

CALIFORNIA THRESHER SHARK/SWORDFISH DRIFT GILLNET FISHERY **DEEP-SET BUOY GEAR AND FEDERAL PERMIT UPDATE**

Agenda Item D.5
Pacific Fishery Management Council
June 2016 - Tacoma, WA.

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CLEAN + CLEAN NOT CLEAN VS. DIRTY

NMFS California/Oregon Drift Gillnet Observer Program Observed Catch - 2015/2016 Fishing Season May 1, 2015 through January 31, 2016

This table summarizes the total catch and final disposition, by species, of all fish, marine mammals, sea turtles, and seabirds observed caught in the California drift gillnet fishery during the 2015/2016 fishing season. Data were collected at sea by contract observers, and represent a total of 41 sets. Estimated total fishing effort for the season is 378 sets.

Species	Total Caught	Number Kept	Number Returned			Number Damaged	Catch per 100 Sets
			Alive	Dead	Unknown		
Swordfish	177	177	0	0	0	1	431.7
Marlin, Striped	2	0	0	2	0	0	4.878049
Tuna, Bluefin	154	154	0	0	0	0	375.6098
Tuna, Skipjack	20	12	0	8	0	0	48.78049
Tuna, Yellowfin	13	13	0	0	0	0	31.70732
Albacore	13	13	0	0	0	0	31.70732
Shark, Common Thresher	11	10	0	1	0	0	26.82927
Shark, Blue	12	0	8	4	0	0	29.26829
Shark, Salmon	10	0	0	10	0	0	24.39024
Shark, Shortfin Mako	16	13	1	2	0	0	39.0
Stingray, Pelagic	1	0	1	0	0	0	2.439024
Ray, Bat	1	0	1	0	0	0	2.439024
Louvar	4	4	0	0	0	0	9.756098
Mackerel, Bullet	1	1	0	0	0	0	2.439024
Mola, Common	39	0	37	2	0	0	95.12195
Opah	25	25	0	0	0	0	60.97561
Pomfret, Pacific	2	2	0	0	0	0	4.878049
Short Beaked Common Dolphin	1	0	0	1	0	0	2.4

132mt of swordfish, shark and other marketable species.

72.5mt (166,478lbs.) swordfish in 378 sets equates to 440lbs. of swordfish per set.

378 sets divided by 20 participants equals 19 sets per participant.

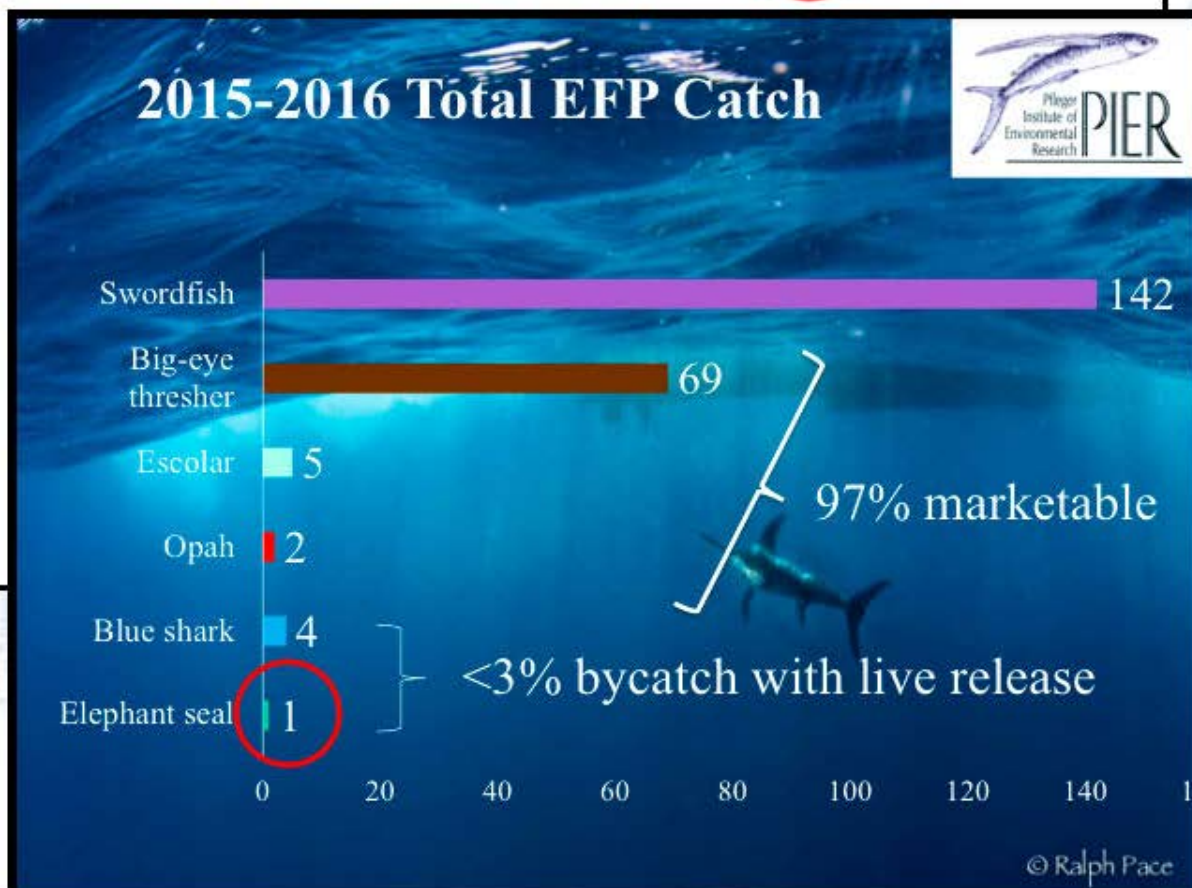
2.4 dolphin caught per 100 sets (3.8 x 2.4) equates to 9 dolphins caught per 75mt of swordfish.

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2015-2016 EFP Observer Coverage

Four cooperative fishers performed 107 8hr sets
(Vessels fished from 11 to 39d; total d=138)

17,000lbs. swordfish
in 138 days equates
to 119lbs. of swordfish
per day.



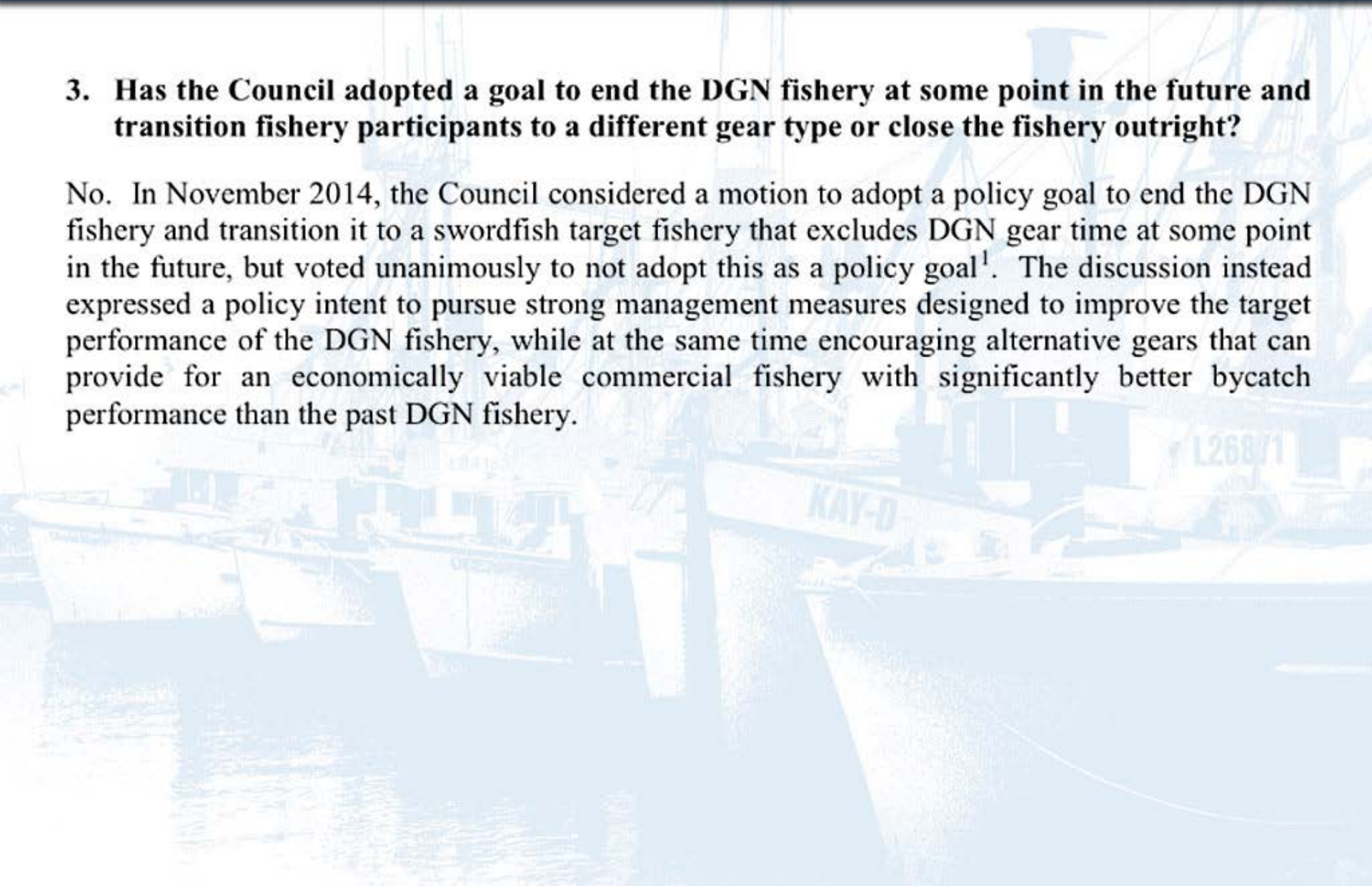
138 days divided by 4
participants equals 35.5
days per participant.

1 elephant seal caught
in 138 days equals
.72 elephant seals caught
per 100 days.

THINGS THAT MAKE YOU GO HMMM...

3. Has the Council adopted a goal to end the DGN fishery at some point in the future and transition fishery participants to a different gear type or close the fishery outright?

No. In November 2014, the Council considered a motion to adopt a policy goal to end the DGN fishery and transition it to a swordfish target fishery that excludes DGN gear time at some point in the future, but voted unanimously to not adopt this as a policy goal¹. The discussion instead expressed a policy intent to pursue strong management measures designed to improve the target performance of the DGN fishery, while at the same time encouraging alternative gears that can provide for an economically viable commercial fishery with significantly better bycatch performance than the past DGN fishery.



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DGN

166,478lbs. swordfish
440lbs. swordfish per set
378 sets
2.4 dolphins per 100 sets

Marine mammal bycatch:
9 dolphins

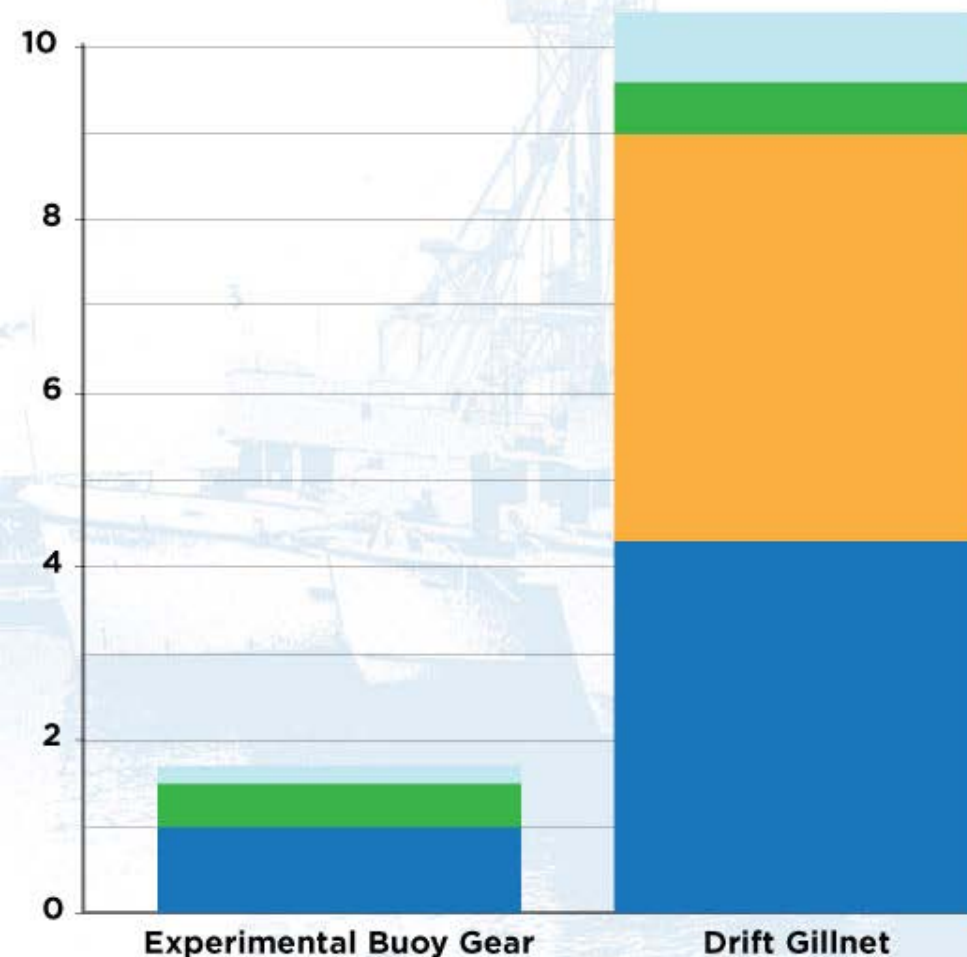
DSBG





166,478lbs. swordfish
119lbs. swordfish per day
1,399 days
.72 seals caught per 138 days

Marine mammal bycatch:
10 elephant seals

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DSBG vs. DGN Marketable Fish Caught Per Day 2015-2016 Fishing Season



	DSBG	DGN
 Swordfish	1	4.3
 Tunas	0	4.7
 Sharks	0.5	0.6
 Other	0.2	0.8
Total	1.7	vs. 10.4

AB 2019 & SB 1114 - MISGUIDED LEGISLATION



SB 1114 Allen

Commercial fishing: swordfish.



SB 1114 Allen

Commercial fishing: swordfish.

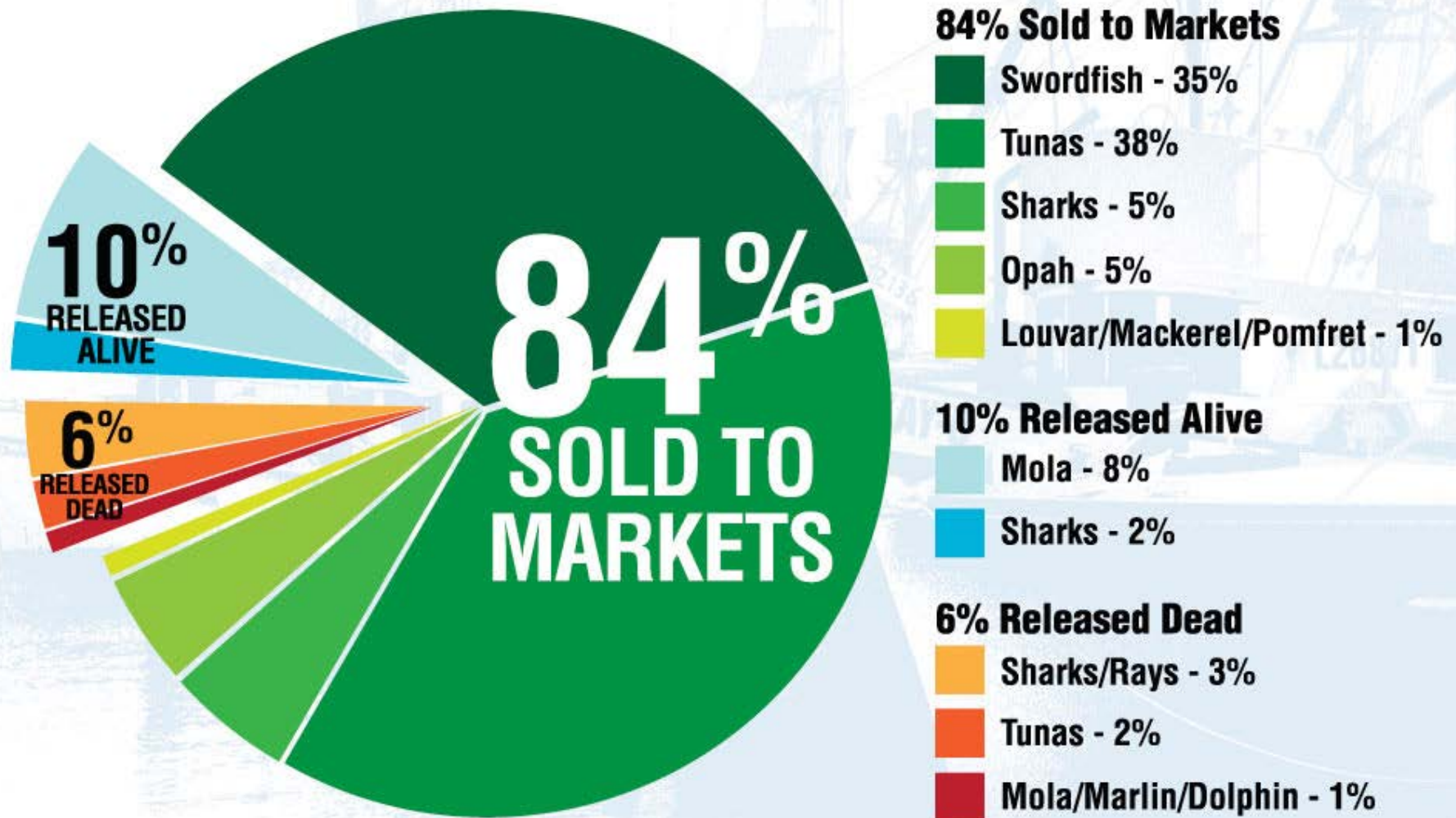
MOVING FORWARD...

**I'M WITH
THEM**

HMSAS

SUCCESSFUL BYCATCH MITIGATION

NMFS California Drift Gillnet Observer Program Observed Catch 2015-2016



A background image of several fishing boats docked in a harbor, with their masts and rigging visible against a light sky. The boats are white with blue accents. The text "THANK YOU" is overlaid in a large, bold, dark blue font.

THANK YOU

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