

# The Magnuson-Stevens Fishery Conservation and Management Act

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The Magnuson-Stevens Fishery Conservation and Management Act, Public Law 94-265 as amended (Magnuson-Stevens Act), provides for the conservation and management of fishery resources within the U.S. Exclusive Economic Zone (EEZ). It also provides for fishery management authority over continental shelf resources and anadromous species beyond the EEZ, except when they are found within a foreign nation's territorial sea or fishery conservation zone (or equivalent), to the extent that such sea or zone is recognized by the United States.

The EEZ extends from the seaward boundary of each of the coastal States (generally 3 nautical miles from shore for all but two States) to 200 nautical miles from shore. The seaward boundaries of Texas, Puerto Rico, and the Gulf coast of Florida are 3 marine leagues (9 nautical miles). The EEZ encompasses approximately 3.36 million square nautical miles.

## GOVERNING INTERNATIONAL FISHERY AGREEMENTS

Under the Magnuson-Stevens Act, the Secretary of State, in cooperation with the Secretary of Commerce, negotiates Governing International Fishery Agreements (GIFAs) with foreign nations requesting to fish within the EEZ. After a GIFA is signed, it is transmitted by the President to the Congress for ratification.

## FOREIGN FISHING PERMITS

Title II of the Magnuson-Stevens Act governs foreign fishing in the EEZ. The process applied to foreign fishing has been described in prior issues of this publication. As U.S. fishing capacity grew, foreign participation in directed fisheries, as well as in foreign joint ventures in which U.S. vessels delivered U.S. harvested fish to permitted foreign vessels in the EEZ diminished until, in 1991, foreign vessels no longer were permitted to conduct directed fishing in the EEZ. This marked the achievement of one of the objectives of the Magnuson-Stevens Act, that is, the development of the U.S. fishing industry to take what were in 1976 underutilized species, and the displacement of directed foreign fishing effort in the EEZ.

As a result of the above, there has been no total allowable level of foreign fishing since 1991, although 10,000 mt of Atlantic mackerel and 40,000 mt of

Atlantic herring were available for joint venture fishing in 1999. NMFS continues to maintain certain regulations pertaining to foreign fishing should there be a situation in the future in which allowing limited foreign fishing in an underutilized fishery would be of advantage to the U.S. fishing industry.

## FMPs and PMPs

Under the Magnuson-Stevens Act, eight Regional Fishery Management Councils are charged with preparing Fishery Management Plans (FMPs) for the fisheries needing management within their areas of authority. After the Councils prepare FMPs that cover domestic and foreign fishing efforts, the FMPs are submitted to the Secretary of Commerce (Secretary) for approval and implementation. The Department, through NMFS agents and the U.S. Coast Guard, is responsible for enforcing the law and regulations.

The Secretary is empowered to prepare FMPs in the Atlantic and Gulf of Mexico for highly migratory species. Where no FMP exists, Preliminary Fishery Management Plans (PMPs), which only cover foreign fishing efforts, are prepared by the Secretary for each fishery for which a foreign nation requests a permit. The Secretary is also empowered to produce an FMP for any fishery that a Council has not duly produced. In this latter case, the Secretary's FMP covers domestic and foreign fishing.

As of December 31, 1999, six Preliminary Fishery Management Plans (PMPs) were in effect, some of which have been amended since first being implemented.

The Atlantic swordfish, Atlantic sharks, and Atlantic tunas are managed under one FMP, while Atlantic billfish fisheries are managed by a second Secretarial plan under the Magnuson-Stevens Act. The Western Atlantic bluefin tuna fishery is managed under the Magnuson-Stevens Act and the Atlantic Tunas Convention Act.

## FISHERY MANAGEMENT PLANS (FMPs)

Under section 304 of the Magnuson-Stevens Act, all Council-prepared FMPs must be reviewed for approval by the Secretary. After FMPs have been approved under section 304 of the Magnuson-Stevens Act, they are implemented by Federal regulations, under section 305 of the Act. As of December 31,

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1999 there were 40 FMPs in place, including, the two Secretarial FMPs for Atlantic highly migratory species. The 38 FMPs the Councils prepared are listed below. The FMPs are amended by the Councils and the amendments are submitted for approval under the same Secretarial review process as new FMPs. Most of the FMPs listed have been amended since initial implementation. Those marked with a double asterisk (\*\*) were amended in 1999.

Northeast Multispecies (\*\*)  
Atlantic Herring  
Monkfish  
Atlantic Bluefish (\*\*)  
Atlantic Coast Red Drum (\*\*)  
Atlantic Mackerel, Squid, and Butterfish (\*\*)  
Atlantic Salmon (\*\*)  
Atlantic Sea Scallops (\*\*)  
Atlantic Surf Clams and Ocean Quahogs (\*\*)  
Summer Flounder, Scup, and Black Sea Bass (\*\*)  
Spiny Dogfish  
Gulf and South Atlantic Spiny Lobster (\*\*)  
Caribbean Reef Fish (\*\*)  
Gulf of Mexico Reef Fish (\*\*)  
Gulf of Mexico Corals (\*\*)  
South Atlantic Corals (\*\*)  
South Atlantic Golden Crab (\*\*)  
Caribbean Coral Reef Resources (\*\*)  
Gulf of Mexico Shrimp (\*\*)

Gulf of Mexico Stone Crab (\*\*)  
Gulf of Mexico Red Drum (\*\*)  
Coastal Migratory Pelagics (\*\*)  
Caribbean Queen Conch (\*\*)  
Caribbean Spiny Lobster (\*\*)  
South Atlantic Snapper/Grouper (\*\*)  
South Atlantic Shrimp (\*\*)  
Coastal Pelagic Species (\*\*)  
King and Tanner Crab (\*\*)  
Commercial and Recreational Salmon  
High Seas Salmon (\*\*)  
Pacific Coast Groundfish (\*\*)  
Gulf of Alaska Groundfish (\*\*)  
Bering Sea and Aleutian Islands Groundfish (\*\*)  
Alaska Scallops (\*\*)  
Western Pacific Crustaceans (\*\*)  
Western Pacific Precious Corals (\*\*)  
Western Pacific Bottomfish and Seamount Groundfish (\*\*)  
Western Pacific Pelagics (\*\*)

In 1999, NMFS published 940 documents in the *Federal Register* that affected domestic fishing issues and either proposed or implemented fishery management actions (i.e., FMP and amendments). The documents published included hearing, meeting, correction, and proposed and final rule documents.

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## REGIONAL FISHERY MANAGEMENT COUNCILS

<u>Council</u>	<u>Constituent States</u>	<u>Telephone Number</u>	<u>Executive Directors and Addresses</u>
<b>NEW ENGLAND</b>	(Maine, New Hampshire, Massachusetts, Rhode Island, and Connecticut)	978-465-0492 FAX: 465-3116	Paul J. Howard 50 Water St. The Tannery -- Mill 2 Newburyport, MA 01950
<b>MID-ATLANTIC</b>	(New York, New Jersey, Delaware, Pennsylvania, Maryland, Virginia, and North Carolina)	302-674-2331 FAX: 674-5399	David R. Keifer Federal Bldg., Rm. 2115 300 South New St. Dover, DE 19904
<b>SOUTH ATLANTIC</b>	(North Carolina, South Carolina, Georgia and Florida)	803-571-4366 FAX: 769-4520	Robert K. Mahood 1 Southpark Circle Suite 306 Charleston, SC 29407
<b>GULF OF MEXICO</b>	(Texas, Louisiana, Mississippi, Alabama, and Florida)	843-228-2815 FAX: 225-7015	Wayne E. Swingle 3018 U.S. Highway 301 North, Suite 1000 Tampa, FL 33619
<b>CARIBBEAN</b>	(U.S. Virgin Islands and Commonwealth of Puerto Rico)	809-766-5926 FAX: 766-6239	Miquel A. Rolon 268 Ave. Munoz Rivera Suite 1108 San Juan, PR 00918
<b>PACIFIC</b>	(California, Washington, Oregon, and Idaho)	503-326-6352 FAX: 326-6831	Donald O. McIsaac 2130 S.W. 5th Ave. Suite 224 Portland, OR 97201
<b>NORTH PACIFIC</b>	(Alaska, Washington, and Oregon)	907-271-2809 FAX: 271-2817	Chris W. Oliver, Acting 605 W. 4th Ave. Room 306 Anchorage, AK 99501
<b>WESTERN PACIFIC</b>	(Hawaii, American Samoa, Guam, and Commonwealth of the Northern Mariana Islands)	808-522-8220 FAX: 522-8226	Kitty M. Simonds 1164 Bishop St. Suite 1400 Honolulu, HI 96813

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## OPTIMUM YIELD (OY) AND OTHER SPECIFICATIONS, INCLUDING AMOUNTS AVAILABLE FOR JOINT VENTURE PROCESSING: NORTH ATLANTIC, BY SPECIES, 1999 (1)

Item	Loligo squid	Illex squid	Atlantic mackerel	Butterfish	Atlantic herring
	----- Metric tons, round weight -----				
Maximum OY	(2) 26,000	(2) 24,000	(3)	(2) 16,000	(4) 89,220
ABC	21,000	22,800	383,000	7,200	89,220
Initial OY	21,000	22,800	(5) 75,000	5,900	89,220
DAH	21,000	22,800	(6) 75,000	5,900	89,220
DAP	21,000	22,800	50,000	5,900	49,220
JVP	0	0	10,000	0	40,000
TALFF	0	0	0	0	0

(1) OY=Optimum Yield; ABC=Allowable Biological Catch; DAH=Domestic Annual Harvest; DAP=Domestic Annual Processing; JVP=Joint Venture Processing; and TALFF=Total Allowable Level of Foreign Fishing.

(2) Maximum OY based on the Fishery Management Plan for Atlantic mackerel, squid and butterfish.

(3) Not applicable based on the Fishery Management Plan for Atlantic mackerel, squid and butterfish.

(4) Maximum OY based on the Fishery Management Plan for Atlantic Herring.

(5) Initial OY can increase during the year, but the total cannot exceed 383,000 metric tons.

(6) Including 15,000 metric tons of Atlantic mackerel recreational allocation.

Source:--NMFS, Office of Sustainable Fisheries, F/SF; and NMFS, Northeast Region, F/NER.

# General Administrative Information ---

## UNITED STATES DEPARTMENT OF COMMERCE

14th and Constitution Ave., NW  
Washington, DC 20230

<u>MAIL ROUTING CODE</u>		<u>TELEPHONE NUMBER</u>
--	<b>Secretary of Commerce</b> Norman Y. Mineta	202-482-2112
A	<b>Under Secretary for Oceans and Atmosphere</b> D. James Baker	202-482-3436

## NATIONAL MARINE FISHERIES SERVICE

1315 East-West Highway  
Silver Spring Metro Center #3 (SSMC)  
Silver Spring, MD 20910

F	<b>Assistant Administrator for Fisheries --</b> Penelope D. Dalton	301-713-2239
	<b>Deputy Assistant Administrator for Fisheries --</b> William T. Hogarth	301-713-2239
Fx1	<b>Staff Office for Industry and Trade --</b> Linda Chaves	301-713-2379
Fx2	<b>Staff Office for Intergovernmental and Recreational Fisheries --</b> Richard Schaefer	301-427-2401
Fx3	<b>Equal Employment Opportunity --</b> Natalie Huff	301-713-2252
F/SI	<b>Seafood Inspection Program --</b> Samuel W. McKeen	301-713-2351
F/EN	<b>Office of Law Enforcement --</b> Dale Jones	301-427-2300
F/EN1	Enforcement Operations Division	301-427-2300
F/EN11	Enforcement Programs Branch	301-427-2300
F/HC	<b>Office of Habitat Conservation --</b> Gary Mayer, Acting	301-713-2325
F/HCx1	Chesapeake Bay Program Office	410-267-5660
F/HC1	Watershed Division	301-713-2325
F/HC2	Habitat Protection Division	301-713-2325
F/HC3	Habitat Restoration Division	301-713-0174

# General Administrative Information ---

## UNITED STATES DEPARTMENT OF COMMERCE

Silver Spring, Md. 20910

<u>MAIL ROUTING CODE</u>		<u>TELEPHONE NUMBER</u>
<b>F/OMI</b>	<b>Office of Operations, Management &amp; Information --</b> Thomas Gary	301-713-2239
F/OMI1	Administrative & Budget Processes Division	301-713-2245
F/OMI2	Planning and Development Division	301-713-2252
F/OMI3	Information Management Division	301-713-2372
<b>F/PR</b>	<b>Office of Protected Resources --</b> Donald Knowles	301-713-2332
F/PRx1	Marine Biodiversity Team	301-713-2319
F/PR1	Permits and Documentation Division	301-713-2289
F/PR2	Marine Mammal Conservation Division	301-713-2322
F/PR3	Endangered Species Division	301-713-1401
<b>F/SF</b>	<b>Office of Sustainable Fisheries --</b> Clarence G. Pautzke, Acting	301-713-2334
F/SF1	Highly Migratory Species Division	301-713-2347
F/SF2	Financial Services Division	301-713-2390
F/SF3	Domestic Fisheries Division	301-713-2341
F/SF4	International Fisheries Division	301-713-2276
F/SF5	Regulatory Services Division	301-713-2355
F/SF6	National Seafood Laboratory	301-713-2334
<b>F/ST</b>	<b>Office of Science and Technology --</b> William W. Fox, Jr.	301-713-2367
F/ST1	Fisheries Statistics & Economics Division	301-713-2328
F/ST2	Research Analysis and Coordination Division	301-713-2363
F/ST21	Scientific Publications Unit	206-526-6107
F/ST3	International Science Coordination and Analysis Division	301-713-2288
<b>LA11</b>	<b>Office of Congressional Affairs - Fisheries --</b> Peter Hill	301-713-2263
<b>PAF</b>	<b>Office of Public Affairs - Fisheries --</b> Gordon Helm	301-713-2370
<b>GCF</b>	<b>Office of General Counsel - Fisheries --</b> Margaret Hayes	301-713-2231

# General Administrative Information ---

## NATIONAL MARINE FISHERIES SERVICE REGIONAL FACILITIES

<u>MAIL ROUTING CODE</u>	<u>OFFICE</u>	<u>TELEPHONE and FAX NUMBER</u>	<u>LOCATION</u>
F/NER	<b>Northeast Region One Blackburn Drive Gloucester, MA 01930</b>	<b>978-281-9300 Fax-281-9371</b>	<b>Gloucester, MA</b>
F/NEC3	Northeast Fisheries Science Center 166 Water St. - Rm. 312 Woods Hole, MA 02543	508-495-2233 Fax-495-2232	Woods Hole, MA
	Woods Hole Laboratory 166 Water St. Woods Hole, MA 02543	508-495-2000 Fax-495-2258	Woods Hole, MA
	Narragansett Laboratory 28 Tarwell Drive Narragansett, RI 02882	401-782-3200 Fax-782-3201	Narragansett, RI
	Milford Laboratory 212 Rigers Ave. Milford, CT 06460	203-579-7000 FAX-579-7070	Milford, CT
	Sandy Hook Laboratory Building 74, McGruder Highlands, NJ 07732	732-872-3000 FAX-872-3088	Highlands, NJ
F/NEC3	Natl. Systematics Laboratory, MRC153 10th & Constitution Ave., NW Washington, DC 20560	202-357-2550 FAX-357-1896	Washington, DC
F/SER	<b>Southeast Region 9721 Executive Center Drive, N. St. Petersburg, FL 33702</b>	<b>727-570-5301 FAX-570-5300</b>	<b>St. Petersburg, FL</b>
F/SEC	Southeast Fisheries Science Center 75 Virginia Beach Dr. Miami, FL 33149	305-361-4284 FAX-361-4219	Miami, FL
F/SEC4	Miami Laboratory 75 Virginia Beach Dr. Miami, FL 33149	305-361-4225 FAX-361-4499	Miami, FL
F/SEC5	Mississippi Laboratories 3209 Frederick St., P.O. Drawer 1207 Pascagoula, MS 39567	228-762-4591 FAX-769-9200	Pascagoula, MS
F/SEC6	Panama City Laboratory 3500 Delwood Beach Rd. Panama City, FL 32408	850-234-6541 FAX-235-3559	Panama City, FL
F/SEC7	Galveston Laboratory 4700 Avenue U Galveston, TX 77551	409-766-3500 FAX-766-3508	Galveston, TX

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<u>MAIL ROUTING CODE</u>	<u>OFFICE</u>	<u>TELEPHONE and FAX NUMBER</u>	<u>LOCATION</u>
F/SEC9	Beaufort Laboratory 101 Pivers Island Rd Beaufort, NC 28516	252-728-3595 FAX-728-8784	Beaufort, NC
F/NWR	<b>Northwest Region</b> <b>7600 Sand Point Way, N.E.</b> <b>BIN C15700, Bldg. 1</b> <b>Seattle, WA 98115</b>	<b>206-526-6150</b> <b>FAX-526-6426</b>	<b>Seattle, WA</b>
F/NWC	Northwest Fisheries Science Center West Bldg. - Rm. 363 2725 Montlake Boulevard, East Seattle, WA 98112	206-860-3200 FAX-860-3217	Seattle, WA
F/SW	<b>Southwest Region</b> <b>501 West Ocean Blvd., Suite 4200</b> <b>Long Beach, CA 90802</b>	<b>562-980-4000</b> <b>FAX-980-4018</b>	<b>Long Beach, CA</b>
F/SWC	Southwest Fisheries Science Center 8604 La Jolla Shores Dr. P.O. Box 271 La Jolla, CA 92038	858-546-7000 FAX-546-5655	La Jolla, CA
F/SWC2	Honolulu Laboratory 2570 Dole Street, Rm. 106 Honolulu, HI 96822	808-983-5300 FAX-943-1248	Honolulu, HI
	Pacific Islands Area Office 1601 Kapiolani Blvd., Rm. 1110 Honolulu, HI 96814	808-973-2937 FAX-983-2900	Honolulu, HI
F/SWC3	Santa Cruz / Tiburon Laboratory 110 Shaffer Rd. Santa Cruz, CA 95060	415-435-3149 FAX-435-3675	Santa Cruz, CA
F/SWC4	Pacific Fisheries Environmental Group 1352 Lighthouse Ave. Pacific Grove, CA 93950	408-648-8515 FAX-648-8440	Pacific Grove, CA
F/AKR	<b>Alaska Region</b> <b>709 West 9th Street, Room 453</b> <b>P.O. Box 21668</b> <b>Juneau, AK 99802</b>	<b>907-586-7221</b> <b>FAX-586-7249</b>	<b>Juneau, AK</b>
F/AKC	Alaska Fisheries Science Center, 7600 Sand Point Way, N.E. P.O. Box C15700 - Bldg. #4 - Rm. 2149 Seattle, WA 98115	206-526-4000 FAX-526-4004	Seattle, WA
	Kodiak Laboratory 301 Research Court Kodiak, AK 99615	907-481-1700 FAX-481-1701	Kodiak, AK
F/AKC4	Auke Bay Laboratory 11305 Glacier Highway Auke Bay, AK 99801	907-789-6000 FAX-789-6094	Auke Bay, AK



# General Administrative Information

## NATIONAL MARINE FISHERIES SERVICE NATIONAL FISHERY STATISTICS OFFICES

<u>CITY</u>	<u>TELEPHONE NUMBER</u>	<u>NAME AND ADDRESS</u>
<b><u>NEW ENGLAND:</u></b>		
<b>(1) Portland</b>	<b>207-780-3322 FAX:780-3340</b>	<b>Robert C. Morrill / Scott McNamara / Jessica Holton / Stephen Link, Marine Trade Center, Suite 212 Two Portland Fish Pier, Portland, ME 04101</b>
Boston	617-223-8015 FAX:223-8526 617-223-8012 FAX:223-8526	Paul Sheahan, Statistics Office, 408 Atlantic Ave., Rm. 141, Boston, MA 02210 Jack French, Boston Market News, 408 Atlantic Ave., Rm. 141, Boston, MA 02210
<b>(1) Gloucester</b>	<b>978-281-9304 FAX:281-9161</b>	<b>Gregory R. Power, Fishery Inf. Section, One Blackburn Dr., Gloucester, MA 01930</b>
Gloucester	978-281-9363 FAX:281-9372	Don Mason / William Heiskel1, Rm. 107, 1 Blackburn Dr. Gloucester, MA 01930
New Bedford	508-999-2452 FAX:990-2506	Dennis E. Main / Sarah Pike, U.S. Custom House, 37 N. Second St., New Bedford, MA 02740
Chatham	508-945-5961 FAX:945-3793	Lorraine Spenle, 29C Stage Harbor Road Chatham, MA 02633
Woods Hole	508-495-2000 FAX:495-2258	John Mahoney, Northeast Fisheries Science Center, 166 Water St., Woods Hole, MA 02543
Point Judith	401-783-7797 FAX:782-2113	Walter Anoushian, 83 State St., 2nd floor, P.O. Box 547, Narragansett, RI 02882
<b><u>MIDDLE ATLANTIC AND CHESAPEAKE:</u></b>		
New York	212-620-3405 FAX:620-3577	Leo Gaudin / R. Santangelo, New York Market News, 201 Varick St. Rm. 701, New York, NY 10014
East Hampton	631-324-3569 FAX:324-3314	Erik Braun, 62 Newtown Lane, Suite 203, East Hampton, NY 11937
Patchogue	631-475-6988 FAX:289-8361	David McKernan, Social Security Bldg., 50 Maple Ave., P.O.Box 606 Patchogue, L.I., NY 11772
<b>(1) Toms River</b>	<b>732-349-3533 FAX:349-4319</b>	<b>Eugene Steady / Joanne Pellegrino, 26 Main St., P.O. Box 143, Toms River, NJ 08754</b>
Cape May	609-884-2113 FAX:884-4908	Walt Makowski, 1382 Lafayette St., P.O. Box 624, Cape May, NJ 08204
Ocean City	410-213-2761 FAX:213-7029	Ingo Fleming, 12904 Kelly Bridge Lane, P.O. Box 474, Ocean City, MD 21843
Hampton	757-723-3369 FAX:728-3947	David Ulmer / Steve Ellis / George Mattingly, 1926 Settlers Landing Rd., Suite F, P.O. Box 436, Hampton, VA 23669
<b><u>SOUTH ATLANTIC AND GULF:</u></b>		
<b>(1) Beaufort</b>	<b>252-728-8721 FAX:728-8772</b>	<b>Linda Hardy, Beaufort Laboratory, 101 Piver Island Rd., Beaufort, NC 28516</b>
New Smyrna Beach	904-427-6562 FAX: SAME	Claudia Dennis, Coast Guard Station/Ponce, P.O. Box 2025, New Smyrna Beach, FL 32170
Tequesta	561-575-4461 FAX:361-4565	H.Charles Schaefer / Michelle Gamby, 19100 S.E. Fedl. Highway, Tequesta, FL 33469
<b>(1) Miami</b>	<b>305-361-4468 FAX:361-4460</b>	<b>Guy S. Davenport / Pam Brown-Eyo, 75 Virginia Beach Dr., Miami, FL 33149</b>

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## NATIONAL MARINE FISHERIES SERVICE NATIONAL FISHERY STATISTICS OFFICES

<u>CITY</u>	<u>TELEPHONE NUMBER</u>	<u>NAME AND ADDRESS</u>
<b><u>SOUTH ATLANTIC AND GULF:</u></b>		
Key West	305-294-1921 FAX: SAME	Edward J. Little, Jr., Federal Bldg. Rm. 208, 301 Simington St. Key West, FL 33040
Fort Myers	941-334-4364 FAX: SAME	Tom Herbert, 2000 Main St., Suite 409 Fort Myers, FL 33901
St. Petersburg	727-570-5393 FAX:570-5300	Renee Roman / Greg Fairclough, 9721 Executive Center Dr., St. Petersburg, FL 33702
Panama City	850-234-6541 FAX:235-3558	Deborah Fable / June Weeks, 3500 Delwood Beach Rd., Panama City, FL 32407
Mobile	334-441-6193 FAX: SAME	Ted Flowers, U.S.Coast Guard - ATC, P.O. Box 97, Mobile, AL 36608
Pascagoula	228-762-7402 FAX:769-9200	Rene Labadens / Charles Armstrong, 3209 Frederic St., P.O. Box Drawer 1207, Pascagoula, MS 39567
Chalmette	504-277-0365 / 0294 FAX:271-9150 / 0343	Maggie Bourgeois / Jay Boulet, 2626 Charles Dr., Suirte 208, Chalmette, LA 70043
Golden Meadow	504-632-4324 FAX: SAME	Gary J. Rousse, 115 Piciola Pkwy., (Galliano, LA), P.O.Box 623, Golden Meadow, LA 70357
Houma	504-872-3321 FAX: SAME 504-872-1403 FAX: SAME	Kathleen Hebert, 425 Lafayette St., Rm. 128, Houma, LA 70360 Billy Ray Tucker, 1340 W. Tunnel Blvd., Suite 222, Houma, LA 70360
Marrero	504-328-3225 FAX: SAME	Jan Simpson, 5201 Westbank Expressway, Suite 312, Marrero, LA 70072
New Iberia/ Cameron Port	337-365-8689 / 3230 337-365-1558	Linda F. Guidry / Beth B. Bourgeois, 705-A West Admiral Doyle Dr. New Iberia, LA 70560
New Orleans	504-589-6151 504-589-6149	Debbie Batiste, 423 Canal St., Rm. 213, New Orleans, LA 70130
Aransas Pass	361-758-0436 361-758-1043	Roy Spears, 132 Cleveland Blvd., P.O. Box 1815, Aransas Pass, TX 78336
Brownsville/ Port Isabel	956-548-2516 FAX: SAME	Kit Doncaster / Edie Lopez, Shrimp Turning Basin, HC 70 Box 15, Brownville, TX 78521
Freeport	979-233-4551 FAX: SAME	Michelle Padgett, Texas Gulf Bank, Suite 213, P.O.Box 2533, Freeport, TX 77542
<b>(1) Galveston</b>	<b>409-766-3705 / 3515</b> <b>FAX:766-3543</b>	<b>Margot Hightower or W. Keith Roberts, 4700 Avenue U, Bldg. 30</b> <b>Galveston, TX 77551</b>
Port Arthur	409-727-2271 FAX: SAME	Linda S. Trahan, Federal Bldg., Rm. 113, 2875 Jimmy Johnson Blvd Port Arthur, TX 77640

### SOUTHWEST PACIFIC

<b>(1) Long Beach, CA</b>	<b>562-980-4033</b> <b>FAX:980-4047</b>	<b>Patricia J. Donley, 501 West Ocean Boulevard, Rm. 4200,</b> <b>P.O. Box 32469, Long Beach, CA 90832</b>
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### NORTHWEST PACIFIC

<b>(1) Seattle</b>	<b>206-526-6119</b> <b>FAX:526-4461</b>	<b>John K. Bishop, 7600 Sand Point Way, NE, Bldg. 1, BIN C 15700,</b> <b>Seattle, WA 98115</b>
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### ALASKA

<b>(1) Juneau</b>	<b>907-586-7323</b> <b>FAX:586-7465</b>	<b>David Ham, Federal Building, 4th Floor, 709 West 9th St.,</b> <b>P.O. Box 21668, Juneau, AK 99802</b>
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# Publications

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## LIBRARY INFORMATION

The NOAA Library and Information Network Catalog (NOAALINC) represents the automated bibliographic holdings of the NOAA Central Library in Silver Spring, Maryland and 27 other NOAA libraries located around the U.S. Currently, the NOAALINC contains records for more than 240,000 items with 5,000-10,000 added each year.

NOAALINC provides several search methods to locate records of items. Users can search for keywords in titles, subject headings, authors, or series. Users can browse indexes of titles, subject headings, authors, series, or call number. Each bibliographic record shows a brief description of the item with a list of which libraries hold the item. The list of libraries will show the call number, item's specific information, and whether the item is available for circulation.

NOAALINC is available to anyone, without restriction, 24 hours a day, every day of the year. Visitors to

the NOAA Central Library can access the catalog through workstations located throughout the Library. Remote users can access the catalog through a link from the NOAA Central Library's homepage at - <http://www.lib.noaa.gov/>.

NOAA personnel may contact their nearest NOAA Library or the NOAA Central Library and arrange to borrow materials. Members of the general public should contact their local library to arrange for an interlibrary loan. Restrictions apply on circulation of certain materials.

For further information contact the NOAA Central Library, 1315 East-West Highway, 2nd Floor, Silver Spring, MD 20910-3282. Telephone: 301-713-2600 (Ext. 124) or E-mail: [reference@nodc.noaa.gov](mailto:reference@nodc.noaa.gov).

## PUBLICATIONS AVAILABLE FROM U.S. GOVERNMENT PRINTING OFFICE

### STATISTICAL REPORTS

003-020-00173-4 Fisheries of the United States, 1999...\$17.00

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- ( ) FF - Frozen Fishery Products (Annual)
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### OTHER PUBLICATIONS:

All publications listed below may be obtained from NTIS (address and phone number listed on page 115), the originating office (code follows in parentheses - copies are available only as long as supply lasts), or the appropriate homepage

- ( ) A Guide to Tunas of the Western Atlantic Ocean, NMFS, 1997. 18 p. (SF)
- ( ) Our Living Oceans - Report on The Status of U.S. Living Marine Resources, 1998. (F/ST)

( ) Our Living Oceans - Report on The Economic Status of U.S. Fisheries, 1996. (F/ST)

( ) Our Living Oceans - Report on The Status of U.S. Living Marine Resources, 1995 Executive Summary. (F/ST)

( ) Protecting and Restoring Essential Fish Habitat. (F/HC)

( ) Report on Apportionments of Membership on the Regional Fishery Management Council (RFMCs) in 1997. (F/SF)

( ) The Saltonstall-Kennedy Grant Program: Fisheries Development and Utilization Research and Development Grants (F/SF)

( ) The Saltonstall-Kennedy Grant Program: Fisheries Development and Utilization Research and Development Report to Congress on Status of Fisheries of the United States. National Marine Fisheries Service. October 1998. (SFA homepage) Grants - Annotated Bibliography (F/SF)

( ) USDC Approved List of Fish Establishments and Products — Semi-Annual Report. (Documentation Approval and Supply Service, Pascagoula, MS., Phone: 228-762-1892)

**Atlantic Striped Bass Studies: 1999 Biennial Report to Congress.** National Marine Fisheries Service and U.S. Fish and Wildlife Service, 1999. Silver Spring, Maryland. 33 p. (Fx2)

**Protecting Marine Mammals: Look from a Distance...but Don't Touch, Feed or Harm in the Wild.** Prepared by the Texas Sea Grant Program for the Office of Protected Resources, NMFS, 1992. 6 p. (F/PR)

**Recovery Plan for U.S. Pacific Population of the East Pacific Green Turtle (*Chelonia mydas*).** National Marine Fisheries Service and U.S. Fish and Wildlife Service. 1998. Silver Spring, MD. (F/PR)

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**Recovery Plan for U.S. Pacific Population of the Green Turtle (*Chelonia mydas*).** National Marine Fisheries Service and U.S. Fish and Wildlife Service. 1998. Silver Spring, MD. (F/PR)

**Recovery Plan for U.S. Pacific Population of Hawksbill Turtle (*Eretmochelys imbricata*).** National Marine Fisheries Service and U.S. Fish and Wildlife Service. 1998. Silver Spring, MD (F/PR)

**Recovery Plan for U.S. Pacific Leatherback Turtle (*Dermochelys coriacea*).** National Marine Fisheries Service and U.S. Fish and Wildlife Service. 1998. Silver Spring, MD (F/PR)

**Recovery Plan for U.S. Pacific Population of the Loggerhead Turtle (*Chelonia caretta*).** National Marine Fisheries Service and U.S. Fish and Wildlife Service. 1998. Silver Spring, MD. (F/PR)

**Recovery Plan for the Olive Ridley Turtle (*Lepidochelys olivacea*).** National Marine Fisheries Service and the U.S. Fish and Wildlife Service, 1998. Silver Spring, MD (F/PR)

**Report to Congress on Status of Fisheries of the United States.** National Marine Fisheries Service. October 1998. (SFA homepage)

**Recreational Fishery Resources Conservation Plan, Accomplishment Report for FY1998.** National Marine Fisheries Service, 1999. 75 p. Silver Spring, Maryland. (Fx2)

## COMMERCIAL FISHERIES:

**Fisheries of the United States** is a preliminary report with historical comparisons on the Nation's fishing, fish processing, and foreign trade in fishery products. The following reports are available through NTIS.

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1966	COM-75-10662
1967	COM-75-10663
1968	COM-75-10664
1969	COM-75-10665
1970	COM-71-50081
1971	COM-75-10666
1972	COM-73-50644
1973	COM-74-50546
1974	COM-75-10862
1975	PB-253966
1976	PB-268662

Year	Accession No.
1977	PB-282741
1978	PB-297083
1979	PB-80-201593
1980	PB-81-241648
1981	PB-82-215542
1982	PB-83-216473
1983	PB-84-195148
1984	PB-86-144953
1985	PB-87-143145
1986	PB-88-164132
1987	PB-88-215173
1988	PB-89-216485
1989	PB-91-129-320
1990	PB-92-174523/AS
1991	PB-93-204536/AS
1992	PB-94-156387
1993	PB-95-219192

**Fisheries Statistics of the United States** (Statistical Digest) is a final report on the Nation's commercial fisheries showing more detail than Fisheries of the United States.

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1939	COM-75-11265
1940	COM-75-11266
1941	COM-75-11267
1942	COM-75-11268
1943	COM-75-11269
1944	COM-75-11270
1945	COM-75-11271
1946	COM-75-11272
1947	COM-75-11273
1948	COM-75-11274
1949	COM-75-11275
1950	COM-75-11056
1951	COM-75-11053
1952	COM-75-11054
1953	COM-75-11055
1954	COM-75-11057
1955	COM-75-11058
1956	COM-75-11059
1957	COM-75-11060
1958	COM-75-11061
1959	COM-75-11062
1960	COM-75-11063
1961	COM-75-11064
1962	COM-75-11065
1963	COM-75-11066
1964	COM-75-11067

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1965	COM-75-11068
1966	PB-246429
1967	PB-246430
1968	COM-72-50249
1969	COM-75-10887
1970	COM-75-10643
1971	COM-74-51227
1972	COM-75-11430
1973	PB-262058
1974	PB-277796
1975	PB-300625
1976	PB-81-163438
1977	PB-84-192038

### HISTORICAL REPORTS:

**Historical Catch Statistics** is a series of publications reporting catch of certain species in the United States for historical purposes. The following reports are available through NTIS:

#### **Atlantic and Gulf Coast States, 1879 - 1989.**

Current Fisheries Statistics No. 9010 - Historical Series Nos. 5-9 Revised. Report covers total landings for major species, by state and by region. (NTIS No. PB-93-174266)

#### **Atlantic and Gulf Coast States, 1950 - 1991.**

Current Fisheries Statistics No. 9210 - Historical Series No. 10- Revised. Report covers landings and value of major species, by Region. (NTIS No. PB-93-174274)

### IMPORTS AND EXPORTS OF FISHERY PRODUCTS

#### Annual Summary:

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1982	PB-92-218635
1983	PB-92-218643
1984	PB-92-214972
1985	PB-92-222280
1986	PB-92-228196
1987	PB-92-228055
1988	PB-92-222272
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1991	PB-92-221803
1992	PB-95-219499
1993	PB-95-219481
1994	PB-95-219507

### MARINE RECREATIONAL FISHING:

**Determination of the Number of Commercial and Non-Commercial Recreational Boats in the United States, Their Use, and Selected Characteristics,** COM-74-11186.

**Biennial Report to the President of the United States - Federal Agency Implementation of Executive Order 12962 - Recreational Fisheries.** National Recreational Fisheries Coordination Council. 12p. 1998 (Fx2)

**The NMFS-Specific Plan to Meet the Goals and Objectives of the Recreational Fishery Resources Conservation Plan.** National Marine Fisheries Service. 8p. 1997. (Fx2)

**Recreational Fishery Resources Conservation Plan.** National Marine Fisheries Service. 16p. 1996. (Fx2)

### MARINE RECREATIONAL FISHERY STATISTICS SURVEY:

#### Atlantic and Gulf Coasts:

Year	Accession No.
1979-80	PB-84-199652
1979 (Revised)-1980	PB-89-102552
1981-1982	PB-89-102560
1983-1984	PB-89-102628
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1987-1989	PB-92-174820
1990-1991	(F/ST1)

#### Pacific Coast:

Year	Accession No.
1981-1982	PB-89-102925/AS
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### Annual Summary:

Year	Accession No.
1979	PB-89-215248/AS
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1984	PB-89-215297/AS
1985	PB-89-215305/AS
1986	PB-89-215313/AS
1987	PB-92-172956
1988	PB-92-204528/AS

### STATE LANDINGS:

Maine: 1946-76, PB-271-296; 1977-79, PB-128258.  
Massachusetts: 1943-76, PB-275866; 1977-79, PB-81-143182.  
Rhode Island: 1954-77; PB-287627; 1978-79, PB-81-157158.  
New York: 1954-76, PB-275449; 1977-79, PB-81-134546.  
New Jersey: 1952-76, PB-275696; 1977-79, PB-81-159048  
Maryland: 1960-76, PB-300636; 1977-79, PB-81-159003.  
Virginia: 1960-76, PB-300637; 1977-79, PB-82-151960.  
North Carolina: 1955-76, PB-288928; 1977-79, PB-82-151978.  
South Carolina: 1957-76, PB-289405; 1977-79, PB-81-163198.  
Georgia: 1956-76, PB-289814; 1977-79, PB-81-157166.  
Florida: 1950-76, PB-292068.  
Alabama: 1950-77, PB-80-121262; 1978, PB-82-168071.  
Mississippi: 1951-77, PB-80-121270; 1978, PB-82-169079.  
Louisiana: 1957-77, PB-300583; 1978, PB82-168063.  
Texas: 1949-77, PB-300603; 1978-79, PB-82-169004.  
Shrimp Landings: 1956-76, PB-80-124696; 1978-79, PB-82-156183.

Gulf Coast Shrimp Data: 1958-76, PB-80-126899; 1978-79, PB-82-170390.

## INTERNATIONAL REPORTS:

The Division of International Science and Technology, NMFS, prepares assessments of major fisheries to support priority NMFS programs. These reports may be of interest to the wider fishery community as they include biological, commercial, and technical information of potential use to academicians, industry, and environmentalists.

### Swordfish:

In 1997 work was completed on a six-volume study, culminating a two-year research project to compile and analyze information on every key swordfish catching nation in the world. World Swordfish Fisheries, is the most comprehensive documentation of this fishery ever produced. Each volume of the study contains information on catch, fishing grounds, fishing fleets, gear and methods, markets, trade, bycatch, research, international relations, and other facets of the fishery. The books are carefully documented and have extensive statistical appendices, graphics, and photographic images to help explain the fishery and illustrate key trends. Work on the swordfish fisheries of the Atlantic States of Latin America is ongoing with major reports scheduled for release in 2000.

**World Swordfish Fisheries: An Analysis of Swordfish Fisheries, Market Trends, and Trade Patterns, Past-Present-Future.** Complete six-volume set. (NTIS No. PB-98-123414 / GBA).

**Volume I: Executive Overview. Summary of World Fisheries for Swordfish and Overview of Global and Regional Trends.** 53 p. (NTIS No. PB-98-123425 / GBA).

**Volume II: Africa and the Middle East. Examination of Fisheries and Overview of Regional Trends in Africa and in Select Middle Eastern countries.** 235 p. (NTIS No. B-98-123433 / GBA).

**Volume III: Asia.** Summary of Asian Fisheries and Overview of Regional Trends. Special Coverage of Japan, Korea, and Taiwan. 144 p. (NTIS No. PB-98-123441 / GBA).

**Volume IV: Latin America.** Summary of Swordfish Fisheries, along the Pacific Coast of South America. Both volumes 843 p. Further individual country reports are planned for 1998.

**Part A., Section 1, Segment A.** Covers Fisheries of Colombia, Ecuador, and Peru (428 p.) (NTIS No. PB-98-123458 / GBA).

**Segment B.** Provides in-depth Information about Chile (415 p.) (NTIS No. PB-98-123466 / GBA).

**Volume V:** North America. Overview of Canadian and U.S. Fisheries for Swordfish. 136 p. (NTIS No. PB-98-123474 / GBA).

**Volume VI:** Western Europe. Examination of European fisheries with special emphasis on the European Union member states (especially Spain, Italy, Greece and France). Non-EU countries are also considered. 324 p. (NTIS No. PB-98-123482 / GBA).

## **World Fleet:**

The Office of International Affairs, NMFS, prepared a six-volume study which analyzed trends in the world's distant-water fishing fleets. The subjects covered included catch, fishing areas, vessel construction and imports, flag-of-convenience registration, international agreements, and joint ventures.

**World Fishing Fleets: An Analysis of Distant-water Fleet Operations.** Complete six-volume set. (NTIS No. PB-94-140811/ GBA).

**Volume I: Executive Summary.** Overview of world distant-water fishing fleets and summary of regional trends. 54 p. (NTIS No. PB-94-140829 / GBA).

**Volume IV: Latin America.** Overview of Caribbean, Central America, South America, and individual reports on the Latin American fleets engaged in distant-water fisheries. 513 p. (NTIS No. PB-94-140852 / GBA).

**Volume V: Baltic States, Commonwealth of Independent States, and Eastern Europe.** Overview of each of these three blocs and 10 individual country studies including Russia, Poland, and Ukraine. 286 p. (NTIS No. PB-94-140860 / GBA).

**Volume VI: Western Europe and Canada.** Overview sections for Europe Community and non-EC countries and individual country studies for all West European fishing nations and Canada. 362 p. (NTIS No. PB-94-140878 / GBA).

## **World Shrimp and Salmon Culture Study:**

A detailed overview of the salmon and shrimp culture industries in each of the primary producing countries of the world. The reports include information on species, areas developed, companies and farms, hatcheries, culture methods, research, harvests, exports, investments, environmental factors, trade, feed, and other subjects. The study was completed in 1992.

**World Salmon Culture.** This book provides detailed information about farmed salmon aquaculture around the world. A historical background is provided for all key farmed salmon producing nations. The work is carefully illustrated with graphs and statistical tables. An excellent resource for individuals seeking background information on salmon culture. 323 p. (NTIS No. PB-93-134617 / GBA).

**World Shrimp Culture.** Complete work is available in two volumes (Volume II. has 3 parts). Readers may also purchase individual parts separately. 1,152 p. (NTIS No. PB-93-134625 / GBA).

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## **Volume II. Latin America**

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**Part III:** This book includes a brief regional summary of shrimp culture in South America and individual reports on the shrimp culture industry of each South American country. 329 p. ( NTIS No. PB93-134666 / GBA).



## **NORTHEAST REGION:**

**Northwest Atlantic Groundfish: Perspectives on a Fishery Collapse.** Boreman, J., B.S. Nakashima, J.A. Wilson, and R.L. Kendall, eds. 1997. American Fisheries Society, Bethesda, MD. 242p. (F/NEC).

**Status of Fishery Resources off the Northeastern United States for 1998.** S.H. Clark, ed. 1998. (NOAA-TM- NMFS-NE-115). 149 p. (F/NEC).

**The History, Present Condition, and Future of the Molluscan Fisheries of North and Central America and Europe, 3 vols.** MacKenzie, C.L., Jr., V.G. Burrell, Jr., and W.L. Hobart, eds. 1997. (NOAA-Tech. Rep-NMFS-NE-128) (F/NEC).

**U.S. Atlantic Marine Mammal Stock Assessments — 1998.** Waring, G.T., D.L. Palka, P.J. Clapham, S. Swartz, M.C. Rossman, T.V.N. Cole, K.D. Bisack, and L.J. Hansen, 1999. (NOAA-TM-NMFS-NE-116) 182p. (F/NEC).

## **SOUTHEAST REGION:**

**Habitat Protection Accomplishments of the National Marine Fisheries Service - Fiscal Year 1996.** Habitat Conservation Division, Southeast Regional Office. 1996. 88 p.+Appen. (F/SER).

## **SOUTHWEST REGION:**

**Demonstration and Evaluation of the Streak Tube Imaging LIDAR For Use in Bycatch Reduction.** Griffis, Andrew J. (Administrative Report SWR-99-02) 104 p. (F/SWR).

**Hawaiian Monk Seal Epidemiology Plan: Health Assessment and Disease Status Studies.** Aguirre, A. A., J. S. Reif, and G. A. Antonelis. 1999. (NOAA-TM-NMFS-SWFSC-280). 69 p. (F/SWC).

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**Recent Developments in Population Viability Analyses, with Specific Reference to Pacific Salmon.** Spencer, P. 1999. (NOAA-TM-NMFS-SWFSC-261). 30 p. (NTIS No. PB99-155426INZ).

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**Status Review of Coastal Cutthroat Trout from Washington, Oregon, and California.** Johnson, O.W., M.H. Ruckelshaus, W.S. Grant, F.W. Waknitz, A.M. Garrett, G.J. Bryant, K. Neely, and J.J. Hard. 1999. (NOAA-TM-NMFS-NWFSC-37) 292 p. (NTIS PB99-140469)

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**Acoustic and Visual Detection of Large Whales in the Eastern North Pacific Ocean.** Moore, S. E., M. E. Dahlheim, K. M. Stafford, C. G. Fox, H. W. Braham, M.A. McDonald, and J. Thomason. 1999. (NOAA-TM-AFSC-107). 27 p. (NTIS No. PB2000-101119).

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**of Alaska Regions Based on Groundfish Fishery Observer Data.** Fritz, L. W., A. Grieg, and R. F. Reuter. 1998. (NOAA-TM-AFSC-88). 179 p. (NTIS No. PB98-139298).

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**Intergovernmental and Recreational Fisheries** - <http://www.nmfs.noaa.gov/irf/irf.html> — Provides information on the Atlantic Coastal Fisheries Cooperative Management Act, the Atlantic Striped Bass Conservation Act, the Interjurisdictional Fisheries Act, the Anadromous Fisheries Conservation Act, and Executive Order 12962 - on Recreational fisheries.

**Protected Resources** - [http://nmfs.noaa.gov/prot\\_res/prot\\_res.html](http://nmfs.noaa.gov/prot_res/prot_res.html) — Contains recovery efforts for species considered endangered or threatened; depleted species of marine mammals; and a comprehensive list of other Internet resources pertaining to protection programs and other issues. Information on Endangered Species Act and Marine Mammal Protection Act.

**Saltonstall-Kennedy Grant Program** - <http://www.nmfs.noaa.gov/sfweb/skhome.html> — Description of the Saltonstall-Kennedy (S-K) Program, the most recent solicitation for proposals, application forms and instructions, FAQs, and Regional contacts for the S-K Program, as well as the latest update to the S-K Annotated Bibliography of completed projects.

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## NATIONAL MARINE FISHERIES SERVICE HOME PAGES

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**Southeast Region** - <http://caldera.sero.nmfs.gov/> — Provides information on regional Federal activities including: fisheries regulations, news releases and fisheries bulletins, fisheries regulations, vessel and dealer permits, fishery management plan implementation/quotas, marine mammals and endangered species management and protection, habitat protection and restoration activities, and federal aid programs for grants and cooperative agreements.

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**Alaska Fisheries Science Center** - <http://www.afsc.noaa.gov/> — Describes the mission of the Center and the organization and purpose of its laboratories, divisions, and programs dedicated to Federal fisheries and marine mammal research in the coastal oceans off Alaska and the West Coast of the United States. Provides stock assessments, databases, AFSC Quarterly Report, cruise reports and schedules, other online documents, publication lists, image gallery of marine mammals, fishes, and crabs, and educational materials.

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**Northwest Fisheries Science Center** - <http://research.nwfsc.noaa.gov/nwfsc-homepage.html> — Describes Center research, including status and recovery of endangered salmon and new hatchery-rearing techniques; rapid-response analyzes of chemical pollution and harmful algae blooms in fishery grounds nationwide; assessing the west coast groundfish fishery; and developing new bycatch utilization technologies. News topics, current publications, library resources, and the Center's state-of-the-art water-recycling fish culture facility are also featured.

**Southwest Region** - <http://swr.ucsd.edu> — Describes the mission and responsibilities of the regional office. Announcements of Federal Register notices on seasons, trip limits, and quotas. Provides information on fisheries statistics, trade data, canned tuna updates and status of tuna import quotas, and catch reports for various California fisheries. Japanese market reports are available on sablefish, shrimp, landings and wholesale prices, etc., and links to other pertinent sites of interest to fishery and seafood industries.

**Southwest Fisheries Science Center** - <http://swfsc.ucsd.edu> — Describes the Center's programs, mission, laboratories, geographic scope, organization, research vessels, and upper-level scientific and management staff. Includes publications, news releases, billfish newsletter, and information on the types of research being conducted on Pacific and Antarctic fishes, marine mammals, sea turtles, habitats, and marine ecosystems.

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# Glossary

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**ANADROMOUS SPECIES.** These are species of fish that mature in the ocean, and then ascend streams to spawn in freshwater. In the Magnuson Act, these species include, but are not limited to, Atlantic and Pacific salmons, steelhead trout, and striped bass. See 42 FR 60682, Nov. 28, 1977.

**ANALOG PRODUCTS.** These include imitation and simulated crab, lobster, shrimp, scallops, and other fish and shellfish products fabricated from processed fish meat (such as surimi).

**AQUACULTURE.** The farming of aquatic organisms in marine, brackish or fresh water. Farming implies private or corporate ownership of the organism and enhancement of production by stocking, feeding, providing protection from predators, or other management measures. Aquaculture production is reported as the weight and value of cultured organisms at their point of final sale.

**BATTER-COATED FISH PRODUCTS.** Sticks and portions or other forms of fish or shellfish coated with a batter containing a leavening agent and mixture of cereal products, flavoring, and other ingredients, and partially cooked in hot oil a short time to expand and set the batter.

**BOAT, OTHER.** Commercial fishing craft not powered by a motor, e.g., rowboat or sailboat, having a capacity of less than 5 net tons. See motorboat.

**BREADED FISH PRODUCTS.** Sticks and portions or other forms of fish or shellfish coated with a non-leavened mixture containing cereal products, flavorings, and other ingredients. Breaded products are sold raw or partially cooked.

**BREADED SHRIMP.** Peeled shrimp coated with breading. The product may be identified as fantail (butterfly) and round, with or without tail fins and last shell segment; also known as portions, sticks, steaks, etc., when prepared from a composite unit of two or more shrimp pieces whole shrimp or a combination of both without fins or shells.

**BUTTERFLY FILLET.** Two skin-on fillets of a fish joined together by the belly skin. See fillets.

**CANNED FISHERY PRODUCTS.** Fish, shellfish, or other aquatic animals packed in cans, or other containers, which are hermetically sealed and heat-sterilized. Canned fishery products may include milk, vegetables, or other products. Most, but not all,

canned fishery products can be stored at room temperature for an indefinite time without spoiling.

**COMMERCIAL FISHERMAN.** An individual who derives income from catching and selling living resources taken from inland or marine waters.

**CONSUMPTION OF EDIBLE FISHERY PRODUCTS.** Estimated amount of commercially landed fish, shellfish, and other aquatic animals consumed by the civilian population of the United States. Estimates are on an edible-weight basis and have been adjusted for beginning and ending inventories of edible fishery products. Consumption includes U.S. production of fishery products from both domestically caught and imported fish, shellfish, other edible aquatic plants, animals, and imported products and excludes exports and purchases by the U.S. Armed Forces.

**CONTINENTAL SHELF FISHERY RESOURCES.** These are living organisms of any sedentary species that at the harvestable stage are either (a) immobile on or under the seabed, (b) unable to move except in constant physical contact with the seabed or subsoil of the continental shelf. The Magnuson Act now lists them as certain abalones, surf clam and ocean quahog, queen conch, Atlantic deep-sea red crab, dungeness crab, stone crab, king crabs, snow (tanner) crabs, American lobster, certain corals, and sponges.

**CURED FISHERY PRODUCTS.** Products preserved by drying, pickling, salting, or smoking; not including canned, frozen, irradiated, or pasteurized products. Dried products are cured by sun or air-drying; pickled or salted products are those products preserved by applying salt, or by pickling (immersing in brine or in a vinegar or other preservative solution); smoked products are cured with smoke or a combination of smoking and drying or salting.

**DEFLATED VALUE.** The deflated values referred to in this document are calculated with the Gross Domestic Products Implicit Price Deflator. The base year for this index is 1987.

**EDIBLE WEIGHT.** The weight of a seafood item exclusive of bones, offal, etc.

**EEZ.** See U.S. Exclusive Economic Zone.

**EL NINO.** This anomalous ocean warming of the eastern Equatorial Pacific occurs at time intervals



# Glossary

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varying from 2-10 years. El Nino conditions result in an accumulation of warm water off South America which reduced the upwelling of nutrient-rich water necessary to support fisheries production. These conditions extended northward to the U.S. Pacific Coast. In addition to affecting the food available for fish, El Nino appears to alter the normal ranges, distributions, and migrations of fish populations.

**EUROPEAN UNION.** Austria, Belgium and Luxembourg, Denmark, Federal Republic of Germany, Finland, Greece, France, Ireland, Italy, Netherlands, Portugal, Spain, Sweden, and United Kingdom.

**EXPORT VALUE.** The value reported is generally equivalent to f.a.s. (free alongside ship) value at the U.S. port of export, based on the transaction price, including inland freight, insurance, and other charges incurred in placing the merchandise alongside the carrier at the U.S. port of exportation. The value excludes the cost of loading, freight, insurance, and other charges or transportation cost beyond the port of exportation.

**EXPORT WEIGHT.** The weight of individual products as exported, i.e., fillets, steaks, whole, breaded, etc. Includes both domestic and foreign re-exports data.

**EXVESSEL PRICE.** Price received by the harvester for fish, shellfish, and other aquatic plants and animals.

**FISH BLOCKS.** Regular fish blocks are frozen blocks or slabs of fillets or pieces of fillets cut or sliced from fish. Minced fish blocks are frozen blocks or slabs of minced flesh produced by a meat and bone separating machine.

**FISH FILLETS.** The sides of fish that are either skinned or have the skin on, cut lengthwise from the backbone. Most types of fillets are boneless or virtually boneless; some may be labeled as “boneless fillets.”

**FISH MEAL.** A high-protein animal feed supplement made by cooking, pressing, drying, and grinding fish or shellfish.

**FISH OIL.** An oil extracted from body (body oil) or liver (liver oil) of fish and marine mammals; mostly a byproduct of fish meal production.

**FISH PORTION.** A piece of fish flesh that is generally of uniform size with thickness of 3/8 of an inch or more and differs from a fish stick in being

wider or of a different shape. A fish portion is generally cut from a fish block.

**FISH SOLUBLES.** A water-soluble protein byproduct of fish meal production. Fish solubles are generally condensed to 50 percent solids and marketed as “condensed fish solubles.”

**FISH STEAK.** A cross-section slice cut from a large dressed fish. A steak is usually about 3/4 of an inch thick.

**FISH STICK.** An elongated piece of breaded fish flesh weighing not less than 3/4 of an ounce and not more than 1-1/2 ounces with the largest dimension at least three times that of the next largest dimension. A fish stick is generally cut from a fish block.

**FISHERY MANAGEMENT PLAN (FMP).** A plan developed by a Regional Fishery Management Council, or the Secretary of Commerce under certain circumstances, to manage a fishery resource in the U.S. EEZ pursuant to the MFCMA (Magnuson Act).

**FISHING CRAFT, COMMERCIAL.** Boats and vessels engaged in capturing fish, shellfish, and other aquatic plants and animals for sale.

**FULL-TIME COMMERCIAL FISHERMAN.** An individual who receives more than 50 percent of their annual income from commercial fishing activities, including port activity, such as vessel repair and re-rigging.

**GROUND FISH.** Broadly, fish that are caught on or near the sea floor. The term includes a wide variety of bottom fishes, rockfishes, and flatfishes. However, NMFS sometimes uses the term in a narrower sense. In “Fisheries of the United States,” the term applies to the following species--Atlantic and Pacific: cod, hake, ocean perch, and pollock; cusk; and haddock.

**IMPORT VALUE.** Value of imports as appraised by the U.S. Customs Service according to the Tariff Act of 1930, as amended. It may be based on foreign market value, constructed value, American selling price, etc. It generally represents a value in a foreign country, and therefore excludes U.S. import duties, freight, insurance, and other charges incurred in bringing the merchandise to the United States.

**IMPORT WEIGHT.** The weights of individual products as received, i.e., fillets, steaks, whole, headed, etc.

**INDUSTRIAL FISHERY PRODUCTS.** Items processed from fish, shellfish, or other aquatic plants and animals that are not consumed directly by humans. These items contain products from seaweeds, fish meal, fish oils, fish solubles, pearl essence, shark and other aquatic animal skins, and shells.

**INTERNAL WATER PROCESSING (IWPs).** An operation in which a foreign vessel is authorized by the governor of a state to receive and process fish in the internal waters of a state. The Magnuson Act refers to internal waters as all waters within the boundaries of a state except those seaward of the baseline from which the territorial sea is measured.

**JOINT VENTURE.** An operation authorized under the MFCMA (Magnuson Act) in which a foreign vessel is authorized to receive fish from U.S. fishermen in the U.S. EEZ. The fish received from the U.S. vessel are part of the U.S. harvest.

**LANDINGS, COMMERCIAL.** Quantities of fish, shellfish, and other aquatic plants and animals brought ashore and sold. Landings of fish may be in terms of round (live) weight or dressed weight. Landings of crustaceans are generally on a live-weight basis except for shrimp which may be on a heads-on or heads-off basis. Mollusks are generally landed with the shell on, but for some species only the meats are landed, such as sea scallops. Data for all mollusks are published on a meat-weight basis.

**MAGNUSON-STEVENSON FISHERY CONSERVATION AND MANAGEMENT ACT,** Public Law 94-265, as amended. The Magnuson-Stevens Act provides a national program for the conservation and management of fisheries to allow for an optimum yield (OY) on a continuing basis and to realize the full potential of the Nation's fishery resources. It established the U.S. Exclusive Economics Zone (EEZ) (formerly the FCZ - Fishery Conservation Zone) and a means to control foreign and certain domestic fisheries through PMPs and FMPs. Within the U.S. EEZ, the United States has exclusive management authority over fish (meaning finfish, mollusks, crustaceans, and all other forms of marine animal and plant life other than marine mammals, birds, and highly migratory species of tuna). The Magnuson Act provides further exclusive management authority beyond the U.S. EEZ for all continental shelf fishery resources and all anadromous species throughout the migratory range of each such species, except during

the time they are found within any foreign nation's territorial sea or fishery conservation zone (or the equivalent), to the extent that such a sea or zone is recognized by the United States.

**MARINE RECREATIONAL FISHING.** Fishing for pleasure, amusement, relaxation, or home consumption.

**MARINE RECREATIONAL CATCH.** Quantities of finfish, shellfish, and other living aquatic organisms caught, but not necessarily brought ashore, by marine recreational fisherman.

**MARINE RECREATIONAL FISHERMEN.** Those people who fish in marine waters primarily for recreational purposes. Their catch is primarily for home consumption, although occasionally a part or all of their catch may be sold and enter commercial channels. This definition is used in the NMFS Marine Recreational Fishery Statistics Survey, and is not intended to represent a NMFS policy on the sale of angler-caught fish.

**MAXIMUM SUSTAINABLE YIELD (MSY).** MSY from a fishery is the largest annual catch or yield in terms of weight of fish caught by both commercial and recreational fishermen that can be taken continuously from a stock under existing environmental conditions. A determination of MSY, which should be an estimate based upon the best scientific information available, is a biological measure necessary in the development of optimum yield.

**METRIC TONS.** A measure of weight equal to 1,000 kilograms, 0.984 long tons, 1.1023 short tons, or 2,204.6 pounds.

**MOTORBOAT.** A motor-driven commercial fishing craft having a capacity of less than 5 net tons, or not officially documented by the Coast Guard. See "boat, other".

**NORTHWEST ATLANTIC FISHERIES ORGANIZATION (NAFO).** This convention, entered into force January 1, 1979, replaces ICNAF. NAFO provides a forum for continued multilateral scientific research and investigation of fishery resources that occur beyond the limits of coastal nations' fishery jurisdiction in the northwest Atlantic, and will ensure consistency between NAFO management measures in this area and those adopted by the coastal nations within the limits of their fishery jurisdiction.

**OPTIMUM YIELD (OY).** In the MFCMA (Magnuson Act), OY with respect to the yield from a fishery, is the amount of fish that (1) will provide the greatest overall benefit to the United States, with particular reference to food production and recreational opportunities; and (2) is prescribed as such on the basis of maximum sustainable yield from such fishery, as modified by any relevant ecological, economic, or social factors.

**PART-TIME COMMERCIAL FISHERMAN.** An individual who receives less than 50 percent of their annual income from commercial fishing activities.

**PER CAPITA CONSUMPTION.** Consumption of edible fishery products in the United States divided by the total civilian population. In calculating annual per capita consumption, estimates of the civilian resident population of the United States on July 1 of each year are used. These estimates are taken from current population reports, series P-25, published by the U.S. Bureau of the Census.

**PER CAPITA USE.** The use of all fishery products, both edible and nonedible, in the United States divided by the total population of the United States.

**PRELIMINARY FISHERY MANAGEMENT PLAN (PMP).** The Secretary of Commerce prepares a PMP whenever a foreign nation with which the United States has made a Governing International Fishery Agreement (GIFA) submits an application to fish in a fishery not managed by an FMP. A PMP is replaced by an FMP as soon as the latter is implemented. A PMP applies only to foreign fishing.

**RE-EXPORTS.** Re-exports are commodities which have entered the U.S. as imports and are subsequently exported in substantially the same condition as when originally imported.

**RETAIL PRICE.** The price of fish and shellfish sold to the final consumer by food stores and other retail outlets.

**ROUND (LIVE) WEIGHT.** The weight of fish, shellfish, or other aquatic plants and animals as taken from the water; the complete or full weight as caught. The tables on world catch found in this publication include, in the case of mollusks, the weight of both the shells and the meats, whereas the tables on U.S. landings include only the weight of the meats.

**SURIMI.** Minced fish meat (usually Alaska pollock) which has been washed to remove fat and undesirable matters (such as blood, pigments, and odorous substances), and mixed with cryoprotectants, such as sugar and/or sorbitol, for a good frozen shelf life.

**TOTAL ALLOWABLE LEVEL OF FOREIGN FISHING (TALFF).** The TALFF, if any, with respect to any fishery subject to the exclusive fishery management authority of the United States, is that portion of the optimum yield of such fishery which will not be harvested by vessels of the United States, as determined by provisions of the MFCMA.

**U.S. EXCLUSIVE ECONOMIC ZONE (EEZ).** The MSFCMA (Magnuson-Stevens Act) defines this zone as contiguous to the territorial sea of the United States and extending seaward 200 nautical miles measured from the baseline from which the territorial sea is measured. This was formerly referred to as the FCZ (Fishery Conservation Zone).

**U.S.-FLAG VESSEL LANDINGS.** Includes landings by all U.S. fishing vessels regardless of where landed as opposed to landings at ports in the 50 United States. These include landings at foreign ports, U.S. territories, and foreign vessels in the U.S. FCZ under joint venture agreements. U.S. law prohibits vessels constructed or registered in foreign countries to land fish catches at U.S. ports.

**U.S. TERRITORIAL SEA.** A zone extending 3 nautical miles from shore for all states except Texas and the Gulf Coast of Florida where the seaward boundary is 3 marine leagues (9 nautical miles)

**USE OF FISHERY PRODUCTS.** Estimated disappearance of the total supply of fishery products, both edible and nonedible, on a round-weight basis without considering beginning or ending stocks, exports, military purchases, or shipments to U.S. territories.

**VESSEL.** A commercial fishing craft having a capacity of 5 net tons or more. These craft are either enrolled or documented by the U.S. Coast Guard and have an official number assigned by that agency.

**WHOLESALE FISH AND SHELLFISH PRICES.** Those prices received at principal fishery markets by primary wholesalers (processors, importers, and brokers) for customary quantities, free on board (f.o.b.) warehouse.

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# Federal Inspection Marks for Fishery Products

**NATIONAL FISHERY PRODUCTS INSPECTION PROGRAM.** The U.S. Department of Commerce (USDC), National Marine Fisheries Service, a part of the National Oceanic and Atmospheric Administration, conducts a voluntary seafood inspection program on a fee-for-service basis. A HACCP-based service is also available. Services provided by the program include vessel and plant sanitation, product inspection and grading, label reviews, product specification reviews, laboratory analyses, training, education and information. Inspection and certification services are available nationwide and in U.S. territories for all interested parties. Consultative services are provided in foreign countries. Inspection and certification services are also provided for imported and exported products. The USDC Seafood Inspection Division also provides HACCP training, plan development, implementation assistance, and verification service to industry (domestic and foreign) for the purpose of demonstrating compliance with FDA's HACCP rule (21 CFR Parts 123 and 1240) regarding "Procedures for the Safe and Sanitary Processing and Importing of Fish and Fishery Products" which was implemented December 18, 1997.

**USERS OF INSPECTION SERVICES.** The users of the voluntary seafood inspection service include vessel owners, processors, distributors, brokers, retailers, food service operators, exporters, importers, and those who have a financial interest in buying and selling seafood products. The U.S. Department of Agriculture recommends that USDC inspected products be purchased for its food feeding programs. The **USDC APPROVED LIST OF FISH ESTABLISHMENTS AND PRODUCTS**, published bi-annually, provides a listing of products and participants who contract with USDC.

**USDC INSPECTION MARKS.** These marks designate the level and the type of inspection performed by the federal inspector. The marks can be used in advertising and labeling under the guidelines provided by the Seafood Inspection Division and in accordance with federal and state regulations regarding advertising and labeling. Products bearing the USDC official marks have been certified as being safe, wholesome, and properly labeled.

**"US GRADE A" MARK.** The U.S. GRADE A mark signifies that a product has been processed under federal inspection in an approved facility and meets the established level of quality of an existing U.S. grade standard. The U.S. Grade A mark indicates that the product is of high quality, uniform in size, practically free from blemishes and defects, in excellent condition and possessing good flavor and odor.

**"PROCESSED UNDER FEDERAL INSPECTION" MARK.** The PUF mark or statement signifies that the product has been inspected in an approved facility and was found to be safe, wholesome and properly labeled according to approved specifications or criteria. The language within the PUF mark has been amended to "Processed Under Federal Inspection" to reflect actual inspection procedures and the regulatory requirements for use of the mark.

**"LOT INSPECTED" MARK.** A new USDC Lot Inspected mark was created to replace the "Officially Sampled" and "Accepted Per Specifications" lot inspection marks used on retail labels. The latter marks were no longer allowed/accepted after September 30, 1997. The use of the new mark meets the needs of both industry and consumers by conveying that the products bearing the mark have been examined by the USDC Program.

**"RETAIL" MARK.** In response to requests made by industry, a new mark has been created for retail or food service establishments. Participants qualify for use of the "Retail Mark" by receiving the USDC HACCP-based service or being under contract for sanitation services and associated product evaluation. Usage of such a mark will give the retail industry the opportunity to advertise on their banners, logos, or menus that their facility has been recognized by USDC for proper sanitation and handling of fishery products.



**USDC HACCP MARK.** The USDC HACCP-based service is available to all interested parties on a fee-for-service basis. Label approval, record keeping and analytical testing are program requirements. An industry USDC-certified employee trained in HACCP principles is also required for each facility/site in the program. Compliance ratings determine frequency of official visits. Benefits to participants include increased controls through a more scientific approach, use of established marks, increased efficiency of federal inspection personnel, and enhanced consumer confidence. The USDC has made available a HACCP mark and a "banner" to distinguish products that have been produced under the HACCP-based program. The HACCP banner must be used as an attachment to existing inspection grade marks. Establishments meeting HACCP program requirements may use these marks in conjunction with promotional material, packaging, point-of-sale notices, and menus.

## FOR FURTHER INFORMATION:

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Seafood Inspection Division - F/SF6

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