

2013		
2013 - 1	<i>Fishery</i>	Deep-set
	<i>Species</i>	False killer whale
	<i>Date/time</i>	1/15/2013, 0:35
	<i>Location</i>	26° 44.9' N, 160° 56.7' W (outside EEZ)
	<i>Injury</i>	Hooked in unknown location
	<i>Details</i>	The line was under tension, and came up with many branch lines in a tangled bunch. As the mainline continued to be brought in slowly, the crew shouted that there was a whale. The crew told the observer that it jumped twice while the observer was getting the marine mammal sampling gear and video camera ready. The whale was on the branch line after the tangle, and kept pulling the clip down the mainline. About 15 m from the boat, the whale breached in an arc fully out of the water, and then it was gone. All gear appeared to come back (none remaining on the whale), and no hooks were bent. Observer did not see any other marine mammals at the time of the interaction, but the crew said they saw "lots" of whales during the set, identifying them as false killer whales from the picture in the observer manual.
	<i>Animal size</i>	8 ft
	<i>Total observed interaction time</i>	3-5 minutes
	<i>Hook and line specifications</i>	Hook: unknown (vessel had 75% flat 16/0 and 25% flat 15/0), no wire diam info available for either hook type because interaction occurred before observer data form was revised, but cross-sectional shape confirmed from photographs; Branch line: 2.1 mm diam mono
	<i>Marine mammal depredation</i>	None observed
<i>Biopsy obtained</i>	No	
<i>Injury determination</i>	Non-serious	
2013 - 2	<i>Fishery</i>	Deep-set
	<i>Species</i>	False killer whale
	<i>Date/time</i>	1/29/2013, 03:32
	<i>Location</i>	24° 44.2 N, 156° 37.4 W (inside the EEZ)
	<i>Injury</i>	Hooked (location not observed, but branch line seen going toward the mouth, ingestion a possibility)
	<i>Details</i>	Whale was calm as it surfaced once within 5 ft of the vessel and dove. Crew tried to handle the branch line (still clipped to the mainline) but struggled and let go. Crew turned on the hydraulics and began to slowly reel in mainline, putting the mainline and branch line under tension. The branch line broke, releasing the whale with the hook, 0.25 m wire leader, 45 g weight, and an estimated 6-10 m of branch line still attached.
	<i>Animal size</i>	14 ft
	<i>Total observed interaction time</i>	1-2 min
	<i>Hook and line specifications</i>	Hook: unknown (vessel had 70% 14/0, 30% 15/0, and very few 18/0); no wire diam or cross-sectional shape info for any of the hook types because interaction occurred before observer data form was revised; Branch line: 1.6 mm diam mono, possibly measurement error
	<i>Marine mammal depredation</i>	Not reported on the set, but little catch, and hooks were coming up without bait.
<i>Biopsy obtained</i>	No	
<i>Injury determination</i>	Serious	

2013 - 3	<i>Fishery</i>	Deep-set
	<i>Species</i>	False killer whale
	<i>Date/time</i>	2/21/2013, 20:46
	<i>Location</i>	26° 20.9 N, 157° 57.7 W (outside the EEZ)
	<i>Injury</i>	Hooked (location not observed, but branch line seen going toward the head, ingestion a possibility)
	<i>Details</i>	Whale surfaced once ~10-15 m from the vessel, moving slowly and did not appear to be struggling. Three snaps were tangled on the mainline. Observer said "sample" and one crew member went to get the sample pole. While animal was underwater, the branch line broke at or near the weight. Gear remaining included the hook, 0.6 m wire leader, 45 g weight, and possibly a small amount of branch line.
	<i>Animal size</i>	10 ft
	<i>Total observed interaction time</i>	10-15 sec
	<i>Hook and line specifications</i>	Hook: unknown (vessel had 85% 14/0, 10% 16/0, and 5% 3.6 tuna), no wire diam or cross-sectional shape info for any of the hook types because interaction occurred before observer data form was revised; Branch line: 2.0 mm diam mono
	<i>Marine mammal depredation</i>	Yes, on bait and catch
<i>Biopsy obtained</i>	No	
<i>Injury determination</i>	Serious	
2013 - 4	<i>Fishery</i>	Deep-set
	<i>Species</i>	False killer whale
	<i>Date/time</i>	4/20/2013, 04:45
	<i>Location</i>	23° 36.4 N, 149° 50.2 W (outside the EEZ)
	<i>Injury</i>	Hooked in the mouth
	<i>Details</i>	Whale first observed 30 ft from the vessel. Whale was calm, surfacing and diving at least 6 times. Crew initially asked the observer whether they should cut the line, but the observer said no, and asked them to pull the animal close to get a video and sample. Captain came out on deck while the crew handled the gear. Crew maintained tension on the branch line. Animal was not able to be brought close enough to obtain a biopsy sample. Crew said the animal was too strong and prepared to cut the line, but then the branch line slackened. The crew pulled in the branch line and found the hook had bent. The observer retained the bent hook.
	<i>Animal size</i>	12 ft
	<i>Total observed interaction time</i>	5 min
	<i>Hook and line specifications</i>	Hook: 15/0, flat, 4.3 mm wire diam; Branch line: 2.0 mm diam mono
	<i>Marine mammal depredation</i>	Yes
<i>Biopsy obtained</i>	No	
<i>Injury determination</i>	Non-serious	

2014		
2014 - 1	<i>Fishery</i>	Deep-set
	<i>Species</i>	False killer whale
	<i>Date/time</i>	02/03/2014, 06:21
	<i>Location</i>	21° 51.4' N, 163° 37.2' W (inside the EEZ)
	<i>Injury</i>	Hooked in the mouth
	<i>Details</i>	Heavy marine mammal depredation was observed on the catch preceding a large tangle of gear in the final four floats. The whale surfaced, and the observer saw that it was hooked and not entangled. To prevent the whale from becoming entangled, the crew hauled the remaining gear before attempting to bring the animal close. During this time, the animal surfaced calmly 10-15 times. Once the tangled branch lines were on deck, the captain then tried to pull the whale close to the boat so he could cut the line as close to the whale as possible. The observer asked the captain if he could get a biopsy sample, and the captain told him to wait until he (the captain) had the animal close to the vessel and was ready to cut the line, so that the biopsy attempt would not scare the animal and cause it to pull away from the boat. The captain handled the branch line, pulling on it and bending it over the rail to put more tension on it. After ~25 minutes of attempting to bring the animal close, the branch line broke near the snap. The whale was released with the hook, ~0.5 m wire leader, 45 g weight, and ~10 m monofilament branch line still attached.
	<i>Animal size</i>	4 m (13 ft)
	<i>Total observed interaction time</i>	40 min
	<i>Hook and line specifications</i>	Hook: 15/0, round, 4.3 mm wire diam; Branch line: 2.0 mm diam mono
	<i>Marine mammal depredation</i>	Yes
<i>Biopsy obtained</i>	No	
<i>Injury determination</i>	Serious	
2014 - 2	<i>Fishery</i>	Deep-set
	<i>Species</i>	False killer whale
	<i>Date/time</i>	03/01/2014, 02:01
	<i>Location</i>	23° 0.3' N, 147° 0.1' W (outside EEZ)
	<i>Injury</i>	Hooked (location not observed but line seen going to head/mouth, ingestion a possibility)
	<i>Details</i>	The whale was first seen 20 m from the haul side of the vessel, and then dove behind the vessel and surfaced 5-10 m from the vessel on the opposite side. The line broke when the animal was on the nonhauling side of the vessel (with the line running under the vessel). The animal was released with the hook, ~0.6 m wire leader, 45 g weight, and an unknown amount of mono branch line attached. A second false killer whale interaction occurred 34 minutes later (interaction 2014-3 below). There was a broken branchline between the two interactions.
	<i>Animal size</i>	12 ft
	<i>Total observed interaction time</i>	5 min
	<i>Hook and line specifications</i>	Hook: unknown (vessel had 80% flat 15/0 with 4.0 mm wire diam, and 20% round 15/0 with 4.5 mm wire diam); Branch line: 2.1 mm diam mono
	<i>Marine mammal depredation</i>	Yes, on bait and catch
<i>Biopsy obtained</i>	No	
<i>Injury determination</i>	Serious (preliminary, subject to change)	

2014 - 3	<i>Fishery</i>	Deep-set
	<i>Species</i>	False killer whale
	<i>Date/time</i>	03/01/2014, 02:45
	<i>Location</i>	23° 1.8' N, 146° 59.4' W (outside EEZ)
	<i>Injury</i>	Hooked in the mouth or ingested
	<i>Details</i>	Second interaction on the set. Whale was first seen ~1 m from the stern where the observer was standing. It swam around from 10-20 m from the boat, surfacing often. At the captain's instruction, the branch line was tied to the stern. The boat slowly moved forward (observer is unsure if the boat was in gear), and then the line broke. The animal was released with the hook, ~0.6 m wire leader, 45 g weight, and ~0.3 m of monofilament branch line attached.
	<i>Animal size</i>	12 ft
	<i>Total observed interaction time</i>	2.5 min
	<i>Hook and line specifications</i>	Hook: 15/0, unknown wire diam (vessel had 80% flat 15/0 with 4.0 mm wire diam, 20% round 15/0 with 4.5 mm wire diam); Branch line: 2.1 mm diam mono
	<i>Marine mammal depredation</i>	Yes, on bait and catch
<i>Biopsy obtained</i>	No	
<i>Injury determination</i>	Serious (preliminary, subject to change)	
2014 - 4	<i>Fishery</i>	Shallow-set
	<i>Species</i>	False killer whale
	<i>Date/time</i>	05/20/2014, 11:50
	<i>Location</i>	23° 58.1' N, 158° 36.8' W (inside EEZ)
	<i>Injury</i>	Hooked in the mouth
	<i>Details</i>	Observer saw the hooked false killer whale ~100 ft from the vessel, with the hook in the right side of the mouth. As the crew pulled the animal toward the boat, the animal dove under the vessel and reappeared ~40 ft behind the vessel. The crew continued to try to pull the animal closer, but the animal then dove again and the gear went slack. All gear was retrieved with no damage -- hook was not bent, no broken gear, and branch line did not appear stretched.
	<i>Animal size</i>	8 ft
	<i>Total observed interaction time</i>	5 min
	<i>Hook and line specifications</i>	Hook: 18/0, flat, 4.5 mm wire diam; Branch line: 2.0 mm diam mono
	<i>Marine mammal depredation</i>	Yes; 10-12 false killer whales were observed very close to the boat twice during the haul, including before, during, and after the interaction with the hooked whale. Observer obtained video prior to the false killer whale hooking that showed three false killer whales actively depredating on a hooked swordfish as it was being hauled in.
<i>Biopsy obtained</i>	No	
<i>Injury determination</i>	Non-serious (preliminary, subject to change)	

2014 - 5	<i>Fishery</i>	Deep-set
	<i>Species</i>	False killer whale
	<i>Date/time</i>	06/19/2014, 02:20
	<i>Location</i>	26° 06.9' N by 158° 02.8' W (outside the EEZ)
	<i>Injury</i>	Hooked in the mouth or ingested
	<i>Details</i>	Whale was first observed 10-20 ft from the boat, pulling the line near a tangle of gear. The animal surfaced and struggled while the crew began to bring in the line (at the observer's request for a biopsy sample). The branch line broke at the weight, releasing the animal with the hook, 0.6 m wire leader, and 60 g weight attached.
	<i>Animal size</i>	12 ft
	<i>Total observed interaction time</i>	3-4 min
	<i>Hook and line specifications</i>	Hook: 16/0, flat, 4.4 mm wire diam; Branch line: 2.0 mm diam mono
	<i>Marine mammal depredation</i>	Not observed on bait or catch, although there were some empty hooks
<i>Biopsy obtained</i>	No	
<i>Injury determination</i>	Serious (preliminary, subject to change)	
2014 - 6	<i>Fishery</i>	Deep-set
	<i>Species</i>	False killer whale
	<i>Date/time</i>	06/21/2014, 19:16
	<i>Location</i>	27° 37.1 N, 166° 1.1 W (inside the EEZ)
	<i>Injury</i>	Hooked in the mouth
	<i>Details</i>	The whale was spotted 30 m from the boat when it surfaced. It swam below the surface and came up to breathe 5 times. The boat was stopped immediately upon sighting. The animal appeared to be struggling, but apparently offered little resistance to the crew as it was being pulled closer to the boat. The observer got a biopsy sample after the second attempt. The crew was getting the long-handled dehooker when the hook broke at the barb, releasing the animal. The leader and the part of the hook that came back were retained by the observer.
	<i>Animal size</i>	12 ft
	<i>Total observed interaction time</i>	3 min
	<i>Hook and line specifications</i>	Hook: 14/0, flat, 4.2 mm wire diam; Branch line: 2.1 mm diam mono
	<i>Marine mammal depredation</i>	None on catch, but presumed on bait ("no bait returning during haul")
<i>Biopsy obtained</i>	Yes	
<i>Injury determination</i>	CBD	

2014 - 7	<i>Fishery</i>	Deep-set
	<i>Species</i>	False killer whale
	<i>Date/time</i>	07/11/2014, 04:58
	<i>Location</i>	26° 52' N by 153° 08.8' W (outside of EEZ)
	<i>Injury</i>	Hooked in the mouth
	<i>Details</i>	The whale was first observed 10-12 m from the boat. As the crew tried to pull the animal closer to the boat, the animal jumped once into the air and dove. The hook straightened and pulled out of the whale's mouth, releasing it with no gear attached. A second false killer whale was hooked on the next set (see 2014-8 below).
	<i>Animal size</i>	18 ft
	<i>Total observed interaction time</i>	20 sec
	<i>Hook and line specifications</i>	Hook: 15/0, round, 4.3 mm wire diam; Branch line: (unknown; measurement error)
	<i>Marine mammal depredation</i>	No
<i>Biopsy obtained</i>	No	
<i>Injury determination</i>	Non-serious (preliminary, subject to change)	
2014 - 8	<i>Fishery</i>	Deep-set
	<i>Species</i>	False killer whale
	<i>Date/time</i>	07/11/2014, 22:42
	<i>Location</i>	26° 24.8' N by 154° 05.1' W (outside of EEZ)
	<i>Injury</i>	Hooked in the mouth
	<i>Details</i>	The whale was first observed 10-15 m from the boat. The crew unclipped the branchline from the mainline and attached it to a "safe line," and the whale "took off," pulling hard. The animal surfaced six or more times and was actively struggling. The crew was unable to bring the animal closer, and the captain instructed the crew to cut the line. The animal was released with the hook, 0.7 m wire leader, 45 g weight, and ~20 ft of mono branch line attached.
	<i>Animal size</i>	15 ft
	<i>Total observed interaction time</i>	4-5 min
	<i>Hook and line specifications</i>	Hook: 15/0, round, 4.3 mm wire diam; Branch line: (unknown; measurement error)
	<i>Marine mammal depredation</i>	Yes, to catch and bait, both before and after the interaction
<i>Biopsy obtained</i>	No	
<i>Injury determination</i>	Serious (preliminary, subject to change)	

2014 - 9	<i>Fishery</i>	Deep-set
	<i>Species</i>	False killer whale
	<i>Date/time</i>	09/14/2014, 23:51
	<i>Location</i>	27° 15.1' N by 142° 54.9' W (outside of EEZ)
	<i>Injury</i>	Hooked in mouth or ingested
	<i>Details</i>	The whale first surfaced 15 yds from the vessel. The crew pulled the animal beside the boat. The animal was actively struggling, so the observer did not attempt to get a biopsy sample, and the captain decided to cut the line. The crew reached down and cut the line with hand shears. No attempt was made to dehook or straighten the hook. The animal was released with the hook, 0.5 m wire leader, 45 g weight, and 10 ft of mono branch line attached.
	<i>Animal size</i>	12 ft
	<i>Total observed interaction time</i>	2-3 min
	<i>Hook and line specifications</i>	Hook: 16/0, round, 4.4 mm wire diam; Branch line: 2.0 mm diam mono
	<i>Marine mammal depredation</i>	Not observed on catch, but ~90% of hooks came up with no bait
<i>Biopsy obtained</i>	No	
<i>Injury determination</i>	Serious (preliminary, subject to change)	
2014 - 10	<i>Fishery</i>	Deep-set
	<i>Species</i>	False killer whale
	<i>Date/time</i>	09/29/2014, 12:46
	<i>Location</i>	26° 37.9' N by 154° 23.0' W (outside of EEZ)
	<i>Injury</i>	Hooked in mouth or ingested
	<i>Details</i>	The crew noticed four whales while setting gear. The set was aborted and hauling begun. Most of the hooks were picked clean and there were no catch items. Approximately 90 minutes after hauling began, the crew saw a whale on the line. They attached the branch line to a tether line and pulled it in by hand. The animal was active, surfacing 3 times within 10 m of the boat. The observer did not think a biopsy could be attained, and so it was not attempted. After the observer got the species identification, the crew cut the line. The animal was released with the hook, 0.5 m wire leader, 45 g weight, and ~6.5 m of mono branch line attached. One bent hook was retrieved from a branch line after the hooked whale.
	<i>Animal size</i>	4 m (13 ft)
	<i>Total observed interaction time</i>	< 5 min
	<i>Hook and line specifications</i>	Hook: 14/0, flat, 4.3 mm wire diam; Branch line: 2.1 mm diam mono
	<i>Marine mammal depredation</i>	Not observed on catch, but ~90% of hooks came up with no bait
<i>Biopsy obtained</i>	No	
<i>Injury determination</i>	Serious (preliminary, subject to change)	

2014 - 11	<i>Fishery</i>	Deep-set
	<i>Species</i>	False killer whale
	<i>Date/time</i>	09/30/2014, 22:20
	<i>Location</i>	26° 37.1' N by 144° 06.9' W (outside of EEZ)
	<i>Injury</i>	Hooked in mouth or ingested
	<i>Details</i>	The animal was first sighted 8-10 m from the vessel. The crew handled the line by hand (line was not tied off) and brought the animal to within 2-3 m of the vessel, where the observer was able to obtain a biopsy sample. The crew then cut the line, releasing the animal with the hook, 0.5 m wire leader, 45 g weight, and ~2 m of mono branch line attached.
	<i>Animal size</i>	8 ft
	<i>Total observed interaction time</i>	5-7 min
	<i>Hook and line specifications</i>	Hook: 15/0, unknown wire diam (vessel had 70% flat 15/0 with 4.4 mm wire diam, and 30% round 15/0 with 4.3 mm wire diam); Branch line: 2.2 mm diam mono
	<i>Marine mammal depredation</i>	Yes
<i>Biopsy obtained</i>	Yes	
<i>Injury determination</i>	Serious (preliminary, subject to change)	
2014 - 12	<i>Fishery</i>	Deep-set
	<i>Species</i>	False killer whale
	<i>Date/time</i>	10/02/2014, 19:23
	<i>Location</i>	28° 54.6' N by 150° 44.8' W (outside of EEZ)
	<i>Injury</i>	Hooked in mouth or ingested
	<i>Details</i>	The animal was first sighted 2 m from the vessel, where it was swimming calmly at the surface before the captain instructed the crew to cut the line. The animal was released with the hook, 0.5 m wire leader, 60 g weight, and ~5 m of mono branch line attached.
	<i>Animal size</i>	10 ft
	<i>Total observed interaction time</i>	2 min
	<i>Hook and line specifications</i>	Hook: unknown size (vessel had 60% round 14/0 and 40% flat 15/0), both types had 4.3 mm wire diam; Branch line: 1.9 mm diam mono
	<i>Marine mammal depredation</i>	No
<i>Biopsy obtained</i>	No	
<i>Injury determination</i>	Serious (preliminary, subject to change)	

2015	
<i>Fishery</i>	Deep-set
<i>Species</i>	False killer whale
<i>Date/time</i>	03/30/2015, 01:50
<i>Location</i>	23° 44.2' N by 142° 18.9' W (outside of EEZ)
<i>Injury</i>	Hooked (location not observed, but branch line seen coming from head, ingestion a possibility)
<i>Details</i>	The crew brought the animal within 10 ft of the boat. The crew unclipped the branch line, and three crewmen ran it over the deck and around the edge of the stairs, to provide more leverage. The whale swam in a circle, surfacing three times before the branch line broke. The branch line appears to have broken when the whale caused the taught line to make contact with the taught mainline and another tangled branch line. The whale was released with the hook, 0.5 m wire leader, 45 g weight, and ~1 m mono branch line attached.
<i>Animal size</i>	11 ft
<i>Total observed interaction time</i>	1 min
<i>Hook and line specifications</i>	Hook: unknown (vessel had 55% flat 15/0 with 3.8 mm wire diam, and 45% round 15/0 with 4.0 mm wire diam); Branch line: 2.0 mm diam mono
<i>Marine mammal depredation</i>	Yes, on catch, and most bait was missing
<i>Biopsy obtained</i>	No
<i>Injury determination</i>	Serious (preliminary, subject to change)

2015 - 1