

FAR SEAS FISHERIES RESEARCH LABORATORY

JAPAN FISHERIES AGENCY



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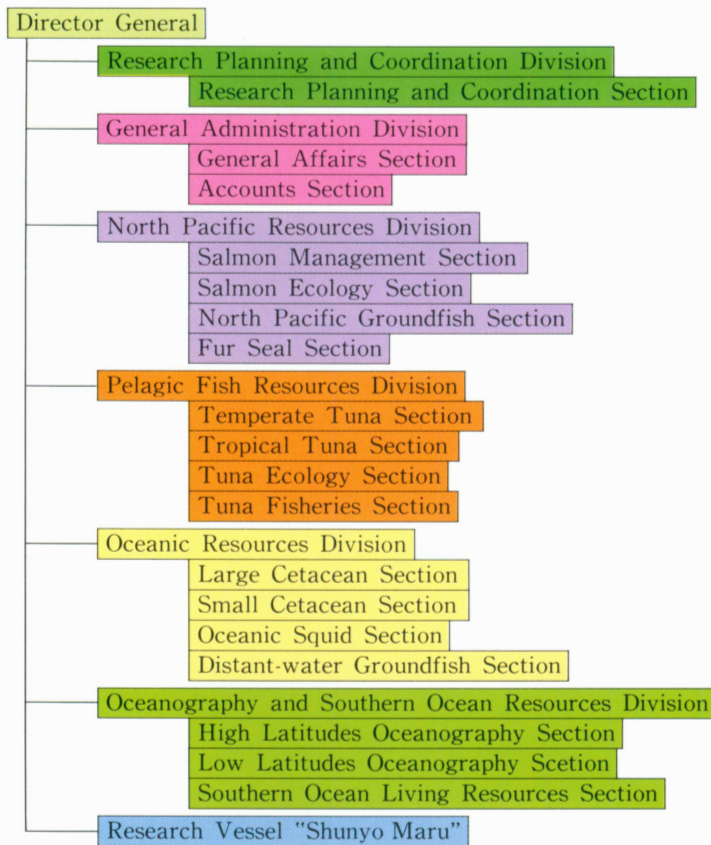
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HISTORY

- 1967, Aug. Far Seas Fisheries Research Laboratory, composed of Pelagic Fish Resources Division, Groundfish and Marine Mammals Division, North Pacific Resources Division, Oceanography Division and Administration Section, was founded in Shimizu.
- 1968, Apr. "Research Planning and Coordination Division" was established.
- 1969, Apr. "General Administration Division" was established.
- 1970, May "North Pacific Resources Division" was shifted to Shimizu from Hakodate, Hokkaido.
- 1983, Oct. "Southern Ocean Living Resources Section" was established.
- 1984, Apr. Partial reorganization of the laboratory. The "Groundfish and Marine Mammals Division" and "Oceanography Division" were recomposed into "Groundfish Resources Division" and "Oceanography and Southern Ocean Resources Division"
- 1988, Apr. The whole organization of the laboratory was reviewed, and the following revised organization was established.

ORGANIZATION



NORTH PACIFIC RESOURCES DIVISION

The North Pacific Ocean is one of the most productive fishing grounds in the world. This Division carries out fisheries biological studies on the salmon, groundfish and northern fur seal, and contributes to the management and development of the fisheries in this area.

Salmon Management Section

Studies on the population dynamics and management of salmon and other pelagic fish resources.



Optical Pattern Recognition System.

Salmon Ecology Section

Studies on the ecology of salmon and other pelagic fish species.

North Pacific Groundfish Section

Studies on the ecology, population dynamics and management of the groundfish.

Fur Seal Section

Studies on the ecology, population dynamics and management of the northern fur seal.



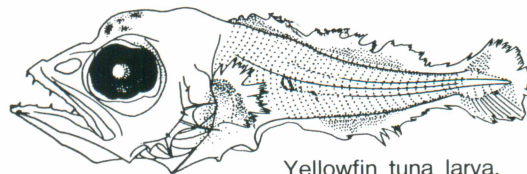
Measurement of fish aboard research vessel.



Fur seal with radio transmitter.

PELAGIC FISH RESOURCES DIVISION

Major tasks of this Division are to study the fisheries biology and stock status of pelagic fishes, especially highly migratory tunas and billfishes, in order to provide scientific basis for the international management of pelagic fish resources.



Yellowfin tuna larva.

Temperate Tuna Section

Studies on the stock status and management of temperate tunas, such as bluefin and southern bluefin tunas.



Sampling activity in Yaizu Fishing Port.

Tropical Tuna Section

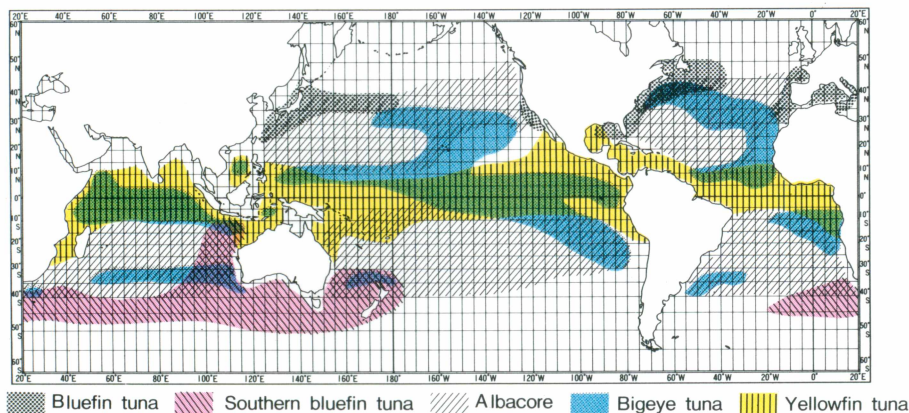
Studies on the stock status and management of tropical tunas such as yellowfin and bigeye tunas.

Tuna Ecology Section

Studies on the ecology of tunas and billfishes, including their larval stages.

Tuna Fisheries Section

This section, which is located in Yaizu Fishing Port, one of the major tuna unloading ports in Japan, collects and analyzes various biological and fisheries information, including economic aspects, from major far seas tuna fleet entering the port.



Distribution of tuna species.

OCEANIC RESOURCES DIVISION

This Division conducts studies on a variety of marine living resources in distant waters from Japan, from whales and dolphins to squids and groundfishes, and contributes to the rational management and development of the Japanese distant water fisheries.

Large Cetacean Section

Studies on the ecology, population dynamics and management of large cetacean stocks in the Antarctic and North Pacific.

Small Cetacean Section

Studies on the ecology, population dynamics, and management of small cetacean stocks utilized or incidentally taken by Japanese fishing operations.

Oceanic Squid Section

Studies on the ecology, population dynamics and management of oceanic squids, particularly flying squid, in the North Pacific.

Distant-water Groundfish Section

Studies on the ecology, population dynamics and management of groundfish species such as jack mackerels, redfishes, prawns and squids in the distant waters excluding the North Pacific.



Blow of fin whale in the Antarctic.



Trawl operation in the distant waters.



Gillnet operation for flying squid in the North Pacific.

OCEANOGRAPHY AND SOUTHERN OCEAN RESOURCES DIVISION

The oceanographic studies are essential to know the distribution, migration and abundance of living resources and to manage them rationally. This Division covers the studies on physical, chemical and biological oceanography on a global scale, and conducts studies on Southern Ocean ecosystem focused on Antarctic krill.

High Latitudes Oceanography Section

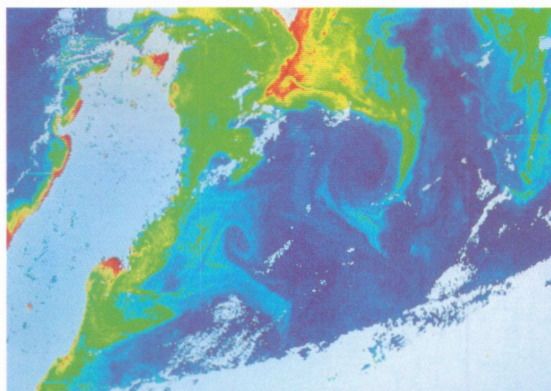
Satellite oceanography and studies on ocean dynamics and marine environment in high latitudinal waters.

Low Latitudes Oceanography Section

Studies on ocean dynamics and the marine environment in tropical waters.

Southern Ocean Living Resources Section

Studies on krill resources, their ecology and management in the Southern Ocean.



Phytoplankton abundance map deduced from satellite (NIMBUS-7 CZCS) data.



Electronic bathythermograph system for voluntary observation ships.



Antarctic krill *Euphausia superba*.

RESEARCH VESSELS

Shunyo Maru

Type : Stern trawler
Registered Owner : Far Seas Fish. Res. Lab.
Gross Tonnage : 393.44 tons
Engine : 2×1,300 PS/720 R (main),
1×365 PS/1,800 R (aux.)



R. V. Shunyo Maru

Kaiyo Maru

Type : Stern trawler
Registered Owner : Fisheries Agency
Gross Tonnage : 2,539.48 tons
Engine : 2,300 KW (diesel-electric)



R. V. Kaiyo Maru

Shoyo Maru

Type : General research vessel
Registered Owner : Fisheries Agency
Gross Tonnage : 1,362.9 tons
Engine : 2×2,000 PS

PUBLICATIONS

A. Periodicals

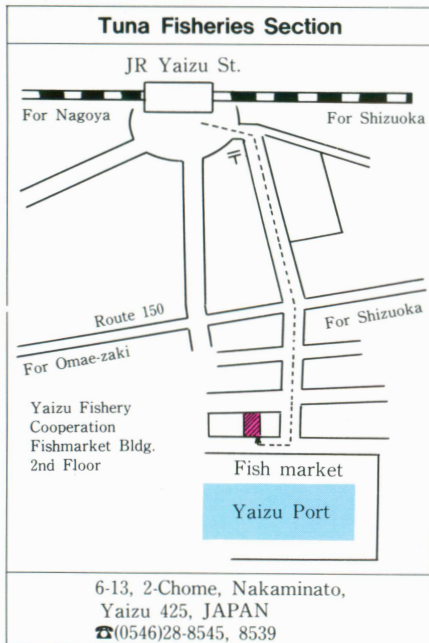
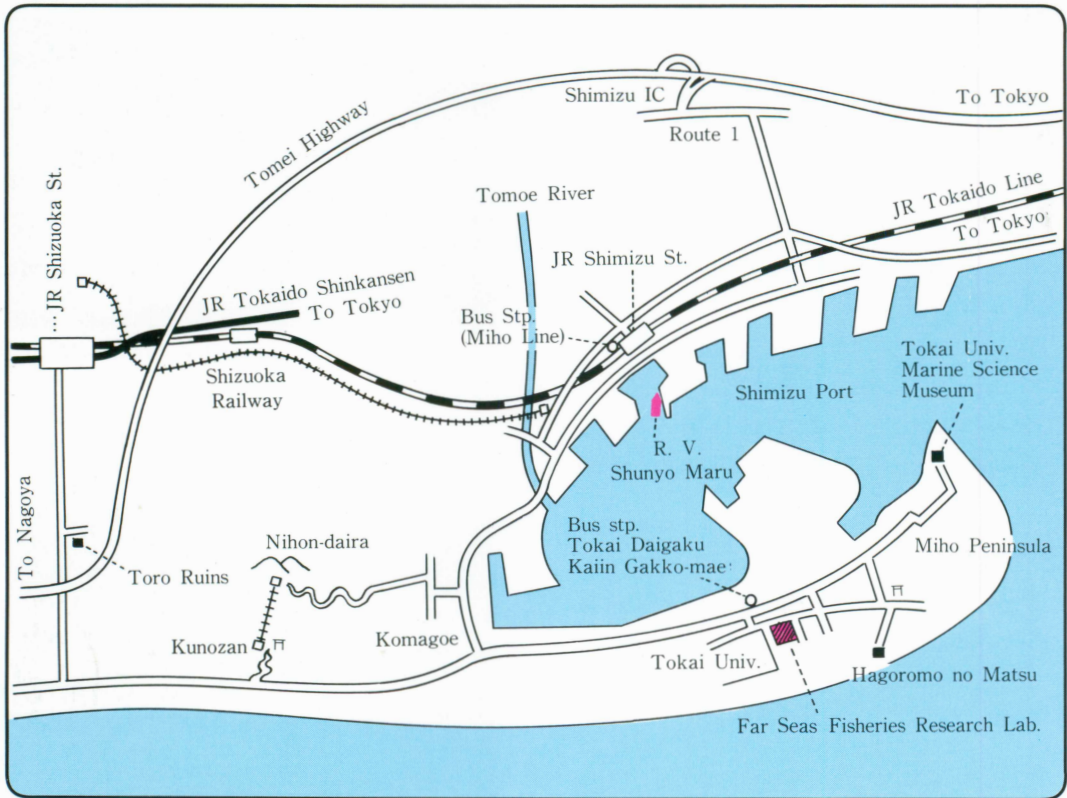
1. Bulletin of the Far Seas Fisheries Research Laboratory
2. News of the Far Seas Fisheries Research Laboratory

B. Irregulars

1. Far Seas Fisheries Research Laboratory S-Series
2. Reports of research work
3. Others



INFORMATION MAP



To headquarter in Shimizu

1. By JR Tokaido Shinkansen (Super Express)
 - (1) Alight at Shizuoka station. Transfer to JR Tokaido Line to Shimizu station (Shimizu station is the second from Shizuoka station). Take a taxi from Shimizu station (Show this map to the driver. It takes 15 minutes).
 - (2) Alight at Shizuoka station. Take a taxi from the south exit (Minami-guchi). (It takes 40 minutes).
2. By JR Tokaido Line. Alight at Shizuoka station. Take a taxi from the station.

To Tuna Fisheries Section in Yaizu

Alight from JR Tokaido Shinkansen (Super Express) at Shizuoka station and transfer to JR Tokaido Line. Alight at Yaizu station (Yaizu station is the second stop from Shizuoka). It takes 5 minutes to Tuna Fisheries Section on foot.