



Agenda Item G.2.b
Supplemental Public Comment 7
(Electronic Only)
September 2015

- 1) Support CDFW hard caps
- 2) Transition to cleaner gear

Dr. Doug Karpa

Turtle Island Restoration Network

September 12, 2015



New Global Developments

- Mexico:
 - NMFS decertifies Mexico
- Russia:
 - Ban effective January 1, 2016



Drift Gill Nets: ~~Fifteen~~ **Sixteen** vulnerable species threatened



Thank you!

Endangered Scalloped Hammerhead NOW APPEARING IN SAN DIEGO



[Endangered Eastern Pacific Scalloped Hammerhead in San Diego](#)

“It is a scalloped hammerhead. Note that there are two scallops on the frontal margin of either side of the rostrum and the dorsal fin is sloped backward. These two features separate it from the great hammerhead, *Sphyrna mokarran*.”

– Prof. Pete Klimley, U.C. Davis

New Endangered SPECIES ACT CANDIDATE

1: Common Thresher



New Endangered SPECIES ACT CANDIDATE

2: Bigeye Thresher



New Endangered SPECIES ACT CANDIDATE

3: Smooth Hammerhead



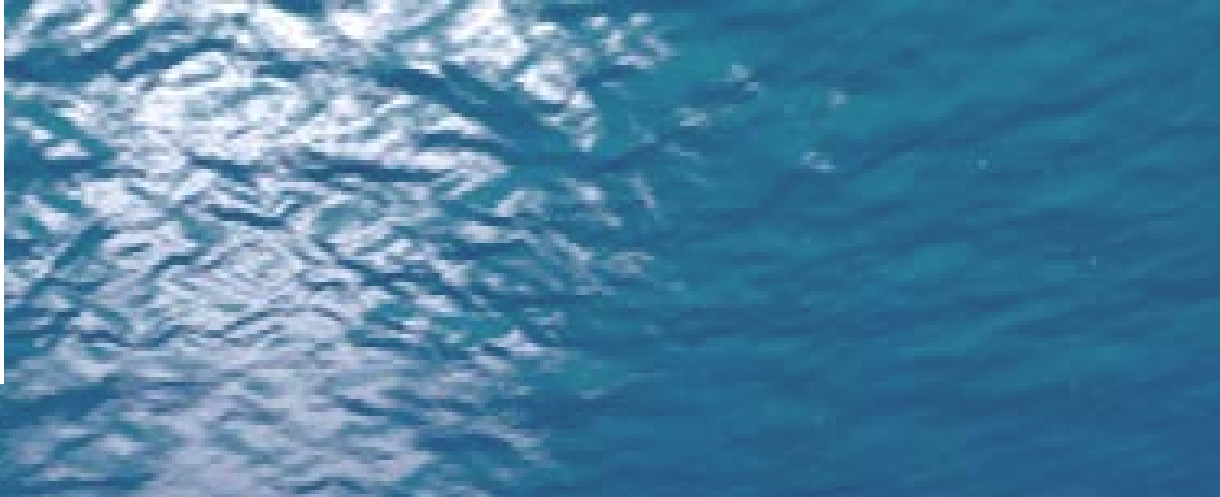
Drift Gill Nets:

Sixteen vulnerable species threatened

Management must
now consider:



- Range expansion:
 - Endangered Scalloped Hammerhead
- New Candidate species
 - Smooth Hammerhead
 - Common Thresher
 - Bigeye Thresher



Recommendations:

1. Start Transition Planning Now
2. Implement finfish performance standards



PFMC has
**independent statutory
authority**

MSA: National Standard 1

- “taking into account the protection of marine ecosystems”
- “reduced by any relevant economic, **social**, or **ecological** factor”
 - 16 U.S.C. 1802



NMFS' authority is

- * narrower with
- * narrower standards

- **Endangered Species Act:**

- Avoid jeopardy to listed species

- **MMPA:**

- Protect Marine Mammals

- Take Reduction Team: Species by species



PFMC has



Broader constitutional role

- FMCs broader political role
 - State Officials
 - Tribal representative
- NMFS :
 - Federal Executive Branch

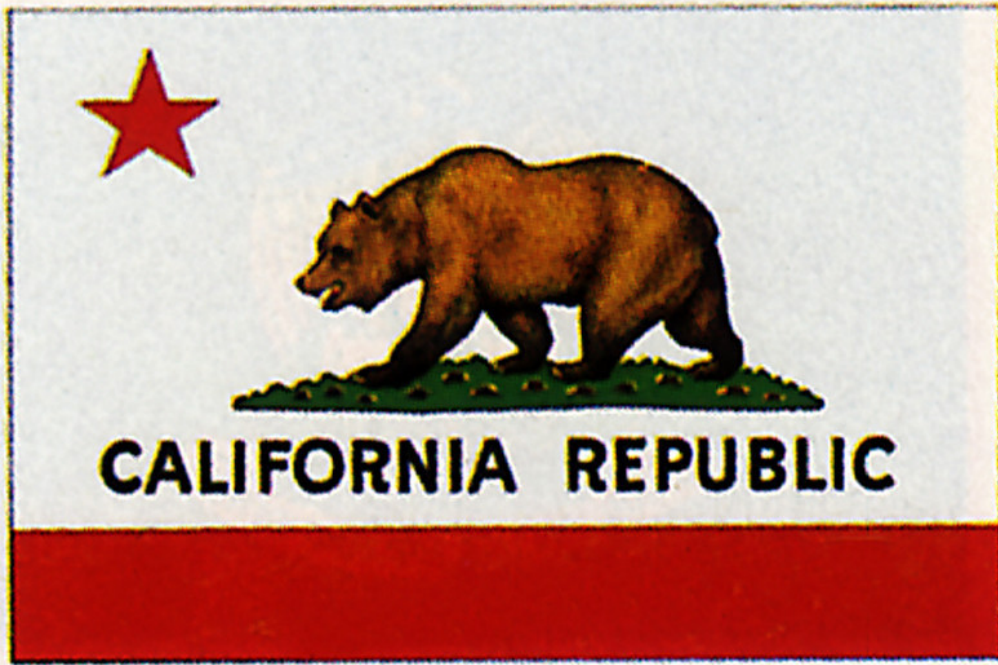


Protecting endangered and rare species for the American people

SOCIAL:

Elected Representatives demand grater protection than NMFS is prepared to give under ESA or MMPA

- **17 Members of the House of Representatives**
- **Senators Feinstein, Boxer and Wyden**
- **8 Members of the California Legislature**



4. Retain California's authority over DGN fishery

- California coastal wildlife are a public trust resource.
- No other state fisheries to coordinate



4. Institute firm CDFW hard caps as interim measure



Hard caps can reduce bycatch

“The POCTRT has seen much success over the past two decades, achieving reductions in marine mammal bycatch and even meeting the zero mortality rate goal for most stocks.”

- Letter from Rebecca Lent, Ph.D., Executive Director, Marine Mammal Protection Council



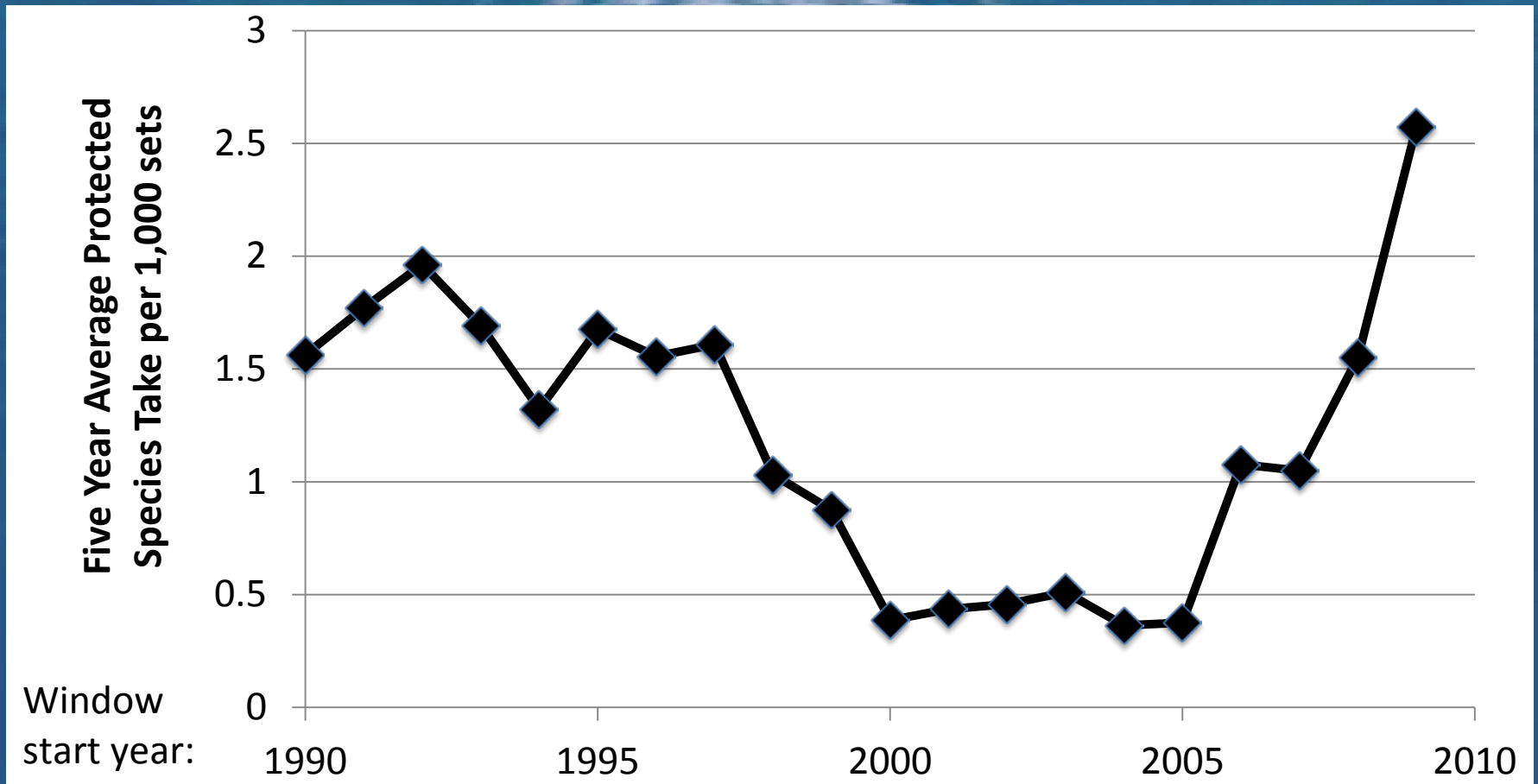
Hard caps can reduce bycatch

Table 13. Historical performance of the DGN fishery under Hard Cap Alternative 5 (CDFW PPA) proposed entanglement caps. Shaded cells denote season closures due to attainment of a hard cap for one or more species.

Species	Observed Entanglement Cap*	Estimated Annual Take**	OBSERVED NUMBER OF TAKES																							
			Season:																							
			90/91	91/92	92/93	93/94	94/95	95/96	96/97	97/98	98/99	99/00	00/01	01/02	02/03	03/04	04/05	05/06	06/07	07/08	08/09	09/10	10/11	11/12	12/13	13/14
Fin whale	0.6 (1)	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Humpback whale	0.6 (1)	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Sperm whale	0.6 (1)	2	0	0	3	3	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	2	0	0	0	
Leatherback sea turtle	0.9 (1)	3	1	1	5	2	1	5	2	4	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	
Loggerhead sea turtle	0.9 (1)	3	0	0	5	2	0	0	0	4	3	0	0	1	0	0	0	0	1	0	0	0	0	0	0	
Olive ridley sea turtle	0.6 (1)	2	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	
Green sea turtle	0.6 (1)	2	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	
Short-fin pilot whale C/O/W	1.5 (2)	5	0	0	1	8	0	0	0	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	2	
Common bottlenose dolphin C/O/W	1.8 (2)	6	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	
<i>Estimated number of sets:</i>			4,375	4,578	4,755	5,652	3,689	3,918	3,389	3,436	2,959	2,401	1,953	1,678	1,673	1,433	1,022	1,075	1,353	998	1,060	832	396	525	408	559



Hard cap protected species: take rate is not lower





Hard caps can lower take proactively

- Increased effort = increased take
- Clean up first before expansion
- Needs robust data on rare events



CDFW CAPS

- 1) Adopt Alternative 5
- 2) Adopt 100% observer coverage



CHANGE SCHEDULE

1. Move up transition plan
 - Adopt Buoy gear
2. Abandon SSL expansion

Time to move to targeted gear only.



Thank you!