

NMFS Electronic Monitoring Efforts

U.S. West Coast Swordfish Meeting

May 11-12, 2015

La Jolla, CA

May 2013 Policy On Electronic Technologies and Fishery-Dependent Data Collection

- [Policy Directive 30-133](#),
- Called for identification of fisheries for which electronic technologies or FMPs for which electronic technologies are appropriate
- NMFS and PFMC Developed 10 Year Plan-Adopted at November Council Meeting
- Finalized and sent to NMFS HQs in January 2015

Plan Has Three Phases

- Initial Implementation Projects in 2015-2017.
Implementing Pacific Council actions taken in 2014 and implementing processes for ET initiatives or major policy issues identified prior to 2015
- Expansion of current projects in 2018-2020. Reviewing and refining projects implemented in the prior triennium, developing additional recreational projects; developing, revising, and integrating databases; and developing data access policies.
- Implementing advanced ET projects in 2021-2024.
Pursuing projects based on improved ET capabilities and on better tools to report the information and data.

ET Plan to Initially Address:

- Reduce observer costs to the industry in the Pacific Groundfish fishery
- Supplement observer coverage in the HMS fishery for the purposes of catch and bycatch accounting
- Improve inseason management through timelier reporting via electronic logbooks and fish tickets
- Expand VMS to drift gillnet vessels, 24 meters or greater, that fish for tuna and tuna-like species in the Eastern Pacific Ocean.

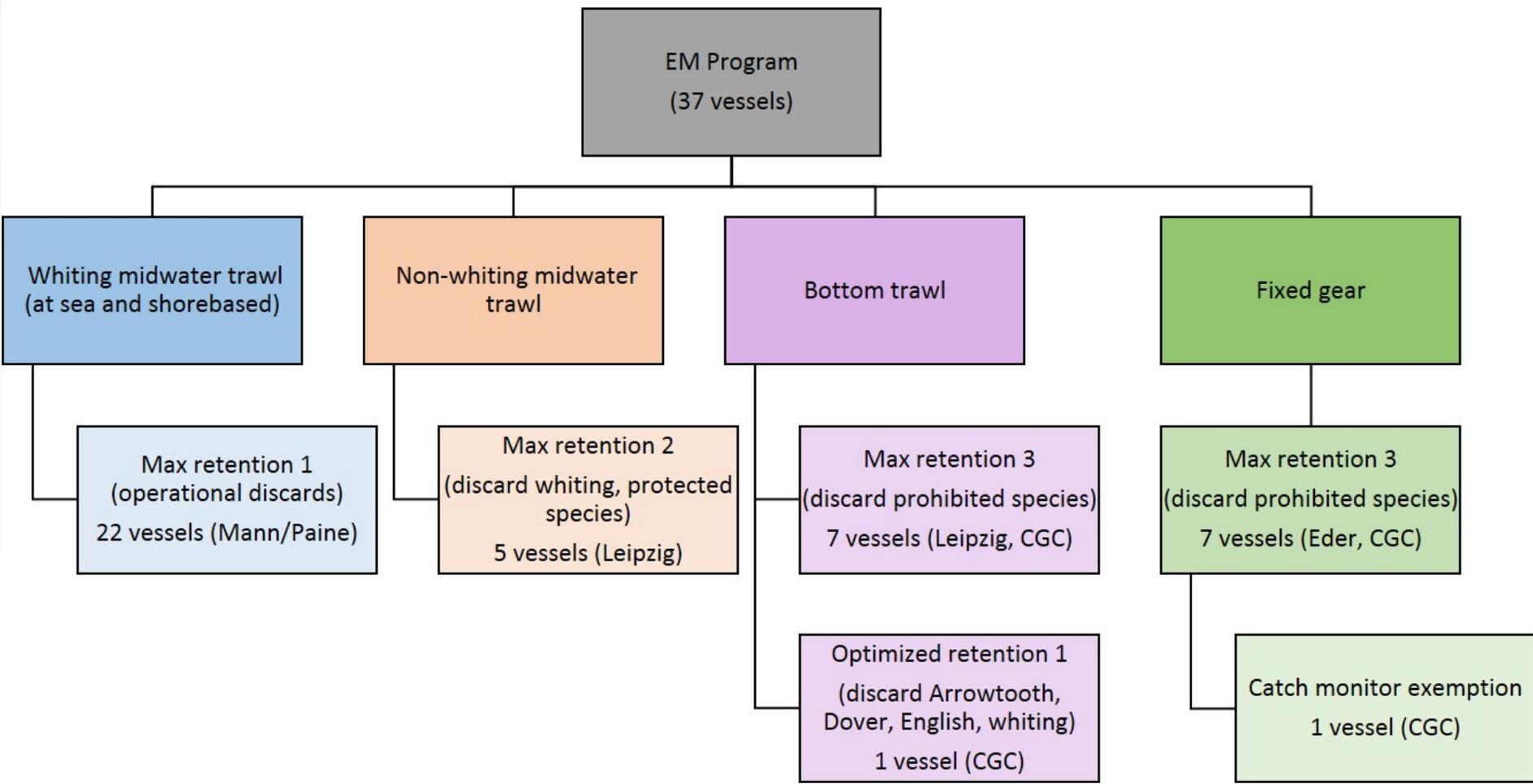
Phase I-2015-2017 Initial Implementation Projects

- Electronic Fish Tickets for HMS Fisheries
- Electronic logbooks for HMS Drift Gillnet and HMS Commercial passenger fishing vessel fleet
- Camera-based EM systems needed for HMS Drift Gillnet fishery
- Expand VMS to drift gillnet vessels,
- Encourage use of EFPs, voluntary research projects and use of funding opportunities

Implementing Regulations Schedule

- The Pacific Council has made motions that lead to following rough implementation schedule for EM:
- Drift Gillnet Fishery (2018)
- Groundfish Whiting (2016)
- Groundfish-Fixed Gear Sablefish Fishery (2017)
- Groundfish Shorebased IFQ-non whiting (2017)

Exempted Fishing Permits by Gear Type



Highlights of Groundfish EM EFP Program

- Vessels from all IFQ sectors, different discard/retention strategies
- An integrated global position system (GPS) and control center will log each vessel's location every 10 seconds.
- Still carry “scientific observers” when selected to maintain scientific data collection and provide additional information that may be used to evaluate EFP performance.
- Terms and Conditions of EFPs and associated individual vessel monitoring plans-good start on draft regulations

TNC HMS Saltonstall-Kennedy Proposal

- \$329K request plus \$147K match is under final review-winning proposals determined by first week of June
- Two years, Video cameras and Electronic Logbooks, five vessels
- Addresses following goals:
 - Improve EM/ER functionality and cost-effectiveness
 - Determine EM system ability to assess condition of non-target catch
 - Broader Acceptance of EM/ER