48 108:48 110:39 145:37 161:3 162:14	exceptions 76:37	explanatory 151:20	fact 59:24 62:27 76:23 95:31 97:34 97:38 100:20 101:15 106:36 108:2 109:20 115:7 124:24 146:48 151:29 152:15 157:34	feeding 10:1
everybody's 94:41 107:14 162:17,18	exchange 66:9	exploratory 104:14	factors 35:5 48:29 87:1 88:11 107:26	feeds 118:2
everyone's 107:27	exchanges 44:44	explore 133:33 144:13 156:42	facts 93:20	feel 9:36 15:8 16:46 62:25,31 71:26 89:14 101:26 102:32,38 105:28 105:39 109:37
everything's 72:31	excited 70:48	explored 121:46	failed 64:7 93:19 97:11	fellow 9:18
evidence 137:39	exciting 11:48	exploring 104:2	failure 52:19,28,33 93:23 162:30	
evolution 20:28	excuder 65:33	exports 13:16	fair 62:34 107:5 119:7 154:19,30 161:27	
evolved 137:27	excuse 51:20 84:18 133:45 134:15 145:41	expressed 93:5	Fairclough 9:15	
evolves 153:20	excuse 51:20 84:18 133:45 134:15 145:41	extend 70:30,32,34 74:34 143:10 13:21 98:22 143:15	fairly 12:30 41:41 58:21 72:34 110:44	
exactly 43:2 44:44 44:47 45:17 47:2	exemplified 93:24	extended 12:46 13:21 98:22 143:15	fairness 159:2,3	
	exist 107:10,11 141:8,20,24 142:28 143:18	extending 85:16 90:39,43	fall 14:12,12 101:41 128:26 133:22 134:41	
	exists 44:35 100:32 140:16 158:8	extends 32:8	false 51:44 52:32	
	existence 139:12 143:1	extension 73:39,43 74:32 152:35,36	familiar 26:20 46:38 83:5 144:23 156:20	
	existing 21:34 22:10,36 85:36,39 86:33 87:8,17 89:1 90:34,47	extensive 64:8		
	exists 44:35 100:32 140:16 158:8	extensively 103:31		
	expand 86:27 149:30,31	extent 34:21 56:10 57:29 70:40 75:26 75:31 76:33 81:42 82:19,23 115:41		
	expansion 105:5	externally 45:20		
	expect 16:10 97:43	extinction 30:45		
		extrapolate 154:43		
		extrapolated 151:22		

fellows 9:19	finding 31:27,32,38	94:29,37,40 95:28	Fisherman's 152:4	155:47,48 156:19
felt 88:19,22,45	31:42,43 32:15,19	96:13,13,14,24,25	fishermen 8:17	157:23,37 158:26
fence 97:23	32:46 33:3,14,19	96:43,44 98:19,27	14:3 26:21 36:36	158:32,42 159:27
field 17:30 116:30	33:24,35 34:5,10	100:21 106:12,13	37:3 48:30 56:2	159:45 163:46
fields 26:38	34:21,40 39:36	106:13 107:10	59:15 63:16 68:37	fishing 7:15,33,34
fifteen 109:43	47:19 96:20	109:22,29,30,30	68:46 83:40 86:13	15:12 24:46 25:2
fifth 123:39	findings 13:16	109:35 115:24	97:28,35,35	25:21,21 42:5,28
figure 37:3 43:2,41	33:40,43,44 34:32	125:11,15 127:48	109:18,33 116:31	44:33 49:32 51:33
43:48 52:5 96:9	34:33,42	131:11,14,24,32	123:26 138:12	51:33,34,35 52:31
123:24 134:26	fine 35:1 162:13	132:38 139:18,22	139:4 141:2	55:13 58:6 64:16
144:35 145:1	fines 57:5 61:48	139:23 140:27,34	154:12 157:24	64:18,23 68:22,29
153:35	64:12	140:36,40 141:4,5	fishermen's 7:26	68:35,44 71:8,12
figures 108:35	fingers 59:9	141:37,38 142:2	28:17 99:2 105:33	71:17 75:4,25,41
122:8 151:8	finished 64:37	150:4 154:44	156:18	76:35,45 77:19,25
filed 37:22 77:8,45	finning 52:12 55:48	155:10 158:15,45	fishery 8:27 10:11	84:41 86:9 87:28
filibuster 16:45	56:6,19,34,40	158:47,47 159:38	13:35 14:31,32	88:28 91:36 92:16
fill 8:48 26:4,9,11	65:39	159:40,41,42,43	15:1,34 19:29,32	93:31 94:2,4
26:19 151:44	fin 56:3,22 76:14	159:47 160:34,45	20:28 39:31 46:11	96:42 98:16 102:1
filled 110:7	76:38,41,42	162:21	48:17,22,43,47	104:14 106:19
final 4:15 5:37 6:14	firm 16:15	fished 106:7 115:38	49:7 60:35 62:19	110:39 115:37
9:38 10:27 18:20	first 5:38 8:44 9:25	158:27 159:35	63:38 69:20 71:10	118:11,43 119:1
32:5,11,35 78:14	21:12,16 28:2	fisheries 1:3 2:16	72:22,46 73:22,25	120:17 122:36,43
82:9,46 83:15,34	34:31 42:10 49:39	2:30,30 4:11 7:41	73:26 74:15,44	123:31 124:33
86:20 87:32 89:29	55:34 56:48 63:42	7:43 8:30 10:34	75:15,17,38 77:32	125:44 127:8
89:38,46 90:14,25	75:20 77:17 79:33	11:20 12:3,27	78:27 79:20,42,44	130:8,20 131:7,9
91:21 92:4 104:43	84:2,18,39 86:5	14:40 15:16 25:25	80:3,47 85:42	132:32 138:48
107:6 122:11	90:28 92:9 93:18	27:10,12 29:42	86:28,31 88:36	140:8,21 141:13
143:36,37,43	101:44 102:4,6	35:22 38:23,27	89:4,10 91:5,8	141:35 142:24
144:14 149:38	105:36 109:44	41:48 43:34 44:8	94:11 95:7 101:41	153:27,29 157:16
finalize 17:41	110:2,5 117:14	44:12 46:32 48:16	101:47 102:2,14	158:34 159:20,33
127:1 130:1 135:2	119:15 123:3,36	49:6 56:46 57:27	103:8,22 104:9,26	159:34,46 160:6
138:4	152:39 153:5	58:8 60:20 68:12	108:10 113:17,41	160:16,18
finalized 15:14	firsthand 59:38	68:14,32,45 69:5	115:1 116:3,10,26	fishing's 150:5
18:8 22:14 36:45	Fiscal 41:36 42:35	79:26,29,35,36,47	118:41 120:29	fit 48:40
102:44 133:40	49:19	80:18 86:37	121:41 122:32	five 9:38 10:11
144:11	fish 2:13 8:33 13:23	100:26 103:11	124:10 132:41	11:12 36:3 38:21
finally 16:25 41:34	20:24 25:3 37:4	104:35 112:13	133:2 135:20	46:37 52:1 70:8
44:11 57:2 86:1	45:31,40 46:27	114:12 116:4,23	136:6,25,37	78:35 84:41
86:15,32 87:19	52:22 57:22,23	119:45 122:37	137:42 138:22,24	145:21 148:20
89:20 147:7	58:32 59:11,26	129:22 137:40	138:44 139:12,47	149:43
financial 80:30	63:30 76:45 78:45	138:32 141:47	140:6,10,41,46	five-year 20:27
find 30:3 33:38	79:37,38 81:40,42	149:6,13 155:45	141:20,33,43	36:3,7
39:40 40:32 59:18	84:12 86:8 87:10	156:20 157:16	142:5 146:24,31	fixed 152:3
62:14 68:22 77:20	87:11 88:33,38	fisherman 7:7,13	146:34,47 147:15	flag 42:31 47:27,29
78:3,15 79:31	89:5 90:8,35	8:28 58:17,34	147:16,38 149:8	163:37
80:26,37 94:18	91:33 93:23,34,35	59:40 65:9 76:44	149:17,23,29,33	flagged 23:29
99:42 101:7	93:36,45 94:17,19	141:2	150:7,13 153:20	flagging 145:6

flat 113:9 126:6 142:21	110:13 147:27,27	fork 13:8	134:22 141:28	funding 18:43
flavor 133:42	focused 39:7 65:33 164:19	form 52:19 74:38 96:37	framework 92:45	71:32,33 72:12,15
fleet 48:31 117:44 125:43 132:6 134:14,16 135:16 135:27 138:6 144:10 147:24,26 148:19,22 152:45 154:39 155:4,18 160:28,48 162:28 162:36	focuses 43:18	formal 115:34	Frank 50:1,38 60:46	72:20,25 73:11,12 79:11 104:30
fleets 160:29	focusing 9:23 41:7 46:11 65:25	formally 92:24	frankly 17:36 73:40 74:22 75:45 97:18	funds 73:27 80:14 80:15 81:12
flexibility 107:23 107:40 115:48 119:2 120:19,38 120:40 124:2 130:2,12,38 139:29 140:3,19 140:30,35 148:38 149:2,33 151:39	folded 16:34	format 16:35	free 9:36 16:46 71:26 120:19,27 148:34	funny 116:5
flexible 87:25	folks 5:6 8:47 9:5 9:29 25:15 27:10 68:3,4 69:38 95:45 96:1 100:34 105:9 110:28 111:3,35 113:29 114:7 117:7,17 126:12 127:40 131:10 138:17 158:16 163:44,44	formed 13:33	frees 50:36	further 48:12 55:47 73:5 86:40 87:31 88:10 98:23 114:19
flip 21:13	follow 5:31 72:3	forthcoming 143:16	Friday 22:31	future 14:30 15:16 29:38 31:1 44:21 47:14 112:6 127:25
floated 117:38 141:40	followed 34:8,17	forum 56:12 82:27	friendly 54:1	FWC 106:15
floor 6:32 92:22	following 20:13 29:34 123:7	forward 10:30,38 15:17 20:3,21 34:37 35:28 50:44 69:33 82:7 83:20 86:22 92:3 98:2 99:6,40 111:26,43 117:25 119:35 122:33 124:39 126:46 129:48 137:10,42 138:29 139:38,41 142:44 144:39 145:29 147:4,11,42 152:37 155:46	friends 18:39 154:8	FY13 13:44
Florida 2:13 7:7,47 8:33 37:8 41:33 41:35 58:18,30 84:44 85:2,5,7,21 85:22,43 87:26,29 87:31,37,41,45 88:4,16,33 90:20 90:36,42 93:46 94:40 95:6,27 96:8,13,15,25,44 97:22 98:41 100:12 103:45 106:30 128:37 162:4	follow-up 23:37 28:20 47:33	for-hire 10:9 61:8 61:43 84:14 90:10 91:41 92:9 98:37	frightening 149:35	
Florida-Georgia 85:17	food 79:29	fought 72:43	front 109:7 116:25 122:39 123:20,32 135:44 136:4 140:7 162:35	G
fluctuations 25:15	footage 137:35	found 32:21,22 33:10 56:21 58:23 59:23 64:24 81:24	frustrated 59:31	gain 128:21 137:26
FMP 82:47 91:10 112:18 113:23,24	forage 78:28 79:27 79:35,37,38	foundation 7:45 130:29	frustrating 38:16	Galilee 108:10
focus 40:48 44:16 44:17 64:48	forbid 104:24	four 9:38 31:11 84:48 108:2 121:33 140:27,36 140:39 145:21	frustration 62:38	game 7:15 119:21 132:12
	forced 160:38 161:7	four-day 5:21	fuel 93:37	games 75:5
	Fordham 1:30 8:9 8:9 37:32,32 40:22,22 49:10,11 49:29	foyer 72:8	full 5:20 9:25 19:37 49:4 56:21 60:8 61:9 70:1,3 71:15 71:25 94:5 102:21 122:24 123:48 133:30 137:24 152:43 153:2 160:32 162:12 163:48	gap 14:10 121:23 135:34
	forefront 119:13	frame 32:9 45:39 112:40 125:16,28 126:42,45 134:19	fully 10:5 15:25 17:15 21:22 62:37 86:8,29 103:26 111:3 118:28 123:26 126:19,30 139:42 140:10 142:17 144:1	gate 126:41
	forego 72:39		function 103:11	gather 110:4
	foregoing 40:44		functions 48:20	gathers 27:30
	foreign 31:5 42:27 44:33 49:31		fund 8:3 71:41 80:9 147:34	gauntlet 159:23
	foreigners 35:14		fundamental 142:48	gear 42:12 43:5,15 47:9 49:21,22 51:44 52:25,26,28 60:7,44 61:18 62:15 86:17 87:14 87:19,21,22,22 90:5 92:1 93:48 94:1,2,3,3,5,6,10 94:26,27 103:4,47 104:25,47 105:3,5 105:12 108:19 116:36 117:26 124:30,33 125:4 125:10,25 127:23 127:34,46,47 128:24 129:15,23 129:27 130:1

131:9,14,19	Gerencer 1:31 8:35	150:43	142:20 143:43	152:14,24 153:10
132:39 138:19	8:35 26:42,42	Glen 156:14,17	152:36	153:18,19 154:46
142:19 163:11	27:2 101:30,33,33	158:22	going 5:37 9:11,33	155:13,14,24,45
gears 83:41 86:9	102:40 103:13	global 32:42,44,47	11:29 12:33 17:5	156:13 157:11,15
90:2,10 105:4,7	Gerry 7:8 39:13	33:8,10,12 39:10	20:36 21:12,24,25	157:24,39 158:16
124:18,26 139:25	45:24 47:47	Gloeckner 27:14	28:10 32:36 33:31	158:40,44 159:19
139:26 142:34	getting 26:22 49:3	Gloucester 19:41	33:46 34:36 35:13	160:3 161:26,30
163:24	72:15 73:4 81:32	50:34 74:23	35:35 36:44 37:11	162:4,12 163:41
general 7:12 10:23	99:36 114:35	go 5:6,24 6:44 9:33	39:4 40:2 41:2	Golet 1:32 7:17,17
12:20 29:8 34:32	118:8 120:43	18:19 28:10 30:12	44:12,21 49:39	good 5:3,11,15 6:48
39:40 49:45 50:14	127:20 128:42	33:31 35:20 47:7	55:45 57:35 60:27	12:8 16:8,14
50:31 54:12 63:14	132:26 142:9	60:41 62:24 64:37	61:15 62:33 63:6	18:26 21:15 28:14
64:32 65:17 85:34	144:44 154:19	65:45 69:25,40	63:40,46 64:10	29:39 40:35 41:5
85:36 89:33,48	159:39 161:39	71:44 72:19 73:31	68:19 70:23,33,44	45:22,23 47:41
90:3 91:30,32	giant 141:3	78:46 80:37 84:38	71:5,24 72:5,20	48:4 49:8,35
92:6,20 93:8	giants 124:12	92:17 93:18,22	73:12,17,34 74:26	50:30 53:19 54:35
96:15,41 98:18	149:32	97:9,40 100:14,18	75:19 77:29 79:44	58:1 60:1 62:36
100:11,45 108:37	gillnet 43:5	100:24 107:30	79:46 80:2,40	63:19,24 68:29,38
113:6 118:12,27	girl 9:12,13	109:16,26 111:5	81:39,41 82:45,48	69:1,6 70:27
121:33 128:2	give 9:20 16:11	111:21,33 112:10	83:12,18 90:23,29	78:22 79:45 82:43
138:36,45 139:29	21:18,24 30:5,7	114:38 118:23,46	93:25,28,29,36	97:8 100:11
140:10 144:39	30:36 40:32 43:16	121:31,47 122:10	94:18,38 95:16	104:40 106:35
146:31,36 147:33	45:11 51:8 57:36	122:40 124:39	96:9,12,17,30,33	108:10 110:1
148:45 149:23,25	72:13,21 73:34,38	127:27 128:7	96:39 97:1,4,7,32	111:24,26,27
149:26,28,40,44	82:25 122:25	130:19 131:11,14	98:7,25,27 99:6,9	137:39 143:31
151:39 158:27,30	127:38 128:10	131:45 132:20	99:44,45 100:2,21	144:27 146:16
158:46 159:14,32	133:42 145:10,18	142:16 143:35,37	100:33 101:14,18	150:16 152:29
160:34 162:20	145:19 150:11,14	144:14 147:34	101:20,22,23	155:12 159:9,36
generally 54:30,31	158:3 163:32	148:7 149:39	102:7,10,24,31	159:43 161:11
54:46 56:7 71:26	given 20:22 23:18	150:19,23,27,27	103:14,14 104:4	gotten 12:8 18:2
81:33	40:25 48:34 54:37	150:29 151:2,3	104:13,27,32	70:30 111:15
Generals 78:6	71:15 76:4 83:42	152:1 153:12	105:16,30 106:12	govern 53:41
generate 86:12	102:18 103:13	155:27 156:14	106:13,15 107:9	government 9:16
generated 122:18	107:22 113:14,31	157:42 158:22	107:10 109:15,37	45:34 50:11,21
genetic 35:44 36:11	116:1,27 122:33	159:13,22,47	111:18 112:17	76:16
36:18,42 37:10,15	123:29,38 124:40	160:26 162:20	113:12 114:30	grant 9:18 43:11
genetically 36:12	128:23,30,40	163:7 164:8	118:21 119:23	128:15,30
gentleman 153:44	135:1 137:11	goal 109:20 110:38	121:44 122:37	granted 12:23
163:25	140:21,40 143:11	155:16	123:15 129:28	24:40 127:24
geographic 125:28	150:18 156:9	goals 16:2 76:1,2	130:21 131:32	128:32 149:18
131:19 133:14	158:41 161:1	107:6,40	135:31,32 137:37	graph 122:1,48
141:17 143:29	gives 22:23	God 104:24	143:7 144:29	grappling 110:30
geographically	giving 59:44	goes 22:47 34:37	145:16,39 146:8	grasp 127:5
56:15	111:45 148:1,4	37:38 51:40 58:22	147:31,33,34,41	Graves 2:9 8:13,13
George's 108:15	150:20	58:32 64:5 74:3	148:27,28,29,45	8:20
Georgia 1:19	glad 5:17 35:25	79:15 80:47	149:21,39 150:33	gravity 20:22
GERALD 1:38	36:23 107:16	102:21 104:15	151:2,37 152:6,7	gray 113:9

great 3:20 24:43 31:16 32:39,41,48 33:4 36:23,28 41:42 42:19 44:27 102:8 138:47 142:15 145:3	88:35 grueling 78:36 guarantee 70:32 Guard 5:33 41:2,6 41:19 42:39 43:24 43:31,38,44 44:10 44:12 45:15 46:21 47:38 48:27 50:15 50:25 51:4 52:33 60:23 62:29 64:21 Guard's 44:20 46:5 guess 26:8 34:16 35:41 37:5,15 39:35,42 45:25,33 45:40 57:4 60:25 61:19 71:31 72:48 74:2 93:23 99:42 103:24 104:3,21 105:14 107:9,37 149:4	161:10,45 <hr/> H <hr/> habitat 32:10,37,38 79:39 88:29 hailing 163:19 half 69:24 71:25 101:44,46 102:1,4 102:6,8,9 115:6 135:6,11,44 145:23 157:25,36 160:44 halted 42:41 hammer 125:46 hammerhead 3:20 30:37 31:12,16 32:13,22,39,41,48 33:4 35:27,31 36:22,28,30 37:18 65:5 hammerheads 11:24 13:20 36:5 37:19,42 hand 5:14 27:31 86:16 87:14,19,22 105:4,7 119:39 124:36 145:20 147:8 157:18,47 handful 145:24 handier 138:33 handle 63:40 99:13 136:13 handled 22:32 54:18 76:19 120:48 handline 90:4,12 handling 9:45 50:2 50:36 52:29 76:14 76:24 159:43 handout 10:17 hands 145:13 hang 64:34 90:21 happen 28:33 38:35 69:19,42,43 69:45 73:8 74:10 95:27 96:39 97:5 100:12 103:14	128:26,28 134:41 157:29 159:30 happened 9:27 95:47 113:39 127:18 137:30 153:39 159:6 happening 41:46 44:44 50:17,19 56:9 59:37 63:43 95:17 96:1,8 102:18 130:24 136:31 162:6 happens 37:46 54:35 59:42 99:16 100:37 101:28 120:26 125:44 141:8 happy 17:12 44:25 55:25,44 61:27 hard 6:13 11:5 26:39 33:29 43:28 73:37 75:23 107:8 112:14 129:38 135:37,37 140:27 140:35 146:24 157:34 158:38 harder 81:32 hardest 34:26 154:16 harpoon 7:21 12:20 90:4 91:31 108:3,17 118:13 121:33 138:35 140:23 harpooner 78:25 harshly 57:18 harvest 83:40 91:15 123:4 139:39 harvested 79:37 114:5 141:27 harvesting 86:27 115:46 hate 103:17 hats 59:17 Hatteras 7:37,39 39:28 117:27	149:24 159:23 163:13 Hayes 35:33 head 30:6 39:20 60:47 69:14,16 75:43 99:37 Headboat 84:12 90:7,11 91:26,40 92:8 98:37 105:2 105:23,34 Headboats 94:45 headed 69:14 heading 14:12 headings 52:10 Headquarters 21:18 43:32 63:39 63:44,48 heads 65:19 healthy 10:41 hear 5:4,33 16:38 30:29 34:36 53:28 59:37 62:7 63:34 70:19,20 71:20 90:25 97:19 98:47 103:30,36 104:33 107:48 108:47 111:27 139:33 142:7 145:37 157:39 158:16 160:21 163:34 heard 19:40 53:29 56:25 57:28,32 61:28 81:1 104:38 107:39 108:13 109:42 117:37 119:4 127:36 132:18 136:44 138:9 139:45 140:22,42,44 142:6 143:17 152:7 156:24,34 157:12 163:24 164:9 hearing 19:41 28:36 69:18 74:24 90:22 97:20,45 107:43 111:6
--	---	---	---	--

118:27 153:9 157:20 hearings 83:32 85:33 99:4 111:46 112:5 143:20,23 152:38 153:8 heart 150:44 heck 46:40 held 69:23 83:32 91:24,29 hello 63:36 155:38 help 20:32,35 27:5 38:24 42:19 47:38 49:5 55:43 79:31 106:3 109:4 121:46 137:45 159:10 helpful 38:33 47:14 47:45 54:42 60:4 70:15 157:10 helping 27:23 39:22 55:37 109:38 helps 24:46 Hemilright 2:23 26:1,2,7,14,18,36 58:3 60:10 108:31 108:32 Hemilwright 8:25 8:26 herring 19:32 78:29,33 79:42,43 80:8 81:27,44 hey 25:1 63:1 92:46 he'll 96:13 Hi 30:33 49:44 60:20 78:24 hidden 56:22 high 11:36 45:6 47:5 48:18,24,32 48:32 50:29 58:21 59:5 88:35 103:34 105:36 125:40 132:15 134:32,37 134:39 151:9,11 151:11,27,32,32 159:33,41	higher 72:37 85:46 89:18 104:20 129:4 131:16 151:30 159:37 highest 48:17 68:39 68:40 146:30 highlight 13:40 48:45 54:2 highlighted 53:48 71:7 highly 1:5 2:31 20:23,24 38:46 41:38 60:38 111:23 149:42 high-level 9:31,37 44:43 hill 72:43 82:6 hinder 161:48 historic 130:8 historical 42:32 74:16 historically 17:33 71:14 108:8 138:42 history 112:8 146:18,20 hit 16:12 72:28,35 131:5 143:6 hits 73:6 HMS 3:12,14,32 4:1,4,9,17,23 6:17 10:1,9 13:28,37 15:42 17:6,6,20 17:28,34 18:13,43 21:17,28,30,42 22:1,12 23:12 24:23 25:6 26:27 29:26 35:47 36:46 42:23 43:18,22 46:13,14 48:6 49:7 50:3 51:2,9 51:13,15 53:19 55:12,26,45 60:23 61:46 62:42 63:40 64:9,19,26 65:9 65:12,27,29,37 66:3 68:14,28	69:48 70:7 74:3 74:18 76:25 78:27 79:26 82:44,47 83:22 90:7 91:25 91:33 92:7,18 93:47 95:12,35 96:11,42 104:6 110:11 112:12 134:5 138:38 145:25 146:37 HMS-only 21:48 Hogarth 149:15 hold 30:17 47:9 71:43 74:4 152:24 holder 108:47 holders 72:10 85:37,40 90:7 130:3,14 138:47 139:1 148:30 149:27,29 home 39:29 75:7,7 142:32 158:14 homogenized 124:12 honest 16:2 70:19 81:7 honestly 37:13 93:47 94:15 95:1 106:11 107:15 hooks 42:10,15 58:4,5 60:11 hope 9:13 12:30 68:18 71:36 72:14 72:21 73:21,30,39 154:29 158:1 hoped 147:27 hopeful 69:18 73:9 73:17,18 80:27,34 80:36 hopefully 5:4,5 40:42 45:19 65:35 68:16 70:42 83:18 91:22 114:19,35 hopes 152:25 hoping 16:1,23 54:38 55:21 111:14	horizon 133:36 horribly 109:36 horsepower 46:47 hot 33:35 125:23 151:11 159:4,21 hotel 1:19 6:33,35 hotline 64:41 65:14 hotspot 38:17 hours 6:37 41:22 41:47 48:8,15,28 48:34,37 137:13 house 72:47 73:4 78:10 how's 98:27 Hudson 1:33 8:29 8:29 29:41,41 30:10 35:21,21 36:13 37:5 60:19 60:19,29 61:2,30 Hueter 1:34 8:11 8:11 18:29,30 19:6 34:30 44:29 44:29,47 45:2,6,9 55:32,32 Hueter's 47:33 hugely 71:13 101:14 human 142:8,21,26 Humane 12:12 humor 117:18 hunch 145:8 hundreds 68:33 79:2 hurdles 38:4 hurt 159:11	123:29 149:9 158:2,6 161:17 ice 101:16 ID 23:12 24:19 25:27 43:11 idea 40:26,29 43:16 48:3 61:31 104:8 106:36 154:27 163:43 ideal 29:26 ideas 6:4 18:8 Identification 9:47 identified 23:24 42:4 43:21 identify 23:35 24:46 25:4 31:46 43:10 52:8 110:20 ideology 74:46 IFQs 154:6 IGFA 8:19 ignore 160:30 II 13:13,14 160:17 III 19:21 illegal 25:3 42:10 43:36 49:17 54:22 63:15 65:1 illegally 64:43 illegible 55:20 Illinois 78:9,10 illustrated 8:37 imagine 78:36 immediate 104:40 immediately 59:22 148:36 immense 136:41 impact 19:27,27 24:30 42:23 48:21 78:32 87:17 130:7 130:9 156:2 impacted 127:33 impacting 43:28 impacts 87:5 125:32,47 implement 16:9 32:5 82:46 83:18 153:24 implementation
--	---	---	--	--

13:25 15:25 86:44 89:12 97:9 103:1 103:12 107:18 152:42,43 153:3 153:15,25 implemented 21:23 29:3 83:36 86:47 89:38 90:14 92:35 118:4 163:14 implementing 89:5 99:31 implications 15:5 39:13 40:7 122:2 122:9,12 123:41 124:41,45,47 128:6 133:5 136:16,37 142:23 144:13 153:23 156:34 importance 71:7 136:18 important 5:21 6:27 13:46 24:21 38:29 39:2,16,32 56:1 62:44 71:13 79:34,41 82:18,21 88:10,28 90:25 94:14 105:48 144:35 imports 13:15 impose 81:29 imposing 74:45 impressed 154:2,14 impresses 68:21 impression 159:25 improper 52:19 improperly 52:26 improve 21:38,41 24:34 27:25 158:9 improved 24:10 86:43 improvement 49:4 158:12 improvements 28:13 improving 15:23 116:33	inactive 113:48 122:32,46 inactivity 120:12 inadequate 147:20 INAPESCA 55:41 incentives 117:34 129:44 157:21 inches 60:15 incident 58:35 incidental 87:12,23 93:31 100:19 101:41 102:2,14 102:47 103:2,3,6 103:10 108:46 113:36 115:22 116:15 117:43 118:34 120:32 131:30 141:21,35 155:48 incidents 56:10 inclined 74:34 include 21:47 23:42 30:40 43:17 53:42 73:3 105:3 114:16 132:24 included 17:31 22:20 29:26 30:24 36:12 42:9 45:21 52:25 85:12,25 103:3 104:43,47 142:3 includes 31:11,15 36:15 37:8 52:48 53:20,26,32 including 9:39 16:4 17:37 22:26 24:9 29:16 41:33 52:31 53:5 55:12,38 83:47 88:33 90:4 91:48 97:18 106:47 157:46 inclusive 113:35 130:16 133:3,4 134:5,9 inclusiveness 115:12 income 156:2,3	inconsistencies 150:24 incorporated 146:44 incorrect 42:15,16 increase 11:7 21:37 43:9 71:11 81:22 86:16 88:27 92:42 102:36 103:10 107:20 109:29,31 122:22 123:10 130:39 137:7 138:14 140:19,24 increased 28:28 83:43 102:48 104:22 increases 11:8 increasing 12:19 14:46,48 42:46 49:28 108:48 113:17 117:33,40 incredibly 74:15 incur 129:18 137:18 incurred 56:11 incurring 125:47 incursions 42:27 43:36 47:16,30 indefinite 73:44 indefinitely 70:38 independent 55:37 indicate 92:25 indicated 64:29 77:44,46 86:7,26 86:37,41 88:48 95:48 104:42 145:31 indicates 106:27 indicating 87:24 88:34 97:22 151:11,27 indication 148:38 indirect 93:26,27 146:31 individual 15:6,11 57:36,37 94:5 112:20 113:41	114:32 117:36,41 117:48 125:20 127:5 129:34 130:42,44 131:47 132:36 133:12 134:29,34 135:29 135:29,47,48 136:42,46 144:10 157:37 individually 78:1 individuals 126:8 134:36 135:23 139:17 142:9 individual's 130:8 industrial 147:23 industries 118:6 161:24 industry 18:40 57:1 64:10 68:30 79:10,10 80:7,9 80:10,10,12 81:11 81:12,37 82:2 118:6 132:46 137:18 144:38 161:43 162:31,32 163:2 inequitable 147:39 influences 70:21 informal 50:19 information 21:39 22:14 23:44 24:7 24:11,20,24 25:30 27:29 28:3 31:25 31:31 33:12 43:15 44:20,22 45:20 52:39 53:9,12,46 56:32,38 66:8 89:16,30 91:3 107:12 112:8 114:44 116:30,34 122:17 125:35,37 126:37 128:19,34 129:6,10 134:1 136:33 137:28,34 137:47 138:23,27 138:37 139:9 145:16	informative 104:33 145:4 informed 16:4,5,6 informing 39:19 126:25 infraction 51:22,28 57:9 infractions 51:45 infrastructure 46:41 initial 20:41 53:26 88:15,37,43 89:6 89:8,12 110:23 125:12,22 133:43 154:17 initially 100:26 145:31 initiated 10:8 initiatives 18:10 innovative 157:32 input 9:41 13:31 14:45 70:15 92:26 92:28 107:28 111:35 inside 114:29 inspection 64:22 instance 28:18 106:4 instances 27:28 instantly 119:41 instill 116:35 120:37,39 132:40 Institute 7:19 8:14 13:44 69:31 instructive 101:37 insulate 100:26 insulation 100:19 Intelligence 43:39 intend 17:40 32:10 145:19 intended 55:16 72:11 82:24 118:8 intensified 50:23 50:23 intensive 10:6 intent 78:13 142:27 intention 163:39
---	---	--	--	--

interact 162:5	55:17 72:7 112:42	108:11	27:9	141:48 149:3,45
interacted 131:18 134:12	115:10,43 116:41 119:29 138:18 142:41 149:9	islands 42:3 75:34 108:11	James 1:35 7:14,14 45:23,25,47 46:15 74:37 76:7	jurisdiction 31:4 34:44 35:8 45:35 74:43
interacting 126:12 127:9 155:10 157:27 162:18	internationally 133:7	isolated 56:10	January 5:19 9:23 9:39,42 10:35 11:20 21:27 30:11 45:39 70:2 73:6 94:42 141:27 149:3 151:46 152:43 153:1,41	jurisdictions 76:40 78:8
interaction 124:28 127:29 160:25	interoperate 74:42	isolation 117:13	Japanese 47:29	Justice 37:25 43:47 50:25 54:16 77:39
interactions 20:12 113:17 114:48 115:27 116:15,20 117:30 125:24,25 125:30,40 126:7 129:2,3,3,42,44 131:30,39 136:9 137:5 139:21 141:22,35 151:14 151:14,21 157:22 157:35	interplay 117:11 143:12	issue 34:36 44:23 50:12,27 57:26 62:12,45 65:17 75:34 77:31,42 78:13 81:45 88:32 97:6,31 106:42 148:18 163:26	Jeff 1:41 7:35 56:44,45 61:20,28 62:7 63:9,11 101:31 105:9 108:43,45 109:11 153:43	justifications 148:11
Interagency 42:19 50:24	interpret 77:14 78:4,18	issued 10:10 50:45 53:14,27,44 54:20 64:16 77:42 91:30 91:32,37,39 95:42 96:3	Jekyll 87:44	juvenile 88:29 104:13,18,20 162:8
interbreed 30:42	interpretation 75:8	issues 5:21 10:1 14:38,42 18:14 19:18,45 20:22 22:28,34,37 23:4 41:19 48:22 54:40 55:17 56:23 62:20 62:44 63:40 64:47 74:44 79:11,12 82:22 96:29 98:9 107:26 110:29 111:40 114:21,39 118:13 120:20,32 126:2 129:12 133:27 135:34 157:45	Jenkins 1:36 7:28 7:28	j-hooks 52:26 58:7 60:6,8,12
interceptions 42:38	interstate 77:28	issued 10:10 50:45 53:14,27,44 54:20 64:16 77:42 91:30 91:32,37,39 95:42 96:3	Jersey 8:22 41:31 64:15 65:22 141:9	
interdicted 43:24	interval 110:15	issues 5:21 10:1 14:38,42 18:14 19:18,45 20:22 22:28,34,37 23:4 41:19 48:22 54:40 55:17 56:23 62:20 62:44 63:40 64:47 74:44 79:11,12 82:22 96:29 98:9 107:26 110:29 111:40 114:21,39 118:13 120:20,32 126:2 129:12 133:27 135:34 157:45	job 71:9 93:47 107:5,38 118:8 149:16	<hr/> K <hr/>
interdictions 42:40	inter-related 14:43	issues 5:21 10:1 14:38,42 18:14 19:18,45 20:22 22:28,34,37 23:4 41:19 48:22 54:40 55:17 56:23 62:20 62:44 63:40 64:47 74:44 79:11,12 82:22 96:29 98:9 107:26 110:29 111:40 114:21,39 118:13 120:20,32 126:2 129:12 133:27 135:34 157:45	jobs 68:36,37 71:12	karma 150:38
interest 6:2 42:21 66:13 68:13 104:31	introduce 5:40 8:38 18:27 26:40 34:3 49:41 155:31 158:23 163:7	issues 5:21 10:1 14:38,42 18:14 19:18,45 20:22 22:28,34,37 23:4 41:19 48:22 54:40 55:17 56:23 62:20 62:44 63:40 64:47 74:44 79:11,12 82:22 96:29 98:9 107:26 110:29 111:40 114:21,39 118:13 120:20,32 126:2 129:12 133:27 135:34 157:45	John 2:9 4:5 8:13 8:20 60:26 63:34 63:37 64:37 65:43 66:20 71:42	Karyl 37:35
interested 23:47 26:35 27:20 43:4 43:6,19 55:22 66:16 110:9 144:38 152:22	investigate 59:35 65:9	issues 5:21 10:1 14:38,42 18:14 19:18,45 20:22 22:28,34,37 23:4 41:19 48:22 54:40 55:17 56:23 62:20 62:44 63:40 64:47 74:44 79:11,12 82:22 96:29 98:9 107:26 110:29 111:40 114:21,39 118:13 120:20,32 126:2 129:12 133:27 135:34 157:45	John's 64:37	Kathryn 69:15
interesting 16:41 108:47	investigating 15:35	issues 5:21 10:1 14:38,42 18:14 19:18,45 20:22 22:28,34,37 23:4 41:19 48:22 54:40 55:17 56:23 62:20 62:44 63:40 64:47 74:44 79:11,12 82:22 96:29 98:9 107:26 110:29 111:40 114:21,39 118:13 120:20,32 126:2 129:12 133:27 135:34 157:45	John's 64:37	Katie 3:33 5:33 41:2,4,6 44:28,30 45:46,48 46:35 49:36 50:9,23
interests 6:22	investigations 65:37,40	issues 5:21 10:1 14:38,42 18:14 19:18,45 20:22 22:28,34,37 23:4 41:19 48:22 54:40 55:17 56:23 62:20 62:44 63:40 64:47 74:44 79:11,12 82:22 96:29 98:9 107:26 110:29 111:40 114:21,39 118:13 120:20,32 126:2 129:12 133:27 135:34 157:45	John's 64:37	keep 11:29 14:1 15:45 85:14 119:18 124:14 129:30 130:20,23 132:17 140:33 141:2 154:34 157:16
interfering 75:15	investigation's 64:44	issues 5:21 10:1 14:38,42 18:14 19:18,45 20:22 22:28,34,37 23:4 41:19 48:22 54:40 55:17 56:23 62:20 62:44 63:40 64:47 74:44 79:11,12 82:22 96:29 98:9 107:26 110:29 111:40 114:21,39 118:13 120:20,32 126:2 129:12 133:27 135:34 157:45	John's 64:37	keeping 11:31 42:31 65:13 109:36 119:12
internal 12:2 13:33 17:27,38 35:30 81:35 88:31 110:32 111:33	invitation 16:44	issues 5:21 10:1 14:38,42 18:14 19:18,45 20:22 22:28,34,37 23:4 41:19 48:22 54:40 55:17 56:23 62:20 62:44 63:40 64:47 74:44 79:11,12 82:22 96:29 98:9 107:26 110:29 111:40 114:21,39 118:13 120:20,32 126:2 129:12 133:27 135:34 157:45	John's 64:37	Ken 8:16 107:35
internally 13:30 75:36	involved 19:18,35 38:4,15 44:48 58:16 132:14	issues 5:21 10:1 14:38,42 18:14 19:18,45 20:22 22:28,34,37 23:4 41:19 48:22 54:40 55:17 56:23 62:20 62:44 63:40 64:47 74:44 79:11,12 82:22 96:29 98:9 107:26 110:29 111:40 114:21,39 118:13 120:20,32 126:2 129:12 133:27 135:34 157:45	John's 64:37	Kennedy 1:40 2:17 8:4,4 107:34,34
international 6:16 8:10 12:39 24:38 34:47 35:13 37:33 44:16 49:11 50:5	involves 52:21	issues 5:21 10:1 14:38,42 18:14 19:18,45 20:22 22:28,34,37 23:4 41:19 48:22 54:40 55:17 56:23 62:20 62:44 63:40 64:47 74:44 79:11,12 82:22 96:29 98:9 107:26 110:29 111:40 114:21,39 118:13 120:20,32 126:2 129:12 133:27 135:34 157:45	John's 64:37	kept 127:10
	involving 51:45,47 52:1,1,3 156:20	issues 5:21 10:1 14:38,42 18:14 19:18,45 20:22 22:28,34,37 23:4 41:19 48:22 54:40 55:17 56:23 62:20 62:44 63:40 64:47 74:44 79:11,12 82:22 96:29 98:9 107:26 110:29 111:40 114:21,39 118:13 120:20,32 126:2 129:12 133:27 135:34 157:45	John's 64:37	Kerstetter 1:37 6:48 7:1 16:48 17:3,10,17 18:9 18:17 93:14 101:30 103:37,38 103:39
	in-house 24:42	issues 5:21 10:1 14:38,42 18:14 19:18,45 20:22 22:28,34,37 23:4 41:19 48:22 54:40 55:17 56:23 62:20 62:44 63:40 64:47 74:44 79:11,12 82:22 96:29 98:9 107:26 110:29 111:40 114:21,39 118:13 120:20,32 126:2 129:12 133:27 135:34 157:45	John's 64:37	Kerstetter's 18:31 94:8
	in-season 10:22 84:25,32 88:41 89:43 100:29 118:47 120:28,30 140:17	issues 5:21 10:1 14:38,42 18:14 19:18,45 20:22 22:28,34,37 23:4 41:19 48:22 54:40 55:17 56:23 62:20 62:44 63:40 64:47 74:44 79:11,12 82:22 96:29 98:9 107:26 110:29 111:40 114:21,39 118:13 120:20,32 126:2 129:12 133:27 135:34 157:45	John's 64:37	key 6:43 85:8,17
	in-seasonal 91:11	issues 5:21 10:1 14:38,42 18:14 19:18,45 20:22 22:28,34,37 23:4 41:19 48:22 54:40 55:17 56:23 62:20 62:44 63:40 64:47 74:44 79:11,12 82:22 96:29 98:9 107:26 110:29 111:40 114:21,39 118:13 120:20,32 126:2 129:12 133:27 135:34 157:45	John's 64:37	
	Island 7:24 87:45	issues 5:21 10:1 14:38,42 18:14 19:18,45 20:22 22:28,34,37 23:4 41:19 48:22 54:40 55:17 56:23 62:20 62:44 63:40 64:47 74:44 79:11,12 82:22 96:29 98:9 107:26 110:29 111:40 114:21,39 118:13 120:20,32 126:2 129:12 133:27 135:34 157:45	Jackie 9:9 21:44	

98:9,12,16,17,19	141:17 142:48	78:9,30,38,42	135:41,42,43,44	lack 18:46 59:9,31
98:23,28,28,29,38	143:2,5,6,7	79:1,6,7,8,9,13,18	135:48 136:1,6,7	59:39 72:12
98:43 106:10,12	144:29,42 146:44	79:24 80:25,34,35	136:8,28,35,39,46	104:31 115:13
106:14,23 111:34	147:44 154:3,11	80:43,44,48 81:1	137:2,13,19,21,29	118:41
119:11	158:31	81:6 82:16,24	137:35,36,42,45	lancha 43:35,38
Keys 37:8	kinds 18:24 54:30	92:33 93:9,34	137:46,48 138:1,7	46:45 50:11
kick 110:23	56:22 80:20	95:9,33,46 96:18	138:9,16,23,29,35	lanchas 43:24
kicking 17:19	kinks 101:28	96:28,29 98:8,9	138:46,47 139:2,3	49:34
kids 119:20	kit 60:38	98:27 99:3,9,11	139:20,26,39,41	land 63:29 91:5
kind 5:46 6:31 9:32	kitchen 14:42	99:12,20,26,28,34	140:1,6,7,14,31	98:38,43 103:26
11:31,35 12:21	kits 60:32 61:10	99:35,42,43,44,44	141:20 142:2,37	106:13 107:10
14:41 15:18 18:2	Kline 163:9,9	99:47 100:2,5,15	143:1,4,7,19,26	109:38 115:21
18:24,42 21:24	knew 100:1 109:27	100:17,20,21,23	143:30,33,36,44	landable 160:45
22:15 27:32 28:39	know 5:10 6:27	100:28,30,34,40	144:7,8,17,19,23	landed 45:32 46:27
36:34 37:6 38:6	9:14,25,45 12:1	100:41 101:3,9,9	144:24,25,28,30	76:34,37 100:21
39:10,29 40:28	16:13,14,15,26	101:12,13,16,18	144:35,38,42,45	106:7 113:45
45:6,28 46:38	17:30,37,48 18:14	101:21,27 103:16	144:48 148:21,31	133:18 134:40
47:8 52:7,44 53:8	18:43 19:30 20:7	103:18,20 104:5	150:11,24,30,31	139:19 141:38
53:48 54:6 55:26	20:24,25,42 21:43	105:13,15,29	150:39 152:19,22	landing 46:28 65:5
58:37 59:5,8,17	22:16,17,35,37	106:25 107:2	153:28,33,35	65:18 68:39 76:45
59:32,41 69:47	23:10 24:40,44,48	108:48 109:3,4,9	154:16,28,45,46	91:17 92:1 97:6
74:7 79:12 80:23	25:1,1,10,29,31	109:30 110:7	155:9,11 156:19	109:19,22 114:13
80:29 81:19,21,36	25:37,46 26:22,44	111:27,31,34,39	157:11,20,24,30	126:9 134:5
85:14 96:34 98:24	27:14,18,20 28:3	111:48 112:2	157:33,41 158:18	139:20 154:40
107:16 110:30,40	28:29,36,39 29:2	113:12,45,45	158:28 159:29	155:3 162:23
111:3,25 112:9	29:5,24 30:3	114:2,10,13,37,41	160:19,20,24,27	landings 11:33
113:4,6,8,9,11,39	33:30 34:11,23,39	115:1,34,39,40,42	160:46,47 161:9,9	12:36 24:28 86:42
113:43 114:17,20	35:9,12 36:21,25	116:24,25,43	161:46 162:10,28	89:27,36,40,41,43
114:22,30,39	36:33 37:7,14,29	117:8,20,22,42,46	162:42,43,44,47	91:45 102:8,47
115:33,35 116:7	38:3,19,47 39:20	118:35,39,41,44	162:48	103:34 106:19,32
116:12,24,47	39:21,37,42 40:30	119:8,37 120:37	knowing 43:44	106:32 109:28,36
117:5,7,9,12	41:12,45 43:26	120:46 121:2,4,16	96:23 121:42	112:24 113:5,8,20
118:11,26 119:43	44:38 45:17 46:12	121:17,22,32	126:29,46	113:40 114:8,11
120:4,7,41 121:6	48:23 56:8,18,29	122:12,33,37	knowledge 43:9	114:26,29 117:23
121:31,48 122:8	56:47 57:5 58:19	123:3,23,34,39,46	knowledgeable	119:27,38 120:45
122:24,28,48	58:23,41 59:4,7	124:12,44 125:23	20:10	121:23,40,43
123:33 124:18	59:14,17,28,36,40	125:34,39 126:7	known 10:41	129:37,42 131:23
125:27 126:43	59:41 61:23,25,34	126:15,33,37,41	112:35 114:17	131:40 136:5
127:14,15 128:27	61:34,39,47 62:11	126:47 127:3,38	115:12 131:21,26	lap 95:36 133:34
129:16,30 131:4	62:12,14,21,26,27	127:40 128:2,4,36	knows 9:14 39:43	LAPP 156:39
131:20 132:2,17	62:32,36 63:6,7	129:47 130:5,22	39:44 47:44 57:3	large 11:13,23,26
132:27 133:10,22	63:11,12,17,21,29	130:24,37,40,45		15:31 16:28 19:16
133:42,42 134:25	66:12,14 69:42,46	131:25,25 132:19	L	51:36 71:44 78:42
134:33,35,37,41	70:4,13,23,26,46	132:20,23,24,25	Lab 18:30 44:30	79:39 82:26 86:38
135:9,15,16,26,33	71:35 73:10,11,12	132:35 133:25,45	55:33	88:7,23 140:25,33
137:9,19 138:21	73:22 74:4,25,26	134:7,18,24,47	laboratory 8:12	141:3 146:38
139:8 140:37	74:33 76:28 77:20	135:5,15,19,22,24	55:38	largely 15:9 74:47

93:7	98:16 105:13,19	52:14 60:14 62:32	linkages 79:40	live 10:4 42:9,14
larger 45:38 84:48	133:17	63:1 84:19,20,23	links 33:30,37	52:27,27 58:12
161:39	legally 13:17 76:44	84:24,25,30,31,33	list 26:38 31:20	118:2 137:35
Lat 87:34 90:39	97:37	87:11,11,47 88:1	32:40,42 33:5,10	lived 76:5
latching 117:11	legit 101:23	88:15,19,23,37,37	33:22 51:10 93:12	living 41:21
late 23:31,35 37:35	legitimately 163:1	88:39,43,46,48	listed 13:13 31:3,48	loaded 140:7
64:7 92:13 123:28	length 9:27 13:8	89:6,8,14 90:35	35:4 36:2,4,6	lobster 98:31
158:33	43:15	94:34,48,48 97:12	37:42 38:15 40:5	lobstering 98:12
latitude 85:10	lengthy 40:28 53:3	97:23 98:46 99:31	40:6,8 44:33	local 65:10 106:3
90:47	53:8	99:46 106:29	51:17 122:4,5	locally 58:36
Laughter 73:36	lessons 132:9	108:21,28,41	listen 116:5	located 91:43
law 34:7,17 41:7,20	letter 30:28 97:21	109:20,36 129:37	listened 107:3	106:30
42:17 51:4 53:27	let's 6:46 55:29	130:48 140:25	161:7	location 141:10
53:30 54:12,27,29	64:33 92:31 93:20	limitation 139:37	listening 16:17	locations 153:7
54:36,41 60:27	94:39 98:47	limitations 123:30	107:5	lock 8:40
61:14 63:38 76:46	102:16 103:36	limited 15:5 44:6	listing 12:14 30:35	locked 94:43
76:47 77:1,3,5,9	104:17 123:3	64:45 84:4,8	30:37 31:11,25,28	123:48 142:9,23
77:15	132:43 152:1	85:39 86:33 87:6	31:31,40,44,45	log 104:41
laws 46:29 56:6	155:37	87:8,17 89:2	32:23,29 33:13,25	logbook 23:11
76:13,41 77:35,44	level 24:7 29:31	91:28 93:41,42	37:1,27,39 38:11	24:19,20 25:27
78:4,4	42:48 44:41 45:7	95:45 96:4 124:16	38:40	125:37 126:36
lawyer 47:42	45:18 47:34,35	130:3,14 133:27	listings 36:1 39:30	128:14 134:1
lawyers 37:27	50:18 54:24,31	156:27,30	39:32	138:40 151:22
39:35 43:40	69:19 74:38,44	limiting 112:43	lists 12:36	154:41
lay 38:22 52:48	76:18 95:35 96:16	limits 10:23 15:7	Listserv 10:13	logbooks 122:20
laying 38:32	112:42,43 114:26	24:35 62:13 68:44	literally 19:38	127:20 137:31
lead 5:30 13:24	116:30 120:25,25	76:36 83:47 84:17	litigate 77:48	logical 73:48 74:1
33:12 35:29 62:48	123:46 125:20,21	85:45,46,47 86:47	litigation 3:9 12:10	LogID 25:26,29,30
82:11	126:16 130:2,23	87:3 88:40 89:7	12:11	logistical 6:31
leadership 4:10	130:43 131:41	89:19 90:13,29	little 9:11 11:25	lone 36:32
5:36 13:30,33	132:27 133:21,32	91:2,42 101:7	16:43 17:1 20:26	long 5:11 6:37
leading 63:48	134:15,15,29,32	102:38 140:29	21:21,25 28:1	38:35 40:26,29
116:20 135:25	135:31,42 136:9	line 18:6 22:28	33:29 35:42 37:7	59:4 62:41 73:29
lean 137:20	136:15 137:8,47	76:27 82:40 98:15	38:30 40:1 46:44	76:35 86:17 94:30
leaning 145:29	147:19,20,25,37	98:21,23,35 113:2	48:12 50:9 53:22	107:28 109:2
Leape 1:38 7:8,8	148:3 149:17	115:21 119:21	54:4 62:25,38	110:27,31 111:44
39:14 47:48	153:11	121:7 123:5,11	63:43 68:27 71:19	115:20 136:14
learned 132:10	levels 11:35 28:29	126:43 135:7,12	76:22 87:36 97:17	144:42 145:4,43
leasing 130:13	50:29 54:11 73:3	141:8 153:42	98:23 101:21	147:5 150:26,29
132:1,8,29 154:14	124:29	155:8 160:39	104:3,8 109:5	152:8,12 157:42
leave 41:16 160:3	licensed 96:48	161:17 163:6	110:13,22 111:30	159:20
leaving 131:13	Lieutenant 41:14	lines 32:28 34:16	113:42 114:18	longer 9:15 50:36
lecture 144:43	lightning 19:29	36:47 109:7	117:1 118:23,28	71:43 73:41 94:30
left 9:16 41:13	74:7	134:18	123:44 125:4	112:33 121:19,20
69:13,24 110:46	likelihood 126:48	Linhard 2:23 8:26	142:14 144:47	148:26
147:1 159:34	127:26	link 26:27	150:43 151:18	longest 13:47
legal 76:16 77:18	limit 26:30 40:24	linkage 39:11	152:18	longline 10:25

13:45 14:32 15:35	134:45 137:42	26:24 27:10 29:11	Luckily 103:40	119:8,20 154:40
20:34 43:6 46:11	138:29,45 139:9	34:36 37:17,46	lunch 66:28,29,31	161:48
47:9 58:6 60:11	140:20,28 143:44	39:3 42:20 46:40	lure 100:41	mammals 104:11
85:6 87:22 103:5	145:39 152:5,17	47:44 50:40 52:39		man 68:13 137:13
113:32 114:8	153:40 160:43	53:9,20 55:10	M	manage 115:4
115:1 117:42	162:20	58:42 60:33 61:38	machine 29:22	116:9 120:15,40
118:34,41 121:38	looked 17:8,34	70:4,6,46 72:5,21	144:26	122:31 124:16
122:15,23 124:33	18:34 94:8 102:40	73:21,29 79:28	MAFMC 2:24	125:21 126:1
125:10,24 127:46	106:1 124:37	88:30 90:22 92:34	Maggan 49:44	132:5 145:1
130:15,16,21,31	125:35 133:46	94:13 104:26	Maggie 3:18 21:5	146:47
130:32 131:9,11	134:16,17,20	105:33,48 110:32	30:32,33 34:2	managed 36:23
131:14,43 132:6	136:43 161:9	111:2,29,32	35:22 40:36,40	69:5 106:6 135:40
132:39,41,42	looking 9:31 14:11	114:35 127:39	Maggie's 39:46	140:29 143:2
133:2 134:8,21,44	14:31 15:3 19:8	128:17 129:21	magnified 101:14	management 4:16
134:47 135:20	20:4,25,46 28:48	132:8 137:40	Magnuson 12:15	4:23 6:7,17 7:43
137:42 138:5	33:17 37:6 43:32	138:30 140:14	12:19 72:11 75:27	13:37 14:41 15:21
146:34 147:18,26	46:4,31 58:48	143:1 144:31,31	75:37,39 76:3,31	19:29,33 20:29
147:35,43 148:19	59:5 60:21 61:31	144:44 146:18,43	77:15,36 115:36	36:43 38:23,27
148:40 149:28	70:31,41 73:41,43	146:43 148:46	133:31 156:30,39	39:31 51:9 62:42
152:45 154:39	74:32 75:6,7	154:8,23 155:13	Magnuson-Stevens	69:21 74:16,18,44
155:4,18 156:19	79:21 82:7 94:24	156:5 157:11,18	74:48 75:13	75:16,38 82:33
157:23,35 158:26	104:19 105:11	157:19,21,33,39	mahi-mahi 64:25	83:16,23,47 84:29
158:33 159:19,27	106:9 111:25,43	158:5,14,15,20,35	mail 144:27	84:36 85:3,5,21
159:46,47 160:18	112:10,30 113:5	160:2	main 30:20 33:36	87:26,32,38,40
160:29,48 162:28	117:13,19,21,26	lots 17:28 108:13	110:12 161:33	88:16 89:46 90:20
162:31,36 163:2	118:18 119:48	111:2,10 152:22	Maine 7:18,18,21	90:36,43 94:41
163:11	120:7,37 123:37	loud 19:42 138:9	22:26 24:9 78:25	98:41 104:31
longliner 7:36	126:3,4,21,36,42	Louisiana 8:1	108:4,7	106:31 114:3
155:40	128:35,39 133:48	12:31 42:9 56:26	maintain 52:19	115:35 116:48
longliners 154:18	134:1,23 135:46	112:3	128:47 129:8	117:12 118:2
154:20,30	136:21,28,42	love 100:15	133:20 145:27	119:44 120:20
long-standing 9:19	138:6 139:21,28	lovely 152:18	157:36	121:21,43 123:21
Long-Term 44:14	139:35 143:26	low 18:45 47:4	maintained 84:3	124:3,19 129:40
long-time 9:7	148:12 153:9,12	48:18,24,33 56:35	maintaining	132:33 133:37
look 5:37 14:9 15:4	154:35 160:20	83:41 104:12	115:48	135:27,30,35
15:45 16:10 19:20	looks 26:17 40:37	109:36 113:19	major 20:25 56:7	137:8 140:1,17
19:44 32:43 33:6	99:26 106:17	120:26 123:12	74:17 78:43 79:6	142:48 143:12,24
35:6 36:5,6 40:37	125:13 134:26	134:32 149:46,47	83:8,12,45 84:1,5	143:37 144:10,20
42:44 48:38,46	lose 72:32 102:24	149:47 151:30	84:7 85:29 89:20	144:37
61:3,17,18,36	lost 58:38,47 59:47	lowdown 40:33	146:27,45 162:10	managing 117:42
69:33 81:28 93:20	72:24,27 75:42	lower 11:36 54:24	majority 41:34	119:39 122:30
101:22,37 102:32	79:47 108:15	54:31 85:47 86:33	42:32 43:5 51:38	140:46
107:26 113:18,43	lot 6:21 9:26 10:7	86:34 88:48 89:18	51:41 88:17	mandated 60:35
116:26 117:47	13:31 14:38,39,42	99:33 135:9	making 8:40 18:5	155:5,7 160:46
120:44 125:27	16:25 17:35,35	Lubchenco 69:12	20:25 29:35 53:7	mandates 161:47
126:7 128:4,33	20:10 22:14 23:21	69:13	73:24 83:26,37	mandatory 21:27
130:41 134:11,36	24:5,6 25:15	Lucie 85:24	92:29 93:42 96:2	133:17

mangling 30:27	39:33 108:12	65:43 66:19,23,37	162:44	19:38 56:28 71:42
manner 76:41	129:2	71:28 73:31,37	meaning 42:40	71:43 72:5 74:5,8
77:24 119:7	marlins 141:36	74:29,36 76:9	146:35	78:37,38 83:27
manuals 22:21	marry 113:14,38	78:22 82:4,13,29	meaningful 158:12	110:11,12 139:33
map 26:28	Martha 2:13 8:32	82:31,37,41 90:21	means 37:3 69:9	140:42 143:23
March 12:24 13:12	Martha's 108:9	92:30,48 93:3,11	80:13 81:39 87:43	meets 107:6
19:22 32:18 94:40	Martin 85:23	95:2 97:8,30,40	meant 11:15 80:43	Meggan 4:1 49:39
146:40 151:46	Marty 160:14,16	98:33,47 101:29	measure 12:46	51:20 55:33 60:20
marches 112:30	163:4	102:28 103:36	79:39 117:12	member 6:48 7:4,6
MARFIN 18:14	Maryland 1:20	105:8,20,45	121:44 124:19	7:8,10,12,14,17
margin 78:42	2:17 8:5 15:30	106:35 107:29,33	156:35,35	7:20,22,25,32,38
Margo 2:33 3:5 4:9	65:3,7,16 148:16	107:45 108:30,42	measures 6:17	7:42,44,46,48 8:2
5:16,30 6:18,44	Massachusetts	109:11,40 110:1	12:44 14:18,19,41	8:4,6,9,11,16,21
8:42 16:41 19:1	15:30	145:3,35 146:2,5	15:8 20:20,37	8:23,29,32,35
19:15 20:41 21:16	match 24:19	150:28,32,35,41	83:16 89:46	18:29 19:6,13
21:20 30:28 59:22	130:19 160:23	150:46 151:34,48	116:48 117:10	26:1,7,14,18,36
66:24,34 82:34	matches 13:8	152:28 153:43,46	118:3,19 121:46	26:42 27:2 28:16
102:28 106:38	maternity 41:16	154:31 155:20,28	124:3 132:34	28:26,43 29:10,41
107:29,48 110:24	matrices 52:48	156:12 158:22	142:48 143:13,35	30:10,16,21 34:4
116:21 123:23	53:4	160:10 163:4,27	143:37,42 144:7	34:30 35:21 36:13
147:1 149:16	matter 40:44 94:35	164:18	152:42 153:15	37:5,32 39:14,27
155:29 164:10	97:34 102:39	McHale 111:20,22	mechanism 54:28	40:22 44:29,47
Margo's 20:41	103:5 129:4	145:38 151:17	59:36 136:48	45:2,6,9,25,47
Maria 59:29	mature 30:43	153:5 156:38,45	140:13	46:15,19,23,35
Marina's 65:22	max 80:43,44	156:48 157:3,8	mechanisms 58:43	47:1,3,6,10,12,22
marine 1:3 2:16	maxed 10:30	McIntyre 155:38	126:29 127:4	47:25,32,48 49:10
7:41 8:12,14,19	maximize 123:31	155:39	128:8 133:43	49:29 55:32 58:3
8:22 12:27 13:44	maximum 34:21	McKeon 1:41 7:36	157:31	60:10,19,29 61:2
18:30 41:21 44:30	McCreary 1:20	mean 21:30,31	medium 134:32	61:30 63:11 65:45
55:33 74:41 75:2	2:28 3:3 5:15	23:48 26:5,12	140:33 141:3	65:48 66:2,16
75:17,35 86:36	8:36 16:40 17:2	27:36 28:46 29:36	mediums 140:25	71:29 73:33,38
104:10 155:45	18:4,16,19,26	34:23 35:5,12,14	meet 13:26 28:39	74:37 76:7 78:24
Maritime 6:9	19:11 20:39 21:4	35:30,46,47,48	35:23 36:40 55:45	80:40 82:42 92:32
mark 2:2,4 7:32	21:8,11 26:37	36:3,27,45,46	74:7 127:37	93:1,16 97:41
8:6 16:12 69:28	27:36,40,47 28:15	37:42 39:32 46:21	meeting 1:9 5:11	98:2,39 99:1
73:1,2,4 153:47	29:39 30:15,25	51:21 57:3,35	5:18,26 6:19 9:25	101:2,33 102:40
154:31 155:11	34:1,29 35:19	61:47 62:14,22,35	14:12,13,14 15:47	103:13,38 105:21
marked 52:26	37:31 39:9,26,41	63:1,3,6,17 72:34	16:24,26 17:5	105:26,46 106:33
marker 114:37	39:44 40:21,35,40	77:17 80:47 81:5	20:15 22:10 37:36	107:35,47 108:31
121:6 140:38	40:47 44:27,45,48	81:5,6 82:24	47:34 66:40 68:21	109:13 146:12
market 56:4 95:28	45:5,8,22,45	96:18,37,46	70:13,14 109:46	150:30,33,37,42
97:1 132:12	46:18,24,33 47:46	102:19,23,26	114:36 117:39	151:4,24,36 152:2
marketed 96:15	49:8,35 51:20,25	105:15,18 106:41	127:19 139:34	152:31 153:48
marketing 96:35	55:29 56:42 58:1	107:8,42 109:9	143:20 147:3	members 1:23
108:29 154:14	58:13 59:43 60:1	123:6 147:31,44	148:14 158:35	20:32 83:4 92:25
marks 31:43	60:16,18 62:1	150:9,16,24 154:5	164:24	106:47 110:8,14
marlin 11:40,41	63:9,32 64:33,36	157:30 158:44	meetings 15:23	143:27,28,35

144:38 145:26,45 146:10 152:4 163:28 164:20 memory 147:1 mention 32:37 102:46 137:44 150:2 156:25 mentioned 11:45 17:44 18:21 19:45 21:16,20 25:32 101:5 113:22 116:21 117:45 119:22 122:28 123:23 132:35 133:35 140:15 143:8 155:42 157:42 mentioning 29:11 merit 72:40 message 58:39 59:10 143:17 messages 111:1 138:8 met 1:18 5:19 9:23 9:27,42 10:5 69:13 70:1,4 114:14 metaphor 27:33 methodology 99:11 136:30 metric 11:28 86:39 89:40 101:35,42 108:33 112:26,29 113:31,45 114:9 120:3 121:1,17,30 121:36 122:7,22 123:48 130:35 131:13 135:1,3,7 135:11 147:43,48 154:38,39 metrics 126:5,19 126:35,44 127:12 127:34 134:29 Mexican 43:37 44:46 46:41 49:34 Mexicans 42:22 Mexico 10:42	11:21,22,23 41:35 41:44 42:33,43 43:46 44:40,41 45:16 47:18,26,31 47:43 48:2 49:32 50:11,21 55:35,39 56:17 58:10,11 60:37 84:44 85:1 88:44 90:16,30,45 100:13,34 104:16 117:28 124:32 130:48 131:8,16 141:18,23,34 154:6 163:13 Miami 94:4 Miami-Dade 85:23 mic 18:29 144:48 microphone 8:37 27:46 35:17 36:9 39:47 40:39 46:22 46:34 47:21 49:43 59:2 64:35 65:47 66:1,5,22 155:24 155:37 158:24 microphones 8:45 9:2 mid 144:11 middle 89:7,15 135:5 Mid-Atlantic 8:27 15:34 41:30,40 42:28 46:10,14 84:43 mid-May 10:28 mid-November 41:17 44:23 mid-season 153:25 mid-water 78:33 migrate 135:47 141:29 migrating 144:9 migration 91:12 migrations 12:2 migratory 1:5 2:31 20:23,24 41:39 60:38 111:23 149:42	Mike 9:6 mile 98:19 miles 75:4 Miller 1:39 3:18 21:5 30:33 34:20 35:3,18,45 36:10 36:38 37:29 39:39 39:43,48 40:30 68:8 152:31 million 68:36 72:24 79:47 millions 68:33 79:2 mind 20:16 85:15 105:41 108:28 minds 38:25 105:34 mine 50:6 miniature 113:37 minimal 131:6 minimize 13:26 28:38,40 minimized 22:8 minimizing 15:2 115:41 117:32 minimum 13:7 72:32 92:1 99:39 131:34 133:20 minor 13:9 minute 40:41 109:43 139:31 minutes 68:19 147:6 152:27 misdirected 58:37 miserable 93:47 miserably 93:19 mismatching 114:30 misrepresented 89:23 missing 19:3,7 60:45,48 mission 41:23 missions 41:19 misunderstanding 142:13 misunderstood 156:26	mitigate 142:1 mitigation 60:32 60:44 61:18 mix 5:26 163:39,42 mixed 27:32 142:1 mixing 124:13 mixture 43:42 model 44:5 81:10 81:47,48 93:9 modeled 93:7 moderate 46:47 modifications 129:47 modified 78:5 87:33 88:2 90:36 modify 84:11,25 modular 5:47 20:44 moment 59:45 Monday 1:13 22:31 monetary 23:42 137:18 money 64:29 66:9 74:3,3 137:16 monitor 65:21 101:6 monitored 86:43 89:41 118:4 162:14 monitoring 14:23 15:36 24:27,34 26:8,10 29:14 52:3 81:22 91:4 101:4,5 104:5,22 104:35 137:10,12 137:20 138:4 139:7 143:45 144:3,16 152:44 152:45 153:3,16 162:12,14,26 163:18 monitorings 21:38 Monroe 85:22,26 90:44 Montauk 108:11 Monte 35:35 month 14:25 21:24	25:18 45:12 61:23 monthly 12:35 19:38 29:6 months 5:18 9:22 25:38 31:37 32:3 32:9 34:11 41:13 69:10 111:27 124:34 140:6 155:43 158:48 159:7 Moore 3:33 5:33 41:2,5,6 45:11,43 46:3,46 47:2,4,7 47:11,23,27 48:14 49:19,33 morning 5:3,16 6:48 18:38 21:15 34:31 41:5 68:6 86:42 111:7 Morocco 10:31 morphed 121:23 mortality 112:36 114:17,43,44 115:12,17,29 118:31,33 121:14 121:24 131:21,26 135:38 Mote 8:11 18:30 44:30 55:33 motor 47:1 move 8:45,48 9:2 20:21 74:37 83:6 119:34 122:33 124:2 126:46 129:48 141:45 144:20,39 147:4 moved 86:21 151:42 moving 12:10 50:44 64:11 83:20 92:3 103:16 107:17,27 111:2 121:5 142:2 151:29 MSY 99:32 multiple 51:30 multiplied 108:41
---	--	---	---	---

multitude 42:11	14:16 21:4 23:31	81:42 83:35 84:8	non-compliant	38:42 51:29 54:19
muted 113:7	25:27 59:36 70:36	84:15 86:7,10,29	23:24	54:21,22 83:25
N	70:38 74:8 86:27	87:6,7,20,39	non-HMS 22:3	notices 50:45
N 85:10 87:34	97:4 99:38 100:5	88:12,24 89:9,22	56:20 57:26	notifications 23:4,6
90:39	107:19,20 110:7	89:25,35,39,42,47	non-permitted	23:16
nail 132:46	110:35 115:30	90:9,42 91:22,24	52:21	notify 23:3
name 21:17 30:27	116:28 118:1	91:29,39,45 92:6	non-reporting	Nova 7:2 53:15,43
44:36 63:37 82:44	121:14,47 128:3	92:16,18 95:7,13	54:39	64:6 103:39
143:31 155:34,38	128:44 131:6,10	99:10 105:1,24,32	normal 48:35	NOVAs 53:14
160:15	131:21,41,45	114:20 129:12	normally 61:19	November 14:14
narrow 88:25	132:20 133:22,29	144:32 149:6,13	69:35	32:16 33:19 83:37
nation 161:20	136:2,41 137:6,26	149:33 156:45	north 2:15 7:39,40	92:13
national 1:2,3	143:46 144:17	163:25	10:25,29 12:29	nuance 131:20
23:44 24:1 52:47	148:43 155:15	newer 51:1	26:25,26,30,31	nullifies 122:24
53:18 55:5,9	158:9,18 162:1,38	newly 90:36	36:15 41:31 45:28	number 10:21
68:27 69:25 74:41	needed 5:11 88:23	news 33:34 50:31	45:33 46:1 56:46	12:34 13:12,47
75:2,17,21,35	89:1 109:8 121:17	53:19 69:2	61:10 87:28,34,48	14:5 18:10 19:17
79:36 86:36	130:4 131:13	nice 6:37 35:22	88:10 96:24,47	26:43 31:8 42:44
155:45	136:7	night 19:31 105:29	98:12,29,30,44	45:31 48:22,30,37
nationally 68:28	needing 14:40	nightmare 106:10	120:14 135:10	51:16,17,36 55:37
69:1,2 82:2	118:30 123:27	106:23	141:7,11 149:16	64:47 70:9,29
nationals 42:43	136:35,39 144:12	nights 155:44	northeast 13:35	74:14 75:14,14
nations 47:18	needs 8:40 13:41	nine 9:22 51:48	22:4 27:12 41:28	86:16,24 88:23
160:28	74:3,19 97:5,37	102:2 112:2	41:43 42:26 47:28	89:25,35 94:37
Natural 2:17 7:29	101:3 110:42	143:25 150:47	48:42 50:34,36,42	108:38 111:26
8:5	119:39 120:28	Ninth 77:10	64:14,20,40 65:24	112:46,47 113:34
nature 120:33	133:26 137:2	nitpicky 44:31	73:40 79:26 84:42	113:48 114:33,47
NatureServe 69:31	147:22 153:36	NMFS 4:10 5:35	85:37 93:30 94:28	116:42 121:5
nautical 75:4	155:16 158:24	31:4 50:20 61:38	108:16 111:22	122:47 123:17
NCFA 7:36 56:46	162:14	87:25 88:37 89:5	113:35 128:36	124:37 125:16
near 7:21 61:40	negative 31:27,42	160:41 162:29,34	141:17,20 159:36	126:11 128:40
87:41 103:28	33:23,42 39:36	NMS 88:27 89:24	159:38	131:2,31,38
nearing 65:40	negotiating 158:2	NOAA 2:30 3:29	northern 90:44	134:23 135:23
necessarily 95:9	negotiating 158:2	4:2,5 18:12 43:48	118:15 142:36,40	136:11,12 137:36
104:10 115:9	neighbors 103:42	45:13,44 49:45	northward 41:29	139:3 140:42
119:9 120:17	Neill 1:40 8:16,16	50:13,24 53:36	Northwest 31:16	141:26 154:41
121:44 122:36,38	107:35,36	58:43 63:38 64:17	32:24,44 33:7,14	155:1 159:16,17
123:47 124:7	NEPA 12:19	69:14,14,16 75:43	33:18 36:16 85:1	numbers 9:32
129:42 130:15	net 122:21	78:40 79:4,7	87:26,38 88:44	10:18 11:41 20:12
132:36 133:11,38	never 106:8 146:14	80:44 81:3	90:16,29,38	29:48 42:25,34
136:8,36 137:4	160:48	nominated 69:15	note 6:12 8:44 9:24	49:28 62:15,23
138:39 140:35	nevertheless 77:41	non 91:40 92:9	11:10 13:6 18:21	113:13 114:18
142:43 144:33	new 10:44,45 20:46	98:37 161:12	121:3	115:3 123:2,8,34
necessary 27:16	22:17,18,35 23:48	non-blacknose	noted 6:40 36:18	155:8
97:36 145:4	25:17 38:29 41:28	10:42 11:8,28	36:28 48:6	Numeral 19:21
need 8:48 11:26	41:31 50:33 53:20	non-compliance	notes 6:32 9:5	numerical 51:25
	64:15 68:6 69:9	23:40	notice 14:36 32:7	numerous 22:14
	69:16 78:30 81:21			

24:40 25:43 85:32 nuts 75:6 nutshell 114:39 143:3,4	76:15 93:26 106:43 111:11 114:41 130:37,40 133:5,25,29 136:14,17,32 137:33 138:17 153:10,28 occasion 57:33 58:47 occur 65:1 89:27 95:24 115:28 124:29 141:22 occurred 43:13 112:31 141:22 occurring 44:9 48:23 56:7,20 112:39 Ocean 8:7,8 26:23 75:21 oceanic 1:2 13:19 oceanographic 7:2 88:5 October 14:14 41:10 49:18,23 73:11 odd 29:17 Oden 1:41 7:35,35 56:45,45 57:31,48 62:9,47 101:31 105:9,10 108:45 108:45 153:45 offensive 101:26 offer 55:2 73:21 offers 54:45 office 2:30 3:18 12:39 13:36 30:34 49:45 50:1,13,31 50:34 51:2,4 54:12,12,20,27,29 54:48 60:27 63:38 65:15 79:21 82:45 Officer 64:18 officers 43:9 46:30 46:32 48:16 65:17 65:21,23 Office's 30:2 officially 143:15	offline 29:47 30:7 56:34,43 106:36 offshore 7:34 47:8 off-shore 65:24 oh 19:6 26:12 39:4 66:23 142:15 150:20 153:44 155:28 okay 6:46 17:2 18:16 19:7,9,11 28:43 30:25 37:31 39:39 45:5 47:32 49:29,36 58:13 59:43 60:29 61:2 62:1 63:36 64:39 64:39 66:19 74:36 80:39 81:25 82:13 85:9 92:48 93:11 98:33,47 105:8,26 107:33 108:42 145:22 146:6 152:3 157:9 old 21:22 144:27 OLE 45:44 58:43 59:29 64:9,20,40 65:3 OLE's 64:31 Omar 59:29 onboard 42:6 51:36 52:27 58:5 60:7,8,44 61:10 64:26 66:3,7 once 28:4 37:25 59:32 79:1 92:14 92:40 96:43 98:45 139:25 143:43 150:2 ones 33:40 43:21 50:5 55:12 78:11 81:44 116:41 152:7 161:22,24 one-and-a-half 60:15,26 one-fish 87:47 88:19,36 97:12,24 one-year 13:3 ongoing 17:48	31:36 64:44 158:10 online 53:14,39,47 61:21 65:6 95:29 onset 125:13 onsite 66:32 on-scene 54:34 on-schedule 62:4 66:24 open 6:37 10:34 11:20 16:2 20:16 29:25,37 65:41 84:6,13,15 86:32 89:10,47 92:22 95:41 121:25 124:15,15 127:10 158:42,47 162:9 162:11 opening 4:8 18:12 110:25 119:47 openings 142:45 operate 160:16 operating 24:47 48:27,28 121:11 121:13 operation 77:19 operational 21:23 24:41 29:30 50:18 64:47 144:2 153:36 operations 46:10 46:14,39 63:47 65:34 130:21 157:28,38 operator 7:23 126:20 127:6 operators 12:7 65:27 opinions 16:7 opportunities 12:20 14:46,48 15:12 39:18 59:8 59:46 83:39 86:8 86:11,13 107:7,21 110:36 114:4 115:47 118:11,43 119:2 120:18	122:36 123:32 140:9 141:13,29 opportunity 6:3 17:46 18:6 20:46 58:20,38,46 59:34 59:48 91:15 94:44 105:12 109:21 117:39 128:5 141:24 152:17 161:1 opposed 102:3,42 opposition 85:38 86:25 OPR 40:31 opted 124:39 137:19 optimize 115:45 119:1 139:35,42 optimized 118:11 optimum 115:39 option 137:41 options 20:46 54:7 66:29 order 21:39 36:41 40:10 51:18 53:37 61:5 79:38 155:8 Orders 53:32 organization 45:19 74:41 organizations 55:38 organize 164:3 organized 163:38 originally 72:11 128:25 Ortiz 3:14 21:15,17 26:5,12,16,24,46 27:8,39 28:21,35 28:46 29:23 30:5 30:13,19,23 63:44 Otha 61:19,31 other's 36:32 ought 63:19 152:11 outboard 47:1 outcome 13:43 34:37 outline 82:48
--	---	---	--	---

156:10 164:9	33:29,32,35,37	146:39 148:15	pays 82:2	101:15 105:37,41
outreach 60:34	151:8	149:23 152:39,41	Pearson 4:16 82:43	106:4 108:2
61:38 64:10 65:20	pages 26:9	154:16 155:48	82:44 90:27 93:6	110:17 145:6,7,9
65:26 82:24	pain 158:15	participants 100:9	95:15,18,22,40	145:14,16,17,23
outs 125:36 160:7,8	paint 112:9	participate 77:7	97:10 98:42	146:19 148:41
outside 17:37 23:47	pair 78:33	100:1 142:29	102:44 105:25	150:47,48 152:12
34:43 90:26,27	Palm 85:23 87:29	participating 91:5	106:27 108:36	152:25 155:14
115:18	94:4	149:28	Peel 1:43 7:44,44	158:1,29,40
overall 51:16 69:1	Palmer 1:42 7:6,6	participation	109:13	159:26,28,46
73:23,28 76:21	Pam 8:2	160:32	pelagic 14:32 15:31	163:40,45 164:15
91:16 117:35	PAMELA 1:25	particular 29:1	20:34 58:5 60:11	perceive 105:37
124:19 130:38	Pandora's 119:48	37:45 38:26 46:13	85:6 103:5 115:20	perceived 127:41
139:9,36 147:15	121:26	52:44 53:13,19	124:33 125:10,24	158:18
147:16 154:11	panel 1:5,18,23	57:27 58:47 85:13	127:46 130:31	percent 10:31 20:5
overharvest 10:48	13:31,41 15:22	86:48 87:47 88:1	131:9,43 133:2	35:36 41:24 48:31
11:2,11,15	16:21 19:35 39:12	88:32 96:29 97:29	134:8,21 137:41	48:33 71:11 72:26
overharvests 10:37	65:36 74:5 78:37	98:45 99:6 106:42	146:34 147:18,26	78:43 79:44 80:11
overlooked 149:20	83:4,24 99:35	107:14	147:35,42 148:19	80:46,47 81:3,5
overlooking 149:22	106:43,44,47	particularly 19:48	148:40 149:27	81:12,34,46 92:41
overseen 9:44	110:11,14 145:25	29:21 55:16 58:30	154:18,20,30	92:42 101:40,45
Oversight 19:36	147:4 152:25	60:34 63:29 70:47	156:18 157:23,35	101:46,47,48
overview 3:3,5 4:1	163:41 164:1,17	104:15,25 149:10	158:33 160:17,29	102:3,3,5,11,13
4:25 6:44 9:21	164:20	partly 27:31	160:48 162:28,31	102:34 103:27
70:46 111:6	Panelists 18:7	partners 42:18	162:36 163:2,11	109:28 112:48
116:48 129:31	panga 46:45	43:46,47	pelagics 125:1	113:1 120:14
144:41	paper 19:23 22:17	parts 19:20 111:2	penalize 57:38	121:32 122:34
over-fished 10:40	26:3,6 146:42	pass 45:12 61:27	penalized 57:18	123:5,7 134:44
149:8	150:17	153:44	penalties 23:42,48	135:6 137:3,12
over-fishing 10:39	papers 111:36	passed 59:32 76:14	38:6 53:1 56:11	139:38,39,42
14:47	paradigm 82:19	76:32,40 77:3	61:40	146:29 147:32,47
over-the-limit	parallel 164:1	passenger 48:48	penalty 23:44 24:1	147:48 148:9
65:13	paraphrase 112:34	path 133:39	52:41,41,43,47	149:18 150:13,15
owner 126:20	parcel 96:28	patrol 42:4 44:4	53:7 54:46,47	152:44 154:21,24
127:5	Parks 7:31	patrolling 43:27	55:3 56:32,36	156:1,3
owners 61:45,45	part 10:10 11:14	patrols 65:25	57:2,10,13,19,24	percentage 26:44
o'clock 145:42	17:12 23:20 27:37	pattern 11:34	64:3	27:1 114:24 115:4
O-F 3:1	35:41 36:15,19	36:29 113:47	pending 51:2 87:31	120:1 121:29
	37:8,19 39:31	patterns 91:12	Peninsula 8:17	122:4 123:15
	44:36 50:8 52:36	125:42 130:8	people 10:13 14:5,9	130:42 159:42
	58:12 62:12 70:25	140:5,8	15:43 16:29 18:11	percentages 13:4
pace 19:29 20:21	71:46 75:22,23	pause 55:29	20:10 38:45 39:22	112:22 113:22
paced 74:8	77:21 80:25,41	pay 9:30 79:46 80:2	55:21 58:4 59:30	115:8 119:27,37
Pacific 32:25 44:37	81:19 82:23 93:39	80:12,46 81:2,5	59:36 60:38,43	119:38 121:10,35
81:40,40	96:28,44 98:40	81:16,16,18,30,31	61:39,46 63:29	122:7 130:6,35
pack 135:5	108:16,17,18	102:16 147:32,39	68:22 73:24 74:22	percentile 108:24
packages 20:20	109:14 127:36	paying 68:46 81:35	81:2 88:22 93:28	perception 38:9
pad 155:35	133:30 138:28	82:1	93:29 94:24 96:19	perfect 150:35
page 3:2 9:29 19:21				

perfectly 148:34	101:18 103:7	112:13 140:23,45	135:32 136:21,24	151:6
performance 20:27	105:1,23,24,33	Pete 37:35	136:40 138:22	PLL 146:29
125:19,21 126:5	106:12,32 107:9	Petersburg 82:45	139:47 140:40	plus 22:25 66:7
126:17,35,43	107:11 108:38,47	petition 31:23,30	152:46,47 153:19	146:35
127:12,34 128:12	118:14 130:3,14	31:38 32:14,41,43	153:29,36 157:31	pocket 81:17
134:34,37,42	138:46 139:1	33:11,22,24,26	placement 44:7	point 9:17 11:5
149:43,45	142:9 148:26,29	34:6 38:15 149:37	placements 43:42	14:6,38 15:17,19
period 11:3 20:27	148:30 149:27,29	petitioned 31:21	places 66:33	15:20 17:41 19:19
23:36 32:32 37:26	160:6	33:39	104:17	19:30 20:8 28:1
38:38 49:17 51:39	permits 10:11	petitioner 39:35	plan 3:12 13:28	29:17 44:31 52:36
52:14 64:9 65:30	14:10 23:10 24:47	petitions 32:40	14:9 17:6,14,20	57:31 63:17,21
70:30 73:39,43	25:8,16 29:48	33:5,6 35:24	17:22,25,34,36	65:42 69:34,38
74:35 83:33	30:9 38:4,5,5 40:1	37:20,22	18:8,34 19:28,33	70:39 72:16 75:1
110:16 116:11	40:4,24 55:18	petition's 33:9	19:34 38:20,47	79:20 80:45 92:15
133:47 135:32	61:12 64:26 66:3	Pew 7:8	44:14,15 50:39,43	99:23,36 101:4
143:11,19,40	83:35 86:17 87:9	phase 13:21 14:6	51:1 71:5 146:39	102:36 103:25
145:11 149:46	89:2,25 91:38	57:2,10 107:18	146:45 147:4,11	104:40 106:15,18
152:36,39 153:19	92:18 93:41,48	phased 152:47,48	148:24 154:4,27	106:25,38 107:17
153:38 160:12	94:42,43 95:42	Phil 163:9	161:2,3	109:41 110:21
periods 34:5,6	96:4 98:18 100:47	phone 22:27	planned 18:42	112:17,25,33
permanent 69:27	103:2 105:36,40	139:15	104:34 126:26	114:4 115:29
132:11	105:43,44 134:19	phones 6:31	163:37	118:24 119:26,28
permit 15:3 23:43	134:24	picked 81:37	planning 160:11	119:32 120:47
25:3,10 40:10,19	permitted 91:44	pickup 101:17	plans 38:43 39:5	121:8 134:25
40:31,33 51:34,35	92:8	picture 47:15 112:9	45:41 46:1 75:16	135:25 139:28,38
52:6,15,16,18	permitting 59:26	picture's 113:42	104:21,40 115:35	145:1 152:6
54:21 57:46 61:45	83:46,48	pie 122:1	162:48	155:21 158:21
61:45,46 63:27	permit's 90:9 92:16	piece 26:3,6 73:23	plants 31:7	pointed 62:38
64:19 66:4 84:4,7	permit-holder	pieces 73:47 94:2,3	plastic 56:21	99:34 101:35
84:9,16 85:37,40	59:16	94:3,5,5 121:5	plate 146:45	105:18 110:28
86:7,30,33,34	permit-related	pies 120:45	161:15	points 23:1 28:28
87:6,6,7,12,13,14	15:41	pile 18:31	play 122:37 131:27	56:44 99:32
87:16,18,20,22,23	perpetuity 127:3	pink 9:11	135:21 143:48	100:43 105:6,27
89:13,22,34,36,37	Perry 2:4 7:30	pitch 18:5	playing 116:30	156:22 157:10
89:39,48 90:1,3,7	person 35:7 57:22	pivot 6:6 155:22,25	plays 112:12 113:4	policy 23:45 24:1
90:7,34,42 91:22	57:43 69:28,39,43	pixilated 152:18	plea 19:42 20:31	39:19 52:41,47
91:24,26,26,27,28	personal 93:17	placards 15:42	39:10	55:3 57:24 71:3
91:29,31,31,33,40	personally 47:44	place 14:5 19:39	please 6:23 9:35	76:21
91:46 92:7,11,12	personnel 27:4	20:30 35:40 44:42	18:27 26:40 40:48	political 69:30,37
92:15,17,19,20	perspective 38:12	47:16 50:33 68:43	65:46 90:26 97:30	69:38,39,39
93:8,43 94:20,33	62:11 68:27,28	75:16 94:31,46	110:4 155:31	politically 69:44
94:38 95:13,14,29	71:46 121:22	95:6 96:33,36,48	163:7	pooled 37:18
95:31,35,35,45	141:9 147:23	112:44 113:40,41	pleasure 18:38	popularity 97:16
96:1,5,11,16,41	153:24,37	114:48 117:22	144:29	population 30:41
96:42,48 97:15,20	pertain 142:40	119:45 126:30	plenary 16:38	31:17 32:44,45,47
97:28,45 98:6,36	pertaining 160:33	128:22 131:42	99:17 164:17	33:7,8,10,13,15
99:45 100:1,35,48	pertains 74:40	132:8 133:13	plenty 94:23 132:9	33:18 38:28

populations 32:42	105:16 123:27	present 1:23 31:30	54:34 56:24 99:26	160:43,44,45
porbeagle 11:1,9	128:15 131:27	33:11 66:27	102:32 108:10	problem 22:41
12:11,14 13:19	149:30	101:16 124:8	113:46 138:9	35:2 43:45 44:40
port 131:14	pound 93:33 108:3	132:46	143:9,16 144:22	56:37 59:20,25
portion 30:46	pounds 93:35,36	presentation 4:25	156:20 161:11	80:8 93:45 96:21
36:14 45:41 85:11	158:45	18:34,36,48 20:41	prevalence 51:18	97:7 121:45
85:26 87:33 91:15	practicable 34:22	30:27 34:2 37:34	prevalent 129:21	147:15,18,21
112:27 128:37	115:41	37:38 39:10,46	prevent 77:29 89:3	148:42,44 150:20
134:8	practical 96:37,38	41:1 48:1 49:12	115:37 132:27	158:20 161:12,31
Portland 7:21	152:21	50:8 54:38 55:24	previous 11:3	161:34 162:10,38
78:25	practice 131:5,28	56:39 63:33 66:21	17:44 42:2,35	problems 79:43
pose 6:26 16:46	134:38 143:39	92:21 110:5,24	127:14 134:46	128:46 152:20
45:26	144:1 151:45	111:7,45 117:3,4	previously 53:21	Procedural 53:40
position 58:24	practices 127:9	117:8 118:20	55:13 60:36	Procedures 12:13
69:22,24,26 71:3	130:20 163:25	120:10 124:21	price 24:10 25:33	proceed 41:3 89:11
71:7 77:33,37	Pratt 2:1 7:12,12	129:31 144:41	68:46 147:40	proceedings 53:42
98:1 99:3 103:18	151:36	145:5,47 146:13	prices 86:35	process 12:7 17:27
155:10	precedents 48:18	150:2 163:33	pride 159:43	17:32 19:22,35,36
positions 103:25	48:19,25,32,33	presentations 5:46	primarily 46:5	19:36,37 22:24,48
positive 31:32	preceding 143:20	41:1 54:6 116:22	56:16 65:33	23:1 30:37 31:22
32:15,46 33:14	precise 18:6	119:20 135:18	102:48 103:9,11	31:28,44 33:25
39:3	preclude 95:17	164:8	113:29 114:48	37:40,43 38:3,22
possess 66:4 95:12	115:23 118:43	presentation's	122:18	40:27,28,34 53:47
possession 35:9	120:17 122:35	64:34	primary 46:6	55:43 57:13 74:11
42:10 52:26 59:24	precluding 91:14	presented 55:31	prime 98:11 113:44	74:12 75:27,39,40
61:11 64:24 76:42	114:4	83:29 114:2	138:44 143:45	75:40 77:13 80:19
90:41	predicted 108:33	124:13,28 133:28	prior 53:6 136:28	80:28 104:7
possibilities 108:6	preempted 77:1,10	141:14,31 146:41	151:43	127:37 128:41
possibility 100:30	77:15,25,37,45,47	152:34	priorities 13:39	133:30 158:10
149:6,22	78:6	presenters 62:6	44:16	processing 68:34
possible 8:41 13:27	preemption 77:23	63:34	prioritize 38:36	procure 130:4,19
26:3 46:17 99:29	77:42 78:17	presenting 49:38	priority 72:37	procuring 132:16
103:35 105:11	preexisting 126:39	presents 31:24	Pritzker 69:10	produced 20:16
116:1 146:9 156:2	128:16 129:24	preserve 89:1	private 61:4,41	product 23:32
163:24,35	prefer 108:23	preserving 116:23	privilege 15:6	76:25 96:35
possibly 78:36	122:40	president 8:30	156:27,31	Professor 7:1
105:12 146:33	preference 107:31	69:46 72:48 76:26	privileges 133:28	profile 58:21 59:5
post 53:13	preferred 5:10	presiding 1:21	privy 50:14	program 20:29
posted 14:1 65:6	84:10,28,34,47	press 30:29,31,31	proactively 97:6	21:26,35,48 24:39
potential 14:17	85:4 87:46 117:25	39:4 58:36,37	123:24	25:42,45 26:16,34
76:26 85:41 88:35	129:36	presuming 100:40	probably 10:10	26:35 27:4,8,42
89:21,25,31,35	preferring 124:40	pretending 82:41	50:18 56:31 61:22	29:16,27,30 44:13
100:27,32 115:29	preliminary 146:41	82:42	63:5 79:3,25 82:5	44:21 52:38,39
128:5 144:17	prepare 82:5	pretty 6:43 10:6	93:24 99:24	63:45,48 72:35
potentially 37:14	preparing 102:45	19:46 35:38 39:31	103:44 129:10	79:40 84:4 126:22
58:25 76:43 89:17	presence 43:29	46:42 47:8 50:28	146:19 153:34	126:24,25,31
98:44 99:33	45:38	52:17 53:3,19	154:21 157:39	128:29,41 130:28

132:3,24,35	145:44 147:29	Protective 9:45	164:21	110:35,40 111:4
133:31 135:48	158:4	protest 147:9	publication 32:4,34	147:33 155:9,46
137:27 139:7	proposals 85:39	protocol 23:39	83:25 91:20 92:4	157:31 158:39
156:27,31,35,36	104:28 117:24	protocols 22:41	public's 63:5	160:8 161:35,46
156:39	119:13 135:28	protracted 72:45	publish 14:7 31:26	162:27,35
programming	156:5	provide 25:26,27	31:32,41,46 32:7	putting 79:25
95:23	propose 77:42	27:6 33:37 43:14	33:33 34:14	80:45
programs 15:6,28	120:5 149:1	48:15 55:47 56:12	published 10:16,28	P-R-O-C-E-E-D...
21:46,47 22:2,10	156:36	56:31 60:31 83:39	32:15,18 33:23	5:1
22:19,36 24:15,17	proposed 9:39	86:7 88:8,20,46	34:10 53:17 83:31	p.m 6:13 22:31
69:36 126:39	10:34 11:11 14:21	109:20 110:36	83:34 109:25	66:26,36,38,41,41
127:7 128:14	14:26,37 16:12	123:46 129:43	publishing 53:11	68:2 109:47,48
133:25,34 137:1	28:35 31:10,46	140:8 141:23	Puerto 47:39	145:11,12,27,32
156:43	32:4,8,19,26,29	145:46 157:43	pull 28:11 55:23	145:41 152:10
progress 18:46	32:33,35 33:41,45	provided 22:13	56:30	163:33 164:25
progressive 157:32	34:39,42 83:3,9	24:39,45 26:27	pulled 56:38	
progressively	83:25,31 84:11	27:13,15 43:11	pump 78:45	Q
64:11	85:31,45 86:6,25	73:42 155:30	punished 160:32	QA/QC 22:48
prohibit 13:14	88:3,18,36 89:13	Provider 160:17	160:36 161:21,26	quadrilaterals 72:6
76:42	110:34 111:34,38	provides 78:15	Purcell 59:29	qualified 127:45
prohibited 12:14	116:14,48 118:18	88:13	purchase 23:32	128:42 147:11
23:11 40:9 42:5	119:3 120:2	providing 107:6	51:45 52:20	qualify 150:22
51:35 52:13	121:27 122:42	115:46 143:10	105:24	156:39
prohibitions 36:48	124:30,31 125:3,6	provision 127:47	purchased 91:44	qualifying 128:27
40:15	127:44 129:16,23	129:16,21 150:10	95:29 105:40	quality 22:47
prohibits 77:24	130:13,29,43,46	provisions 128:26	purpose 83:38	116:33 159:41
project 15:37 35:41	130:48 131:12	142:43 156:31	86:20 93:19	quantitative
projected 89:36,39	132:7 133:13,16	proxy 1:41 2:23	purse 20:1,4	107:24
projections 86:3	134:31,35,43	7:35 8:26 89:34	113:29,44 118:42	quantities 134:13
projects 18:13	137:9 139:10	100:11	120:13,23 121:33	134:39
38:36 128:21	140:32,37 141:15	public 4:27 9:48	122:32 123:15,38	quarter 53:13
prolific 108:16	142:47 151:31	14:44,45 16:22	124:6 130:17	quarterly 14:7
promise 157:33	153:20	19:40 28:36 31:21	138:15 141:42	quarters 61:33
prompt 86:30	proposing 11:1,17	32:32 38:9,24,34	142:5 147:24	quasi 62:19
promulgated 44:14	117:36 128:9	63:5 74:20,23	148:8,13,17,21	query 61:15,24,26
proper 91:38	140:19 146:23	82:23,27 83:32	150:1,11,21	question 17:24
properly 155:17	153:2	85:32 88:32 92:26	162:27	18:48 19:9,10
proportional	prosecuted 58:19	97:20,44 106:44	pursue 35:27 50:26	26:2 28:14 30:10
147:32	prosecution 50:3	110:8,12,16,18	116:37	34:41 35:20 36:8
proportionally	54:17,48 147:38	111:6,46 112:5	push 145:33	39:29,34,38,42
109:31	prospect 72:30	118:27,27 143:19	put 14:41 26:31	40:3 44:39 45:23
proposal 38:39	protect 79:34,38	143:23,28 144:39	27:28 28:3 37:36	45:26,40 47:33
75:3 119:15,25	103:21	144:45 145:10,11	44:7 51:8 52:5	57:7 58:4,22 60:6
120:22 122:28	Protected 3:18	145:14,18,19,26	66:13 68:43 75:16	61:27 62:8,10
123:14 132:29	30:34	145:45 146:10	78:16 81:21 82:36	64:37 71:23,31
133:8,24 138:26	protecting 93:40	152:10,11,26,38	94:33 98:11	72:18,20 74:2,31
140:12 141:40	Protection 53:31	155:22 160:12	101:10 104:41	74:39 75:18 76:9

76:30 77:22,23,27	83:41 86:12,29,38	R	150:27,38 163:32	148:2,2 149:19
78:26 81:9 82:9	86:39,40,48 89:44		reaffirmed 75:44	151:24 152:10
95:10,39 96:6	91:6,16,47 92:41	radar 62:33	real 46:36 88:9	153:31 154:1,14
104:21 105:11	92:42 93:27 99:37	radius 98:19	92:45 101:5 118:2	155:12 156:22
106:21 108:32	100:39,43,45	Radonski 61:20	136:23,28,33	157:17,43,47
111:10 148:32	101:36,38,40,45	rail 131:25 137:37	158:17 160:20,22	158:36 161:27
152:40 153:5,6	101:48,48 102:5	raise 145:20 147:7	161:29	realtime 21:39 23:5
154:33 156:23,24	102:12,12,13,20	raised 137:15	realign 119:43	23:25 24:24,31
157:23 164:13	102:21,21,26,31	raises 76:48	realistic 39:1,6	25:33 29:35
questioned 99:38	103:3,17,27,32,33	raising 62:37	realistically 41:46	reason 17:13 21:36
questions 5:42 6:26	103:35 108:22	Ralph 2:1 7:12	reality 70:10	28:47 86:21 91:14
6:27 9:35 16:46	109:1,6,15,22,29	151:3,35,48	150:17	95:20,25 102:47
18:25 20:40 25:47	109:38 112:7,20	ramifications	realize 55:21	103:9 108:28
26:43 30:26 33:48	112:37,43 113:2,9	37:39 118:1	realized 27:44	158:30 159:44
34:2 39:45 40:36	114:5,11,25,29,39	Randy 2:15 7:40	realizing 59:25	160:31,46 162:15
44:25 46:37 55:30	115:13,14 117:16	46:24 60:4,17	reallocated 121:38	reasonable 20:21
66:20 68:17,20	118:15,18,32,38	82:36,37,38 96:28	123:16	58:36 107:13
71:21,32 73:21	119:6,43,48	98:33 104:5,44	reallocating 123:20	161:16
76:48 82:12 83:17	120:23,27 121:9	105:10 155:30	reallocation 117:16	reasons 48:13
83:19 86:1 91:20	121:15,18,23	range 30:46 32:43	118:19 119:16,47	108:29 114:1
92:22 97:9 145:25	122:11,44 123:27	52:43 84:19,20,23	120:8,44 122:27	122:41 123:18
152:23,32	123:37,42,46	89:7,15 102:37	129:26 134:46	125:16 131:2
Questions/Com...	124:2,17,19 128:6	139:5 140:33	147:30 148:4	159:31
3:12,16,26,35 4:3	130:4,19,30,32	158:7,13	163:21	reassess 118:47
4:7,13,19	131:47 134:46	ranking 146:28	reallocations	127:30
queue 150:48	136:5 139:36	rapid 85:41 88:35	154:29	rebuild 36:24 69:3
quick 5:22 26:43	140:11 142:30	rapidly 142:31	really 5:43 6:25	115:37 162:8
29:12 30:39 49:13	143:2 145:40,48	rate 102:30 159:33	8:39 16:31,35	rebuilding 14:48
78:26 82:48	148:42 149:18	rates 12:9 91:13	18:33,44 19:21	rebuilt 35:37 68:41
101:34 105:47	150:14,18,21	104:8,20 127:29	23:13,13 24:21	68:42 83:42 86:9
108:32,46 109:12	151:42 154:12	128:23 136:29	37:37 38:24,33	116:26
151:5,7	158:42 161:17,18	ratio 126:34 134:12	39:6,16 40:5	rec 7:46 62:44
quickly 35:38	161:19 163:21	Rauch 4:11 66:25	47:35 50:28 54:26	recall 10:38 13:14
49:30 69:45 83:6	quotas 10:27,29	68:11,18 72:19	56:35,35 58:40	14:37 21:26
84:38 86:47 87:4	11:6 14:47 15:11	74:30 75:19 76:28	70:20 71:6,39,43	146:40 159:2
132:16	21:40,41 28:30	79:32 81:8 82:11	72:9 73:37 74:19	recap 18:4
quieting 110:6	91:7 99:13,22,33	82:14	74:40 76:23 82:21	receipt 31:37
Quit 153:46	112:25 113:5,10	reach 119:25	90:25 92:27,38	receive 22:46 23:6
quite 6:37 19:42	113:32 115:46	129:35 150:13	96:7 98:10 99:12	24:5 29:24 122:45
25:14 37:13 48:4	116:41 117:20,37	reached 78:7,8,11	99:18,43 100:7,22	123:7 134:43
48:9 62:2 73:3	119:28 129:34	109:28 132:43	100:31 101:11	received 27:3 32:14
74:21 76:13 93:8	130:38,38,44	149:47	104:12 106:1	32:40 33:5,21
93:12,46 94:15	136:36 140:47,47	read 33:30 57:17	107:39 110:19,46	45:13 83:9,13,14
95:1 97:18 98:25	142:42 148:35,37	152:46 156:5,28	111:5 113:13	85:30,31,44 86:1
106:11	148:39 150:7	156:33	116:11 117:5	86:22,24 87:24
quota 11:16 21:38	158:3	reading 16:29	123:4 124:13	88:14,18,42 97:21
24:27 29:13 79:19	quota's 150:4	37:16	139:40 147:26	116:8
		ready 13:42 145:7		

receiving 91:19	98:3,4 101:13	reflects 137:14	163:18	remained 122:46
recognize 110:43	105:34 107:36	refund 37:28	regulate 35:13	remaining 15:40
118:29 120:11	139:12 140:45	refused 159:39	75:25,41 77:28	20:34 101:36
143:41 146:26	141:1,4 163:44	Reg 12:21	regulated 76:16,18	115:42 116:40
152:26	recreationally	regarding 35:16	76:25 119:6	148:17 159:7
recognizing 19:15	52:22 57:32	65:20 86:2 88:15	regulation 38:30	remains 123:12
100:17 142:17	recreationals 63:21	88:43 111:40	99:7	remarkable 116:10
157:17	recurring 14:19	113:39 116:30	regulations 15:26	remarkably 16:42
recollection 28:26	red 32:29 43:17	122:17 131:5	22:17,35 24:38	remarks 4:8 18:32
recommendation	113:8 151:11	135:16,38 136:37	35:15 53:40 84:13	101:25
112:26,32 119:29	154:6	145:40,47 153:14	90:9 91:48 92:16	remember 56:31
recommendations	reduce 11:17 25:6	regardless 22:43	115:18 116:1	146:48
112:35,41 113:15	116:15 118:37	72:40 116:36	138:39 142:13,39	remind 158:19
113:26 115:10	124:35 157:25,35	142:7 143:9	142:44 161:13,35	reminding 19:31
119:33 123:29	161:2,3,36 162:31	regards 61:38	Regulatory 19:27	removed 65:19
142:42	162:33 163:1	83:17 84:17 85:45	69:36	removing 87:33
recommending	reduced 48:37	87:5,25 90:28	reiterate 74:32	renegotiated 12:47
50:40	reducing 116:18	91:21 97:24	reject 80:24	14:17
reconsider 79:30	117:30	116:25 117:22	relate 50:5 127:9	renewal 14:6
reconstruct 120:2	reduction 11:18	132:5	related 8:37 55:12	renewed 25:19
reconvene 109:44	15:37 37:48 48:36	regenerate 127:15	71:12 105:6	reoccurring 54:41
record 23:40 40:45	48:44 99:25,43	Reghi 4:5 60:26	149:11	rep 7:47 8:31 92:33
40:46 66:41 68:39	115:14 122:14	63:36,37 64:39	relates 129:14	repatriated 42:42
68:40 82:30	reductions 68:48	66:6,18	134:13 143:31	repeat 42:30 78:38
109:47,47 111:22	72:29 124:46	region 36:22,37	149:11	78:38,39
113:19 161:11	125:30	55:8,14 56:16	relating 22:33	replaced 159:28
recorded 23:18	redundancy 17:35	60:36,37 61:6,17	relation 126:11	report 21:28,34,45
recorder 8:39	reef 44:34	84:31,31,33 85:20	151:9	22:9,24,34 23:17
110:18	reel 90:4,12 128:1	91:42 106:24,24	relationship 55:40	23:27,29,31 25:41
recovery 38:20,43	reels 159:29	106:29	119:7	28:44 29:9 46:28
38:46,47 39:5	reenter 124:9	regional 10:47 30:2	relative 44:15	64:7,7 65:37
133:32 156:42	reestablish 120:23	43:47 61:29 71:43	relatively 70:11	139:15 152:16
recreation 8:1	121:29	74:9 83:47 87:3	83:6 87:4 89:11	159:9,12 160:29
48:48 63:18	reevaluate 127:17	89:19 91:2,42	113:48 114:10	reported 23:23
recreational 6:8	reexamine 141:41	130:44	122:32,46 123:12	25:31 29:4 137:31
10:1,2 11:33,39	reference 99:32	regions 24:16	release 9:46 52:29	151:21
15:28 46:27 55:12	referred 46:45	48:10 50:42 84:30	82:5 160:46	reportedly 65:13
56:48 57:8,11,25	50:41 51:3 54:16	84:36,38,40,48,48	released 65:29	reporter 26:41
57:36,41 58:16,32	54:48 55:2 156:26	85:48 91:14	139:23,24	155:22,33
59:12 61:4 62:13	referring 44:38	143:29	releasing 9:40	reporting 3:14 5:32
62:21,27,32 63:1	74:14 119:15	register 38:42 92:5	162:19,22	10:4 15:24 21:13
63:15 64:16,22	130:36 134:3	153:13	relies 78:28	21:34 22:3,11,12
65:9 68:32,35	refine 125:48	registered 10:12	rely 79:26 156:13	22:17,18,36 23:36
71:3,4,6,8,12,17	136:30	11:46,47 91:33	remain 49:25 90:12	24:14,17 25:12,40
72:2 91:36 92:33	reflect 136:40	regrettable 80:18	157:27	25:42 28:18,25,28
93:17 94:22 97:14	153:22,32	regs 44:9	remainder 136:4	28:32 29:3,7,12
97:28,34,44,46	reflected 42:35	regular 28:7 83:26	142:24	29:20,33 51:43

55:18 64:13 65:35 116:36 122:18 136:17,34 138:10 138:14,16 139:17 161:22 163:18 reports 21:38 22:30 23:9,33 24:8,28 28:23 49:26 52:33 91:16 report's 164:20 repository 24:26 represent 26:45 82:26 representation 6:2 13:34 representative 2:7 8:20 49:1 98:3,5 148:14 163:47 REPRESENTA... 2:11,20 represented 72:10 163:40 representing 7:26 8:14 represents 113:7 request 26:21 33:9 37:34 143:10 requested 32:41 33:6 requesting 63:4 requests 70:29 141:46 require 13:15 40:18 76:37 79:44 80:32 133:16 required 12:41,45 21:28 46:28 48:38 66:4 75:48 106:20 131:34 133:33 requirement 14:3 28:21,24,32 80:17 81:13,34 138:4 requirements 13:26 22:4,11,12 25:23,24 29:4 92:1 116:36 127:19 128:15	133:9 137:32 138:11,15,40,40 142:19 156:41 requires 29:6 76:34 109:22 research 3:12 7:18 10:11 13:28 15:33 15:34 17:6,6,20 17:28,34 18:34,42 18:44 25:25 37:46 38:5 40:1,4,10,18 40:24,31,33 44:2 75:6,8 120:33 128:20 159:23 researchable 39:42 reserve 120:34,38 121:32 123:17,18 139:30 147:34 149:1,34,39 reset 119:31 140:38 resolution 69:32 80:31 resolve 129:13 152:20 resource 41:22,47 48:34 resources 2:18 3:18 7:29 8:5,19 13:39 30:34 41:21 44:6 44:8 64:46 65:2 65:32 108:27 137:16 respect 16:16,16 20:40 90:26 146:10 respectful 66:27 145:17 respond 46:20 65:4 97:11 responded 64:41 respondent 53:33 53:45 55:1 response 6:28 12:8 39:46 41:7 43:40 60:5 62:36 85:30 86:19,36 87:30 88:30	responses 6:4 83:10 responsibility 81:20 147:37 responsible 35:39 154:21 156:1,7 158:2 rest 16:21 26:48 70:44 80:13 145:1 162:44 restart 132:32 restaurant 66:31 101:19 restaurants 64:43 restrict 161:47 restricted 109:19 117:26 124:31 125:4 127:24,34 127:46 129:15,24 129:27 130:1 163:11,13 restricting 99:12 restriction 99:19 restrictions 58:12 110:36 result 114:16 115:2 116:16 117:32 resulted 131:39 results 48:41 resumed 66:41 retain 76:17 95:34 95:36 141:3 155:8 retained 137:38 140:34 retention 10:23 83:47 84:17 85:45 85:46,47 86:47 87:3,10,11,13 88:15,43 90:13,28 90:35 91:2,42 94:34 106:28 132:48 140:29 retire 160:4 retired 29:43 revamping 74:18 revenue 68:40 88:20,46	review 5:23 12:30 17:25,27,32,38 19:27 30:39 31:24 31:34,35,36 32:18 33:2,17,45 34:12 35:30,30 36:7,8 36:18 53:35 91:16 reviewing 64:31 132:24 140:14 144:30 reviews 31:15 33:41 36:4 revise 133:39 revision 21:12 146:45 revitalization 15:13 revitalize 15:1 116:27 reward 159:22 re-allocations 100:29 re-build 160:24 re-estimation 15:31 re-exports 13:16 re-fish 60:34 61:39 61:45 re-initiate 14:31 re-promulgating 44:17 RFMOs 39:21 RFPs 18:13 Rhode 7:23 108:10 Rich 7:10 19:12,13 20:39,42 45:24 46:18,33 47:46 71:28 73:32 74:29 107:34,46 109:14 146:11 150:28 151:36 RICHARD 2:1 Rich's 48:3 Rick 1:27 2:5 4:16 7:22 8:21 29:40 30:15 63:10,12 82:36,44 90:21	92:30 93:4 95:26 95:48 140:15 147:6 Rico 47:39 ridden 155:44 right 5:15 8:43 16:41,43 17:10,25 20:35 21:11 26:46 28:24 29:32,48 30:19,28 32:48 33:16 34:1 35:18 36:10,38,42 37:48 39:45,48 51:27 60:24 63:3,48 64:46 66:37 69:14 71:37 72:32 73:10 74:20 75:25 76:7 76:18 78:18 79:45 79:46 80:1,7,18 80:30,33 81:9,11 81:47 82:13,31 85:8,15,26 90:40 91:23 92:11 94:20 95:19 96:32 97:33 97:39 98:8 99:22 100:31 102:8,22 102:27 103:15 104:41 105:19 106:17 107:35 114:46 117:17 122:16,39 124:36 127:13 130:12 132:3,4 133:10 134:43 137:9 138:25 139:10 141:43 145:23 146:7 148:35 150:47 154:17 155:21,27 156:44 156:47 157:27 158:41 159:3,22 160:2 163:31 164:18 rights 53:44 160:6 rigorous 22:47 ripple 130:41 risk 86:48
--	---	--	---	--

risks 132:14	150:37,42 160:37	safer 100:23	75:45 80:38 92:36	score 127:15
road 17:19 22:25	ruined 94:27	safety 52:33 62:15	92:40 106:6	134:42
28:13 107:28	rule 6:5 10:28,33	142:19	148:18 149:12	Scott 1:20 2:3,28
112:1 131:5	10:45 16:9 28:27	SAFMC 2:22	150:10 154:37	3:3 5:14 7:4
158:11	28:34,36 31:46	Sail 7:15	scale 87:15	18:18 58:13 59:44
ROBERT 1:34	32:4,8,19,33,35	sailfish 11:43	scaloped 3:20	76:11 80:38 93:13
robust 114:43	40:13,15,20 70:39	sale 51:46 52:20,21	31:12 32:13,22	95:3,4 97:41,43
rod 90:4,12 127:48	77:10,42 78:14,44	52:22 62:13,17,44	35:26,31 36:5,22	98:26 103:38
rods 159:29	78:48 79:14 82:46	63:18 132:11	36:29	144:48 154:32
Rogers 12:42	83:1,3,9,26,31,34	sales 62:32 63:1,15	Scanlon 160:15,16	155:24
role 71:39 75:47	83:36 84:11 85:31	65:1 101:13	scenario 57:43	screen 26:13 37:7
112:11	86:20,25 87:32	Saltwater 8:17	scenarios 73:14,15	113:27
roles 15:48	88:18 89:38 90:14	Salz 15:32	scene 40:43 42:39	screenshot 26:15
roll 118:26 123:30	90:25 91:21 92:4	Sam 66:25 68:11	43:1	screwed 42:24
149:2	92:27,29 93:19	71:31 74:29 82:5	schedule 16:43	SCRS 99:17
rolled 138:5,13	98:23 104:43	82:9,29 104:38	23:45 53:18 55:4	scrutiny 62:26
rollover 13:3	106:15 111:38	137:15 143:8,14	55:5 61:39 62:3	136:15
151:45	143:38,43 152:5	sample 49:1	64:3 82:16	sea 9:18 43:11 46:5
rollovers 151:43	ruled 34:13	sampling 91:4	scheduled 106:37	46:8 52:28 80:48
Rom 7:38 39:26,27	rulemaking 3:7	137:25	schedules 14:7	81:16 104:23
45:27 105:20	12:45 14:21,37	Sampson 2:2 8:6,6	52:42,42 55:7	Seaboard 141:39
Roman 19:21	15:24 136:21	Samuel 4:11	74:8	seafood 7:5 64:42
ROMULUS 2:2	rulemakings 24:33	sanction 54:21	scheduling 152:38	68:33,34,34
Ron 1:29 15:32	25:35 140:24	sanctions 23:43	schooling 36:31	Sean 1:41 7:35
68:7 93:12,15,16	rules 5:24 6:20	sanctuaries 74:41	schools 124:12	season 14:13 39:21
95:2,5 96:32	9:38,39 11:22	74:45 75:24,41,46	142:1	86:46 123:20,28
97:18,42 101:31	14:26 15:14,19	76:2	Schulze-Haugen	seasonal 89:9
105:18,28,45	70:10 115:18	sanctuary 75:3,25	2:33 3:5 4:9 5:3	seasons 68:22
106:16,37	138:39 142:13,39	75:26,29,35,46	8:43 17:7,11,39	season's 124:1
Ron's 97:11,32	161:8	sanctuary's 75:10	18:20 19:5 21:2,6	seat 155:27,29
room 5:24 6:41,45	run 94:30 95:43	75:22	21:10 27:48 66:35	seats 5:6 68:4,5
49:4 90:23 102:35	123:33 130:25	Satisfaction 12:6	68:3 82:35,39	110:4,7
103:29 145:9,21	144:18	save 135:17 145:26	95:41 100:46	second 9:10 32:43
146:19 150:48	running 10:6 13:47	152:32	102:29 103:24	42:18 53:23 68:39
158:5 161:33	61:16 63:46	Savings 14:28	104:36 106:40	72:17 84:5,22
rough 105:30	runs 73:11	saw 11:36 36:27	107:32 110:26	90:22 101:45,48
round 15:21 28:5	rush 103:23	71:11 92:38,46	145:30,36 146:3	102:8,9 125:3
72:17 164:21	Russ 70:48 71:1,18	93:39 95:26	155:26 164:12	146:30 152:41
route 18:23	Russell 1:33 72:4	118:20 157:2	Schwaab 69:23	153:6
routinely 58:33	rusty 8:29 29:40,41	sawfish 38:3,13,14	science 8:14 12:4	secondary 25:20
row 18:3	35:19,21 39:28	38:18,39,40,45	13:35,36,44 18:11	secondly 57:7
Ruais 2:1 7:10,10	58:14 60:18,19	39:5 40:28	18:24 27:11,12	secretary 69:9,10
19:13,13 46:35	132:45	saying 23:30 27:37	35:40 36:21	69:20
47:1,3,6,10,12,22		27:42 35:1 59:20	scientific 99:21	Section 49:46
47:25,32 71:29	S	79:23 104:4	158:8,9,13	50:32,45
73:33,38 107:47	safe 52:28	109:24 147:46	scoping 111:36	sections 82:26
146:12 150:30,33	safely 86:16	says 38:42 60:21	127:37	sector 7:5 58:40

59:12,13 61:9,34 61:42,44 76:12,19 97:36 163:21 sectors 163:40 security 101:21 see 5:17 9:11 11:5,7 11:34,41 17:8 23:47 25:43 26:10 27:24,34 29:48 31:6 33:46 34:27 35:25,42 36:23 37:6 39:3 41:36 42:36,47 47:17 56:30,37 57:5 60:46 61:48 66:35 66:37 68:5 71:21 78:47 79:22 85:9 86:48 92:38,39,44 99:16 100:6 101:5 101:11,27 103:17 105:40 106:5,14 108:14,23 111:24 111:39 113:6,11 114:22 116:2,7,42 118:42,47 119:34 122:13 125:29 128:21 132:20,25 133:36 134:20 135:46 136:22 140:4 144:45 145:13 146:34 147:41,45 148:47 149:5 154:29 158:12 160:4 162:17,21,23 163:6,10,16,20 164:22 seeing 9:5 35:39 43:32 52:9 56:15 56:19 103:10 112:5 114:46 124:29 136:10 seek 27:6 seen 24:48 25:13 27:27 49:27 60:23 100:16 123:45 125:43 141:25	143:30,31 154:9 segment 64:28 138:24,43 segments 30:41 segue 129:33 150:36 segueing 122:26 seine 20:4 113:30 113:44 118:42 120:13,23 121:34 122:32 123:16,38 124:6 130:17 138:15 141:42 142:5 147:24 148:8,13 150:1,21 seiner 148:17 seiners 123:10 148:21 150:11 162:27 seining 20:1 seize 49:16 seized 42:12,42 54:23 select 104:37 121:6 128:40 selected 52:32,34 101:10 126:24 128:28 137:30 138:41 selection 101:11 156:13 selective 83:41 86:9 163:23 self 156:13 self-initiate 31:22 self-introductions 5:25 sell 92:8 93:37 96:12 101:19 115:22 142:16 selling 25:3 57:23 63:20 64:42 65:10 132:15 154:13 sells 57:22 semiannual 91:46 senate 69:44 72:47 73:2	send 23:34 59:10 66:28 164:5 Senior 71:2 sense 117:18 125:5 145:6,6 147:3 sensitivity 128:43 sent 12:6 23:30 58:40 77:11 separate 84:15 separately 56:13 September 1:14 19:8 42:47 49:27 50:44 92:5 sequence 49:40 sequester 72:27,28 72:34,41 73:5,6 sequestration 41:25 48:26 64:48 sequestrations 48:7 series 5:28,41,45 5:48 13:47 15:14 27:38,41 40:48 164:7 serious 19:23 74:15 97:9 seriously 6:26 50:28 56:35 seriousness 19:18 server 30:20 Service 1:3 13:24 69:20 72:22 73:26 75:22 77:32 79:47 80:3 86:37 155:45 services 66:9 72:46 73:22,26 75:17 session 4:8 152:26 sessions 5:48 6:3 110:3 163:38 set 66:23 76:26,36 83:7 105:42 106:38 112:7,27 112:28 113:22,35 115:11 119:38 121:1,17 124:5,19 126:42 129:12 130:29,43,46 131:12 133:36,43	134:21 141:43 152:28 setting 99:31 settled 147:22 settlement 23:45 53:18,22,23 54:44 55:4,5,7 63:47 64:3,17 settlements 54:5,26 seven 19:33 25:17 75:35 78:31,34,35 83:32 101:43 112:20 severe 61:40 SF 63:40 Shaefer 69:28 shaking 60:47 146:24 shallow 46:47 Shana 1:39 68:8 152:29 shaping 6:5 share 6:23 17:14,42 18:3 103:42 130:32 146:29,31 146:36 147:20,32 148:5 154:19,30 160:38 shared 6:35 13:41 shares 15:5,26 68:13 130:30 132:11 133:44 134:31 146:46 148:20,21 sharing 18:39 79:11 147:17 shark 6:7,10 8:8,10 9:41,46 10:11,32 13:13,45,48 14:4 14:23,24,27,28,30 15:16,34,43 21:40 25:25 29:44 30:1 31:12,16,17 32:14 32:39,41 33:1,6 34:36,38 36:31,32 37:33 40:23 42:16 49:11,14 56:19,33	65:5,6,22,39 76:14,31,34,35 77:43 78:14 sharks 3:21,23,24 11:19 12:11,28 14:18,29 15:30 18:41,44 21:31 26:48 30:38 32:22 33:21 37:41 43:23 44:32 49:31 51:41 52:11,12 76:37 91:36,38 shark-related 51:40,42 Sheraton 1:19 shift 82:19 124:26 130:48 142:34 145:47 shifting 64:14 124:18 139:25 149:22 shook 135:16 shop 95:35 shore 90:48 shore-side 46:4,6 short 66:33 68:47 101:41 116:11 132:28 136:13 154:34 162:43 shortly 54:34 70:43 shot 26:13 show 25:1 26:34 43:12 47:15,16 87:35 96:47 101:18 106:34 125:22,38 130:5 145:13 148:29 showcase 45:20 showed 74:23 123:35 showing 10:7 49:14 113:26 151:8 shown 125:25 128:12 134:37 shows 26:27,28 137:36 shred 20:17
---	--	---	---	--

shrimp 56:20	sister 74:40 75:21	28:30 36:33 70:11	37:31,32 39:9,15	61:6,12 62:12,48
shrink 73:18,19	sit 9:1 72:36 144:46	73:23 90:34 91:27	40:21,22 45:24	65:21 84:43 87:41
shrinking 73:27	site 65:7	104:24 110:15	49:9,10	98:29,31 108:9
shut 75:3 127:2	sits 27:29	111:11 140:48	soon 12:31 57:4	141:7,8,11,18
159:5,27	sitting 69:37	143:4 163:38	60:28 61:16,21	149:24
shutting 125:46	103:40 107:37	164:6,14	64:37 69:19	southeast 13:35
shy 108:22 113:30	situation 43:28	smaller 60:14 88:2	102:20	27:10 28:8 30:2
113:33 121:33	59:18 72:22 76:4	smallest 85:20,27	sooner 102:24	41:43 42:3,29
123:39 146:14	76:44 77:2 81:16	smidge 41:35	sorry 17:39 19:7,9	50:41 55:14 56:16
sick 111:25,42	situations 61:35	Smith 72:4	27:38,40,41 30:27	57:27 65:31
side 24:41 46:43,44	six 32:9,21 68:41	Smooth 37:19	42:23 45:27 51:23	141:21
62:23 90:22	75:35 83:12 85:22	Smoothhounds	57:39 73:30	Southeastern 7:2
110:39	87:10 108:25	14:27	101:43	12:3 85:42 103:39
sidebars 135:23	109:29 145:22	snail 144:27	sort 21:34 22:22	southern 7:33 44:3
sides 8:48	150:48 155:43	snapper 43:17	23:48 24:41 27:27	141:26
signed 19:2	sixth 89:20	154:6	28:39 31:28 39:23	southward 90:43
significant 30:46	six-fish 84:19,23,30	snapper/grouper	40:2,32 45:7	space 6:14 151:43
42:7 48:10 56:24	size 8:36 13:7 60:14	61:44	50:22 51:40 53:42	Spanish 47:40
87:17 104:39	92:1 108:10,40	snapshot 9:31	59:35,38 73:44	spawning 88:29
106:46 112:38	131:17 133:20	soak 37:47	97:5 115:19	speak 47:42 68:19
114:47 120:12	140:48	social 125:47	116:34 126:42	108:1 151:1
125:32 130:10	sized 99:23 133:17	Society 12:12	128:6,18,34,35	155:23,31 156:14
significantly	sizes 42:15	socio 124:42	129:1,20 132:1	160:13 162:42
162:27	skewed 113:42	socioeconomic	133:25,33,37	speaker's 155:30
silence 6:30 147:6	115:3	24:30	136:16,31,47	speaking 47:43
Silver 1:19 5:19	skipjacks 21:32	sold 57:33,34	137:11,25,26,34	59:28 71:36
49:46 50:35	42:6	133:18 139:19	139:7,13,16 149:7	speaks 47:40
similar 11:12 33:4	slated 66:26 145:10	141:5	149:14 153:25	118:40
36:29 57:9 89:37	sledge 125:45	solely 17:26	154:12,42,45	special 63:37 64:40
90:33 92:19 93:8	sleeping 156:4	solidify 132:19	156:23 163:48	65:8 85:2
139:11	sleepless 155:44	solution 79:22,31	Soto 100:37 104:1	species 1:5 2:31
similarities 138:31	slide 44:34 48:6	80:26,37 107:14	104:18	3:17 5:31 9:45
Similarly 88:42	65:46 92:35 93:18	162:40	sound 56:42 111:25	10:36,37,46 11:30
89:25	101:34	solve 43:45 148:42	147:16,17	13:13,18,48 23:11
simple 19:46 46:36	slides 43:12 49:14	148:44	sounds 79:45 94:22	24:11 25:40 29:26
76:47 162:15	120:4 142:33	solved 150:20	111:42 150:16	30:30,40,42,44,45
simplify 15:4	slightly 118:19	158:20	source 48:15	30:47,47 31:3,10
simply 46:16 60:45	131:15	somebody 39:43,44	115:29 131:26	31:13,14,14,18,18
96:27 97:3 148:4	slipped 59:8	55:45 96:41 106:2	sources 112:35	31:19,20,29,33,33
149:20 161:21	slips 134:1	119:18 126:30	114:17,42,44	31:39,44,47 33:1
single 51:29 68:42	slot 69:37,40,43	127:18 132:15,15	115:12,17 118:32	33:27,28,29,31,32
84:20,24,31	slow 19:42 20:35	132:37 142:14,29	119:40 121:14	33:37,39,41,44
110:17 144:26	109:35 132:20	150:18 162:42	136:3 137:22	34:12 35:6,16
singular 75:40	slowly 64:11	somewhat 106:44	south 7:29,42 8:21	36:2,4,44 37:44
sink 14:42	slush 147:34	113:42 114:15	10:24,25,29 12:45	38:19,26,43 40:5
sir 66:18 71:30	small 6:39 10:42	124:4	34:5 37:8 41:32	40:11,25 41:39
158:23,23 163:7	11:16 16:33 27:1	Sonja 1:30 8:9	58:18,30 60:35	42:11,23 43:7,10

43:13,18,18 44:32 44:35,37 51:36 52:13,23 60:38 61:41 65:37 66:7 76:15,25,27 86:9 101:13 111:23 115:25 116:38 124:48 126:8 132:7 134:2,4,6,7 134:14,40 142:35 143:2	spoken 106:48 Sports 8:17 spot 79:25 98:12 125:23 159:5 spots 103:47 151:11 159:21 spread 11:12,17 Spring 1:20 5:19 49:47 50:35 Sprtel 50:1 square 75:4 SSC 19:34 St 82:44 85:23 stable 73:16 stacked 123:9 staff 3:14,30 4:2,5 4:9,17,23 9:4 16:36 22:30,45 70:11 104:6 111:41 163:5 Staffs 43:40 stage 83:7 119:34 staggered 124:5 stairs 56:22 stake 72:10 stakeholders 73:40 stand 43:16 75:9 111:40 135:27 152:19 standard 19:28 62:10 143:39 149:7 standing 34:45 standpoint 96:7,19 96:38 stands 138:26 Starbucks 6:36 start 5:42 50:7 68:26 80:19 92:31 110:4 113:38 114:16,24,27 116:29 123:19 130:24 131:4 132:7 141:43,48 145:10,33 146:3,5 152:27 153:30 155:37 156:42	158:45 started 5:7 19:22 38:20 43:30 68:4 69:10,32 80:28 112:18 158:27 starting 15:19,20 103:18 113:13 118:17 125:18 137:23 139:27 141:42 145:41,42 153:26,40 starts 64:4 134:36 state 2:11 9:7 22:5 22:7 25:36 29:5,6 45:14 46:29,30 50:20,25 76:13,18 76:39,41,47 77:1 77:18,23,35,44 78:10 97:22 155:32 163:46 statement 8:39,40 16:47 19:27 34:18 51:44 111:21 163:29 statements 155:41 states 12:27 15:27 27:11 40:16 56:3 77:6,7,8,27 78:16 93:22 94:46 109:21 115:30 123:25 statesman 153:44 station 42:13 stations 46:28 statistics 9:37 status 17:25 31:15 31:34,35 32:17,29 33:2,17,41 34:12 34:43 35:11,30 36:7,18 83:42 statute 75:45 156:37 157:7 statutes 53:2 statutory 33:2,19 34:25 stay 66:32 82:7 102:38 103:32,33	142:27 stayed 13:4 steadily 102:27 steady 71:10 Stellwagen 75:2 stem 64:12 step 14:35 16:32 161:14 Stephen 2:23 stepped 56:1 93:3 steps 38:35 43:25 step-by-step 22:23 Steve 7:14,48 8:26 45:23,24,45 56:26 64:33 65:44 74:36 STEVEN 1:35 2:3 Stevens 115:37 stick 132:45 159:32 159:34,40,41 sticking 29:18 sticks 159:29 stirring 163:33 stock 24:36 27:3,25 35:46,48 86:18 99:10,27 160:22 160:33 161:29,30 161:31,41 162:16 stockpiling 132:28 stocks 68:41 69:3 115:38 160:25 161:39 162:9,24 stone 110:46 stood 56:2 stop 15:18 37:48 71:19 75:18,33 128:48 157:44 stopped 42:41 store 65:11 stored 24:25 stowage 129:21 straight 98:15 112:2 straighten 6:42 straightforward 19:47 straits 80:30 88:4 95:6 96:14,26,36	103:46 162:3 strategic 44:14 72:34 strategy 163:42 stream 144:11 streams 126:18 street 82:25 111:39 strengthens 137:33 stretch 111:44 142:32 stretched 64:46 strike 142:25 stripped 139:27 strive 6:1 145:27 strong 5:28 103:34 129:43 stronger 117:34 strongest 38:10 103:25 strongly 14:9 70:21 71:16 struck 39:29 structure 15:3 structured 20:44 struggle 127:18,20 struggles 114:31 struggling 118:33 120:20 121:20 136:10 Stuart 7:7 stuck 108:3 study 12:29,31 43:30 stuff 30:3 35:43 37:9,12,26 60:31 61:33,33 81:4 107:37 118:26 155:12 stupid 19:9,10 sub 84:37 subgroups 74:10 subject 35:8 156:30 157:7 subjects 17:47 submissions 12:35 submit 22:29 23:31 28:22
---	--	---	--	---

submitted 23:29,33 35:23 126:38 127:20	19:26 89:9	switch 159:8,13,15 159:45	89:42 95:37,38,38 96:5 102:34 124:5 124:6 133:11,13 135:4 136:34 137:12 139:14,16 139:20 147:17	144:23,24 145:24 148:9,9 150:9,46 152:5,17 153:19 153:36 154:46,46 159:42
submitting 52:32 144:21	supported 68:35 86:6 107:48 109:14 147:8	switching 28:29	Systems 14:23	taken 23:40 24:41 43:23 50:27 82:15 93:46 102:5 117:21 127:41 150:17 153:29 161:17,19
subsequent 122:45 123:43 131:46 135:18	support 22:30,44 37:47 85:35,35,46 86:23 97:14,18,19 97:27,45 106:47 146:43 147:3,11	swordfish 4:15 5:38 10:27 11:34 12:46 13:2 14:16 15:1,12 18:23 20:24,33 21:31,40 27:1 29:45 30:1 51:48 82:33 83:40 83:42,46 84:4,6,9 84:13,36,40 85:2 85:5,21,39,42 86:11,28,29,33,34 87:6,12,13,23,26 87:28,32,38,40 88:1,16,24,29 89:2,48,48 90:11 90:15,17,19,20,30 90:33,36,41,42 91:18,28,32,43,44 91:45,47,48 92:6 92:9 93:28,30,38 94:23,25,29,31,32 94:47 95:13,14 98:14,17,38,41 99:9,40 100:14,35 100:37 101:16 102:37 103:6 104:13,19,20 106:30,31 108:3,9 108:15,40 115:25 116:24 124:48 133:4 154:22 162:8,8	S-E-S-S-I-O-N 68:1	take 23:40 40:29 96:27 108:27 136:17 148:41
subset 70:2 163:48	supporting 86:2 98:5	supremacy 77:1	table 6:22 17:29,30 18:11 40:47 71:37 78:40 98:48 118:36 121:48 123:1 128:18 129:13 146:8 151:2	take-away 85:34
subspecies 30:41	suppose 127:13	Sur 46:38	tables 33:38,42	talk 12:22 15:32 16:32 17:5 18:25 27:32 39:48 49:31 53:22 55:46 56:13 60:27 63:42 68:27 69:8 70:7,44 71:5 71:20 79:28 81:34 82:21 108:5 110:22 148:40 149:34 150:39 151:37 152:8 162:46,47 163:5
substantial 31:25 31:31 33:11 61:46 61:47 86:24 125:29 134:8 149:23	supposed 23:27 36:3 48:21 61:21 152:27	sure 13:25 20:11,36 21:10 22:15 29:35 39:37 45:43 49:40 58:11 62:19 63:44 64:2,13 72:2,38 73:33 75:8 81:30 82:2 93:14 96:2 98:11 102:7 104:48 108:7,13 119:8 145:35 146:25 149:21 157:29 160:3 164:4	tag 49:37 72:3 82:34 158:7	talked 17:22 24:4 64:27 70:1 96:29 103:30 104:5
success 159:33	surely 13:25 20:11,36 21:10 22:15 29:35 39:37 45:43 49:40 58:11 62:19 63:44 64:2,13 72:2,38 73:33 75:8 81:30 82:2 93:14 96:2 98:11 102:7 104:48 108:7,13 119:8 145:35 146:25 149:21 157:29 160:3 164:4	surrender 25:11,16	tagging 15:28 36:43 65:28	talking 14:35 15:18 16:27 22:44 37:34 38:45 41:9,20 47:36 51:13 62:41 63:13 70:24,25 81:26 82:18 104:46 106:42 108:26,48 114:20 117:9 131:23,23 132:47 149:42 152:37 157:41 160:22
successful 9:8 108:38 139:3	surrendered 25:7 25:14 30:8	surrendered 25:7 25:14 30:8	tail 135:44	talks 35:32 44:43 149:10
succinct 74:47	survey 10:9 12:7 13:45 15:31	survey 10:9 12:7 13:45 15:31	tails 65:19	tally 41:22 43:22
sudden 117:40 123:22 124:7,11 124:16 127:23,27 128:45 129:2,4,9 129:11 132:42,47 136:20 137:7 142:31 144:9	surprise 146:37	surprise 146:37	take 5:6,36,41 6:26 14:34 16:31 29:28 30:29 36:48 38:35 40:7,9,10,14,41 48:5,29,39 54:13 56:35 57:28 62:48 64:29,36 68:4,5 68:10,20 69:45 70:20,27,36,38 77:33,36 78:46 90:26 93:25,32 96:33 99:25 101:37 102:20,23 102:30 103:45 107:30 109:43 112:44 115:9 117:7 122:38 126:28 127:38 128:10,29 131:32 131:41 132:8 135:32 137:30 138:41,44 139:47	target 80:42 94:28
suffering 71:45	surprised 150:1	surprised 150:1	tagging 15:28 36:43 65:28	
suggest 17:37 20:47 74:6 75:9 93:44 94:7,17	surrender 25:11,16	surrender 25:11,16	tail 135:44	
suggesting 73:46	surrendered 25:7 25:14 30:8	surrendered 25:7 25:14 30:8	tails 65:19	
suggestion 38:38	survey 10:9 12:7 13:45 15:31	survey 10:9 12:7 13:45 15:31	take 5:6,36,41 6:26 14:34 16:31 29:28 30:29 36:48 38:35 40:7,9,10,14,41 48:5,29,39 54:13 56:35 57:28 62:48 64:29,36 68:4,5 68:10,20 69:45 70:20,27,36,38 77:33,36 78:46 90:26 93:25,32 96:33 99:25 101:37 102:20,23 102:30 103:45 107:30 109:43 112:44 115:9 117:7 122:38 126:28 127:38 128:10,29 131:32 131:41 132:8 135:32 137:30 138:41,44 139:47	
suggestions 15:22 15:41,46 25:47	survive 152:21	survive 152:21	take 5:6,36,41 6:26 14:34 16:31 29:28 30:29 36:48 38:35 40:7,9,10,14,41 48:5,29,39 54:13 56:35 57:28 62:48 64:29,36 68:4,5 68:10,20 69:45 70:20,27,36,38 77:33,36 78:46 90:26 93:25,32 96:33 99:25 101:37 102:20,23 102:30 103:45 107:30 109:43 112:44 115:9 117:7 122:38 126:28 127:38 128:10,29 131:32 131:41 132:8 135:32 137:30 138:41,44 139:47	
Sullivan 69:15,19	sustainability 68:47 86:18	sustainability 68:47 86:18	take 5:6,36,41 6:26 14:34 16:31 29:28 30:29 36:48 38:35 40:7,9,10,14,41 48:5,29,39 54:13 56:35 57:28 62:48 64:29,36 68:4,5 68:10,20 69:45 70:20,27,36,38 77:33,36 78:46 90:26 93:25,32 96:33 99:25 101:37 102:20,23 102:30 103:45 107:30 109:43 112:44 115:9 117:7 122:38 126:28 127:38 128:10,29 131:32 131:41 132:8 135:32 137:30 138:41,44 139:47	
summarizing 18:18 63:25	sustainable 2:30 8:30 29:42 35:22 60:20 68:44 69:4 76:36	sustainable 2:30 8:30 29:42 35:22 60:20 68:44 69:4 76:36	take 5:6,36,41 6:26 14:34 16:31 29:28 30:29 36:48 38:35 40:7,9,10,14,41 48:5,29,39 54:13 56:35 57:28 62:48 64:29,36 68:4,5 68:10,20 69:45 70:20,27,36,38 77:33,36 78:46 90:26 93:25,32 96:33 99:25 101:37 102:20,23 102:30 103:45 107:30 109:43 112:44 115:9 117:7 122:38 126:28 127:38 128:10,29 131:32 131:41 132:8 135:32 137:30 138:41,44 139:47	
summary 12:23 23:45 32:1 53:18 53:21,23 54:5,25 54:44 55:3,5,7 63:46 64:3,17	sustainably 69:5	sustainably 69:5	take 5:6,36,41 6:26 14:34 16:31 29:28 30:29 36:48 38:35 40:7,9,10,14,41 48:5,29,39 54:13 56:35 57:28 62:48 64:29,36 68:4,5 68:10,20 69:45 70:20,27,36,38 77:33,36 78:46 90:26 93:25,32 96:33 99:25 101:37 102:20,23 102:30 103:45 107:30 109:43 112:44 115:9 117:7 122:38 126:28 127:38 128:10,29 131:32 131:41 132:8 135:32 137:30 138:41,44 139:47	
sums 154:36	swallow 158:35	swallow 158:35	take 5:6,36,41 6:26 14:34 16:31 29:28 30:29 36:48 38:35 40:7,9,10,14,41 48:5,29,39 54:13 56:35 57:28 62:48 64:29,36 68:4,5 68:10,20 69:45 70:20,27,36,38 77:33,36 78:46 90:26 93:25,32 96:33 99:25 101:37 102:20,23 102:30 103:45 107:30 109:43 112:44 115:9 117:7 122:38 126:28 127:38 128:10,29 131:32 131:41 132:8 135:32 137:30 138:41,44 139:47	
Sunday 5:9			take 5:6,36,41 6:26 14:34 16:31 29:28 30:29 36:48 38:35 40:7,9,10,14,41 48:5,29,39 54:13 56:35 57:28 62:48 64:29,36 68:4,5 68:10,20 69:45 70:20,27,36,38 77:33,36 78:46 90:26 93:25,32 96:33 99:25 101:37 102:20,23 102:30 103:45 107:30 109:43 112:44 115:9 117:7 122:38 126:28 127:38 128:10,29 131:32 131:41 132:8 135:32 137:30 138:41,44 139:47	
supplement 137:21 137:35			take 5:6,36,41 6:26 14:34 16:31 29:28 30:29 36:48 38:35 40:7,9,10,14,41 48:5,29,39 54:13 56:35 57:28 62:48 64:29,36 68:4,5 68:10,20 69:45 70:20,27,36,38 77:33,36 78:46 90:26 93:25,32 96:33 99:25 101:37 102:20,23 102:30 103:45 107:30 109:43 112:44 115:9 117:7 122:38 126:28 127:38 128:10,29 131:32 131:41 132:8 135:32 137:30 138:41,44 139:47	
supplemental			take 5:6,36,41 6:26 14:34 16:31 29:28 30:29 36:48 38:35 40:7,9,10,14,41 48:5,29,39 54:13 56:35 57:28 62:48 64:29,36 68:4,5 68:10,20 69:45 70:20,27,36,38 77:33,36 78:46 90:26 93:25,32 96:33 99:25 101:37 102:20,23 102:30 103:45 107:30 109:43 112:44 115:9 117:7 122:38 126:28 127:38 128:10,29 131:32 131:41 132:8 135:32 137:30 138:41,44 139:47	

94:31,32,47 126:8 133:8 145:28 targeted 96:7 134:2 134:40 targeting 88:24 Tate 7:33 taxpayer 80:2,6,32 taxpayer's 80:14 80:15 81:23 Taylor 2:3 7:4,4 58:14,15 59:3,47 76:10,11,11 93:13 95:3,4,4,16,20,25 96:6 97:31 98:27 154:33 teachable 59:45 team 19:34 38:46 40:42 41:1 49:37 82:34 tech 128:24 technical 71:39 79:9 151:7 156:24 technically 69:22 technique 133:37 Technology 13:36 tell 18:41 28:47 62:48 71:18 72:21 96:44 98:20 161:6 161:38 telling 69:35 70:18 tempered 59:39 tempers 59:41 temptation 63:30 ten 25:17 35:37 38:14 41:24 48:32 51:45 78:7 94:2 94:11 109:4 113:1 139:38,41,42 159:7 tend 73:20 105:28 tendency 115:2 tenth 72:32 ten-day 65:30 ten-year 44:15 term 68:47 86:17 132:28 136:14,14 147:10	terminal 35:34 terms 17:47 18:13 22:46 24:3 29:12 35:45 36:44 38:11 38:27 40:4 46:8 48:11 56:3 68:47 71:9 72:30 74:16 78:37 79:42 96:31 100:8,8 103:29 104:4,10,12,34 146:29 155:18 157:44 158:6 159:1 Terri 1:26 7:25 28:15,16 93:13 98:48 99:1 101:29 104:4 152:1,3,30 157:41 terrifically 99:4 territorial 76:40 testimony 82:6 Texas 7:30 8:3 22:26 24:9 61:10 103:48 112:3 thank 5:7 17:17,38 19:15 20:39 25:48 26:36 29:39 30:15 30:16 35:19 37:33 39:8,13,26 40:35 40:40 42:17 44:27 44:30 45:10,22 46:17,18,33,35 47:46 49:8,10,12 49:29,35 55:33 56:45 57:48 58:2 59:43 60:1,3,16 62:1 63:8,9,23 65:43 66:38,38 68:7,8,11,20,24 71:29 74:28 78:23 82:4,14,27,29 92:25 95:1 102:27 105:44,45 108:30 109:10,11 142:33 146:12 150:45 151:4 153:43 155:20,29 156:11	156:12,16 157:10 158:21,22,37 160:10 163:3,26 163:27 164:23 thankful 57:1 thankfully 144:28 thanks 16:41 18:17 18:26 19:11 20:38 27:2,47 34:29 39:9,14,25 45:8 47:48 48:1 55:33 60:17 66:19 71:30 74:29 92:30,32,48 93:11 95:2,40 101:28,29 103:36 103:38 107:45 109:40 144:41 151:34,48 154:31 163:4 theme 14:19 116:39 theoretically 81:11 81:12 thesis 144:43 they'd 68:23 thing 8:44 13:6 30:4 54:1 57:26 60:40 61:29 70:6 77:17 79:6 92:34 94:12 102:46 103:4,20 126:40 127:44 139:32 146:27 161:28 164:12 things 9:30,34 10:14 12:4,8 15:44 17:44 20:3 20:19 21:25 24:42 24:45 25:5 47:14 53:6 54:3,25 55:46 61:5 69:6 69:47 70:5,37,46 70:47 72:38,39 78:43 79:8,33 80:21 81:10,19,26 92:39 100:4 105:22 107:25	110:35,42 113:28 127:41 141:11 142:16 143:30,32 144:24 150:24 151:37 153:40 154:2 157:19 think 6:43 8:44 9:38 10:5 14:8,35 17:33 19:42,43,45 20:48 26:25,31 27:37,42 28:13 34:32,35 37:35,37 37:47 38:8,23,30 38:32 39:1,7,15 44:34 47:13 48:2 49:3 54:37 55:44 56:15,27 58:27,36 58:46 60:47 63:30 68:9,13,16 70:1 70:34,41 71:11,20 71:35,47 73:25 79:33 82:35 95:11 97:33,41 98:24 99:15 100:10,23 101:11 103:26,43 103:46 104:11,13 104:45 105:30,33 105:35,43 106:35 106:43 107:4,13 107:15,38,44 109:41 110:24,27 110:29,45 112:11 112:15 117:37 118:25 124:44 129:41 132:9,18 136:18 138:17 142:32 143:14,16 143:34 144:7,22 148:44 149:7 150:26 151:6,38 151:41 152:2,9 153:33,34 155:14 155:16,21,21 156:9,25 157:13 158:18,28 159:27 159:47 161:6 162:25 163:1,22	thinking 15:22 19:48 37:45 109:15 110:33 thinks 95:6 third 84:7,27 85:15 122:8 135:10 Thirteen 51:47 72:26 Thomas 2:3 7:48 7:48 65:45,48 66:2,16 thorough 124:21 133:26 thoroughly 74:12 thought 18:35 27:33 48:40 66:13 132:26 154:2 156:28 158:3 thoughts 16:6 thousands 157:40 158:40 threat 42:21 43:3 43:26,35,41,43 44:1 48:32 threatened 30:47 31:9,48 32:26,30 34:42 35:5,10 36:14,35,45 37:1 40:6,12,18 threatening 86:17 threats 48:17,39 three 5:48 11:47 13:20 17:20 18:39 19:2 26:9 43:12 49:37 52:3 62:28 72:48 84:1 88:1 89:5 90:14,30 93:23,35 94:29,40 108:24 109:29 127:14 132:25 133:10 140:39 141:16 145:21,48 148:20,37,39 156:1,22 158:47 158:47 163:38,47 164:1 three-fish 88:45
--	--	---	--	---

89:13 94:48 97:25	125:16,26,28	164:4,8,20,23	track 15:46 22:43	tried 48:46 52:8
three-quarters	126:42,44 127:22	ton 112:26 120:3	24:22 82:7 119:18	54:2 95:28
19:4 135:7 155:2	128:46 133:47	121:1,17,30,36	tracking 100:25	trigger 28:27
three-year 60:41	134:19,22,25	122:7 130:35	137:47 144:4	trilateral 72:6
threshold 14:39	136:23,28,33	135:3,7,12	tracks 73:48	trip 22:6,22 24:7
131:12,15	138:9 141:28	tonight 162:43	trade 6:16 13:14	26:26 47:45 65:30
thresholds 114:13	142:38 145:2,26	tonnage 130:7	14:19 35:4,6,10	84:14 88:21,47
thrills 95:5	149:32,46 151:6	tons 11:28 86:39	50:5 55:18	90:10,15,17,20,31
thumb 29:18	153:37 155:1	89:40 94:17	tradeoffs 157:19	90:33 91:41 109:5
Thursday 6:15	160:20,22 161:29	101:35,42 108:21	traditional 146:46	126:26 128:30
12:43	162:12,41,43	108:34 112:29	146:46	131:9,34,35,36,37
tick 145:11	timeliness 116:34	113:31,46 114:9	training 81:18	131:43,46
ticket 22:6,22	117:46	122:22 123:48	trajectory 101:38	trips 22:25 92:9
26:26 54:45	timely 21:37 25:36	131:13 135:1	102:10,17	108:38 112:1
tide 64:12	28:41 54:36,41	147:44,48 151:47	transcript 8:41	128:35,40 137:45
tier 135:9	126:37 127:21	154:38,39 157:26	transcripts 116:6	138:20
tiered 133:11	times 37:47 79:37	tool 38:25 39:18,23	transfer 10:31	troll 100:41
tiers 135:4	86:14 112:47	54:26,35 123:23	148:7	trolling 100:36
tight 28:31 71:38	124:38 142:8	137:24	transferred 11:28	trophy 10:24 45:31
Tim 1:42 7:6	147:14 152:7	toolbox 103:32	58:17,33	46:27 140:46
time 6:13,24,28	timing 144:8	107:19 123:23	transfers 120:31	141:16,19,26
13:47 16:32 17:4	152:33,40 153:23	tools 38:10 103:31	transiting 129:17	trouble 34:30
17:14 18:6,45	tip 35:43	107:19	129:22	59:41
20:9 21:20 23:18	tires 131:4	top 30:6 59:22	transition 22:16	troubleshooting
23:20,21,36 27:34	title 69:8	topic 5:40 83:24	transitional 153:37	22:37
28:1,3 29:29 32:9	today 5:26,28,40	89:21	transitional	truck 101:17
34:16 37:28 40:37	19:29 41:9,20	topics 6:6,22,29	135:32 153:19	trucked 98:44
45:39 49:17 51:8	63:41 70:25 71:1	33:35 83:11,13,45	translates 19:43	true 81:14 107:1
51:39 52:13 60:12	110:16 111:6,10	Tortugas 98:13	transparency	141:10 142:27
60:32 62:2,41	135:24 150:2	total 31:3 42:44	66:13	162:16
65:36 68:10,16,22	151:1	49:15,15 102:11	transparent 52:38	truly 109:17
68:23 69:46 70:8	told 21:21 44:15	102:12,13 103:43	transport 101:20	162:23
70:27 71:15,30	61:14,22 100:10	108:22 158:42	travel 74:4	trump 76:2
72:16 73:47 75:44	150:5 162:2	totally 60:43	traveling 5:8	Trust 7:9
78:41 82:15 83:13	tolerance 140:25	147:38	travels 36:33 71:48	truth 152:9
92:15 94:13,15,16	tolerances 140:27	totals 107:43	trawlers 56:21	try 12:25 16:31
99:15,38 105:29	Tom 111:48 124:20	touch 5:23 6:21	78:33,33	20:32 27:18 34:26
105:29,47 109:2	144:25,28 145:28	15:48 83:12	treaty 149:9	39:16,39 48:31
110:17,27,31	146:6 163:32	139:30	Trebek 74:38	50:27 55:45 64:12
111:4,10,44	tomorrow 5:43	touched 63:44	tremendous 45:31	70:31 73:37 74:37
112:17,25,30,40	18:22 70:25 111:7	129:26,27	tremendously	74:39 75:10 78:11
113:11 114:21,35	111:11,14,16	tough 157:47	100:8	79:31 80:26 83:6
114:37 116:11	117:5 120:10	tournament 8:8	trend 56:9,25 113:6	96:31 101:6
118:25,46 119:26	124:24,25 145:33	12:7 65:22	trends 91:17	112:15 119:34,43
119:33,36 120:47	145:48 150:39	tournaments 8:22	Trenti 59:29	123:24 127:11
121:4,6,8 122:33	151:7 152:25,33	10:12 11:45,47	Trial 2:4 7:30,30	142:8 144:35
123:11 124:24,29	159:48 160:12	19:1,2 91:34	tricky 103:20	152:20 153:24

157:16 161:35,44 161:45,47,48 trying 9:28 14:45 22:29 28:41 43:1 43:27 44:31 54:42 56:30,37 61:35,37 62:21 63:25 64:48 77:13 78:3,31 82:1 89:11 96:9 97:2,3 103:21 110:33,44 111:9 115:4,39,44 116:13,27,34 117:29 118:37 119:1,5,24,31 121:22 125:19,20 125:33,34,45,48 126:1,7 127:37,43 128:33,46 129:13 129:30,35,36,43 130:11,18,23,26 133:35,39 134:25 134:27 136:26 137:7,24 138:26 139:6 142:25 144:11,20 153:21 153:31,35 157:1 159:15 Tuesday 23:27 tuna 4:22 5:40,44 7:11,13 10:16 12:17 13:3 14:15 14:22 15:10,27 19:14 21:33,40 29:45 30:3 45:32 51:48 52:1,18 57:32 58:16 59:24 64:25,43 65:13,25 66:7 92:20 93:31 100:11,38,45 110:47 112:14 114:47 116:3,16 116:32 117:34 125:24,30,40 126:6 127:28 129:37 131:18,30 132:48 133:17	135:12,38 136:34 137:36 139:4,36 140:17,47 141:4 141:34 142:15,36 149:42,43 156:21 157:36 tunas 26:48 91:37 91:38 Tuna's 85:36 89:33 90:3 91:30 93:7 95:31 108:37 turn 6:15 18:29 71:37 82:32 111:18 115:22 126:28 133:18,44 144:48 turned 133:18 158:24,31 turning 146:23,30 turtle 52:28 60:32 60:44 61:9,18 65:33 129:3 137:5 turtles 104:11 162:37 tutorials 22:23 Twinam 2:4 7:32 7:32 153:48 two 6:43 8:46 12:44 26:8,43 32:23,26 32:27,40 33:5 39:12 41:20 42:6 42:7 46:9,13 47:45 50:33 52:4 54:25 59:17 61:23 62:6 63:34 68:6 69:10 71:25,25 72:45 76:48 83:44 83:45 84:10 89:6 90:16,32 94:47 103:41 105:21 107:36 120:45 136:22 138:27 140:38 143:19 145:21 147:6,23 148:20,30,35 150:7 152:48 156:23 157:10	two-fifths 123:40 two-thirds 155:2 two-way 82:25 type 35:44 37:11,12 37:15 42:15 43:5 51:19,21,27 52:23 52:43 57:46 58:31 58:41,48 59:3 61:35 63:27 94:26 94:27 97:19 103:4 105:24 131:19 138:19 142:10 types 52:8 116:37 typically 47:7 141:27 T-A-B-L-E 3:1 <hr/> U <hr/> ugly 16:14 143:31 ultimate 110:38 ultimately 16:19 111:34 112:48 114:27 115:16 116:16,29 117:24 118:5 119:1 121:37 122:16,42 131:40 133:1 138:22 141:30 144:2,5,21,37 unable 142:10 unacceptable 147:30 unauthorized 52:27 uncertainty 118:38 unclassifieds 25:41 underages 149:2 underestimated 89:24 undergoes 31:34 undergoing 31:15 33:1,16,40 underharvest 10:36 underlying 77:7 116:39 underneath 115:36	121:1,13 126:38 128:9,11 130:26 130:28 133:19,23 133:31 undersized 52:18 57:21 understand 6:36 38:34 47:35 61:3 62:37 71:16 79:40 79:41 95:11,39 96:17 111:3 112:11 127:39 132:4 144:31 understanding 17:3 50:16 93:48 111:16 142:22 understood 104:46 105:1 undertaking 29:36 underway 12:32 15:25,39 17:16 65:40 underwhelmed 97:13,27 under-harvest 10:39 undetected 62:24 unfair 79:16 unforeseen 144:19 unfortunate 107:1 unfortunately 63:28 109:39 unfunded 80:17,32 unhappy 155:13 uniform 41:48 57:2 57:8 87:37 unilateral 162:26 unique 88:4 unit 151:23,25 United 56:3 77:6,6 77:8 93:21 94:46 109:21 115:30 123:25 units 138:28 universe 25:6 134:26 University 7:2,18	8:24 44:3 103:39 unknown 10:40 156:46 unlimited 87:12 unrealistic 103:44 unrelated 18:47 unsatisfactory 42:48 untuned 110:46 unused 86:38 un-permitted 63:16 upcoming 14:26 update 3:12,14,29 3:32 4:10,16 5:31 5:32,35 6:8,9 10:2 12:43 17:18 21:13 21:19,25 35:40,47 45:12 60:22,22,23 82:32 99:9 updates 3:5,9,10,11 3:17 5:28,29,34 6:11,16 30:30,36 41:4 upside 146:23 upwards 123:42 140:39 up-to-date 25:33 urge 79:30 100:24 urgent 19:47 USCG 3:30,32,33 use 8:37 22:1,36 24:36 25:34 26:25 39:18 44:6 48:28 51:21 52:42 56:3 77:29 82:23 87:20 139:8 145:16 146:14 151:45 163:23 useful 37:38 55:11 56:43 93:1 94:22 useless 160:7 user 22:21 54:1 88:25 114:45 115:45 119:9 120:31 121:28 122:14,19,39
---	---	--	---	--

138:37 147:17 users 120:18 usual 6:18 usually 28:4 53:33 81:23 utilization 139:35 140:5 utilize 87:21 123:27 139:43 140:10 utilized 36:26 86:29 144:3 155:17 U.S 1:1 6:9 10:29 32:38 34:43 35:8 37:4 39:4,19 41:6 43:37,37 45:15 47:19 83:39 85:1 85:16 86:11,28 90:17,32,45,47 99:13,24 109:38 112:27 113:32 114:24 116:23,31 121:15 122:34 123:26,32 124:17 130:38 135:1 138:11 139:35 160:27	134:30 138:48 139:8 Variations 91:11 variety 21:46 54:7 various 23:41 85:47 110:33 111:45 114:45 115:45 116:35 117:16 118:32 119:6,45 121:27 122:2,3,14,41 124:3 125:16 127:7 128:20 133:14,26 134:28 137:1 138:11 143:12,24,28 vast 51:38,41 vastly 87:8 Venezuelan 42:30 47:27 venture 112:4 115:33 verbal 85:32 144:24 verify 25:28 29:47 verifying 137:28 versions 22:6,22 versus 28:11 56:48 57:8,10,25 87:11 87:20 98:31 105:43 117:11,41 123:27 137:12,24 151:22 153:26 vertebrate 30:42 vessel 7:33 12:36 14:23 24:10,21 25:2 42:5,32,41 44:33 46:47 49:16 51:33 52:3 62:29 64:16,23 65:12,18 65:27 83:46,48 90:15,17,19,31,33 91:37,43 92:14 93:22 98:42,45 106:28,29 126:20 127:5 128:2 130:15,16 131:6	131:13,42 132:36 134:1,15,34 135:13 142:18 148:30 160:17,18 vessels 24:46 25:21 42:28 43:7 47:28 47:29 49:21 56:20 84:12 90:11 91:5 91:14,25,29,32,39 91:40 92:8 106:8 115:20,21 125:14 125:39,41 126:16 127:33,44 128:4 128:11,33 130:17 130:18,31 131:45 133:46 134:4,24 137:29 138:34 148:31 149:28 vessel's 142:24 vet 17:15 vetting 133:26 viable 137:41 157:28,37 vicinity 113:37 video 22:22 163:18 view 73:28 viewpoints 110:33 views 72:46 74:46 Vineyard 108:9 violated 12:12,19 149:14 violates 76:46 77:38 violation 42:14 50:46 51:19,29 52:44 53:15 54:19 54:34 56:34 57:15 57:35,40,42,45 58:5 65:17 149:19 violations 42:1,8 44:8 48:23 51:44 52:2,4,9,16,25,31 53:1,6,20 54:24 54:32,40 55:11,15 55:19,48 56:18 61:47 violator 42:30	51:30,32 Virgin 42:3 Virginia 8:13,18 13:44 148:15 virtual 104:23 visualize 61:32 vital 37:47 VMS 6:15 14:24 51:34 104:24,41 106:8 108:27 128:32 136:21 137:32 138:16,28 138:40 163:18 voices 98:48 volume 19:16,17 126:8 volumes 134:2 volunteered 147:7 vote 97:17 voted 78:41	108:43 109:16,17 109:33 110:10,23 124:5 129:10 141:10 145:14,28 149:1 151:1 156:6 156:14 157:45 159:14,21 161:46 162:9,11 163:5,37 wanted 9:16 19:15 19:19 29:23,46 41:11 48:5,45 61:17 68:26 69:7 101:34 104:47 105:17 107:48 108:23 109:26 113:28 124:14 132:16 134:9,11 135:21 150:42 156:32 158:21 159:40 wanting 118:43 121:25 122:35 wants 108:5 155:4 155:36 162:46 warehouse 28:10 warned 40:2 warning 53:44 warnings 50:47 53:16 warrant 31:40,45 33:13 warranted 31:26 31:32,43 32:23,31 33:43 118:48 136:7 Warren 111:48 Washington 74:21 wasn't 17:8,40 25:31 37:19 45:43 72:36 102:45 137:4 146:42 wasted 94:12,15,15 wasteful 78:1 wasting 155:2 watched 142:14 watching 94:1 water 7:26 28:17
V			W	
vacant 69:23 valid 23:11 24:47 102:36 105:7 148:27 validation 27:43 validationous 64:19 valuable 63:30 value 56:36 68:31 70:13,14 71:16 89:1 93:41 values 86:34 87:7 87:18 variability 140:31 variables 127:22 153:31 variance 116:2			wahoo 125:2 134:6 wait 118:45 123:28 waited 101:27,27 waiting 12:16 144:25 walk 111:19 walked 54:6 walking 66:33 walks 55:26 Wallace 1:36 7:28 Walt 7:17 WALTER 1:32 want 9:2,24 10:18 10:19 16:13,14,16 18:31 20:17,37 25:11 33:46 41:45 42:17 44:31 46:24 50:7 52:36 62:5,7 63:18 66:32 70:6 70:18,20 71:31,32 74:6 82:32 85:14 87:7 89:45 92:24 97:26 98:34 102:46 105:9 106:11 107:29	

43:29 47:5 49:6	25:38 28:22,25,37	116:44,45 117:5	128:9,35,39,46	120:20,34 121:26
68:24 78:47 98:13	29:3,33 54:41	120:36 124:23,44	129:28 130:26,36	121:46 123:44
99:2 113:40 152:3	weeks 24:2 25:37	129:12 131:2	131:22,23 132:47	124:27,29 125:6,8
156:18	33:23 112:2	133:41 135:13,15	134:3 136:19,35	126:40 127:10
waters 32:38 37:4	143:25	143:26 144:23	137:3 140:18,46	128:17 130:29,43
waterway 75:11,15	weigh 98:34 105:9	145:26 150:11,14	142:2 143:7,7	131:12 132:7,18
way 19:4 20:44	108:43 125:36	150:39 151:6	144:8,19,20	133:43 135:35,40
23:26 36:19 52:24	133:48	155:35 163:6,36	146:38 149:21	136:10,43,44
55:42 56:7 57:16	weighed 154:44	164:3,5,22	150:27 153:9,12	137:9,19 138:8,13
63:2,24 70:14,15	weight 93:33	we're 11:17 12:15	153:21,31 155:2,3	139:32,44,48
72:10 77:14 78:3	weigh-in 18:7	12:32 13:40 14:12	155:3,10,23	140:22,42,44
78:6,15,18 81:24	Weiner 2:5 7:20,20	15:17 16:1,5,6,23	156:12 157:41	141:15,25 142:3,6
85:17 93:43 95:37	19:31 78:24,24	19:25 20:7,25,25	160:31 161:6,7,14	142:41,46 143:30
96:20,23,44 97:6	80:40 108:5	20:36 21:11 22:43	161:21,22,24,26	145:30 147:18,21
98:17,35 100:6,23	weird 93:34 94:22	24:15,29 25:34,39	162:43 164:23	149:45,48 154:23
105:36 110:30,41	welcome 3:3 25:47	28:7 29:25,37	we've 5:12 8:47	155:5,7 156:48
112:3 127:27,32	41:4 68:7 164:15	32:36 33:16 35:1	9:21,25 10:8,10	157:42,46 158:5
135:35 136:22	164:16	35:12,12 38:13,29	10:21 11:44,45	whale 3:24 30:38
137:10 138:27	wells 52:27	38:38 39:20 41:19	12:6,8 14:35	33:21 34:38
146:46 150:12,26	well-done 66:39	41:47 42:31 43:1	15:29 16:12,25	whales 162:37
150:29 152:20	went 22:24 40:45	43:26,27 45:30	17:19,34,43 18:2	whatnot 159:5
157:42 159:18	40:45 52:7 66:40	46:6,8 48:34 49:3	19:25,41 20:28	whatsoever 160:36
160:11 161:16,40	79:1 94:8 97:12	50:22 52:9 54:38	21:22,23 22:32	Whitaker 2:2 7:38
162:16	99:40 102:9	55:44 56:15 57:1	23:38 24:13,18,40	7:38 39:27,28
ways 15:3 119:42	109:46,47 143:6	57:4 62:33 63:46	24:48 25:6,13	46:19,23 105:21
120:27 121:21	147:11 150:43	64:10 66:15,23,24	36:23 38:47 41:27	105:26
125:48 136:13	weren't 17:31	68:43 69:4,18	41:38 42:8,20,36	white 11:41 19:23
152:12 161:48	39:37 47:30	70:18,19,31,33,41	42:40,40,41,41,42	39:33 108:11
wear 59:17	west 35:1 46:43	70:48 72:9 73:27	43:37 44:2 46:9	111:36 129:2
weather 48:43	85:8,18 94:4 98:9	74:20,21,30 76:24	47:23,28 49:27	146:42
105:30	98:12,16,17,19,23	77:19,41 80:34,35	50:30 52:37,47	whitetip 13:20
web 51:8 139:16	98:28,28,29,29,32	81:28,38,41,45,46	55:17,27 56:19	whoa 19:6,6,7
Webber 147:7	98:38,43 106:10	82:18,45 83:18	58:28,47 59:4	Wicked 142:15
Weber 2:5 8:21,21	106:12,14,24	89:11 97:46 99:9	60:22 61:37 62:41	wide 117:44 134:15
63:11,12	western 158:7	99:36,37 102:7,25	64:8,15 68:42,43	135:27 144:10
website 22:21	we'll 5:24,30,32,36	102:31 103:18	69:2 70:30 71:35	widely 72:45
23:46 30:2 52:40	5:38,40,41,48 6:1	104:2 105:47	71:45 72:24 73:46	wild 46:42,43
52:45 53:11,25	6:6,7,15 8:44 9:2	107:17,26 109:10	74:26 78:7,8,11	Wildlife 2:13 7:31
54:1,3 92:18	13:48 15:45 16:37	110:41,44 111:9	78:30 81:1 89:13	8:33 13:24 88:34
95:42,43	31:45 40:41 41:3	111:41,45,46	91:19 92:23 102:4	WILLIAM 1:31
Wednesday 6:7,12	45:19 64:36 66:28	112:9,10 113:1,6	103:31 106:41	willing 97:36
weeds 104:32	68:4 70:42 77:12	113:16 114:46	107:5,11,18,22	148:18 161:14
week 14:8 23:5,22	77:20 78:16 80:36	117:9,25,41	110:26,30,45	162:47
28:9 61:22 62:28	80:46 87:2 92:46	118:20,30 119:15	111:4,35 114:20	Willis 2:6 7:46,46
69:32 162:45	92:47 99:42	119:24,39 120:6,7	114:31,40 116:6	92:31,32,33 93:1
weekend 5:13	109:44 110:4,22	120:47 121:13	117:25,37 118:33	Wilson 9:9 21:44
weekly 21:45 23:22	111:7,15,18 115:5	125:19 126:1	118:35 119:4,12	27:9

wind 37:13 101:23 116:7	148:41 150:12	32:48 33:3,20	158:11 159:16	1,000 43:23 49:15 49:15
winded 73:29 145:43	works 23:26 56:26 79:19 81:6 96:2	35:34 41:10,13,24 41:27,37,42 42:35	year's 99:39 138:22	1.37 134:48
winding 101:25	workshop 60:41	44:19 48:26,35	year-to-date 41:38 42:37,45	1.7 113:45
winter 139:47 140:9 149:29	workshops 9:44 14:2 22:25	49:18,19 50:32,37 55:28 61:34 68:29	yellow 32:30 35:42 126:13	1:15 66:26,36,38
wise 70:11	world 44:36 69:5 94:31 108:17	68:29,38,41,42	yellowfin 12:37 21:32 64:25 65:18	1:17 66:41 68:2
wish 18:41	worlds 39:12	69:24 70:9 71:9	66:7 115:25 125:1	10 3:8 85:10 87:34 90:39
withdraws 32:8	worried 154:18	71:12 73:6,9,13	133:4 141:36	10:32 40:45
wondering 22:34 36:17,34 48:9,11	worries 18:15	83:32 92:14 99:17	154:22,23	100 20:5 72:24 78:43 79:44 80:11
72:13 76:20 79:21	worse 73:15	99:40 100:43	yield 89:39 108:33 115:40	80:46,47 81:2,4
108:34 145:32	worth 93:37,37 148:11 150:4	101:44 102:1,4,6	York 41:29	81:12,34,46 93:33
153:1 155:44,47 157:4	worthless 160:6	102:9,15,24	you's 158:37	93:35 112:47
Worcester 65:7	wouldn't 35:7,47 63:2 73:8 83:13	105:29,36,42		113:33 137:12 152:44
word 51:21 74:27 125:34 155:42	100:1 120:17	108:12 112:44	Z	102 101:48
words 57:9 68:15 102:10 146:14,16 159:2	123:47 132:30,38	113:2,13,45	zero 84:19,23,30 87:10 88:38 90:19	103 26:47
work 12:25 13:29 13:48 15:43,45	133:11 139:43	115:15 116:2,2	90:35,41 94:34	105 42:38
24:32 25:44 29:20	148:24,34	122:46 123:3,7,38	95:1,44 99:45	109 4:25
30:35 36:46 37:2	wrap 106:39 139:48 150:32,34 150:38	123:43 125:40,41	100:2 123:4	11 41:19 76:39 78:8 94:2 134:19 149:18
39:11,11 43:46	wrap-up 6:18	132:25,30,32	zero-fish 88:22 97:23,24 98:46	11:07 40:46
44:41,42 45:14,15	wrest 75:10,14	135:45 140:2,21		12 3:9 31:37 32:3 42:35 50:46,48 94:3
50:10,37 70:17,27	write 16:30 26:21 155:34	141:44 142:25	\$	12-month 31:38,42 32:19 33:3,19
77:12 82:44 93:40	written 50:47 53:16,43 85:31	150:4,14,19,21	\$1,000 64:4	12-months 33:43
94:8,10 101:28	163:16	151:43 152:47	\$1,500 93:37	12:01 66:41
103:48 112:18	wrong 95:36 97:42 147:39 156:33,34	153:27,34,41	\$1,800 93:37	123 42:36
148:18 158:6 162:30		156:2,3 159:8	\$100 79:47	125 131:12
workable 156:9	X	161:40	\$2,000 64:5	13 3:10,11,12 101:34
worked 23:38 38:19 55:39 150:25 154:28	X 92:40,42 137:36 143:15	yearly 12:35	\$20,000 42:11	15 40:41 51:43 109:30
working 6:41 9:6 12:4,32,38 13:23	Y	years 10:19 11:3,12 11:13,36,44 14:5	\$20.00 92:19	15th 141:44
13:34,40 15:27	Y 143:15	17:20 19:8,33	\$3,000 64:5	150 4:27 157:26
27:35 29:38 38:14	Yeah 105:46 106:40	35:37 38:14,21	\$325 80:12	1500 158:44
43:38 44:23 55:40	year 9:8,26 11:16 11:19,38,42,46	42:2 43:31 46:37	\$500 64:17	16 31:13
66:15 70:8 80:25	12:47,48 13:22,45	48:46 52:46 54:5		17 3:13 85:10 87:34 90:39 96:24,47
80:35,36 81:38,45	14:15 15:38 19:4	55:39 75:36 78:31	0	17th 11:24
95:19 110:27	28:2,4 30:14	78:34,35 79:48	06 112:39 113:7,18 126:44 134:19	171.8 123:48
111:31 133:38	32:11,18,20,33,34	102:22,30 106:42	1	172 113:30,46
		107:36 110:29	1 11:20 41:28 42:26 60:22,24 75:14 149:4	18 120:14 122:34
		114:33 116:7	1st 10:35 21:27 30:11 73:11 141:48	
		119:5 120:21		
		122:47 127:14,25		
		132:18 136:11		
		139:3 140:43		
		141:26 146:20,25		
		146:33 149:31,43		
		152:16,48 154:10		
		154:25 155:40		

125:14 127:33	19:5,25 21:27	380 26:48	112:29 120:2	90 34:24 103:28
18.6 121:34	30:11 92:6 102:48		121:1,17,29,35	108:24 154:21
182 30:1	103:12 122:10	<hr/> 4 <hr/>	122:7,24 135:3	90s 158:33
19 151:10	2014 10:33 11:47	4 145:42		90-day 31:27,32
193 41:38	14:22 19:3 46:17	4(d) 40:13,14,15	<hr/> 7 <hr/>	32:15,46 33:14,24
1974 149:12	90:7 92:10,14	4,000 138:46	7 4:22 5:39 9:40	33:40,43 34:9,20
1990s 149:14	94:19 153:39	4,400 10:13	14:22 15:10 16:27	37:25
	2015 34:14 152:43	4:00 145:32	19:16 41:32 44:34	93 4:20
<hr/> 2 <hr/>	153:1,41	4:30 6:13 145:11,12	70:24 74:14 82:19	94 31:4
2 60:22,24 68:35	21 101:43	145:41 152:10	109:45 110:3	95 103:28
75:14	210 85:31	4:35 163:33	115:34 128:9	96 29:48
2,100 31:2	22 3:15	400 108:3	139:11 142:46	99 112:18 113:23
2.1 84:18	220 10:12 11:46	42 3:33	143:32	
2.3 84:28,34	23 146:20	45 152:27	7th 11:22	
2.3.2.1 84:46	23rd 11:4	46 3:36 31:8	7's 105:48	
2.5 121:32	24 9:44	47 147:32	7,000 23:6	
2:53 109:47	25 10:30 108:26	47.1 121:33	70 4:9,12 156:3	
20 22:25 31:5 48:31	123:7 151:47	48 31:9	73 4:13 101:47	
50:47 55:39 60:8	154:25	488 26:47	74 31:4	
71:11 105:41	25th 10:26		75 31:10 148:9	
123:4,4 139:39	26 3:16 51:42	<hr/> 5 <hr/>	767 86:39 101:35	
150:13 151:8,10	265 89:40 94:17,19	5 3:4 9:42 19:32	776 86:39	
154:25	100:21 108:33	37:43,43 41:30	78 102:5	
20th 92:6	27 13:8 51:2	5a 6:8 10:44 11:22		
2003 38:20	27/7 137:48	5b 6:8 14:29	<hr/> 8 <hr/>	
2004 44:13	28 85:10 87:34	5:00 22:31	8 3:6 4:15 5:37	
2005 35:34	90:39 96:24,47	5:17 164:25	15:15 41:34 42:33	
2006 91:10 112:31	29 42:40	5:30 145:27	49:34 82:32,47	
113:23 121:11		50 98:19 108:26	83:16,30,38 86:6	
133:47 149:47	<hr/> 3 <hr/>	112:48 150:14	86:10,15,23 96:16	
2007 11:37 86:38	3 79:48 154:37	50-year 20:28,29	8.1 146:29 147:47	
149:48	3:13 109:48	500-550 139:5	147:47,48	
2009 12:21 14:36	30 55:1 83:11 87:11	51 4:2	8:00 22:31	
15:18 35:33 83:26	92:4 143:40	53 4:3	8:30 145:33 146:4,5	
83:28 92:24	300 93:36 101:42	55 75:4	163:35 164:22	
110:31 114:34	303A 157:7	550 108:39	80 101:46 102:13	
2010 72:22 73:3	304A 156:30	56 101:39 102:11	102:34 103:27	
2011 19:22 32:14	31 3:18 155:40	58 35:36	81 25:7 26:44 29:43	
32:16 101:36,39	32 3:22		29:44 30:11	
102:12,42 126:44	325 80:42	<hr/> 6 <hr/>	85 4:17	
133:48	329 154:38 157:26	6 14:30 15:16	8777 1:19	
2012 11:39,43	33 109:4	6.7 102:3	88 154:39	
19:24 30:12 33:22	33rd 65:22	60 156:3	89 114:9	
34:13 41:37 83:30	34 3:23,24 94:5	62 147:43,48		
101:46 102:14,44	35 3:27 10:11	62.5 122:22	<hr/> 9 <hr/>	
146:40	350 41:37	63 101:45	9 1:14	
2013 1:14 11:37	38 31:18	66 4:6	9:00 1:20	
		68 4:7 11:28 112:26	9:11 5:2	

C E R T I F I C A T E

This is to certify that the foregoing transcript

In the matter of: Highly Migratory Species
Advisory Panel Meeting

Before: NMFS

Date: 09-09-13

Place: Silver Spring, MD

was duly recorded and accurately transcribed under
my direction; further, that said transcript is a
true and accurate record of the proceedings.



Court Reporter

NEAL R. GROSS

COURT REPORTERS AND TRANSCRIBERS

1323 RHODE ISLAND AVE., N.W.

WASHINGTON, D.C. 20005-3701