

**APPENDIX 2.      ACRONYMS USED IN THE TEXT AND APPENDICES**

***V*** - The relative stock size at which the overfishing level falls to zero, set at a default value of 0.05 with the understanding that the SSC may establish a different value for a specific stock or stock complex as merited by the best available scientific information.

***ABC*** - Allowable Biological Catch - A term that refers to the range of allowable catch for a species or species group. It is set each year by a scientific group. The ABC estimates are used to set the annual total allowable catch (TAC). This term is also referred to as Acceptable Biological Catch.

***ACL*** – Annual Catch Limit – A term that refers to the amount of fish allowed to be caught in a year.

***AM*** – Accountability Measures – A term that refers to measures designed to prevent annual catch limits from being exceeded, and to address such a situation quickly if it does occur.

***ASMFC*** - Atlantic States Marine Fisheries Commission - Serves as a deliberative body of the Atlantic coastal states, coordinating the conservation and management of nearshore fishery resources, including marine, shell, and anadromous species.

***B*** - The weight (biomass) of a group of fish.

***B<sub>MSY</sub>*** - The weight (biomass) of a group of fish necessary to produce MSY on a continuing basis.

***CFMC*** - Caribbean Fishery Management Council.

***CPUE*** - Catch Per Unit of Effort - The number of fish caught by an amount of effort. Typically, effort is a combination of gear type, gear size, and length of time gear is used. Catch per unit of effort is often used as a measurement of relative abundance.

***EEZ*** - Exclusive Economic Zone - All waters from the seaward boundary of coastal states out to 200 nautical miles.

***EPR*** – Eggs Per Recruit - The average number of eggs produced by an individual fish that has been recruited, i.e., that moved into a certain class, such as the spawning class or fishing-size class. Used as an index of abundance.

***ESA*** - Endangered Species Act.

***F*** - Fishing Mortality Rate - A measurement of the rate of removal of fish from a population by fishing. Fishing mortality rate can be reported as either discrete or instantaneous. Discrete mortality is the percentage of fish dying in one year. Instantaneous mortality is the rate at which fish are dying at a point in time.

**$F_{ABC}$**  - The level of fishing mortality that results in the allowable biological catch.

**$F_{MAX}$**  - The level of fishing mortality that results in the greatest yield from the fishery.

**$F_{MSY}$**  - The level of fishing mortality that results in the maximum sustainable yield.

**$F_{OF}$**  - The level of fishing mortality defined as overfishing.

**$F_{OFL}$**  - The level of fishing mortality associated with overfishing.

**$F_{20\%}$**  - The level of fishing mortality that results in a spawning potential ratio of 20% of the maximum.

**$F_{25\%}$**  - The level of fishing mortality that results in a spawning potential ratio of 25% of the maximum.

**$F_{30\%}$**  - The level of fishing mortality that results in a spawning potential ratio of 30% of the maximum.

**$F_{35\%}$**  - The level of fishing mortality that results in a spawning potential ratio of 30% of the maximum.

**$F_{40\%}$**  - The level of fishing mortality that results in a spawning potential ratio of 40% of the maximum.

**$F_{0.1}$**  - The point on the spawning per recruit curve at which the level of spawning per recruit is 35% of 40% of the maximum.

**$FAKR$**  - NMFS, Alaska Region.

**$FMP$**  - Fishery Management Plan - A plan to achieve specified management goals for a fishery.

**$FSSI$**  - Fish Stock Sustainability Index.

**$GARM$**  - Groundfish Assessment Review Meeting. A review of stock status for groundfish stocks under the Northeast Multispecies Fishery Management Plan.

**$GMFMC$**  - Gulf of Mexico Fishery Management Council.

**$GSMFC$**  - Gulf States Marine Fisheries Commission - Serves as a deliberative body for the Gulf of Mexico coastal states, coordinating the conservation and management of nearshore fishery resources, including marine, shell, and anadromous species.

**$HMS$**  - Highly migratory species including tunas, marlins, oceanic sharks, sailfishes, and

swordfish; the HMS Management Division develops fishery policies designed to manage any Atlantic highly migratory species.

**LTPY** - Long-Term Potential Yield - The maximum long-term average catch that can be achieved from a resource.

**MAFMC** - Mid-Atlantic Fishery Management Council.

**MFMT** – Maximum Fishing Mortality Threshold – The level or rate of fishing mortality, that if exceeded, constitutes overfishing because it jeopardizes the capacity of a stock or stock complex to produce MSY on a continuing basis.

**MSA** – Magnuson-Stevens Fishery Conservation and Management Act.

**MSRA** – Magnuson-Stevens Fishery Conservation and Management Reauthorization Act of 2006.

**MSP<sub>1</sub>** - Maximum Spawning Potential - See SPR.

**MSP<sub>2</sub>** - Maximum Sustainable Production - The adult spawning population that will, on average, maximize the biomass of juvenile outmigrants with average environmental conditions. Conservation objectives for specific salmon stocks managed under the Pacific Coast Salmon Plan are currently based on either MSP principles for stocks managed primarily for natural production or on hatchery escapement needs for stocks managed for artificial production.

**MSST** – Minimum Stock Size Threshold – The minimum size of the stock or stock complex that is required to produce MSY, the size below which the stock or stock complex is determined to be overfished. The threshold should equal whichever of the following is greater: ½ the MSY stock size, or the minimum stock size at which rebuilding to the MSY level would be expected to occur within 10 years if the stock or stock were exploited at the maximum fishing mortality threshold.

**MSY** - Maximum Sustainable Yield - The largest long-term average catch or yield that can be taken from a stock or stock complex under prevailing ecological and environmental conditions.

**NEFMC** - New England Fishery Management Council.

**NEFSC** - NMFS, Northeast Fisheries Science Center.

**NPFMC** - North Pacific Fishery Management Council.

**OLO** - *Our Living Oceans* - A report on the status of U.S. living marine resources.

**OY** - Optimum Yield - The amount of fish that: (1) will provide the greatest overall

benefit to the Nation, particularly with respect to food production and recreational opportunities, and taking into account the protection of marine ecosystems; (2) is prescribed on the basis of the MSY from the fishery, as reduced by any relevant economic, social, or ecological factors; (3) in the case of an overfished fishery, provides for rebuilding to a level consistent with producing the MSY in such fishery.

**pdf** - Probability Density Function - A description of the probability that a variable takes a specified value.

**PFMC** - Pacific Fishery Management Council.

**SAFE** - Stock Assessment and Fishery Evaluation - A document or set of documents that provides Councils with a summary of the most recent biological condition of species in the fishery management unit, and the social and economic condition of the recreational and commercial fishing interests and the fish processing industries. It summarizes, on a periodic basis, the best available scientific information concerning the past, present, and possible future condition of the stocks and fisheries being managed under federal regulation.

**SAFMC** - South Atlantic Fishery Management Council.

**Salmon FMP** - Pacific Coast Salmon Plan.

**SARC** - Stock Assessment Review Committee.

**SEDAR** - Southeast Data, Assessment and Review.

**SEFSC** - Southeast Fishery Science Center.

**SFA** - Sustainable Fisheries Act - Amended the Magnuson-Stevens Fishery Conservation and Management Act, on October 11, 1996.

**SPR** - Spawning Potential Ratio - The number of eggs that could be produced by an average recruit in a fished stock, divided by the number of eggs that could be produced by an average recruit in an unfished stock. SPR can also be expressed as the spawning stock biomass per recruit (SSBR) of a fished stock divided by the SSBR of the stock before it was fished.

**SSB** - Spawning Stock Biomass - The total weight of the fish in a stock that are old enough to spawn.

**SSBR** - Spawning Stock Biomass Per Recruit - The spawning stock biomass divided by the number of recruits to the stock, or how much spawning biomass an average recruit would be expected to produce.

**SSC** - Scientific and Statistical Advisory Committee - A group of scientific and technical

people giving advice to a Council.

**TAC** – Total Allowable Catch.

***T coho*** - The average coho life span that would be expected over the long term in the absence of exploitation. The default of T coho is 4 years, but the SSC may set T coho at a different value without an FMP amendment on the basis of the best scientific information.

***TRAC*** - Transboundary Resources Assessment Committee - A committee established in 1998 to peer review assessments of transboundary resources in the Georges Bank area and thus to ensure that the management efforts of both Canada and the United States, pursued either independently or cooperatively, are founded on a common understanding of resource status.

***WPFMC*** - Western Pacific Fishery Management Council.