

HMS FMP OPTIONS

June 13, 2001

HMS FMP Plan Development Team

Organization of Presentation

- I. Management Authority
- II. Management Unit Species
- III. Control Rules
- IV. Essential Fish Habitat
- V. Framework Management
- VI. Treaty Indian Fishing

Organization of Presentation, Cont'd.

- VII. Fisheries
 - A. Surface Hook-and-Line
 - B. Drift Gillnet
 - C. Harpoon
 - D. Pelagic Longline
 - E. Purse Seine
 - F. Recreational

Organization of Presentation, Cont'd.

- VIII. Legal Gears
 - A. Commercial
 - B. Sport
- IX. Licensing
 - A. Commercial
 - B. Sport
- X. Bycatch

Organization of Presentation, Cont'd.

- XI. Monitoring/Reporting
- XII. Prohibited Species
- XIII. Shark Conservation
- XIV. Harvest Quotas

I. Management Authority Options

- 1. Status Quo or No-Action Alternative
 - Do not adopt a federal FMP for west-coast based HMS fisheries
- 2. Federal FMP (Team Preferred)
 - Adopt a federal FMP to manage west-coast based HMS fisheries

II. Management Unit Species Option: 4. Define MUS as: (Council Preferred)

- Albacore tuna
- Bigeye tuna
- Bluefin tuna
- Skipjack tuna
- Yellowfin tuna
- Striped marlin
- Swordfish
- Blue shark
- Bigeye thresher shark
- Common thresher shark
- Pelagic thresher shark
- Shortfin mako shark
- Dorado (Dolphinfish)

III. Control Rule Option

- 8. Adopt default control rules (Team Preferred)
 - Use MSYs (or MSY proxies) for Management Unit Species
 - Except OYs for “vulnerable” species (i.e. sharks)
 - Vulnerable – different and unique life histories which make these species more vulnerable to exploitation

IV. Essential Fish Habitat Option

- 9. Adopt Essential Fish Habitat Designations for Management Unit Species (Team Preferred)

V. Framework Management Option

- 10. Adopt Framework Procedures to Allow Council to Adopt Regulatory Measures for HMS Fisheries Managed Under the FMP Without Plan Amendment
 - Time-area restrictions
 - Reporting requirements
 - Permits
 - Quotas or harvest guidelines

V. Framework Management Option, Cont'd.

- Gear restrictions
- Allocations
- At-sea observers
- Vessel monitoring system
- Adjustments to EFH
- Shark conservation measures

V. Framework Management Option, Cont'd.

- 11. Adopt Framework Procedure Outlined in Option 10 with Addition of a “Points of Concern” Process by which Council Must Respond When a “Point of Concern” Is Raised
 - Point of Concern must meet certain criteria before addressed
 - Criteria still need development

VI. Treaty Indian Fishing Options

- 12. Adopt and Include in HMS FMP a Framework Process Similar to That Used for Treaty Indian Fisheries Under Pacific Coast Groundfish FMP
- 13. Authorize the Adoption of the Framework to Accommodate Treaty Fishing Rights in the Implementing Regulations

VII. Fisheries Options:

A. Surface Hook-and-Line

General Options

- 14. Add This Existing Fishery to HMS FMP and Federalize Existing State Regulations (As a Starting Point) with the Understanding That the Status Quo May Change with Adopting Additional Options
 - (Team Preferred)
- 15. Start FMP Amendment Process to Initiate Federal Limited Entry Program

VII. Fisheries Options:

A. Surface Hook-and-Line Shark Conservation

- No Options

VII. Fisheries Options:

A. Surface Hook-and-Line Bycatch Options

- 16. Adopt Performance Standards which Reward Fishers that Reduce Bycatch
 - Performance Standards criteria still need development
- 17. Develop Methods and Investigate Gear Modifications to Reduce Bycatch and/or Bycatch Mortality

VII. Fisheries Options:

A. Surface Hook-and-Line Bycatch Options

- 18. Adopt Time-Area Closures to Minimize Bycatch
- 19. Require Fishers to Retain and Land All Fishing Landed in This Fishery
- 20. Educate Fishers on the Consequences of High Bycatch Rates and Ways to Minimize Bycatch Mortality
 - Team Preferred Option

VII. Fisheries Options:

A. Surface Hook-and-Line Protected Species Option

- 21. Implement a Program to Study and Document the Degree of Protected Species Interaction
 - Team Preferred

VII. Fisheries Options:

B. Drift Gillnet

General Options

- 22. Add This Existing Fishery to HMS FMP and Federalize Existing State Regulations, Including the State Limited Entry System (As a Starting Point) and Regulations Pursuant to MMPA and ESA with the Understanding that the Status Quo May Change with Adopting Additional Options
– (Team Preferred)

VII. Fisheries Options:

B. Drift Gillnet

General Options

- 23. Incorporate Selected Changes to Current California Drift Gillnet Regulations As Part of Option 22
- 24. Allow a Drift Gillnet Fishery within the Entire EEZ (Subject to Regulations Adopted in Options 22 and/or 23 with Exception of Area Closure North of 46°16'N)

VII. Fisheries Options:

B. Drift Gillnet

Shark Options

- 25. Incorporate the Existing Time-Area Closures Off WA-OR-CA for Shark Protection in the HMS FMP
 - Team Preferred
- 26. Close the EEZ north of 45°N Latitude for Shark Protection and to Address Bycatch and Protected Species Concerns

VII. Fisheries Options:

B. Drift Gillnet

Bycatch Options

- 27. Adopt Performance Standards which Reward Fishers that Reduce Bycatch
 - Performance Standards criteria still need development
- 28. Develop Methods and Investigate Gear Modifications to Reduce Bycatch and/or Bycatch Mortality
- 29. Adopt Time-Area Closures to Minimize Bycatch

VII. Fisheries Options:
B. Drift Gillnet
Bycatch Options, Cont'd.

- 30. Require Fishers to Retain and Land All Fishing Landed in This Fishery
- 31. Educate Fishers on the Consequences of High Bycatch Rates and Ways to Minimize Bycatch Mortality
 - Team Preferred Option

VII. Fisheries Options:
B. Drift Gillnet
Bycatch Options, Cont'd.

- 32. Reduce the Number of Permits for the Drift Gillnet Fishery to Minimize Bycatch and Bycatch Mortality
- 33. Limit soak times for Drift Gillnet Fishery to Minimize Bycatch and Bycatch Mortality

VII. Fisheries Options:
B. Drift Gillnet
Protested Species Option

- 34. Incorporate specific directives for reducing takes of protected species into FMP
 - Team Preferred Option

VII. Fisheries Options:

C. Harpoon

General Options

- 35. Add fishery to FMP and federalize existing state regulations (as starting point) with understanding that status quo may change with adopting additional options.
 - If additional options are not adopted, the existing status quo would remain
 - Area north of 46°16'N would remain closed
 - Team Preferred Option

VII. Fisheries Options:
C. Harpoon
General Options, Cont'd.

- 36. Allow harpoon fishing within entire EEZ
 - Subject to regulations adopted in Option 61

VII. Fisheries Options: C. Harpoon Shark & Bycatch Options

- No options

VII. Fisheries Options: C. Harpoon Protected Species

- 37. Implement additional programs to study and document the degrees of protected species interactions
 - Team Preferred Option

VII. Fisheries Options:

D. Pelagic Longline

General Options

- 38. Add this fishery to FMP which would allow a high seas fishery but not a fishery within the EEZ, with the understanding that this may change with adopting additional options.
 - Team Preferred Option

VII. Fisheries Options:

D. Pelagic Longline

General Options

- 38. *“Clarification” Prohibit a pelagic longline fishery within EEZ but allow on high seas, subject to management controls.*
 - *High seas fishery subject to similar observer coverage and mitigation measures as specified under WP Pelagics FMP (e.g. Option 51)*
 - *Longlining within EEZ prohibited until demonstrated that gear/methods produce acceptable levels of bycatch and protected species interactions that do not significantly impact these populations*
 - **NOT OFFICIAL OPTION – PDT CLARIFICATION**

VII. Fisheries Options:
D. Pelagic Longline
General Options, Cont'd.

- 39. Allow pelagic (conventional) longline fishery within EEZ subject to management measures
- 40. Prohibit pelagic (conventional) longline fishery within EEZ
- 41. Initiate EFP process for use of pelagic (conventional) longline gear within EEZ subject to management measures

VII. Fisheries Options:
D. Pelagic Longline
General Options, Cont'd.

- 42. Allow cable longline fishery within EEZ subject to management measures
- 43. Start FMP amendment process to initiate federal limited entry program for high seas pelagic longline fishery

VII. Fisheries Options: D. Pelagic Longline Shark Conservation

- No Options – see Option 89

VII. Fisheries Options: D. Pelagic Longline Bycatch Options

- 44. Adopt Performance Standards which Reward Fishers that Reduce Bycatch
 - Performance Standards criteria still need development
- 45. Develop Methods and Investigate Gear Modifications to Reduce Bycatch and/or Bycatch Mortality
- 46. Adopt Time-Area Closures to Minimize Bycatch

VII. Fisheries Options: D. Pelagic Longline Bycatch Options, Cont'd.

- 47. Require Fishers to Retain and Land All Fishing Landed in This Fishery
- 48. Educate Fishers on the Consequences of High Bycatch Rates and Ways to Minimize Bycatch Mortality
 - Team Preferred Option
- 49. Limit Soak Times for Pelagic Longline Fishery to Limit Bycatch and Bycatch Mortality

VII. Fisheries Options:

D. Pelagic Longline

Protected Species Options

- 50. Implement program to study and document degrees of protected species interactions
 - Team Preferred Option
- 51. Adopted selected portions of WPFMC's regulations which pertain to Hawaiian-based longline fishery for west-coast based (high seas) longline fishery
 - Team Preferred Option

VII. Fisheries Options:

E. Purse Seine

General Options

- 52. Add fishery to FMP and federalize existing state regulations (as starting point) with understanding that status quo may change with adopting additional options.
 - If additional options are not adopted, the existing status quo would remain
 - Area north of 46°16'N would remain closed
 - Team Preferred Option

VII. Fisheries Options:
E. Purse Seine
General Options, Cont'd.

- 53. Allow purse seine fishery within entire EEZ (subject to regulations adopted in Option 49 except for area closure north of $46^{\circ}16'N$).
- 54. Close area within EEZ north of $44^{\circ}N$ latitude to address bycatch and protected species concerns

VII. Fisheries Options: E. Purse Seine Shark Conservation

- 55. Require release of management unit shark species taken in the purse seine fishery.
 - Team Preferred Option

VII. Fisheries Options:

E. Purse Seine

Bycatch Options

- 56. Adopt Performance Standards which Reward Fishers that Reduce Bycatch
 - Performance Standards criteria still need development
- 57. Require fishers to retain and land all fish that is caught in this fishery.
- 58. Prohibit setting of small vessel (coastal) purse seine gear on floating objects within EEZ.
- 59. Educate fishers on consequences of high bycatch rates and ways to minimize bycatch mortality – Team Preferred Option

VII. Fisheries Options:

E. Purse Seine

Protected Species Options

- 60. Implement program to study and document degrees of protected species interactions.
 - Team Preferred Option

VII. Fisheries Options:

F. Recreational General Options

- 61. Add fishery to FMP and federalize existing state regulations (as starting point) with understanding that status quo may change with adopting additional options.
 - If additional options are not adopted, the existing status quo would remain
 - Team Preferred Option

VII. Fisheries Options:
F. Recreational
General Options, Cont'd.

- 62. Set recreational bag limits which can differ by state or be uniform coastwide.

VII. Fisheries Options:
F. Recreational
Shark Conservation Options

- 63. Adopt coastwide size and bag limits for shark species for recreational fishery.

VII. Fisheries Options:

F. Recreational Bycatch Options

- 64. Adopt formal catch-and-release program for recreational fishery for all HMS.
 - Team Preferred Option
- 65. Require use of “de-hooking” devices for HMS recreational fishery.
- 66. Require use of circle hooks for HMS recreational fishery.

VII. Fisheries Options:
F. Recreational
Protected Species Options

- 67. Implement program to study and document degrees of protected species interactions.

VIII. Legal Gear Options:

A. Commercial

- 68. Include one or more of commercial gears currently legal in one or more states for HMS for commercial harvest of HMS within EEZ and on high seas.
- Gears currently legal to commercially harvest HMS by one or more states are:

VIII. Legal Gear Options:

A. Commercial, Cont'd.

Option 68, Cont'd.

- **Target HMS:**
 - Hand gear (harpoon, rod-and-reel, spear)
 - Hook and line (troll gear)
 - Gillnet (drift, set, or trammel nets)
 - Pelagic longline
 - Nets (lampara, purse seine, seine)
- **Target Non-HMS:**
 - Set longline
 - Trawl
 - Pots

VIII. Legal Gear Options:

B. Recreational

- 69. Include one or more recreational gears currently legal in one or more states for HMS for recreational harvest of HMS within EEZ and on high seas
 - Team Preferred Option
- Gears currently legal to harvest HMS by one or more states are:
 - Hook-and-line (troll gear)
 - Rod-and-reel
 - Spear

IX. Licensing

A. Commercial

- 70. Require federal vessel permit for all commercial HMS fisheries within and outside of EEZ.
 - One permit would cover all HMS fisheries.
- 71. Require federal vessel permit for all commercial HMS fisheries within and outside of EEZ with endorsements for individual fisheries.

IX. Licensing

B. Recreational

- 72. Require federal recreational permit for anglers (16 years or older) to fish for and retain or possess HMS in EEZ
- 73. Require federal permit for all recreational vessels to fish for HMS within and outside of EEZ.
 - Team Preferred Option
- 74. Require federal or state permit for all recreational vessels to fish for HMS within and outside of EEZ.

X. Bycatch – General

- 75. Direct HMS PDT to develop comprehensive bycatch plan for west coast HMS fisheries.

XI. Monitoring/Reporting

- 76. Federalize status quo by incorporating existing state and federal logbook programs into FMP
- 77. Require federal logbooks for all following HMS fisheries within and outside of EEZ:
 - Surface hook and line
 - Drift gillnet
 - Pelagic longline
 - Team Preferred Option
 - Purse seine
 - Harpoon
 - Charter/party

XI. Monitoring/Reporting, Cont'd.

- 78. Require observer coverage for pelagic longline fishery wherever it is allowed.
 - Team Preferred Option
- 79. Require observer coverage for one or more HMS fisheries within and outside of EEZ:
 - Surface hook and line
 - Drift gillnet
 - Pelagic longline
 - Purse seine
 - Harpoon
 - Charter/party

XI. Monitoring/Reporting, Cont'd.

- 80. Direct PDT to develop comprehensive at-sea data collection plan.
- Priority order of collection:
 1. Pelagic longline
 2. Surface hook and line
 3. Small vessel purse seine
 4. Charter/party
 5. Additional DGN
 6. Harpoon
- Team Preferred Option

XI. Monitoring/Reporting, Cont'd.

- 81. Require vessel monitoring systems (VMS) for one or more of following HMS fisheries within and outside of EEZ:
 - Surface hook and line
 - Drift gillnet
 - Pelagic longline
 - Purse seine
 - Harpoon
 - Charter/party

XII. Prohibited Species -- General

- 82. Federalize status quo by incorporating existing state regulations for prohibited species into FMP
- 83. Prohibit taking of basking and white sharks
 - Team Preferred Option
- 84. Prohibit taking of megamouth sharks
 - Team Preferred Option

XII. Prohibited Species – General, Cont'd.

- 85. Prohibit taking of Pacific halibut and salmon unless using authorized gear during authorized seasons for those species.
 - Team Preferred Option.
- 86. Prohibit the taking and sale of striped marlin by commercial HMS fisheries.

XIII. Shark Conservation -- General

- 87. Adopt current federal law regarding removal of shark fins at sea as part of FMP
 - Allows fin removal at sea provided carcasses are landed
 - Subject to landing ratio not to exceed 5% of fin weight to carcass weight
 - Team Preferred Option

XIII. Shark Conservation -- General

- 88. Prohibit removal of shark fins at sea (i.e. sharks brought in whole)
 - Except for threshers may have fins removed with carcasses retained.
- 89. Prohibit establishment of new fisheries within EEZ targeting sharks pending research or exploratory fishery (EFP) to determine sustainability or biological impacts of such gear.

XIV. Harvest Quotas

- 90. Direct PDT to develop method to set commercial and recreational harvest quotas based on historical landings.
- Quotas would apply to those species identified as vulnerable under Control Rules or for which there is inadequate stock assessment information:
 - Blue, common thresher, bigeye thresher, pelagic thresher, shortfin mako sharks