

Fishery Conservation and Management

§ 648.21

(a) The vessel operator has a letter of authorization issued by the Regional Administrator on board the vessel;

(b) For the duration of the trip, the vessel fishes, except for transiting purposes, exclusively in the NAFO Regulatory Area and does not harvest fish in, or possess fish harvested in, or from, the EEZ;

(c) When transiting the EEZ, all gear is properly stowed in accordance with one of the applicable methods specified in § 648.23(b); and

(d) The vessel operator complies with the High Seas Fishing Compliance permit and all NAFO conservation and enforcement measures while fishing in the NAFO Regulatory Area.

[63 FR 11595, Mar. 10, 1998, as amended at 65 FR 37911, June 19, 2000]

Subpart B—Management Measures for the Atlantic Mackerel, Squid, and Butterfish Fisheries

§ 648.20 Maximum optimum yield (OYs).

The OYs specified pursuant to § 648.21 during a fishing year may not exceed the following amounts:

(a) Mackerel—that quantity of mackerel that is less than or equal to the allowable biological catch (ABC) in U.S. waters specified pursuant to § 648.21.

(b) *Loligo*—the catch associated with a fishing mortality rate of F_{max} .

(c) *Illex*—catch associated with a fishing mortality rate of F_{MSY} .

(d) Butterfish—the catch associated with a fishing mortality rate of F_{MSY} .

[61 FR 34968, July 3, 1996, as amended at 62 FR 8637, Feb. 26, 1997; 64 FR 57593, Oct. 26, 1999]

§ 648.21 Procedures for determining initial annual amounts.

(a) *Initial recommended annual specifications.* The Atlantic Mackerel, Squid, and Butterfish Monitoring Committee (Monitoring Committee) shall meet annually to develop and recommend the following specifications for consideration by the Mackerel, Squid, and Butterfish Committee of the MAFMC:

(1) Initial OY (IOY), including research quota (RQ), domestic annual

harvest (DAH), and domestic annual processing (DAP) for *Illex* squid;

(2) IOY, including RQ, DAH, DAP, and bycatch level of the total allowable level of foreign fishing (TALFF), if any, for butterfish; and

(3) IOY, including RQ, DAH, DAP, joint venture processing (JVP), if any, and TALFF, if any, for mackerel. The Monitoring Committee may also recommend that certain ratios of TALFF, if any, for mackerel to purchases of domestic harvested fish and/or domestic processed fish be established in relation to the initial annual amounts.

(4) Initial OY (IOY), including research quota (RQ), domestic annual harvest (DAH), and domestic annual processing (DAP) for *Loligo* squid, which, subject to annual review, may be specified for a period of up to 3 years;

(5) Inseason adjustment, upward or downward, to the specifications for *Loligo* squid as specified in paragraph (e) of this section.

(b) *Guidelines.* As the basis for its recommendations under paragraph (a) of this section, the Monitoring Committee shall review available data pertaining to: Commercial, recreational, and research project landings; discards; current estimates of fishing mortality; stock status; the most recent estimates of recruitment; virtual population analysis results; levels of non-compliance by harvesters or individual states; impact of size/mesh regulations; results of a survey of domestic processors and joint venture operators of estimated mackerel processing capacity and intent to use that capacity; results of a survey of fishermen's trade associations of estimated mackerel harvesting capacity and intent to use that capacity; and any other relevant information. The specifications recommended pursuant to paragraph (a) of this section must be consistent with the following:

(1) *Squid.* (i) The ABC for any fishing year must be either the maximum OY specified in § 648.20, or a lower amount, if stock assessments indicate that the potential yield is less than the maximum OY.

(ii) IOY is a modification of ABC based on social and economic factors. The IOY is composed of a RQ and DAH.

RQ will be based on requests for research quota as described in paragraph (g) of this section. DAH will be set after deduction for RQ, if applicable.

(2) *Mackerel*. (i) Mackerel ABC must be calculated using the formula $ABC = T - C$, where C is the estimated catch of mackerel in Canadian waters for the upcoming fishing year and T is the catch associated with a fishing mortality rate that is equal to F_{target} ($F = 0.25$) at an 890,000 mt spawning stock biomass (or greater) and decreases linearly to zero at a 450,000 mt spawning stock biomass ($\frac{1}{2} B_{MSY}$) or below.

(ii) IOY is a modification of ABC, based on social and economic factors, and must be less than or equal to ABC.

(iii) IOY is composed of RQ, DAH and TALFF. RQ will be based on requests for research quota as described in paragraph (g) of this section. DAH, DAP, and JVP will be set after deduction for RQ, if applicable, and must be projected by reviewing data from sources specified in paragraph (a) of this section and other relevant data, including past domestic landings, projected amounts of mackerel necessary for domestic processing and for joint ventures during the fishing year, projected recreational landings, and other data pertinent for such a projection. The JVP component of DAH is the portion of DAH that domestic processors either cannot or will not use. In addition, IOY is based on the criteria set forth in the Magnuson-Stevens Act, specifically section 201(e), and on the following economic factors:

(A) Total world export potential of mackerel producing countries.

(B) Total world import demand of mackerel consuming countries.

(C) U.S. export potential based on expected U.S. harvests, expected U.S. consumption, relative prices, exchange rates, and foreign trade barriers.

(D) Increased/decreased revenues to the United States from foreign fees.

(E) Increased/decreased revenues to U.S. harvesters (with/without joint ventures).

(F) Increased/decreased revenues to U.S. processors and exporters.

(G) Increases/decreases in U.S. harvesting productivity due to decreases/increases in foreign harvest.

(H) Increases/decreases in U.S. processing productivity.

(I) Potential impact of increased/decreased TALFF on foreign purchases of U.S. products and services and U.S.-caught fish, changes in trade barriers, technology transfer, and other considerations.

(3) *Butterfish*. (i) If the Monitoring Committee's review indicates that the stock cannot support a level of harvest equal to the maximum OY, the Monitoring Committee shall recommend establishing an ABC less than the maximum OY for the fishing year. This level represents the modification of maximum OY to reflect biological and ecological factors. If the stock is able to support a harvest level equivalent to the maximum OY, the ABC must be set at that level.

(ii) IOY is a modification of ABC based on social and economic factors. The IOY is composed of a RQ, DAH, and bycatch TALFF that is equal to 0.08 percent of the allocated portion of the mackerel TALFF. RQ will be based on requests for research quota as described in paragraph (g) of this section. DAH and bycatch TALFF will be set after deduction for RQ, if applicable.

(c) *Recommended measures*. Based on the review of the data described in paragraph (a) of this section and requests for research quota as described in paragraph (g) of this section, the Monitoring Committee will recommend to the Squid, Mackerel, and Butterfish Committee the measures from the following list that it determines are necessary to ensure that the specifications are not exceeded:

(1) Research quotas set from a range of 0 to 3 percent of IOY.

(2) Commercial quotas, set after reductions for research quotas.

(3) The amount of *Loligo* and butterfish that may be retained, possessed and landed by vessels issued the incidental catch permit specified in § 648.4(a)(5).

(4) Commercial minimum fish sizes.

(5) Commercial trip limits.

(6) Commercial seasonal quotas/closures for *Loligo* and *Illex*.

(7) Minimum mesh sizes.

(8) Commercial gear restrictions.

(9) Recreational harvest limit, set after reductions for research quotas.

Fishery Conservation and Management

§ 648.21

- (10) Recreational minimum fish size.
- (11) Recreational possession limits.
- (12) Recreational season.

(d) *Annual fishing measures.* (1) The Squid, Mackerel, and Butterfish Committee will review the recommendations of the Monitoring Committee. Based on these recommendations and any public comment received thereon, the Squid, Mackerel, and Butterfish Committee must recommend to the MAFMC appropriate specifications and any measures necessary to assure that the specifications will not be exceeded. The MAFMC will review these recommendations and, based on the recommendations and any public comment received thereon, must recommend to the Regional Administrator appropriate specifications and any measures necessary to assure that the specifications will not be exceeded. The MAFMC's recommendations must include supporting documentation, as appropriate, concerning the environmental, economic, and social impacts of the recommendations. The Regional Administrator will review the recommendations and, on or about November 1 of each year, will publish notification in the FEDERAL REGISTER proposing specifications and any measures necessary to assure that the specifications will not be exceeded and providing a 30-day public comment period. If the proposed specifications differ from those recommended by the MAFMC, the reasons for any differences must be clearly stated and the revised specifications must satisfy the criteria set forth in this section. The MAFMC's recommendations will be available for inspection at the office of the Regional Administrator during the public comment period. If the annual specifications for squid, mackerel, and butterfish are not published in the FEDERAL REGISTER prior to the start of the fishing year, the previous year's annual specifications, excluding specifications of TALFF, will remain in effect. The previous year's specifications will be superceded as of the effective date of the final rule implementing the current year's annual specifications.

(2) On or about December 15 of each year, the Assistant Administrator will make a final determination concerning the specifications for each species and

any measures necessary to assure that the specifications will not be exceeded contained in the FEDERAL REGISTER notification. After the Assistant Administrator considers all relevant data and any public comments, notification of the final specifications and any measures necessary to assure that the specifications will not be exceeded and responses to the public comments will be published in the FEDERAL REGISTER. If the final specification amounts differ from those recommended by the MAFMC, the reason(s) for the difference(s) must be clearly stated and the revised specifications must be consistent with the criteria set forth in paragraph (b) of this section.

(e) *Distribution of annual Loligo squid commercial quota.* (1) Beginning January 1, 2001, a commercial quota will be allocated annually for *Loligo* squid into quarterly periods, based on the following percentages:

Quarter	Percent
I—January–March	33.23
II—April–June	17.61
III—July–September	17.30
IV—October–December	31.86

(2) Beginning January 1, 2001, any overages of commercial quota landed from Quarter I will be subtracted from Quarter III and any overages of commercial quota landed from Quarter II will be subtracted from Quarter IV.

(f) *Distribution of annual Loligo squid commercial quota.* (1) Beginning January 1, 2001, a commercial quota will be allocated annually for *Loligo* squid into quarterly periods, based on the following percentages:

Quarter	Percent
I—January–March	33.23
II—April–June	17.61
III—July–September	17.30
IV—October–December	31.86

(2) Beginning January 1, 2001, any overages of commercial quota landed from Quarter I will be subtracted from Quarter III and any overages of commercial quota landed from Quarter II will be subtracted from Quarter IV.

(3) Beginning January 1, 2002, if commercial landings in Quarter I are determined to be less than 70 percent of the Quarter I quota allocation, any remaining Quarter I quota that is less

§ 648.22

50 CFR Ch. VI (10–1–02 Edition)

than 70 percent will be reallocated to Quarter III (e.g., if the Quarter I quota was 100,000 lb (220,462 kg) and 50,000 lb (110,231 kg) was landed, then the remaining Quarter I quota, up to 70 percent, or 20,000 lb (44,092 kg), would be reallocated to Quarter III. A balance of 30 percent, or 30,000 lb (66,139 kg), would remain in Quarter I).

(g) *Research quota.* Prior to the Council's quota-setting meetings:

(1) NMFS will publish a Request for Proposals (RFP) in the FEDERAL REGISTER, consistent with procedures and requirements established by the NOAA Grants Office, to solicit proposals from industry for the upcoming fishing year, based on research priorities identified by the Council.

(2) NMFS will convene a review panel including the Council's Comprehensive Management Committee, as well as technical experts, to review proposals submitted in response to the RFP.

(i) Each panel member will recommend which research proposals should be authorized to utilize research quota, based on the selection criteria described in the RFP.

(ii) The Regional Administrator and the NOAA Grants Office will consider each panel member's recommendation, provide final approval of the projects and exempt selected vessel(s) from regulations specified in each of the respective FMPs through written notification to the project proponent.

(3) The grant awards approved under the RFPs will be for the upcoming fishing year. Proposals to fund research that would start prior to, or that would end after the fishing year, will not be eligible for consideration. All research and/or compensation trips will have to be completed within the fishing year for which the research grant was awarded.

(4) Research projects will be conducted in accordance with provisions approved and provided in an Exempted Fishing Permit (EFP) issued by the Regional Administrator.

(5) If a proposal is disapproved by the Regional Administrator or the NOAA Grants Office, the Regional Administrator will reallocate the disapproved research quota to the respective commercial and recreational fisheries dur-

ing the proposed rule comment period for the annual specifications.

(6) Vessels participating in approved research projects may be exempted from certain management measures by the Regional Administrator, provided that one of the following analyses of the impacts associated with the exemptions is provided:

(i) The analysis of the impacts of the requested exemptions is included as part of the annual quota specification packages submitted by the Council; or

(ii) For proposals that require exemptions that extend beyond the scope of the analysis provided by the Council, applicants may be required to provide additional analysis of impacts of the exemptions before issuance of an EFP will be considered, as specified in the EFP regulations at § 648.745(b).

[61 FR 34968, July 3, 1996, as amended at 62 FR 8637, Feb. 26, 1997; 64 FR 57593, Oct. 26, 1999; 65 FR 16345, Mar. 28, 2000; 65 FR 55927, Sept. 15, 2000; 66 FR 13028, Mar. 2, 2001; 66 FR 35566, July 6, 2001; 66 FR 42159, Aug. 10, 2001; 67 FR 3627, Jan. 25, 2002; 67 FR 44394, July 2, 2002]

§ 648.22 Closure of the fishery.

(a) *General.* NMFS shall close the directed mackerel fishery in the EEZ when U.S. fishermen have harvested 80 percent of the DAH of that fishery if such closure is necessary to prevent the DAH from being exceeded. The closure shall remain in effect for the remainder of the fishing year, with incidental catches allowed as specified in paragraph (c) of this section, until the entire DAH is attained. When the Regional Administrator projects that DAH will be attained for mackerel, NMFS will close the mackerel fishery in the EEZ, and the incidental catches specified for mackerel in paragraph (c) of this section will be prohibited. NMFS will close the directed fishery in the EEZ for *Loligo* when 80 percent is harvested in Quarters I, II and III, and when 95 percent of the total annual DAH has been harvested. The closure of the directed fishery will be in effect for the remainder of the fishing year, with incidental catches allowed as specified in paragraph (c) of this section. NMFS will close the directed fishery in the EEZ for *Illex* or butterfish when 95 percent of the DAH has been harvested.