

## **Fishery Management Plan for U.S. West Coast Fisheries for Highly Migratory Species**

### **Management Unit Species (Actively Managed)**

#### Tunas:

- North Pacific albacore (*Thunnus alalunga*)
- yellowfin tuna (*Thunnus albacares*)
- bigeye tuna (*Thunnus obesus*)
- skipjack tuna (*Katsuwonus pelamis*)
- northern bluefin tuna (*Thunnus orientalis*)

#### Sharks:

- common thresher shark (*Alopias vulpinus*)
- pelagic thresher shark (*Alopias pelagicus*)
- bigeye thresher shark (*Alopias superciliosus*)
- shortfin mako or bonito shark (*Isurus oxyrinchus*)
- blue shark (*Prionace glauca*)

#### Billfish/Swordfish:

- striped marlin (*Tetrapturus audax*)
- swordfish (*Xiphias gladius*)

#### Other:

- dorado or dolphinfish (*Coryphaena hippurus*)

### **Species Included in the FMP for Monitoring Purposes**

#### **Sharks and Rays**

- Blue shark (*Prionace glauca*)
- Whale shark (*Rincodon typus*)
- Prickly shark (*Echinorhynchus cookie*)
- Salmon shark (*Lamna ditropis*)
- Leopard shark (*Triakis semifasciata*)
- Hammerhead sharks (Sphyrnidae)
- Soupfin shark (*Galeorhinus galeus*)
- Silky shark (*Carcharhinus falciformis*)
- Oceanic whitetip shark (*C. longimanus*)
- Blacktip shark (*C. limbatus*)
- Dusky shark (*C. obscurus*)
- Sixgill shark (*Hexanchus griseus*)
- Spiny dogfish (*Squalus acanthias*)

Pelagic stingray (*Dasyatis violacea*)  
Manta/Mobula rays (Mobulidae)  
Bat ray (*Myliobatis californica*)

### **Tunas and Mackerels**

Black skipjack (*Euthynnus lineatus*)  
Pacific bonito (*Sarda chiliensis*)  
Wahoo (*Acanthocybium solandri*)  
Bullet mackerel (tuna) (*Auxis rochei*)  
Frigate mackerel (tuna) (*A. thazard*)  
Pacific mackerel (*Scomber japonicus*)

### **Billfishes and Swordfish**

Blue marlin (*Makaira nigricans*)  
Black marlin (*M. indica*)  
Pacific sailfish (*Istophorus platypterus*)  
Shortbill spearfish (*T. angustirostris*)

### **Jacks, Barracudas, and Pomfrets**

Pacific moonfish (*Selene peruviana*)  
Yellowtail (*Seriola lalandi*)  
Jack mackerel (*Trachurus symmetricus*)  
Rainbow runner (*Elegatis bipinnulata*)  
Pacific pomfret (*Brama japonica*)  
California barracuda (*Sphyrna argentea*)

### **Other Fishes**

Pacific whiting (*Merluccius productus*)  
*Sebastes* spp.  
Lingcod (*Ophiodon elongates*)  
Pacific saury (*Cololabis saira*)  
Common mola (*Mola mola*)  
Louvar (*Luvarus imperialis*)  
Oarfish (*Regalecus glesne*)  
Lancetfishes (Alepisauridae)  
Triggerfishes (Balistidae)  
Sablefish (*Anoplopoma fimbria*)  
Escolar (*Lepidocybium flavobrunneum*)  
Oilfish (*Ruvettus pretiosus*)  
Opah (*Lampris guttatus*)  
White seabass (*Atractoscion noblis*)  
Northern anchovy (*Engraulis mordax*)  
Pacific sardine (*Sardinops sagax*)  
California sheephead (*Semicossyphus pulcher*)

## United Nations Convention on the Law of the Sea: Annex I. Highly Migratory Species

Albacore tuna: *Thunnus alalunga*.

Bluefin tuna: *Thunnus thynnus*.

Bigeye tuna: *Thunnus obesus*.

Skipjack tuna: *Katsuwonus pelamis*.

Yellowfin tuna: *Thunnus albacares*.

Blackfin tuna: *Thunnus atlanticus*.

Little tuna: *Euthynnus alletteratus*; *Euthynnus affinis*.

Southern bluefin tuna: *Thunnus maccoyii*.

Frigate mackerel: *Auxis thazard*; *Auxis rochei*.

Pomfrets: Family *Bramidae*.

Marlins: *Tetrapturus angustirostris*; *Tetrapturus belone*; *Tetrapturus pfluegeri*; *Tetrapturus albidus*; *Tetrapturus audax*; *Tetrapturus georgei*; *Makaira mazara*; *Makaira indica*; *Makaira nigricans*.

Sail-fishes: *Istiophorus platypterus*; *Istiophorus albicans*.

Swordfish: *Xiphias gladius*.

Sauries: *Scomberesox saurus*; *Cololabis saira*; *Cololabis adocetus*; *Scomberesox saurus scombroides*.

Dolphin: *Coryphaena hippurus*; *Coryphaena equiselis*.

Oceanic sharks: *Hexanchus griseus*; *Cetorhinus maximus*; Family *Alopiidae*; *Rhincodon typus*;

Family *Carcharhinidae*; Family *Sphyrnidae*; Family *Isurida*.

Cetaceans: Family *Physeteridae*; Family *Balaenopteridae*; Family *Balaenidae*; Family *Eschrichtiidae*; Family *Monodontidae*; Family *Ziphiidae*; Family *Delphinidae*.