(2) The Amendment 80 QS holder or designated representative, if applicable, must respond to inquiries by NMFS within 20 days of the date of issuance of the inquiry.

(3) The Amendment 80 QS holder or designated representative, if applicable, must provide copies of additional data to facilitate verification by NMFS. The NMFS auditor may review and request copies of additional data provided by the Amendment 80 QS holder or designated representative, including but not limited to, previously audited or reviewed financial statements, worksheets, tax returns, invoices, receipts, and other original documents substantiating the data submitted.

APPENDIX A TO PART 679-PERFORM-ANCE AND TECHNICAL REQUIREMENTS FOR SCALES USED TO WEIGH CATCH AT SEA IN THE GROUNDFISH FISH-ERIES OFF ALASKA

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 - - 1. Introduction

(a) This appendix to part 679 contains the performance and technical requirements for scales to be approved by NMFS for use to weigh, at sea, catch from the groundfish fisheries off Alaska. The performance and technical requirements in this document have not been reviewed or endorsed by the National Conference on Weights and Measures. Regulations implementing the requirements of this appendix and additional requirements for and with respect to scales used to weigh catch at sea are found at 50 CFR 679.28(b).

(b) Revisions, amendments, or additions to this appendix may be made after notice and opportunity for public comments. Send re-

quests for revisions, amendments, or additions to the Sustainable Fisheries Division, Alaska Region, NMFS, P.O. Box 21668, Juneau, AK 99802.

(c) Types of Scales Covered by Appendix-This appendix contains performance and technical requirements for belt, automatic hopper, platform, and hanging scales.

(d) Testing and Approval of Scales Used to Weigh Catch at Sea-Scales used to weigh catch at sea are required to comply with four categories of performance and technical requirements: (1) Type evaluation; (2) initial inspection after installation while the vessel is tied up at a dock and is not under power at sea; (3) annual reinspection while the vessel is tied up at a dock and is not under power at sea; and (4) daily at-sea tests of the scale's accuracy. This appendix contains only the performance and technical requirements for type evaluation and initial and annual reinspections by an authorized scale inspector.

2. Belt Scales

2.1 Applicability. The requirements in this section apply to a scale or scale system that employs a conveyor belt in contact with a weighing element to determine the weight of a bulk commodity being conveyed across the scale.

2.2 Performance Requirements-2.2.1 Maximum Permissible Errors. For laboratory tests of a scale and initial inspections and annual reinspections of an installed scale when the vessel is tied up at a dock and is not under power at sea, the following maximum permissible errors (MPEs) are specified:

2.2.1.1 Laboratory Tests. See annex A to this appendix A for procedures for disturbance tests and influence factors.

a. Disturbances. ±0.18 percent of the weight of the load totalized.

b. Influence Factors. ±0.25 percent of the weight of the load totalized.

c. Temperature Effect at Zero Flow Rate. The difference between the values obtained at zero flow rate taken at temperatures that differ by 10 °C ±0.2 °C must not be greater than 0.035 percent of the weight of the load totalized at the maximum flow-rate for the time of the test.

2.2.1.2 Zero Load Tests. For zero load tests conducted in a laboratory or on a scale installed on a vessel and conducted when the vessel is tied up at a dock and not under power at sea, ± 0.1 percent of the value of the minimum totalized load or 1 scale division (d), whichever is greater.

2.2.1.3 Material Tests. For material tests conducted in a laboratory or on a scale installed on a vessel and conducted when the vessel is tied up at a dock and not under power at sea, ±1.0 percent of the known weight of the test material.

2.2.2 Minimum Flow Rate (Qmin). The minimum flow rate must be specified by the

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manufacturer and must not be greater than 35 percent of the rated capacity of the scale in kilograms per hour (kg/hr) or metric tons per hour (mt/hr).

2.2.3 Minimum Totalized Load (Σ min). The minimum totalized load must not be less than the greater of—

a. Two percent of the load totalized in 1 hour at the maximum flow rate;

b. The load obtained at the maximum flow rate in 1 revolution of the belt; or

c. A load equal to 800 scale divisions (d).

2.2.4 *Influence Quantities.* The following requirements apply to influence factor tests conducted in the laboratory.

2.2.4.1 Temperature. A belt scale must comply with the performance and technical requirements at a range of temperatures from -10 °C to +40 °C. However, for special applications the temperature range may be different, but the range must not be less than 30 °C and must be so specified on the scale's descriptive markings.

2.2.4.2 Power Supply. A belt scale must comply with the performance and technical requirements when operated within a range of -15 percent to +10 percent of the power supply specified on the scale's descriptive markings.

2.3.1 Technical Requirements.

2.3.1 Indicators and Printers.

2.3.1.1 General. A belt scale must be equipped with an indicator capable of displaying both the weight of fish in each haul or set and the cumulative weight of all fish or other material weighed on the scale between annual inspections ("the cumulative weight"), a rate of flow indicator, and a printer. The indications and printed representations must be clear, definite, accurate, and easily read under all conditions of normal operation of the belt scale.

2.3.1.2 Values Defined. If indications or printed representations are intended to have specific values, these must be defined by a sufficient number of figures, words, or symbols, uniformly placed with reference to the indications or printed representations and as close as practicable to the indications or printed representations but not so positioned as to interfere with the accuracy of reading.

2.3.1.3 Units. The weight of each haul or set must be indicated in kilograms, and the cumulative weight must be indicated in either kilograms or metric tons and decimal subdivisions.

2.3.1.4 Value of the Scale Division. The value of the scale division (d) expressed in a unit of weight must be equal to 1, 2, or 5, or a decimal multiple or sub-multiple of 1, 2, or 5.

2.3.1.5 Range of Indication. The range of the weight indications and printed values for each haul or set must be from 0 kg to 999,999 kg and for the cumulative weight must be from 0 to 99,999 metric tons.

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2.3.1.6 Resettable and Non-resettable Values. The means to indicate the weight of fish in each haul or set must be resettable to zero. The means to indicate the cumulative weight must not be resettable to zero without breaking a security means and must be reset only upon direction of NMFS or an authorized scale inspector.

2.3.1.7 Rate of Flow Indicator. Permanent means must be provided to produce an audio or visual signal when the rate of flow is less than the minimum flow rate or greater than 98 percent of the maximum flow rate.

2.3.1.8 *Printed Information*. The information printed must include—

a. For catch weight:

i. The vessel name;

ii. The Federal fisheries or processor permit number of the vessel;

iii. The haul or set number;

iv. The total weight of catch in each haul or set;

v. The total cumulative weight of all fish or other material weighed on the scale; and vi. The date and time the information is

printed. b. For the audit trail:

i. The vessel name;

ii. The Federal fisheries or processor permit number of the vessel;

iii. The date and time (to the nearest minute) that the adjustment was made;

iv. The name or type of adjustment being made: and

v. The initial and final values of the parameter being changed.

2.3.1.9 *Permanence of Markings*. All required indications, markings, and instructions must be distinct and easily readable and must be of such character that they will not tend to become obliterated or illegible.

2.3.1.10 *Power Loss*. In the event of a power failure, means must be provided to retain in a memory the weight of fish in each haul or set for which a printed record has not yet been made, the cumulative weight, and the information on the audit trail.

2.3.1.11 Adjustable Components. An adjustable component that when adjusted affects the performance or accuracy of the scale must be held securely in position and must not be capable of adjustment without breaking a security means unless a record of the adjustment is made on the audit trail described in 2.3.1.12.

2.3.1.12 Audit Trail. An audit trail in the form of an event logger must be provided to document changes made using adjustable components. The following information must be provided in an electronic form that cannot be changed or erased by the scale operator, can be printed at any time, and can be cleared by the scale manufacturer's representative upon direction by NMFS or by an authorized scale inspector:

a. The date and time (to the nearest minute) of the change;

b. The name or type of adjustment being made; and

c. The initial and final values of the parameter being changed.

2.3.1.13 Adjustments to Scale Weights. The indicators and printer must be designed so that the scale operator cannot change or adjust the indicated and printed weight values.

2.3.2 Weighing Elements.

2.3.2.1 Speed Measurement. A belt scale must be equipped with means to accurately sense the belt travel and/or speed whether the belt is loaded or empty.

2.3.2.2 Conveyer Belt. The weight per unit length of the conveyor belt must be practically constant. Belt joints must be such that there are no significant effects on the weighing results.

2.3.2.3 Overload Protection. The load receiver must be equipped with means so that an overload of 150 percent or more of the capacity does not affect the metrological characteristics of the scale.

2.3.2.4 *Speed Control.* The speed of the belt must not vary by more than 5 percent of the nominal speed.

2.3.2.5 Adjustable Components. An adjustable component that can affect the performance of the belt scale must be held securely in position and must not be capable of adjustment without breaking a security means.

2.3.2.6 Motion Compensation. A belt scale must be equipped with automatic means to compensate for the motion of a vessel at sea so that the weight values indicated are within the MPEs. Such means shall be a reference load cell and a reference mass weight or other equally effective means. When equivalent means are utilized, the manufacturer must provide NMFS with information demonstrating that the scale can weigh accurately at sea.

2.3.3 *Installation Conditions.* A belt scale must be rigidly installed in a level condition. 2.3.4 *Marking.* A belt scale must be

marked with thea. Name. initials, or trademark of the man-

ufacturer or distributer;

b. Model designation;

c. Non-repetitive serial number;

d. Maximum flow rate (Qmax);

e. Minimum flow rate (Qmin);

f. Minimum totalized load (Σmin) ;

g. Value of a scale division (d);

h. Belt speed;

i. Weigh length;

j. Maximum capacity (Max);

k. Temperature range (if applicable); and l. Mains voltage.

2.8.4.1 Presentation. The markings must be reasonably permanent and of such size, shape, and clarity to provide easy reading in normal conditions of use. They must be grouped together in a place visible to the operator.

2.4 Tests.

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2.4.1 Minimum Test Load. The minimum test load must be the greater of—

a. 2 percent of the load totalized in 1 hour at the maximum flow rate;

b. The load obtained at maximum flow rate in one revolution of the belt; or

c. A load equal to 800 scale divisions.

2.4.2 Laboratory Tests.

2.4.2.1 Influence Quantity and Disturbance Tests. Tests must be conducted according to annex A and the results of these tests must be within the values specified in section 2.2.1.1.

2.4.2.2 Zero-Load Tests. A zero-load test must be conducted for a time equal to that required to deliver the minimum totalized load ("min). At least two zero-load tests must be conducted prior to a material test. The results of these tests must be within the values specified in section 2.2.1.2.

2.4.2.3 *Material Tests.* At least one material test must be conducted with the weight of the material or simulated material equal to or greater than the minimum test load. The results of these tests must be within the values specified in section 2.2.1.3.

2.4.3 Annual Inspections.

2.4.3.1 Zero-Load Tests. A zero-load test must be conducted for a time equal to that required to deliver the minimum totalized load (Σ min). At least one zero-load test must be conducted prior to each material test. The results of this test must be within the values specified in section 2.2.1.2.

2.4.3.2 Material Tests. At least one material or simulated material test must be conducted with the weight of the material or simulated material equal to or greater than the minimum test load. The results of these tests must be within the values specified in section 2.2.1.3.

3. Automatic Hopper Scales

3.1 *Applicability.* The requirements in this section apply to a scale or scale system that is designed for automatic weighing of a bulk commodity in predetermined amounts.

3.2 Performance Requirements.

3.2.1 Maximum Permissible Errors. For laboratory tests of a scale and initial inspection and annual reinspections of an installed scale when the vessel is tied up at a dock and is not under power at sea, the following MPEs are specified:

3.2.1.1 Laboratory Tests. See annex A to appendix A for procedures for disturbance test and influence factors.

a. Disturbances. Significant fault (sf) (±scale division).

b. Influence Factors. ± 1 percent of test load. 3.2.1.2 Increasing and Decreasing Load Tests. For increasing and decreasing load tests conducted in a laboratory or on a scale installed on a vessel tied up at a dock and not under power at sea, ± 1.0 percent of the test load.

3.2.2 Minimum Weighment (Σ min). The minimum weighment must not be less than 20 percent of the weighing capacity, or a load equal to 100 scale intervals (d), except for the final weighment of a lot.

3.2.3 *Minimum Totalized Load (Lot)*. The minimum totalized load must not be less than 4 weighments.

3.2.4 *Influence Quantities.* The following requirements apply to influence factor tests conducted in the laboratory:

3.2.4.1 Temperature. A hopper scale must comply with the metrological and technical requirements at temperatures from -10 °C to +40 °C. However, for special applications the temperature range may be different, but the range must not be less than 30 °C and must be so specified on the scale's descriptive markings.

3.2.4.1.1 Operating Temperature. A hopper scale must not display or print any usable weight values until the operating temperature necessary for accurate weighing and a stable zero-balance condition have been attained.

3.2.4.2 *Power Supply*. A hopper scale must comply with the performance and technical requirements when operated within -15 percent to +10 percent of the power supply specified on the scale's descriptive markings.

3.3 Technical Requirements.

3.3.1 Indicators and Printers.

3.3.1.1 General. a. A hopper scale must be equipped with an indicator and printer that indicates and prints the weight of each load and a no-load reference value; and a printer that prints the total weight of fish in each haul or set and the total cumulative weight of all fish and other material weighed on the scale between annual inspections ("the cumulative weight"). The indications and printed information must be clear, definite, accurate, and easily read under all conditions of normal operation of the hopper scale.

b. A no-load reference value may be a positive or negative value in terms of scale divisions or zero. When the no-load reference value is zero, the scale must return to a zero indication (within ± 0.5 scale division) when the load receptor (hopper) is empty following the discharge of all loads, without the intervention of either automatic or manual means.

3.3.1.2 Values Defined. If indications or printed representations are intended to have specific values, these must be defined by a sufficient number of figures, words, or symbols, uniformly placed with reference to the indications or printed representations and as close as practicable to the indications or printed representations but not so positioned as to interfere with the accuracy of reading.

3.3.1.3 Units. The weight of each haul or set must be indicated in kilograms, and the cumulative weight must be indicated in ei-

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ther kilograms or metric tons and decimal subdivisions.

3.3.1.4 Value of the Scale Division. The value of the scale division (d) expressed in a unit of weight must be equal to 1, 2, or 5, or a decimal multiple or sub-multiple of 1, 2, or 5.

3.3.1.5 Weighing Sequence. For hopper scales used to receive (weigh in), the no-load reference value must be determined and printed only at the beginning of each weighing cycle. For hopper scales used to deliver (weigh out), the no-load reference value must be determined and printed only after the gross-load weight value for each weighing cycle has been indicated and printed.

3.3.1.6 *Printing Sequence*. Provision must be made so that all weight values are indicated until the completion of the printing of the indicated values.

3.3.1.7 Printed Information. The information printed must include—

a. For catch weight:

i. The vessel name;

ii. The Federal fisheries or processor permit number of the vessel;

iii. The haul or set number;

iv. The total weight of catch in each haul or set;

v. The total cumulative weight of all fish or other material weighed on the scale; and vi. The date and time the information is

printed.

b. For the audit trail:

i. The vessel name:

ii. The Federal fisheries or processor permit number of the vessel;

iii. The date and time (to the nearest minute) of the change;

iv. The name or type of adjustment being made; and

v. The initial and final values of the parameter being changed.

3.3.1.8 Permanence of Markings. All required indications, markings, and instructions must be distinct and easily readable and must be of such character that they will not tend to become obliterated or illegible.

3.3.1.9 Range of Indication. The range of the weight indications and printed values for each haul or set must be from 0 kg to 999,999 kg and for the cumulative weight must be from 0 to 99,999 metric tons.

3.3.1.10 Non-Resettable Values. The cumulative weight must not be resettable to zero without breaking a security means and must be reset only upon direction by NMFS or by an authorized scale inspector.

3.3.1.11 *Power Loss.* In the event of a power failure, means must be provided to retain in a memory the weight of fish in each haul or set for which a printed record has not yet been made, the cumulative weight, and the information on the audit trail described in 3.3.1.13.

3.3.1.12 Adjustable Components. An adjustable component that, when adjusted, affects

the performance or accuracy of the scale must not be capable of adjustment without breaking a security means, unless a record of the adjustment is made on the audit trail described in 3.3.1.13.

3.3.1.13 Audit Trail. An audit trail in the form of an event logger must be provided to document changes made using adjustable components. The following information must be provided in an electronic form that cannot be changed or erased by the scale operator, can be printed at any time, and can be cleared by the scale manufacturer's representative upon direction of NMFS or by an authorized scale inspector:

a. The date and time (to the nearest minute) of the change;

b. The name or type of adjustment being made; and

c. The initial and final values of the parameter being changed.

3.3.1.14 Zero-Load Adjustment. A hopper scale must be equipped with a manual or semi-automatic means that can be used to adjust the zero-load balance or no-load reference value.

3.3.1.14.1 *Manual*. A manual means must be operable or accessible only by a tool outside of, or entirely separate from, this mechanism or enclosed in a cabinet.

3.3.1.14.2 Semi-Automatic. A semi-automatic means must be operable only when the indication is stable within ± 1 scale division and cannot be operated during a weighing cycle (operation).

3.3.1.15 Damping Means. A hopper scale must be equipped with effective automatic means to bring the indications quickly to a readable stable equilibrium. Effective automatic means must also be provided to permit the recording of weight values only when the indication is stable within plus or minus one scale division.

3.3.1.16 Adjustments to Scale Weights. The indicators and printer must be designed so that the scale operator cannot change or adjust the indicated and printed weight values.

3.3.2 Interlocks and Gate Control. A hopper scale must have operating interlocks so that—

a. Product cannot be weighed if the printer is disconnected or subject to a power loss;

b. The printer cannot print a weight if either of the gates leading to or from the weigh hopper is open;

c. The low paper sensor of the printer is activated;

d. The system will operate only in the sequence intended; and

e. If the overfill sensor is activated, this condition is indicated to the operator and is printed.

3.3.3 Overfill Sensor. The weigh hopper must be equipped with an overfill sensor that will cause the feed gate to close, activate an alarm, and stop the weighing operation until the overfill condition has been corrected. 3.3.4 Weighing Elements.

ents.

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3.3.4.1 Overload Protection. The weigh hopper must be equipped with means so that an overload of 150 percent or more of the capacity of the hopper does not affect the metrological characteristics of the scale.

3.3.4.2 Adjustable Components. An adjustable component that can affect the performance of the hopper scale must be held securely in position and must not be capable of adjustment without breaking a security means.

3.3.4.3 Motion Compensation. A hopper scale must be equipped with automatic means to compensate for the motion of a vessel at sea so that the weight values indicated are within the MPEs. Such means shall be a reference load cell and a reference mass weight or other equally effective means. When equivalent means are utilized, the manufacturer must provide NMFS with information demonstrating that the scale can weigh accurately at sea.

3.3.5 Installation Conditions. A hopper scale must be rigidly installed in a level condition. 3.3.6 Marking. A hopper scale must be

marked with the following: a. Name, initials, or trademark of the man-

ufacturer or distributer;

b. Model designation;

c. Non-repetitive serial number;

d. Maximum capacity (Max);

e. Minimum capacity (min);

f. Minimum totalized load (Σmin) ;

g. Minimum weighment;

h. Value of the scale division (d);

i. Temperature range (if applicable); and

j. Mains voltage.

3.3.6.1 Presentation. Descriptive markings must be reasonably permanent and grouped together in a place visible to the operator. 3.4 Tests

3.4.1 *Standards*. The error of the standards used must not exceed 25 percent of the MPE to be applied.

3.4.2 Laboratory Tests.

3.4.2.1 Influence Quantity and Disturbance Tests. Tests must be conducted according to annex A and the results of these tests must be within the values specified in section 3.2.1.1.

3.4.2.2 *Performance Tests.* Performance tests must be conducted as follows:

a. Increasing load test. At least five increasing load tests must be conducted with test loads at the minimum load, at a load near capacity, and at 2 or more critical points in between; and

b. *Decreasing load test*. A decreasing load test must be conducted with a test load approximately equal to one-half capacity when removing the test loads of an increasing load test.

3.4.3 Annual Inspections.

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At least two increasing load tests and two decreasing load tests must be conducted as specified in 3.4.2.2. Additionally, tests must

be conducted with test loads approximately equal to the weight of loads at which the scale is normally used.

4. Platform Scales and Hanging Scales

4.1 Applicability. The requirements in this section apply to platform and hanging scales used to weigh total catch. Platform scales used only as observer sampling scales or to determine the known weight of fish for a material test of another scale are not required to have a printer under sections 4.3.1 and 4.3.1.5 or an audit trail under section 4.3.1.8. 4.2 Performance Requirements.

4.2.1 Maximum Permissible Errors. For laboratory tests of a scale and initial inspection and annual reinspections of an installed scale while the vessel is tied up at a dock and is not under power at sea, the following MPEs are specified:

4.2.1.1 Laboratory Tests. See annex A to this appendix A for procedures for disturbance tests and influence factors.

a. Disturbances. Significant fault (±1 scale division); and

b. Influence Factors. See Table 1 in section 4.2.1.2.

4.2.1.2 Increasing and Decreasing Load and Shift Tests. Increasing and decreasing load and shift tests conducted in a laboratory or on a scale installed on a vessel while the vessel is tied up at a dock and is not under power at sea, see Table 1 as follows:

| TABLE | 1— | NFLUENCE | FACTORS |
|-------|----|----------|---------|
|-------|----|----------|---------|

| Test load in scale di | Maximum | | |
|--|---------------------------------------|----------------------|--|
| Class III ¹ | Class IIII | I sible error (d) | |
| $\begin{array}{c} 0 < m^2 \leq 500 \\ 500 < m \leq 2000 \\ 2000 < m \end{array}$ | 0 < m ≤ 50 50 < m ≤ 200 200 < m | 0.5 1.0 1.5 | |

¹Scale accuracy classes are defined in section 4.2.2, table 2. ²Mass or weight of the test load in scale divisions.

4.2.2 Accuracy Classes. Scales are divided into two accuracy classes, class III and class IIII. The accuracy class of a scale is designated by the manufacturer. The design of each accuracy class with respect to number of scale divisions (n) and the value of the scale division (d) is specified according to table 2:

TABLE 2—ACCURACY CLASSES

| Accuracy | Value of scale division | Number of scale divi- sions (n) | |
|----------|----------------------------------|------------------------------------|-----------------|
| Class | (u) | Minimum | Maximum |
| III | 5 g or greater 5 g or greater | 500 100 | 10,000 1,000 |

4.2.3 Minimum Load: For a Class III scale, 20d: for a Class IIII scale, 10d.

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4.2.4 Influence Quantities The following requirements apply to influence factor tests conducted in the laboratory.

4.2.4.1 *Temperature*. A scale must comply with the performance and technical requirements at temperatures from -10 °C to +40 °C. However, for special applications the temperature range may be different, but the range must not be less than 30 °C and must be so specified on the descriptive markings.

4.2.4.1.1 Operating Temperature. A scale must not display or print any usable weight values until the operating temperature necessary for accurate weighing and a stable zero-balance condition have been attained.

4.2.4.2 *Power Supply*. A scale must comply with the performance and technical requirements when operated within -15 percent to +10 percent of the power supply specified on the scale's descriptive markings.

4.3 Technical Requirements.

4.3.1 Indicators and Printers.

4.3.1.1 General. A scale must be equipped with an indicator and a printer. The indications and printed information must be clear, definite, accurate, and easily read under all conditions of normal operation of the scale.

4.3.1.2 Values Defined. If indications or printed representations are intended to have specific values, these must be defined by a sufficient number of figures, words, or symbols, uniformly placed with reference to the indications or printed representations and as close as practicable to the indications or printed representations but not so positioned as to interfere with the accuracy of reading.

4.3.1.3 Units. The weight units indicated must be in terms of kilograms and decimal subdivisions.

4.3.1.4 Value of the Scale Division. The value of the scale division (d) expressed in a unit of weight must be equal to 1, 2, or 5, or a decimal multiple or sub-multiple of 1, 2, or 5.

4.3.1.5 Printed Information. The information printed must include-

a. For catch weight:

i. The vessel name;

ii. The Federal fisheries or processor permit number of the vessel;

iii. The haul or set number:

iv. Net weight of the fish.

b. For the audit trail:

i. The vessel name:

ii. The Federal fisheries or processor permit number of the vessel:

iii. The date and time (to the nearest minute) of the change:

iv. The name or type of adjustment being made: and

v. The initial and final values of the parameter being changed.

4.3.1.6 Permanence of Markings. All required indications, markings, and instructions must be distinct and easily readable and must be of such character that they will not tend to become obliterated or illegible.

4.3.1.7 *Power Loss.* In the event of a power failure, means must be provided to retain in a memory the weight of the last weighment if it is a non-repeatable weighment.

4.3.1.8 Adjustable Components.

a. An adjustable component that, when adjusted, affects the performance or accuracy of the scale must be held securely in position and must not be capable of adjustment without breaking a security means.

b. An audit trail in the form of an event logger must be provided to document changes made using adjustable components. The following information must be provided in an electronic form that cannot be changed or erased by the scale operator, can be printed at any time, and can be cleared by the scale manufacturer's representative upon direction of NMFS or an authorized scale inspector:

i. The date and time (to the nearest minute) of the change;

ii. The name or type of adjustment being made; and

iii. The initial and final values of the parameter being changed.

4.3.1.9 Zero-Load Adjustment. A scale must be equipped with a manual or semi-automatic means that can be used to adjust the zero-load balance or no-load reference value.

4.3.1.9.1 *Manual*. A manual means must be operable or accessible only by a tool outside of or entirely separate from this mechanism or enclosed in a cabinet.

4.3.1.9.2 Semi-automatic. A semi-automatic means must meet the provisions of 4.3.1.8 or must be operable only when the indication is stable within ± 1 scale division and cannot be operated during a weighing cycle (operation).

4.3.1.10 Damping Means. A scale must be equipped with effective automatic means to bring the indications quickly to a readable stable equilibrium. Effective automatic means must also be provided to permit the recording of weight values only when the indication is stable within plus or minus one scale division.

4.3.2 Weighing Elements.

4.3.2.1 Overload Protection. The scale must be so designed that an overload of 150 percent or more of the capacity does not affect the metrological characteristics of the scale.

4.3.2.2 Adjustable Components. An adjustable component that can affect the performance of the scale must be held securely in position and must not be capable of adjustment without breaking a security means.

4.3.2.3 Motion Compensation. A platform scale must be equipped with automatic means to compensate for the motion of a vessel at sea so that the weight values indicated are within the MPEs. Such means shall be a reference load cell and a reference mass weight or other equally effective means. When equivalent means are utilized, the manufacturer must provide NMFS with inPt. 679, App. A

formation demonstrating that the scale can weigh accurately at sea.

4.3.3 *Installation Conditions*. A platform scale must be rigidly installed in a level condition. When in use, a hanging scale must be freely suspended from a fixed support or a crane.

4.3.4 *Marking*. A scale must be marked with the following:

a. Name, initials, or trademark of the manufacturer or distributor;

b. Model designation;

c. Non-repetitive serial number;

d. Accuracy class (III or IIII);

e. Maximum capacity (Max);

f. Minimum capacity (min);

g. Value of a scale division (d);

h. Temperature range (if applicable); and i. Mains voltage.

4.3.4.1 Presentation. Descriptive markings must be reasonably permanent and grouped together in a place visible to the operator. 4.4 Tests.

4.4 Tests

4.4.1 *Standards*. The error of the standards used must not exceed 25 percent of the MPE applied.

4.4.2 Laboratory Tests.

4.4.2.1 Influence Quantities and Disturbance Tests. Tests must be conducted according to annex A to this appendix A, and the results of these tests must be within the values specified in section 4.2.1.1.

4.4.2.2 *Performance Tests.* Performance tests must be conducted as follows:

a. Increasing load test. At least five increasing load tests must be conducted with test loads at the minimum load, at a load near capacity, and at 2 or more critical points in between.

b. *Shift test (platform scales only)*. A shift test must be conducted during the increasing load test at one-third capacity test load centered in each quadrant of the platform.

c. Decreasing load test. A decreasing load test must be conducted with a test load approximately equal to one-half capacity when removing the test loads of an increasing load test.

4.4.3 Annual Scale Inspections.

At least two increasing load tests, shift tests, and decreasing load tests must be conducted as specified in section 4.4.2.2. Additionally tests must be conducted with test loads approximately equal to the weight of loads at which the scale is normally used. The results of all tests must be as specified in Table 1 in section 4.2.1.2.

5. Definitions

Adjustable component—Any component that, when adjusted, affects the performance or accuracy of the scale, e.g., span adjustment or automatic zero-setting means. Manual or semi-automatic zero-setting means are not considered adjustable components.

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Audit trail—An electronic count and/or information record of the changes to the values of the calibration or configuration parameters of a scale.

Automatic hopper scale—A hopper scale adapted to the automatic weighing of a bulk commodity (fish) in predetermined amounts. Capacities vary from 20 kg to 50 mt. It is generally equipped with a control panel, with functions to be set by an operator, including the start of an automatic operation. (See definition of hopper scale).

Belt scale—A scale that employs a conveyor belt in contact with a weighing element to determine the weight of a bulk commodity being conveyed. It is generally a part of a system consisting of an input conveyor, the flow scale, and an output conveyor. The conveyor belt may be constructed of various materials, including vulcanized rubber, canvas, and plastic. The capacity is generally specified in terms of the amount of weight that can be determined in a specified time, and can vary from, for example, 1 ton per hour to 100 or more tons per hour. An operator generally directs the flow of product onto the input conveyor.

Calibration mode—A means by which the span of a scale can be adjusted by placing a known "test weight" on the scale and manually operating a key on a key board.

Disturbances—An influence that may occur during the use of a scale but is not within the rated operating conditions of the scale.

Event logger—A form of audit trail containing a series of records where each record contains the identification of the parameter that was changed, the time and date when the parameter was changed, and the new value of the parameter.

Final weighment—The last partial load weighed on a hopper scale that is part of the weight of many loads.

Hanging scale—A scale that is designed to weigh a load that is freely suspended from an overhead crane or it may be permanently installed in an overhead position. The load receiver may be a part of the scale such as a pan suspended on chains, or simply a hook that is used to "pick-up" the container of the commodity to be weighed. The technology employed may be mechanical, electro-mechanical, or electronic. The loads can be applied either manually or by such means as a crane.

Hopper scale—A scale designed for weighing individual loads of a bulk commodity (fish). The load receiver is a cylindrical or rectangular container mounted on a weighing element. The weighing element may be mechanical levers, a combination of levers and a load cell, or all load cells. The capacity can vary from less than 20 kg to greater than 50 mt. The loads are applied from a bulk source by such means as a conveyor or storage hopper. Each step of the weighing process, that is the loading and unloading of the weigh hopper, is controlled by an operator.

Indicator—That part of a scale that indicates the quantity that is being weighed.

Influence factor—A value of an influence quantity, e.g., 10° , that specifies the limits of the rated operating conditions of the scale.

Influence quantity—A quantity that is not the subject of the measurement but which influences the measurement obtained within the rated operating conditions of the scale.

Influence quantity and disturbance tests— Tests conducted in a laboratory to determine the capability of the scale under test to perform correctly in the environmental influences in which they are used and when subjected to certain disturbances that may occur during the use of the scale.

Initial verification—The first evaluation (inspection and test) of a production model of a weighing instrument that has been type evaluated to determine that the production model is consistent with the model that had been submitted for type evaluation.

Known weight test—A test in which the load applied is a test weight with a known value simulating the weight of the material that is usually weighed.

Load receiver—That part of the scale in which the quantity is placed when being weighed.

Material test—A test using a material that is the same or similar to the material that is usually weighed, the weight of which has been determined by a scale other than the scale under test.

Maximum flow-rate—The maximum flowrate of material specified by the manufacturer at which a belt scale can perform correctly.

Minimum flow-rate—The minimum flow-rate specified by the manufacturer at which a belt scale can perform correctly.

Minimum load—The smallest weight load that can be determined by the scale that is considered to be metrologically acceptable.

Minimum totalized load—The smallest weight load that can be determined by a belt scale that is considered to be metrologically acceptable.

Minimum weighment—The smallest weight that can be determined by a hopper scale that is considered to be metrologically acceptable.

Motion compensation—The means used to compensate for the motion of the vessel at sea.

No-load reference value—A weight value obtained by a hopper scale when the load receiver (hopper) is empty of the product that was or is to be weighed.

Non-repeatable weighment—A process where the product after being weighed is disposed of in such a manner that it cannot be retrieved to be reweighed.

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Number of scale divisions (n)—The number of scale divisions of a scale in normal operation. It is the quotient of the scale capacity divided by the value of the scale division. n=Max/d

Performance requirements—A part of the regulations or standards that applies to the weighing performance of a scale, e.g., MPEs.

Performance test—A test conducted to determine that the scale is performing within the MPE applicable.

Periodic verification—A verification of a weighing instrument at an interval that is specified by regulation or administrative ruling.

Platform scale—A scale by the nature of its physical size, arrangement of parts, and relatively small capacity (generally 220 kg or less) that is adapted for use on a bench or counter or on the floor. A platform scale can be self contained, that is, the indicator and load receiver and weighing elements are all comprised of a single unit, or the indicator can be connected by cable to a separate load receiver and weighing element. The technology used may be mechanical, electro-mechanical, or electronic. Loads are applied manually.

Rated capacity—The maximum flow-rate in terms of weight per unit time specified by the manufacturer at which a belt scale can perform correctly.

Scale division (d)—The smallest digital subdivision in units of mass that is indicated by the weighing instrument in normal operation.

Sealing—A method used to prevent the adjustment of certain operational characteristics or to indicate that adjustments have been made to those operational characteristics.

Security seals or means—A physical seal such as a lead and wire seal that must be broken in order to change the operating or performance characteristics of the scale, or a number generated by the scale whenever a change is made to an adjustable component. The number must be sequential and it must not be possible for the scale operator to alter it. The number must be displayed whenever the scale is turned on.

Significant fault-An error greater than the value specified for a particular scale. For a belt scale: A fault greater than 0.18 percent of the weight value equal to the minimum totalized load. For all other scales: 1 scale division (d). A significant fault does not include faults that result from simultaneous and mutually independent causes in the belt scale: faults that imply the impossibility of performing any measurement; transitory faults that are momentary variations in the indications that cannot be interpreted, memorized, or transmitted as a measurement result; faults so serious that they will inevitably be noticed by those interested in the measurement.

Simulated material test—A test in which the load applied is test material simulating the weight of the material that is usually weighed.

Simulated test—A test in which the weight indications are developed by means other than weight, e.g., a load cell simulator.

Stationary installation—An installation of a scale in a facility on land or a vessel that is tied-up to a dock or in dry dock.

Subsequent verification—Any evaluation of a weighing instrument following the initial verification.

Suitability for use—A judgement that must be made that certain scales by nature of their design are appropriate for given weighing applications.

Technical requirements—A part of the regulations or standards that applies to the operational functions and characteristics of a scale, e.g., capacity, scale division, tare.

Testing laboratory—A facility for conducting type evaluation examinations of a scale that can establish its competency and proficiency by such means as ISO Guide 25, ISO 9000, EN 45011, NVLAP, NTEP.

Type evaluation—A process for evaluating the compliance of a weighing instrument with the appropriate standard or regulation.

User requirements—A part of the regulations or standards that applies to the operator/owner of the scale.

Weighment—A single complete weighing operation.

ANNEX A OF APPENDIX A TO PART 679—

INFLUENCE QUANTITY AND DISTURBANCE TESTS

A.1 General—Included in this annex are tests that are intended to ensure that electronic scales can perform and function as intended in the environment and under the conditions specified. Each test indicates, where appropriate, the reference condition under which the intrinsic error is determined.

A.2 Test Considerations

A.2.1 All electronic scales of the same category must be subjected to the same performance test program.

A.2.2 Tests must be carried out on fully operational equipment in its normal operational state. When equipment is connected in other than a normal configuration, the procedure must be mutually agreed to by NMFS and the applicant.

A.2.3 When the effect of one factor is being evaluated, all other factors must be held relatively constant, at a value close to normal. The temperature is deemed to be relatively constant when the difference between the extreme temperatures noted during the test does not exceed 5 °C and the variation over time does not exceed 5 °C per hour.

A.2.4 Before the start of a test, the equipment under test (EUT) must be energized for a period of time at least equal to the warm-

up time specified by the manufacturer. The EUT must remain energized throughout the duration of the test.

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A.3 Tests

| | Test | Characteristics under test | Conditions ap- plied |
|---|---|---|------------------------------------|
| A.3.1 A.3.2 A.3.3 A.3.4 A.3.5 A.3.6 A.3.7 | Static temperatures Damp heat, steady state Power voltage variation | Influence factor Influence factor Disturbance Disturbance Disturbance Disturbance Disturbance | MPE MPE sf sf sf sf |

A.3 Tests

A.3.1 Static Temperatures

Test method: Dry heat (non condensing) and cold.

Object of the test: To verify compliance with the applicable MPE under conditions of high and low temperature.

Reference to standard: See Bibliography (1). Test procedure in brief: The test consists of exposure of the EUT to the high and low temperatures specified in section 2.2.4.1 for belt scales, section 3.2.4.1 for automatic hopper scales, and section 4.2.3.1 for platform scales and hanging scales, under "free air" condition for a 2-hour period after the EUT has reached temperature stability. The EUT must be tested during a weighing operation consisting of:

For belt scales—the totalization of the Σ_{min} , 2 times each at approximately the minimum flow rate, an intermediate flow rate, and the maximum flow rate.

For platform, hanging, and automatic hopper scales—tested with at least five different test loads or simulated loads under the following conditions:

a. At a reference temperature of 20 $^{\circ}\mathrm{C}$ following conditioning.

b. At the specified high temperature, 2 hours after achieving temperature stabilization.

c. At the specified low temperature, 2 hours after achieving temperature stabilization.

d. At a temperature of 5° C, 2 hours after achieving temperature stabilization.

e. After recovery of the EUT at the reference temperature of 20 °C.

Test severities: Duration: 2 hours.

Number of test cycles: At least one cycle.

Maximum allowable variations:

a. All functions must operate as designed. b. All indications must be within the applicable MPEs.

Conduct of test: Refer to the International Electrotechnical Commission (IEC) Publications mentioned in section A.4 Bibliography (a) for detailed test procedures.

Supplementary information to the IEC test procedures.

Preconditioning: 16 hours.

Condition of EUT: Normal power supplied and "on" for a time period equal to or greater than the warm-up time specified by the manufacturer. Power is to be "on" for the duration of the test. Adjust the EUT as close to a zero indication as practicable prior to the test.

Test Sequence:

a. Stabilize the EUT in the chamber at a reference temperature of 20° C. Conduct the tests as specified in the test procedure in brief and record the following data:

i. Date and time,

ii. Temperature,

iii. Relative humidity,

iv. Test load,

v. Indication,

vi. Errors, and

vii. Functions performance.

b. Increase the temperature in the chamber to the high temperature specified. Check by measurement that the EUT has reached temperature stability and maintain the temperature for 2 hours. Following the 2 hours, repeat the tests and record the test data indicated in this A.3.1 Test Sequence section.

c. Reduce the temperature in the chamber as per the IEC procedures to the specified low temperature. After temperature stabilization, allow the EUT to soak for 2 hours. Following the 2 hours, repeat the tests and record the test data as indicated in this A.3.1 Test Sequence section.

d. Raise the temperature in the chamber as per the IEC procedures to 5 °C. After temperature stabilization, allow the EUT to soak for 2 hours. Following the 2 hours, repeat the tests and record the test data as indicated in this A.3.1 Test Sequence section. NOTE: This test relates to a -10° C to $+40^{\circ}$ C range. For special ranges, it may not be necessary.

e. Raise the temperature in the chamber as per the IEC procedures and to the 20 °C reference temperature. After recovery, repeat the tests and record the test data as indicated in this A.3.1 Test Sequence section.

A.3.2 Damp Heat. Steady State

Test method: Damp heat, steady state.

Object of the test: To verify compliance with the applicable MPE under conditions of high humidity and constant temperature.

Reference to standard: See section A.4 Bibliography (b)

Test procedure in brief: The test consists of exposure of the EUT to a constant temperature at the upper limit of the temperature range and of a constant relative humidity of 85 percent for a 2-day period. The EUT must be tested during a weighing operation consisting of the following:

For belt scales—the totalization of the Σ_{min} , 2 times each at approximately the minimum flow rate, an intermediate flow rate, and the maximum flow rate.

For platform, hanging, and automatic hopper scales—tested with at least five different test loads or simulated loads at a reference temperature of 20 °C and a relative humidity of 50 percent following conditioning, and at the upper limit temperature and a relative humidity of 85 percent 2 days following temperature and humidity stabilization.

Test severities:

Temperature: upper limit. Humidity: 85 percent (non-condensing). Duration: 2 days.

Duration: 2 days. Number of test cycles: At least one test.

Maximum Allowable Variations:

a. All functions must operate as designed. b. All indications must be within the applicable MPE.

Conduct of the test: Refer to the IEC Publications mentioned in section A.4 Bibliography (b) for detailed test procedures.

Supplementary information to the IEC test procedures.

Preconditioning: None required.

Condition of EUT:

a. Normal power supplied and "on" for a time period equal to or greater than the warm-up time specified by the manufacturer. Power is to be "on" for the duration of the test.

b. The handling of the EUT must be such that no condensation of water occurs on the EUT.

c. Adjust the EUT as close to a zero indication as practicable prior to the test.

Test Sequence:

a. Allow 3 hours for stabilization of the EUT at a reference temperature of 20 $^{\circ}$ C and a relative humidity of 50 percent. Following stabilization, conduct the tests as specified in the test procedures in brief and record the following data:

i. Date and time,

ii. Temperature,

iii. Relative humidity,

iv. Test load.

v. Indication,

vi. Errors, and

vii. Functions performance.

b. Increase the temperature in the chamber to the specified high temperature and a relative humidity of 85 percent. Maintain the EUT at no load for a period of 2 days. Following the 2 days, repeat the tests and record the test data as indicated in this A.3.2 Test Sequence section.

c. Allow full recovery of the EUT before any other tests are performed.

A.3.3 Power Voltage Variation

A.3.3.1 AC Power Supply

Test method: Variation in AC mains power supply (single phase).

Object of the test: To verify compliance with the applicable MPEs under conditions of varying AC mains power supply.

Reference to standard: See section A.4 Bibliography (c).

Test procedure in brief: The test consists of subjecting the EUT to AC mains power during a weighing operation consisting of the following:

For belt scales—while totalizing the $\Sigma_{\rm min}$ at the maximum flow rate.

For platform, hanging, and automatic hopper scales—at no load and a test load between $50\,$

percent and 100 percent of weighing capacity. *Test severities*: Mains voltage:

Upper limit U (nom) +10 percent.

Lower limit U (nom) -15 percent.

Number of test cycles: At least one cycle.

Maximum allowable variations:

a. All functions must operate correctly.

b. All indications must be within MPEs specified in sections 2, 3, or 4 of this appendix to part 679.

Conduct of the test:

Preconditioning: None required.

Test equipment:

a. Variable power source,

b. Calibrated voltmeter, and

c. Load cell simulator, if applicable.

Condition of EUT:

a. Normal power supplied and "on" for a time period equal to or greater than the warm-up time specified by the manufacturer. b. Adjust the EUT as close to a zero indica-

tion as practicable prior to the test.

Test sequence:

a. Stabilize the power supply at nominal voltage ± 2 percent.

b. Conduct the tests specified in the test procedure in brief and record the following data:

i. Date and time,

ii. Temperature,

- iii. Relative humidity,
- iv. Power supply voltage,
- v. Test load,
- vi. Indications,

vii. Errors, and

viii. Functions performance.

c. Reduce the power supply to -15 percent nominal.

d. Repeat the test and record the test data as indicated in this A.3.3 Test Sequence section.

e. Increase the power supply to +10 percent nominal.

f. Repeat the test and record the test data as indicated in this A.3.3 Test Sequence section.

g. Unload the EUT and decrease the power supply to nominal power ± 2 percent.

h. Repeat the test and record the test data as indicated in this A.3.3 Test Sequence section.

NOTE: In case of three-phase power supply, the voltage variation must apply for each phase successively. Frequency variation applies to all phases simultaneously.

A.3.3.2 DC Power Supply

Under consideration.

A.3.4 Short Time Power Reduction

Test method: Short time interruptions and reductions in mains voltage.

Object of the test: To verify compliance with the applicable significant fault under conditions of short time mains voltage interruptions and reductions.

Reference to standard: See section A.4 Bibliography (d) IEC Publication 1000-4-11 (1994).

Test procedure in brief: The test consists of subjecting the EUT to voltage interruptions from nominal voltage to zero voltage for a period equal to 8-10 ms, and from nominal voltage to 50 percent of nominal for a period equal to 16-20 ms. The mains voltage interruptions and reductions must be repeated ten times with a time interval of at least 10 seconds. This test is conducted during a weighing operation consisting of the following:

For belt scales—while totalizing at the maximum flow rate at least the Σ_{min} (or a time sufficient to complete the test).

For platform, hanging, and automatic hopper scales—tested with one small test load or simulated load.

Test severities: One hundred percent voltage interruption for a period equal to 8–10 ms. Fifty percent voltage reduction for a period equal to 16–20 ms.

Number of test cycles: Ten tests with a minimum of 10 seconds between tests.

Maximum allowable variations: The difference between the weight indication due to the disturbance and the indication without the disturbance either must not exceed 1d or the EUT must detect and act upon a significant fault.

Conduct of the Test:

Preconditioning: None required.

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Test equipment:

a. A test generator suitable to reduce the amplitude of the AC voltage from the mains. The test generator must be adjusted before

connecting the EUT. b. Load cell simulator, if applicable.

Condition of EUT:

a. Normal power supplied and "on" for a time period equal to or greater than the warm-up time specified by the manufacturer.

b. Adjust the EUT as close to zero indication as practicable prior to the test.

Test sequence:

a. Stabilize all factors at nominal reference conditions.

b. Totalize as indicated in this A.3.4 Test Sequence section and record the—

i. Date and time, ii. Temperature.

iii. Relative humidity.

iv. Power supply voltage,

v. Test load,

vi. Indications.

vii. Errors, and

viii. Functions performance.

c. Interrupt the power supply to zero voltage for a period equal to 8-10 ms. During interruption observe the effect on the EUT and record, as appropriate.

d. Repeat the steps four times in this A.3.4 Test Sequence section, making sure that there is a 10 second interval between repetitions. Observe the effect on the EUT.

e. Reduce the power supply to 50 percent of nominal voltage for a period equal to 16-20 ms. During reduction observe the effect on the EUT and record, as appropriate.

f. Repeat the steps four times in this A.3.4 Test Sequence section, making sure that there is a 10 second interval between repetitions. Observe the effect on the EUT.

A.3.5 Bursts

Test method: Electrical bursts.

Object of the test: To verify compliance with the provisions in this manual under conditions where electrical bursts are superimposed on the mains voltage.

Reference to standard: See section A.4 Bibliography (e)

Test Procedure in brief:

The test consists of subjecting the EUT to bursts of double exponential wave-form transient voltages. Each spike must have a rise in time of 5 ns and a half amplitude duration of 50 ns. The burst length must be 15 ms, the burst period (repetition time interval) must be 300 ms. This test is conducted during a weighing operation consisting of the following:

For belt scales—while totalizing at the maximum flow rate at least the Σ_{min} (or a time sufficient to complete the test).

For platform, hanging, and automatic hopper scales—tested with one small test load or simulated load.

Test severities: Amplitude (peak value) 1000 V. $\,$

Number of test cycles: At least 10 positive and 10 negative randomly phased bursts must be applied at 1000 V.

Maximum allowable variations: The difference between the indication due to the disturbance and the indication without the disturbance either must not exceed the values given in sections 2.2.1.1b., 3.2.1.1b., and 4.2.1.1b, of this appendix, or the EUT must detect and act upon a significant fault.

Conduct of the test: Refer to the IEC Publication referenced in section A.4 Bibliography (e) for detailed test procedures.

Supplementary information to the IEC test procedures:

Test equipment:

A burst generator having an output impedance of 50 ohms.

Test conditions:

The burst generator must be adjusted before connecting the EUT. The bursts must be coupled to the EUT both on common mode and differential mode interference.

Condition of EUT:

a. Normal power supplied and "on" for a time period equal to or greater than the warm-up time specified by the manufacturer. b. Adjust the EUT as close to a zero indica-

tion as practicable prior to the test.

Test Sequence:

a. Stabilize all factors at nominal reference conditions.

b. Conduct the test as indicated in this A.3.5 Test Sequence section and record the i. Date and time.

ii. Temperature,

iii. Relative humidity,

iv. Test load.

v. Indication,

vi. Errors, and

vii. Functions performance.

c. Subject the EUT to at least 10 positive and 10 negative randomly phased bursts at the 1000 V mode. Observe the effect on the

EUT and record, as appropriate. d. Stabilize all factors at nominal reference conditions.

e. Repeat the test and record the test data as indicated in this A.3.5 Test Sequence section

A.3.6 Electrostatic Discharge

Test method: Electrostatic discharge (ESD). Object of the test: To verify compliance with the provisions of this manual under conditions of electrostatic discharges.

Reference to standard: See section A.4 Bibliography (f)

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Test procedure in brief:

A capacitor of 150 pF is charged by a suitable DC voltage source. The capacitor is then discharged through the EUT by connecting one terminal to ground (chassis) and the other via 150 ohms to surfaces which are normally accessible to the operator. This test is conducted during a weighing operation consisting of the following:

For belt scales—while totalizing at the maximum flow rate at least the Σ_{min} (or a time sufficient to complete the test).

For platform, hanging, and automatic hopper scales—test with one small test load or simulated load.

Test severities

Air Discharge: up to and including 8 kV. Contact Discharge: up to and including 6 kV.

Number of test cycles: At least 10 discharges must be applied at intervals of at least 10 seconds between discharges.

Maximum allowable variations:

The difference between the indication due to the disturbance and the indication without the disturbance either must not exceed the values indicated in sections 2.2.1.1 b., 3.2.1.1 b., and 4.2.1.1 b. of this appendix, or the EUT must detect and act upon a significant fault.

Conduct of the test: Refer to the IEC Publication mentioned in section A.4 Bibliography (d) for detailed test procedures.

Supplementary information to the IEC test procedures.

Preconditioning: None required.

Condition of EUT:

a. The EUT without a ground terminal must be placed on a grounded plate which projects beyond the EUT by at least 0.1 m on all sides. The ground connection to the capacitor must be as short as possible.

b. Normal power supplied and "on" for a time period equal to or greater than the warm-up time specified by the manufacturer. Power is to be "on" for the duration of the test.

c. The EUT must be operating under standard atmospheric conditions for testing.

d. Adjust the EUT as close to a zero indication as practicable prior to the test.

Test sequence:

a. Stabilize all factors at nominal reference conditions.

b. Conduct test as indicated in this A.3.6 Test Sequence section and record the—

i. Date and time,

ii. Temperature,

iii. Relative humidity,

iv. Power supply voltage,

v. Test load,

vi Indication

vii. Errors, and

ated).

viii. Functions performance.

c. Approach the EUT with the discharge electrode until discharge occurs and then remove it before the next discharge. Observe the effect of the discharge on the EUT and record, as appropriate.

d. Repeat the above step at least nine times, making sure to wait at least 10 seconds between successive discharges. Observe the effect on the EUT and record as appropriate.

e. Stabilize all factors at nominal reference conditions.

f. Repeat the test and record the test data as indicated in this A.3.6 Test Sequence section

A.3.7 Electromagnetic Susceptibility Test method: Electromagnetic fields (radi-

Object of the Test:

To verify compliance with the provisions in this manual under conditions of electromagnetic fields.

Reference to standard: See section A.4 Bibliography (g).

Test procedure in brief:

a. The EUT is placed in an EMI chamber and tested under normal atmospheric conditions. This test is first conducted at one load in a static mode, and the frequencies at which susceptibility is evident are noted. Then tests are conducted at the problem frequencies, if any, during a weighing operation consisting of the following:

For belt scales-while totalizing at the maximum flow rate at least the Σ_{min} (or a time sufficient to complete the test). It is then exposed to electromagnetic field strengths as specified in the Test severities in this section A.3.7 of this annex to appendix A of this part.

For platform, hanging, and automatic hopper scales-tested with one small test load.

b. The field strength can be generated in various ways:

i. The strip line is used at low frequencies (below 30 MHz or in some cases 150 MHz) for small EUT's;

ii. The long wire is used at low frequencies (below 30 MHz) for larger EUT's;

iii. Dipole antennas or antennas with circular polarization placed 1 m from the EUT are used at high frequencies.

c. Under exposure to electromagnetic fields the EUT is again tested as indicated above. Test severities: Frequency range: 26-1000 MHz.

Field strength: 3 V/m.

Modulation: 80 percent AM, 1 kHz sine wave.

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Number of test cucles: Conduct test by continuously scanning the specified frequency range while maintaining the field strength.

Maximum allowable variations: The dif-ference between the indication due to the disturbance and the indication without the disturbance either must not exceed the values given in this manual, or the EUT must detect and act upon a significant fault.

Conduct of the test: Refer to the IEC Publication referenced in section A.4 Bibliography (g) for detailed information on test procedures.

Supplementary information to the IEC test procedures.

Test conditions:

a. The specified field strength must be established prior to the actual testing (without the EUT in the field). At least 1 m of all external cables must be included in the exposure by stretching them horizontally from the EUT.

b. The field strength must be generated in two orthogonal polarizations and the frequency range scanned slowly. If antennas with circular polarization, i.e., log-spiral or helical antennas, are used to generate the electromagnetic field, a change in the position of the antennas is not required. When the test is carried out in a shielded enclosure to comply with international laws prohibiting interference to radio communications, care needs to be taken to handle reflections from the walls. Anechoic shielding might be necessary.

Condition of EUT:

a. Normal power supplied and "on" for a time period equal to or greater than the warm-up time specified by the manufacturer. Power is to be "on" for the duration of the test. The EUT must be operating under standard atmospheric conditions for testing.

b. Adjust the EUT as close to a zero indication as practicable prior to the test.

Test sequence:

a. Stabilize all factors at nominal reference conditions.

b. Conduct the test as indicated in this A.3.7 Test Sequence section and record the-

i. Date and time.

ii. Temperature.

iii. Relative humidity,

iv. Test load,

v. Indication.

vi. Errors, and vii. Functions performance.

c. Following the IEC test procedures, expose the EUT at zero load to the specified field strengths while slowly scanning the three indicated frequency ranges.

d. Observe and record the effect on the EUT.

e. Repeat the test and observe and record the effect.

f. Stabilize all factors at nominal reference conditions.g. Repeat the test and record the test data.

A.4 Bibliography

Below are references to Publications of the International Electrotechnical Commission (IEC), where mention is made in the tests in annex A to appendix A of this part.

a. IEC Publication 68-2-1 (1974): Basic environmental testing procedures. Part 2: Tests, Test Ad: Cold, for heat dissipating equipment under test (EUT), with gradual change of temperature.

IEC Publication 68-2-2 (1974): Basic environmental testing procedures, Part 2: Tests, Test Bd: Dry heat, for heat dissipating equipment under test (EUT) with gradual change of temperature.

IEC Publication 68-3-1 (1974): Background information, Section 1: Cold and dry heat tests.

b. IEC Publication 68-2-56 (1988): Environmental testing, Part 2: Tests, Test Cb: Damp heat, steady state. Primarily for equipment. IEC Publication 68-2-28 (1980): Guidance for

damp heat tests. c. IEC Publication 1000-4-11 (1994): Electro-

magnetic compatibility (EMC) Part 4: Testing and measurement techniques, Section 11. Voltage dips, short interruptions and voltage variations immunity tests. Section 5.2 (Test levels—Voltage variation). Section 8.2.2 (Execution of the test-voltage variation).

d. IEC Publication 1000-4-11 (1994): Electromagnetic compatibility (EMC) Part 4: Testing and measurement techniques, Section 11: Voltage dips, short interruptions and voltage variations immunity tests. Section 5.1 (Test levels—Voltage dips and short interruptions. Section 8.2.1 (Execution of the test-voltage dips and short interruptions) of the maximum transit speed and the range of operating speeds.

e. IEC Publication 1000–4–4 (1995): Electromagnetic compatibility (EMC) Part 4: Testing and measurement techniques—Section 4: Electrical fast transient/burst immunity test. Basic EMC publication.

f. IEC Publication 1000–4–2 (1995): Electromagnetic compatibility (EMC) Part 4: Testing and measurement techniques—Section 2: Electrostatic discharge immunity test. Basic EMC Publication.

g. IEC Publication 1000–4–3 (1995): Electromagnetic compatibility (EMC) Part 4: Testing and measurement techniques—Section 3: Radiated, radio-frequency electromagnetic field immunity test.

[63 FR 5845, Feb. 4, 1998, as amended at 65 FR 33783, May 25, 2000]

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Figure 1 to Part 679—Bering Sea and Aleutian Islands Statistical and Reporting Areas

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| | b. Coordinates |
|------|---|
| Code | Description |
| 300 | Russian waters. Those waters inside the Russian 200 mile limit as described in the current editions of NOAA chart INT 813 Bering Sea (Southern Part) and NOAA chart INT 814 Bering Sea (Northern Part). |
| 400 | Chukchi Sea. North of a diagonal line between 66°00' N, 169°42.5' W (Cape Dezhneva, Russia); and 65°37.5' N, 168°7.5' W (Cape Prince of Wales, Alaska) and to the limits of the U.S. EEZ as described in the current edition of NOAA chart INT 814 Bering Sea (Northern Part). |
| 508 | South of 58°00' N between the intersection of 58°00' N lat with the Alaska Peninsula and 160°00' W long. |
| 509 | South of 58°00' N lat between 163°00' W long and 165°00' W long. |
| 512 | South of 58°00' N lat, north of the Alaska Peninsula between 160°00' W long and 162°00' W long. |
| 513 | Between 58°00' N lat and 56°30' N lat, and between 165°00' W long and 170°00' W long. |
| 514 | North of 58°00′ N to the southern boundary of the Chukchi Sea, area 400, and east of 170°00′ W long. |
| 516 | South of 58°00' N lat, north of the Alaska Peninsula, and between 162°00' and 163°00' W long. |
| 517 | South of 56°30' N lat, between 165°00' W long and 170°00' W long; and north of straight lines between 54°30' N lat, 165°00' W long, 54°30' N lat, 167°00' W long, and 55°46' N lat, 167°00' W long. |
| 518 | Bogoslof District: South of a straight line between 55°46' N lat, 170°00' W long and 54°30' N lat, 167°00' W long, and between 167°00' W long and 170°00' W long, and north of the Aleutian Islands and straight lines between the islands connecting the following coordinates in the order listed: 52°49.18' N, 169°40.47' W, 52°49.24' N, 169°40.47' W, 52°49.24' N, 169°40.710' W, 53°18.95' N, 167°50.50' W, |
| 519 | South of a straight line between 54°30' N lat, 167°00' W long and 54°30' N lat, 164°54' W long; east of 167°00' W long; west of Unimak Island; and north of the Aleutian Islands and straight lines between the islands connecting the following coordinates in the order listed: 53°58.97' N, 166°16.50' W, 54°02.69' N, 166°02.93' W, 54°07.69' N, 165°38.29' W, 54°08.40' N, 165°38.29' W, 54°17.71' N, 165°23.09' W, 54°23.74' N, 165°23.09' W, |
| 521 | The area bounded by straight lines connecting the following coordinates in the order listed: 55°46' N, 170°00' W, 59°25' N, 179°20' W, 60°00' N, 171°00' W, 58°00' N, 171°00' W, 58°00' N, 170°00' W, |
| 523 | The area bounded by straight lines connecting the following coordinates in the order listed: 59°25' N, 179°20' W, 55°46' N, 170°00' W, 55°00' N, 170°00' W, 55°00' N, 180°00' W, and north to the limits of the US EEZ as described in the current edition of NOAA chart INT 813 Bering Sea (Southern Part). |
| 524 | The area west of 170°00' W bounded south by straight lines connecting the following coordinates in the order listed: 58°00' N, 170°00' W, 60°00' N, 171°00' W, 60°00' N, 171°00' W, 60°00' N, 179°20' W, 59°25' N, 179°20' W, and to the limits of the US EEZ as described in the current edition of NOAA chart INT 813 Bering Sea (Southern Part). |
| 530 | The area north of 55°00 N lat and west of 180°00 W long to the limits of the US EEZ as described in the current edi- tion of NOAA chart INT 813 Bering Sea (Southern Part). |
| 541 | Eastern Aleutian District. The area south of 55°00' N lat, west of 170°00' W long, and east of 177°00' W long and bounded on the south by the limits of the US EEZ as described in the current editions of NOAA chart INT 813 Bering Sea (Southern Part) and NOAA chart 530 (San Diego to Aleutian Islands and Hawaiian Islands). |
| 542 | Central Aleutian District. The area south of 55°00' N lat, west of 177°00' W long, and east of 177°00' E long and bounded on the south by the limits of the US EEZ as described in the current editions of NOAA chart INT 813 Bering Sea (Southern Part) and NOAA chart 530 (San Diego to Aleutian Islands and Hawaiian Islands). |
| 543 | Western Aleutian District. The area south of 55°00' N lat and west of 177°00' E long, and bounded on the south and west by the limits of the US EEZ as described in the current editions of NOAA chart INT 813 Bering Sea (Southern Part) and NOAA chart 530 (San Diego to Aleutian Islands and Hawaiian Islands). |
| 550 | Donut Hole. International waters of the Bering Sea outside the limits of the EEZ and Russian economic zone as de- picted on the current edition of NOAA chart INT 813 Bering Sea (Southern Part). |

Note: A statistical area is the part of a reporting area contained in the EEZ.

[64 FR 61983, Nov. 15, 1999; 65 FR 25290, May 1, 2000]

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FIGURE 2 TO PART 679—BSAI CATCHER VESSEL OPERATIONAL AREA

[64 FR 61985, Nov. 15, 1999]

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Figure 3 to Part $679\mbox{--}\mbox{Gulf}$ of Alaska Statistical and Reporting Areas



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b. Coordinates

| Code | Description |
|------|---|
| 610 | Western GOA Regulatory Area, Shumagin District. Along the south side of the Aleutian Islands, including those waters south of Nichols Point (54°51′30″ N lat) near False Pass, and straight lines between the islands and the Alaska Peninsula connecting the following coordinates in the order listed: 52°49.18′ N, 169°40.47′ W; 52°49.24′ N, 169°07.10′ W; 53°23.13′ N, 167°50.50′ W; 53°58.97′ N, 166°16.50′ W; 53°62.69′ N, 166°02.93′ W; 54°02.69′ N, 166°38.29′ W; 54°07.69′ N, 165°38.29′ W; 54°11.71′ N, 165°32.09′ W; 54°23.74′ N, 166°44.73′ W; and southward to the limits of the US EEZ as described in the current editions of NOAA chart INT 813 (Bering Sea, Southward to Unimak Pass), between |
| | 170°00' W long and 159°00' W long. |
| 620 | Central GOA Regulatory Area, Chirikof District. Along the south side of the Alaska Peninsula, between 159°00' W long and 154°00' W long, and southward to the limits of the US EEZ as described in the current edition of NOAA chart 500 (West Coast of North America, Dixon Entrance to Unimak Pass) except that all waters of the Alitak/Olga/ Deadman's/Portace Bav complex of Kodiak Island are included in this area. |
| 630 | Central GOA Regulatory Area, Kodiak District. Along the south side of continental Alaska, between 154°00' W long and 147°00' W long, and southward to the limits of the US EEZ as described in the current edition of NOAA chart 500 (West Coast of North America, Dixon Entrance to Unimak Pass) excluding all waters of the Alitak/Olga/ Deadman's/Portage Bay complex of Kodiak Island and Area 649. |
| 640 | Eastern GOA Regulatory Area West Yakutat District. Along the south side of continental Alaska, between 147°00' W long and 140°00' W long, and southward to the limits of the US EEZ, as described in the current edition of NOAA chart 500 (West Coast of North America, Dixon Entrance to Unimak Pass), excluding area 649. |
| 649 | Prince William Sound. Includes those waters of the State of Alaska inside the base line as specified in Alaska State regulations at 5 AAC 28.200. |
| 650 | Eastern GOA Regulatory Area, Southeast Outside District. East of 140°00' W long and southward to the limits of the US EEZ as described in the current edition of NOAA chart 500 (West Coast of North America, Dixon Entrance to Unimak Pass), excluding area 659. |
| 659 | Eastern GOA Regulatory Area, Southeast Inside District. As specified in Alaska State regulations at 5 AAC 28.105 (a)(1) and (2). |
| 690 | GOA Outside the U.S. EEZ. As described in the current editions of NOAA chart INT 813 (Bering Sea, Southern Part) and NOAA chart 500 (West Coast of North America, Dixon Entrance to Unimak Pass). |

NOTE: A statistical area is the part of a reporting area contained in the EEZ.

[64 FR 61987, Nov. 15, 1999; 65 FR 25291, May 1, 2000, as amended at 67 FR 4134, Jan. 28, 2002; 69 FR 21977, Apr. 23, 2004]

Pt. 679, Fig. 4





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b. Coordinates

| Name | Description and effective date |
|-----------------------------------|---|
| Summer Herring Savings Area 1. | That part of the Bering Sea subarea that is south of 57° N lat and between 162° and 164° W long from 1200 hours, A.I.t., June 15 through 1200 hours, A.I.t. July 1 of a fishing year. |
| Summer Herring Savings Area 2. | That part of the Bering Sea subarea that is south of 56°30" N lat and between 164° and 167° W long from 1200 hours, A.l.t., July 1 through 1200 hours, A.l.t. August 15 of a fishing year. |
| Winter Herring Savings Area | That part of the Bering Sea subarea that is between 58° and 60° N lat and between 172° and 175° W long from 1200 hours, A.l.t. September 1 of the current fishing year through 1200 hours, A.l.t. March 1 of the succeeding fishing year. |

[64 FR 61989, Nov. 15, 1999]

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FIGURE 5 TO PART 679—KODIAK ISLAND AREAS CLOSED TO NON-PELAGIC TRAWL GEAR



Alitak Flats and Towers Areas

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| Name and description of reference area | North latitude/West longitude | Beference point |
|--|--|--|
| | | |
| All waters of Alitak Flats and the Towers Areas | s enclosed by a line connecting | |
| | 56°50'// 15/°21'1" | |
| a | 50 59 4 154 51 1 | Low Cape. |
| D | 57 00 0 155 00 0 56°17′0″ 155°00′0″ | |
| d | 50 17 0 155 00 0 56°17′0″ 153°50′0″ | |
| ŭ | 50 17 0 153 52 0 | Cone Sillingly |
| e | 50 55 5 155 52 0 | Cape Sitkinak. |
| | 50-54 5 153-32 5 | East point of twoneaded Island. |
| g | 56°56'0" 153°35'5" | Kodiak Island, thence, along the coastline of Kodiak Island until intersection of Low Cape. |
| а | 56°59′4″ 154°31′1″ | Low Cape. |
| Marmot Flats Area | | |
| All waters enclosed by a line connecting the | e following five points in the | |
| clockwise order list | ed: | |
| а | 58°00′0″ 152°30′0″ | |
| b | 58°00′0″ 151°47′0″ | |
| c | 57°37′0″ 151°47′0″ | |
| d | 57°37′0″ 152°10′1″ | Cape Chiniak, then along the coastline of Ko- diak Island to North Cape. |
| е | 57°54′5″ 152°30′0″ | |
| а | 58°00′0″ 152°30′0″ | |
| Chirikof Island Area | | |
| All waters surrounding Chirikof Island enclose | sed by a line connecting the | |
| following four points in the counter-c | lockwise order listed: | |
| а | 56°07′0″ 155°13′0″ | |
| b | 56°07′0″ 156°00′0″ | |
| с | 55°41′0″ 156°00′0″ | |
| d | 55°41′0″ 155°13′0″ | |
| а | 56°07′0″ 155°13′0″ | |
| Barnabas Area | | |
| All waters enclosed by a line connecting the fol clockwise order list | lowing six points in the counter ed: | |
| a | 57°00′0″ 153°18′0″ | Black Point. |
| b | 56°56′0″ 153°09′0″ | |
| C | 57°22′0″ 152°18′5″ | South Tip of Ugak Island. |
| d | 57°23′5″ 152°17′5″ | North Tip of Ugak Island. |
| e | 57°25′3″ 152°20′0″ | Narrow Cape, thence, along the coastline of |
| f | 57°04'2" 153°30'0" | Kodiak Island Cape Kasick to Black Point, in- |
| а | 57°00′0″ 153°18′0″ | cluding inshore waters. |

[64 FR 61990, Nov. 15, 1999]





FIGURE 6 TO PART 679—LENGTH OVERALL OF VESSEL

[68 FR 23925, May 6, 2003]





Figure 7 to Part 679—Location of Trawl Gear Test Areas in the GOA and the $\rm BSAI$



[64 FR 61992, Nov. 15, 1999]

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```
b. Coordinates
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The Chinook Salmon Savings Area as defined in the following two areas of the BSAI: b. Coordinates (1) The area defined by straight lines connecting the following coordinates in the order listed: 54° 00' N., 171° 00' W.; 54° 00' N., 170° 00' W.; 53° 00' N., 170° 00' W.; 53° 00' N., 171° 00' W.; and 54° 00' N., 171° 00' W.

(2) The area defined by straight lines connecting the

following coordinates in the order listed:

56° 00' N., 165° 00' W.; 56° 00' N., 164° 00' W.; 55° 00' N., 164° 00' W.; 55° 00' N., 165° 00' W.; 54° 30' N., 165° 00' W.; 54° 30' N., 167° 00' W.; 55° 30' N., 167° 00' W.; 55° 30' N., 165° 00' W.; and 56° 00' N., 165° 00' W.

[65 FR 60588, Oct. 12, 2000]

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b. Coordinates

The CSSA is an area defined as that portion of the Bering Sea Subarea described by straight lines connecting the following coordinates in the order listed:

 $56^\circ00'\,\mathrm{N.}$ lat. $167^\circ00'\,\mathrm{W.}$ long.

| 56°00' N lat 165°00' W long |
|---------------------------------|
| JO 00 IN. 140. 105 00 W. 1011g. |
| 55°30' N. lat. 165°00' W. long. |
| 55°30' N. lat. 164°00' W. long. |
| 55°00' N. lat. 164°00' W. long. |
| 55°00' N. lat. 167°00' W. long. |
| 56°00' N. lat. 167°00' W. long. |
| [64 FR 61995, Nov. 15, 1999] |

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[64 FR 61997, Nov. 15, 1999]

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[64 FR 61998, Nov. 15, 1999]

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FIGURE 12 TO PART 679—NEARSHORE BRISTOL BAY TRAWL CLOSURE AREA





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b. Coordinates

The COBLZ is an area defined as that portion of the Bering Sea Subarea north of $56^{\circ}30'$ N. lat. that is west of a line connecting the following coordinates in the order listed:

56°30' N. lat., 165°00' W. long.

 $58^{\circ}00'$ N. lat., $165^{\circ}00'$ W. long. $59^{\circ}30'$ N. lat., $170^{\circ}00'$ W. long.

and north along $170^{\circ}00^{\prime}$ W. long. to its intersection with the U.S.-Russia Boundary.

[64 FR 62000, Nov. 15, 2000]
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[64 FR 62002, Nov. 15, 2000]

Pt. 679, Fig. 15





b. Coordinates

Area 2A includes all waters off the states of California, Oregon, and Washington;

 $\mathit{Area}\ 2B$ includes all waters off British Columbia;

Area 2C includes all waters off Alaska that are east of a line running 340° true from Cape

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Spencer Light (58°11'57" N. lat., 136°38'18" W. long.) and south and east of a line running 205° true from said light;

Area 3A includes all waters between Area 2C and a line extending from the most northerly point on Cape Aklek ($57^{\circ}41'15''$ N. lat., $155^{\circ}55'00''$ W. long.) to Cape Ikolik ($57^{\circ}17'17''$ N. lat., $154^{\circ}47'18''$ W. long.), then along the Kodiak Island coastline to Cape Trinity ($56^{\circ}44'50''$ N. lat., $154^{\circ}08'44''$ W. long.), then 140° true;

Area 3B includes all waters between Area 3A and a line extending 150° true from Cape Lutke $(54^{\circ}29'00''$ N. lat., $164^{\circ}20'00''$ W. long.) and south of $54^{\circ}49'00''$ N. lat. in Isanotski Strait;

Area 4A includes all waters in the GOA west of Area 3B and in the Bering Sea west of the closed area defined below that are east of $172^{\circ}00'00''$ W. long. and south of $56^{\circ}20'00''$ N. lat.;

Area 4B includes all waters in the Bering Sea and the GOA west of Area 4A and south of $56^{\circ}20'00''$ N. lat.;

Area 4C includes all waters in the Bering Sea north of Area 4A and north of the closed

[64 FR 62003, Nov. 15, 1999]

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area defined below which are east of $171^{\circ}00'00''$ W. long., south of $58^{\circ}00'00''$ N. lat., and west of $168^{\circ}00'00''$ W. long.;

Area 4D includes all waters in the Bering Sea north of Areas 4A and 4B, north and west of Area 4C, and west of 168°00'00" W. long.;

Area 4E includes all waters in the Bering Sea north and east of the closed area defined below, east of $168^{\circ}00'00''$ W. long., and south of $65^{\circ}34'00''$ N. lat.

Closed areas

All waters in the Bering Sea north of $54^{\circ}49'00''$ N. lat. in Isanotski Strait that are enclosed by a line from Cape Sarichef Light $(54^{\circ}36'00'' \text{ N. lat.}, 164^{\circ}55'42'' \text{ W. long.})$ to a point at $56^{\circ}20'00''$ N. lat., $168^{\circ}30'00 \text{ W. long.}$; thence to a point at $58^{\circ}21'25''$ N. lat., $163^{\circ}00'00''$ W. long.; thence to Strogonof Point ($56^{\circ}53'18''$ N. lat., $158^{\circ}50'37''$ W. long.); and then along the northern coasts of the Alaska Peninsula and Unimak Island to the point of origin at Cape Sarichef Light.

In Area 2A, all waters north of Point Chehalis, WA (46°53'18" N. lat.).

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Figure 16 to part $679\-$ Bering Sea Habitat Conservation Area



Figure 16 to Part 679--Bering Sea Habitat Conservation Area [73 FR 43371, July 25, 2008]

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Figure 17 to Part 679--Northern Bering Sea Research Area and St. Lawrence Island Habitat Conservation Area

[73 FR 43371, July 25, 2008]



Figure 18 to Part 679—Sitka Pinnacles Marine Reserve



Figure 18 to Part 679. Sitka Pinnacles Marine Reserve (area enclosed within rectangle).

a. Map

b. Coordinates

An area totaling 2.5 square nm off Cape $% \left({{{\left({{{{\left({{{c}} \right)}}} \right)}}}} \right)$ Edgecumbe, defined by straight lines con-

necting the following points in a counterclockwise manner: 56°55.5'N lat., 135°54.0'W long;

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 $56^\circ 57.0' N$ lat., $135^\circ 54.0' W$ long; $56^\circ 57.0' N$ lat., $135^\circ 57.0' W$ long;

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56°55.5'N lat., 135°57.0'W long. [65 FR 67308, Nov. 9, 2000]

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FIGURE 19 TO PART 679—SHELIKOF STRAIT CONSERVATION AREA



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[73 FR 43372, July 25, 2008]

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[71 FR 31107, June 1, 2006]

Pt. 679, Fig. 23

 $\tt EFFECTIVE DATE$ NOTE: At 71 FR 31107, June 1, 2006, Figure 22 to part 679 was added, effective July 3, 2006, through Dec. 31, 2010.



Figure 23 to Part 679—Salmon Management Area (see 679.2)

[69 FR 877, Jan. 7, 2004]

TABLE 1 TO PART 679—PRODUCT AND DELIVERY CODES

(These codes describe the condition of the fish at the point it is weighed and recorded)

| Product Description | Code |
|---|------|
| GENERAL USE CODES* | |
| Belly flaps. Flesh in region of pelvic and pectoral fins and behind head. (ancillary only) | 19 |
| Bled only. Throat, or isthmus, slit to allow blood to drain. | 03 |
| Bled fish destined for fish meal (includes offsite production) DO NOT RECORD ON PTR. | 42 |
| Bones (if meal, report as 32) (ancillary only). | 39 |
| Butterfly, no backbone. Head removed, belly slit, viscera and most of backbone removed; fillets at- tached. | 37 |
| Cheeks. Muscles on sides of head (ancillary only) | 17 |
| Chins. Lower jaw (mandible), muscles, and flesh (ancillary only) | 18 |
| Fillets, deep-skin. Meat with skin, adjacent meat with silver lining, and ribs removed from sides of body behind head and in front of tail, resulting in thin fillets. | 24 |
| Fillets, skinless/boneless. Meat with both skin and ribs removed, from sides of body behind head and in front of tail. | 23 |
| Fillets with ribs, no skin. Meat with ribs with skin removed, from sides of body behind head and in front of tail. | 22 |
| Fillets with skin and ribs. Meat and skin with ribs attached, from sides of body behind head and in front of tail. | 20 |
| Fillets with skin, no ribs. Meat and skin with ribs removed, from sides of body behind head and in front of tail. | 21 |
| Fish meal. Meal from whole fish or fish parts; in- cludes bone meal. | 32 |
| Fish oil. Rendered oil from whole fish or fish parts. Record only oil destined for sale and not oil stored or burned for fuel onboard. | 33 |
| Gutted, head on. Belly slit and viscera removed. | 04 |
| Head and gutted, with roe. | 06 |
| Headed and gutted, Western cut. Head removed just in front of the collar bone, and viscera removed. | 07 |
| Headed and gutted, Eastern cut. Head removed just behind the collar bone, and viscera removed. | 08 |
| Headed and gutted, tail removed. Head removed usually in front of collar bone, and viscera and tail removed. | 10 |
| Heads. Heads only, regardless where severed from body (ancillary only). | 16 |

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(These codes describe the condition of the fish at the point it is weighed and recorded)

| Product Description | Code |
|--|-----------------|
| Kirimi (Steak) Head removed either in front or be- hind the collar bone, viscera removed, and tail re- moved by cuts perpendicular to the spine, result- ing in a steak. | 11 |
| Mantles, octopus or squid. Flesh after removal of viscera and arms. | 36 |
| Milt. (in sacs, or testes) (ancillary only). | 34 |
| Minced. Ground flesh. | 31 |
| Other retained product. If product is not listed on this table, enter code 97 and write a description with product recovery rate next to it in paren- theses. | 97 |
| Pectoral girdle. Collar bone and associated bones, cartilage and flesh. | 15 |
| Roe. Eggs, either loose or in sacs, or skeins (ancil- lary only). | 14 |
| Salted and split. Head removed, belly slit, viscera removed, fillets cut from head to tail but remaining attached near tail. Product salted. | 12 |
| Stomachs. Includes all internal organs (ancillary only) | 35 |
| Surimi. Paste from fish flesh and additives | 30 |
| Whole fish/meal. Whole fish destined for meal (in- cludes offsite production.) DO NOT RECORD ON PTR. | 41 ¹ |
| Whole fish/food fish. | 011 |
| Whole fish/bait. Processed for bait. Sold | 02 |
| Wings. On skates, side fins are cut off next to body. | 13 |
| DISCARD/DISPOSITION CODES | |
| Whole fish/donated prohibited species. Number of Pacific salmon or Pacific halibut, otherwise re- quired to be discarded, that is donated to charity under a NMFS-authorized program. | 86 |
| Whole fish/onboard bait. Whole fish used as bait on board vessel. Not sold. | 921 |
| Whole fish/damaged. Whole fish damaged by ob- server's sampling procedures. | 93 ¹ |
| Whole fish/personal use, consumption. Fish or fish products eaten on board or taken off the ves- sel for personal use. Not sold or utilized as bait | 95 ¹ |
| Whole fish, discard, at sea. Whole groundfish and prohibited species discarded by catcher vessels, catcher/processors, motherships, or vessel buying stations. DO NOT RECORD ON PTR. | 98 |
| Whole fish, discard, infested. Flea-infested fish, parasite-infested fish. | 88 |
| Whole fish, discard, decomposed. Decomposed or previously discarded fish | 89 |

| (These | codes | describe | the | condition | of | the | fish | at | the | point | it |
|--------|-------|----------|------|------------|----|------|------|----|-----|-------|----|
| | | is we | ighe | ed and rec | or | ded) | | | | | |

| Product Description | Code |
|---|------|
| Whole fish, discard, onshore. Discard after deliv- ery and before processing by shoreside proc- essors, stationary floating processors and buying stations and in-plant discard of whole ground-fish and prohibited species during processing. DO | 00 |
| | 99 |
| PRODUCT DESIGNATION CODES | |
| Ancillary product. A product, such as meal, heads, internal organs, pectoral girdles, or any other product that may be made from the same fish as the primary product. | A |
| Primary product. A product, such as fillets, made from each fish, with the highest recovery rate. | Р |
| Reprocessed or rehandled product. A product, such as meal, that results from processing a pre- viously reported product or from rehandling a pre- viously reported product. | R |
| PACIFIC HALIBUT IFQ & CDQ CODES The fol- lowing codes are authorized for IFQ and CDQ re- porting of Pacific halibut. | |
| Gutted, head off. Belly slit and viscera removed. Pacific halibut only. | 05 |
| Gutted, head on. Belly slit and viscera removed. Pacific halibut. | 04 |
| The following codes are effective through December 31, 2001. | |
| Whole fish/food fish with ice & slime. Sablefish only. | 51 |
| Gutted , head on . Belly slit and viscera removed. Pacific halibut and sablefish. | 54 |
| Gutted, head off, with ice & slime. Belly slit and viscera removed. Pacific halibut only. | 55 |
| Headed and gutted, Western cut, with ice & slime. Sablefish only. | 57 |
| Headed and gutted, Eastern cut, with ice & slime. Sablefish only. | 58 |

 $^{\rm 1}\,\rm When$ using whole fish codes, record round weights not product weights, even if the whole fish is not used.

[67 FR 4137, Jan. 28, 2002]

Table 2a to Part 679—Species Codes: FMP GroundFish

| Species Description | Code |
|---|------|
| Atka mackerel (greenling) | 193 |
| Flatfish, miscellaneous (flatfish species without separate codes) | 120 |
| FLOUNDER | |
| Alaska plaice | 133 |
| Arrowtooth and/or Kamchatka | 121 |

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| Species Description | Code |
|---------------------------------------|------|
| Starry | 129 |
| Octopus | 870 |
| Pacific cod | 110 |
| Pollock | 270 |
| ROCKFISH | |
| Aurora (S. aurora) | 185 |
| Black (BSAI) (S. melanops) | 142 |
| Blackgill (S. melanostomus) | 177 |
| Blue (BSAI) (S. mystinus) | 167 |
| Bocaccio (S. paucispinis) | 137 |
| Canary (S. pinniger) | 146 |
| Chilipepper (S. goodei) | 178 |
| China (S. nebulosus) | 149 |
| Copper (S. caurinus) | 138 |
| Darkblotched (S. crameri) | 159 |
| Dusky (<i>S. ciliatus</i>) | 154 |
| Greenstriped (S. elongatus) | 135 |
| Harlequin (<i>S. variegatus</i>) | 176 |
| Northern (<i>S. polyspinis</i>) | 136 |
| Pacific ocean perch (S. alutus) | 141 |
| Pygmy (<i>S. wilsoni</i>) | 179 |
| Quillback (S. maliger) | 147 |
| Redbanded (S. babcocki) | 153 |
| Redstripe (S. proriger) | 158 |
| Rosethorn (S. helvomaculatus) | 150 |
| Rougheye (S. aleutianus) | 151 |
| Sharpchin (S. zacentrus) | 166 |
| Shortbelly (S. jordani) | 181 |
| Shortraker (S. borealis) | 152 |
| Silvergray (S. brevispinis) | 157 |
| Splitnose (S. diploproa) | 182 |
| Stripetail (S. saxicola) | 183 |
| Thornyhead (all Sebastolobus species) | 143 |
| Tiger (S. nigrocinctus) | 148 |
| Vermilion (S. miniatus) | 184 |
| Widow (S. entomelas) | 156 |
| Yelloweye (S. ruberrimus) | 145 |
| Yellowmouth (S. reedi) | 175 |

| Species Description | Code |
|---|------|
| Yellowtail (S. flavidus) | 155 |
| Sablefish (blackcod) | 710 |
| Sculpins | 160 |
| SHARKS | |
| Other (if salmon, spiny dogfish or Pacific sleeper shark - use specific species code) | 689 |
| Pacific sleeper | 692 |
| Salmon | 690 |
| Spiny dogfish | 691 |
| SKATES | |
| Big | 702 |
| Longnose | 701 |
| Other (if longnose or big skate - use specific species code) | 700 |
| SOLE | |
| Butter | 126 |
| Dover | 124 |
| English | 128 |
| Flathead | 122 |
| Petrale | 131 |
| Rex | 125 |
| Rock | 123 |
| Sand | 132 |
| Yellowfin | 127 |
| Squid | 875 |
| Turbot, Greenland | 134 |

[70 FR 75083, Dec. 19, 2005]

Table 2b to Part 679—Species Code: FMP Prohibited Species $\label{eq:species}$

| Species Description | Code |
|-----------------------------------|------|
| CRAB | |
| King, blue | 922 |
| King, golden (brown) | 923 |
| King, red | 921 |
| King, scarlet | 924 |
| Tanner, Bairdi (C. bairdí) | 931 |
| Tanner, grooved | 933 |
| Tanner, snow (<i>C. opilio</i>) | 932 |
| Tanner, triangle | 934 |

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| Species Description | Code |
|------------------------------------|------|
| Pacific halibut | 200 |
| Pacific herring (family Clupeidae) | 235 |
| SALMON | |
| Chinook | 410 |
| Chum | 450 |
| Coho | 430 |
| Pink | 440 |
| Sockeye | 420 |
| Steelhead trout | 540 |
| | |

[70 FR 75083, Dec. 19, 2005]

TABLE 2C TO PART 679—SPECIES CODES: FMP FORAGE FISH SPECIES (ALL SPECIES OF THE FOLLOWING FAMI-LIES)

| Species Description | Code |
|--|------|
| Bristlemouths, lightfishes, and anglemouths (family Gonostomatidae) | 209 |
| Capelin smelt (family <i>Osmeridae</i>) | 516 |
| Deep-sea smelts (family <i>Bathylagidae</i>) | 773 |
| Eulachon smelt (family Osmeridae) | 511 |
| Gunnels (family <i>Pholidae</i>) | 207 |
| Krill (order <i>Euphausiacea</i>) | 800 |
| Laternfishes (family <i>Myctophidae</i>) | 772 |
| Pacific sandfish (family Trichodontidae) | 206 |
| Pacific sand lance (family Ammodytidae) | 774 |
| Pricklebacks, war-bonnets, eelblennys, cockscombs and shannys (family Stichaeidae) | 208 |
| Surf smelt (family Osmeridae) | 515 |

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| TABLE 2d TO PART 679- | -Species Codes- | _ |
|-----------------------|-----------------|---|
| NON-FMP SPECIES | | |

| Species Description | Code |
|-------------------------|------|
| Abalone | 860 |
| Albacore | 720 |
| Arctic char, anadromous | 521 |
| CLAMS | |
| Butter | 810 |
| Cockle | 820 |
| Eastern softshell | 842 |

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| Species Description | Code |
|-----------------------------------|------|
| Geoduck | 815 |
| Little-neck | 840 |
| Razor | 830 |
| Surf | 812 |
| Coral | 899 |
| CRAB | |
| Box | 900 |
| Dungeness | 910 |
| Korean horsehair | 940 |
| Multispina (Paralomis multispina) | 951 |
| Verrilli (Paralomis verillii) | 953 |
| Dolly varden, anadromous | 531 |
| Eels or eel-like fish | 210 |
| Giant grenadier | 214 |
| GREENLING | |
| Kelp | 194 |
| Rock | 191 |
| Whitespot | 192 |
| Grenadier (rattail) | 213 |
| Jellyfish | 625 |
| Lamprey, Pacific | 600 |
| Lingcod | 130 |
| Lumpsucker | 216 |
| Mussel, blue | 855 |
| Pacific flatnose | 260 |

| Species Description | Code |
|-----------------------------|------|
| Pacific hagfish | 212 |
| Pacific hake | 112 |
| Pacific saury | 220 |
| Pacific tomcod | 250 |
| Prowfish | 215 |
| Rockfish, black (GOA) | 142 |
| Rockfish, blue (GOA) | 167 |
| Sardine, Pacific (pilchard) | 170 |
| Scallop, weathervane | 850 |
| Scallop, pink (or calico) | 851 |
| Sea cucumber | 895 |
| Sea urchin, green | 893 |
| Sea urchin, red | 892 |
| Shad | 180 |
| SHRIMP | |
| Coonstripe | 964 |
| Humpy | 963 |
| Northern (pink) | 961 |
| Sidestripe | 962 |
| Spot | 965 |
| Skilfish | 715 |
| Smelt, surf | 515 |
| Snails | 890 |
| Sturgeon, general | 680 |

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| | ROE 14 | 0.05 | 0.08 | 80.0 | 0.08 | 0.08 | 0.08 | 0.08 | 0.08 | | | : | 0.07 | | : | : | | | : | | | | |
|-------|--|-------------|---------------------|---------------|-----------|------------|----------|-----------------------|------------------|---------------------|----------|---------------|---------|--------|----------|---------|--------|--------|-----------|---------|-------|----------|---------------------------|
| | MINGS 13 | | | ; | ; | | ; | | : | : | : | : | : | ; | : | : | | 0.32 | : | . | ; | : | : |
| | 12 Salted & Split | 0.45 | : | : | : | | : | : | : | 1 | : | : | : | | : | . | , | | : | | | | |
| | וגוגואו וו | : | 0.48 | 0.48 | 0.48 | 0.48 | 0.48 | 0.48 | 0.48 | : | | | 0.25 | | | | | | | | | : | 1 |
| DE | ו0 א&ט אוג איס דאור | 0.44 | 0.62 | 0.62 | 0.62 | 0.62 | 0.62 | 0.62 | 0.62 | : | ; | ; | 0.50 | 1 | : | 1 | | | 0.50 | : | ; | ; | : |
| CT CO | H&G EASTERN CUT | 0.47 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.50 | 0.40 | 0.61 | 0.56 | 1 | 1 | | 1 | 0.32 | 0.63 | | | 0.50 | : |
| RODU | H&G WESTERN CUT 7 | 0.57 | 0.72 | 0.72 | 0.72 | 0.72 | 0.72 | 0.72 | 0.72 | 0.60 | 0.50 | 0.64 | 0.65 | 0.71 | 0.71 | 0.78 | 0.72 | 1 | 0.68 | 1 | 1 | 09.0 | : |
| | H&G WITH ROE | 0.63 | 0.80 | 0.80 | 0.80 | 0.80 | 0.80 | 0.80 | 0.80 | 0.55 | : | 0.67 | 0.70 | 1 | : | : | ; | ; | | : | | | : |
| | S GUTTED HEAD OFF (NET WEIGHT) | : | : | 1 | 1 | 1 | 1 | 1 | : | 1 | 1, | : | ; | 1 | ; | : | 1 | ! | : | : | 1 | : | 0.1 |
| | епттер нелр ом 4 | 0.85 | 0.90 | 0.90 | 0.90 | 0.90 | 0.90 | 0.90 | 0.90 | 0.88 | 0.87 | 0.87 | 0.80 | 0.82 | 0.82 | 0.89 | 0.83 | 06.0 | 0.89 | 0.81 | 0.69 | 0.88 | 0.90 |
| | 3' 45 3' 45 | 86.0 | 0.98 | 86.0 | 0.98 | 86.0 | 0.98 | 86.0 | 86.0 | 0.98 | 86.0 | 86.0 | 86:0 | 0.98 | 96.0 | 86.0 | . 0.98 | 86.0 | 0.98 | 0.98 | 86'0 | 0.98 | : |
| | MHOFE LIZH 1' 3' 41' 86' 33' 33' 32 | 1.00 | 1.00 | 0.1 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 00.1 | 1.00 | 1.00 | 1.00 | 1.00 | 00'1 | 1.00 | 1.00 | 1.00 | 00.1 | 00'1 | 1.00 | : |
| | Species Code | 110 | 121- | 13 | 123 | 124 | 125 | 127 | 12 | 2 | 160 | 193 | 270 | 510 | 511 | 516 | 689 | 700 | 710 | 870 | 875 | : | 300 |
| | FMP SPECIES | PACIFIC COD | ARROWTOOTH FLOUNDER | FLATHEAD SOLE | ROCK SOLE | DOVER SOLE | REX SOLE | YELLOWFIN SOLE | GREENLAND TURBOT | THORNYHEAD ROCKFISH | SCULPINS | ATKA MACKBRBL | POLLOCK | SMELTS | BULACHON | CAPELIN | SHARKS | SKATES | SABLEFISH | OCTOPUS | squid | ROCKFISH | FACIFIC HALIBUT et Weight |

| TABLE 3 TO PART 679—PRODUCT RECOVERY RATES FOR GROUNDFISH SPECIES AND |
|---|
| CONVERSION RATES FOR PACIFIC HALIBUT |

Pt. 679, Table 3

| | | | | | LKUDU | | ы | | |
|------------|---------|------------|-----------|------------|----------------|---------------|-------------------------------------|---|--------------------|
| ŝ | Species | WEVT 35 | OIF 33 | 34 MILT | STOMACHS 35 | MANTLES 36 | BYCKBONE KEWOAED BALLEKELA 33 | DECOMINOSED LISH IMLEZLED OK 88' 80 | DI2CVKD2 88' 88 |
| | <u></u> | 0.17 | 1 | 1 | 1 | 1 | 0.43 | 0.0 | 1.00 |
| DER | 121 | 0.17 | ŀ | : | ; | : | : | 0.00 | 1.00 |
| | 122 | 0.17 | 1 | : | ; | : | | 0.0 | 1.00 |
| | 123 | 6.17 | 1 | : | : | : | ; | 0.0 | 1.00 |
| | 124 | 0.17 | ; | : | ; | : | : | 0.0 | 1.00 |
| | 125 | 0.17 | ; | ; | : | : | 1 | 00.0 | 1 00 |
| | 127 | 0.17 | 1 | : | : | : | ; | 0.0 | 1.00 |
| | 134 | 0.17 | 1 | ; | i | : | ; | 0.0 | 1.00 |
| нs | 143 | 0.17 | 1 | | : | 1 | ; | 0.0 | 1.00 |
| | 160 | 0.17 | | : | : | : | ; | 0.0 | 1.00 |
| | 661 | 0.17 | 1 | : | : | : | ; | 0.0 | 1.00 |
| | 270 | 0.17 | 1 | ; | i | 1 | 0.43 | 0.0 | 1.00 |
| | 510 | 0.17 | 1 | 1 | | ; | ; | 0.00 | 1.00 |
| | 511 | 0.17 | 1 | : | : | 1 | 1 | 0.00 | 1.00 |
| | 516 | 0.17 | i | ; | : | 1 | | 0.00 | 1.00 |
| | 689 | 0.17 | : | ; | 1 | ; | : | 0.00 | 1.00 |
| | 700 | 0.17 | 1 | | 1 | 1 | 1 | 00:0 | 1.00 |
| | 710 | 0.17 | 1 | : | : | ; | ; | 0.0 | 1.00 |
| | 870 | 0.17 | 1 | : | 1 | 0.85 | ; | 00.0 | 1 00 |
| | 875 | 0.17 | : | : | : | 0.75 | ; | 0.0 | 1 00 |
| | 1 | : | 1 | 1 | : | ; | ; | 0.00 | 1.00 |
| /eight for | 200 | 1 | ł | ; | 1 | 1 | 1 | 0.0 | 0.75 |

 $[67\ {\rm FR}\ 4137,\ {\rm Jan.}\ 28,\ 2002,\ {\rm as}\ {\rm amended}\ {\rm at}\ 67\ {\rm FR}\ 46024,\ {\rm July}\ 11,\ 2002]$

Pt. 679, Table 4

| Table 4 to | PART 679- | -Steller | Sea | LION | PROTECTION | AREAS | POLLOCK | FISHERIES |
|------------|-----------|----------|------------------------|-------|------------|-------|---------|-----------|
| | | | $\mathbf{R}\mathbf{F}$ | STRIC | TIONS | | | |

| Column Number 1 | 2 | 3 | 4 | 5 | 6 | 7 |
|---|--|--|---|--|--|---|
| Site Name | Area or Subarea | Boundaries from Latitude | Boundaries from Longitude | Boundaries to ¹ Latitude | Boundaries to ¹ Lon- gitude | Pollock No- fishing Zones for Trawl Gear ^{2,8} (nm) |
| St. Lawrence I./S Punuk I. St. Lawrence I./SW Cape Hall I. St. Paul I./Sea Lion Rock St. Paul I./NE Pt. Walrus I. (Pribilofs) St. George I./Dalnoi Pt. St. George I./Dalnoi Pt. St. George I./S Rookery Cape Newenham Round (Walrus Islands) Attu I./Cape Wrangell Agattu I./Cape Wrangell Agattu I./Caipe Wrangell Agattu I./Chirikof Pt. Agattu I./Cape Sabak Alaid I. Shemya I. Buldir I. Kiska I./Cape St. Stephen Kiska I./Sobaka & Vega Kiska I./Sobaka & Vega Kiska I./Sirius Pt. Tanadak I. (Kiska) Segula I. Ayugadak Point Rat I./Krysi Pt. Little Sitkin I. | Bering Sea Bering Sea Bering Sea Bering Sea Bering Sea Bering Sea Bering Sea Bering Sea Bering Sea Bering Sea Aleutian I. Aleutian I. | 63 04.00 N 63 18.00 N 60 37.00 N 57 06.00 N 57 15.00 N 56 36.00 N 56 36.00 N 56 33.50 N 58 39.00 N 52 54.60 N 52 24.13 N 52 49.75 N 52 49.75 N 52 44.50 N 51 49.50 N 51 49.50 N 51 57.16 N 51 59.90 N 51 49.98 N 51 49.98 N 51 49.98 N | 168 51.00 W 171 26.00 W 173 00.00 W 170 17.50 W 170 06.50 W 169 56.00 W 169 40.00 W 169 40.00 W 162 10.50 W 159 58.00 W 172 27.90 E 173 21.31 E 173 21.31 E 173 21.31 E 173 51.50 E 174 08.70 E 175 54.03 E 177 19.00 E 177 19.00 E 177 20.41 E 177 36.50 E 178 05.80 E 178 05.80 E 178 12.35 E 178 24.30 E | 52 55.40 N 52 21.80 N 52 45.00 N 52 20.38 N 51 53.50 N 51 48.50 N 51 57.24 N 52 03.06 N | 172 27.20 E 173 41.40 E 173 56.50 E 175 53.85 E 177 12.00 E 177 20.53 E 177 20.53 E 178 08.80 E | 20 20 3 3 10 3 20 20 20 20 20 20 20 20 20 20 20 20 20 |
| Amchitka I./Column Rocks Amchitka I./East Cape Amchitka I./Cape Ivakin Semisopochnoi/Petrel Pt. Semisopochnoi I./Pochnoi | Aleutian I. Aleutian I. Aleutian I. Aleutian I. Aleutian I. | 51 32.32 N 51 22.26 N 51 24.46 N 52 01.40 N 51 57.30 N | 178 49.28 E 179 27.93 E 179 24.21 E 179 36.90 E 179 46.00 E | 51 22.00 N 52 01.50 N | 179 27.00 E 179 39.00 E | 20 20 20 20 20 |
| Amatignak I. Nitrof Pt. Unalga & Dinkum Rocks Ulak I./Hasgox Pt. Kavalga I. Tag I. Ugidak I. Gramp Rock Tanaga I./Bumpy Pt. Bobrof I. Kanaga I./Ship Rock Kanaga I./Ship Rock Kanaga I./North Cape Adak I. Little Tanaga Strait Great Sitkin I. Anagaksik I. Kasatochi I. Atka I./North Cape | Aleutian I. Aleutian I. | 51 13.00 N 51 33.67 N 51 18.90 N 51 34.50 N 51 34.50 N 51 34.50 N 51 34.95 N 51 28.87 N 51 55.00 N 51 46.70 N 51 46.70 N 51 35.50 N 51 35.50 N 51 35.50 N 51 49.09 N 52 06.00 N 51 50.86 N 52 24.20 N | 179 07.80 W 179 04.25 W 178 58.90 W 178 51.73 W 178 30.45 W 178 30.45 W 177 20.58 W 177 20.72 W 177 20.72 W 177 20.72 W 177 0.00 W 176 13.90 W 176 10.50 W 175 53.00 W 175 53.00 W 174 17.80 W | 51 35.09 N 51 18.70 N 51 34.50 N 51 55.00 N 51 37.40 N 52 06.60 N | 179 03.66 W 178 59.60 W 178 49.50 W 177 57.10 W 176 59.60 W 176 07.00 W | 20 20 20 20 20 20 20 20 20 20 20 20 20 2 |
| Amlia I./Sviech. Harbor ¹¹ Sagigik I. ¹¹ Amlia I./East ¹¹ Tanadak I. (Amlia ¹) Agligadak I. ¹¹ Seguam I./Saddleridge | Aleutian I. Aleutian I. AIX Aleutian I. Aleutian I. Aleutian I. | 52 01.80 N 52 00.50 N 52 05.70 N 52 04.20 N 52 06.09 N 52 21.05 N | 173 23.90 W 173 09.30 W 172 59.00 W 172 57.60 W 172 54.23 W 172 34.40 W | 52 05.75 N 52 21.02 N | 172 57.50 W 172 33.60 W | 20 20 20 20 20 20 20 |
| Pt. ¹¹ Seguam I./Finch Pt. Seguam I./South Side Amukta I. & Rocks Chagulak I. Yunaska I. Uliaga ³ Chuginadak Kagamil ³ Samalna | Aleutian I. Aleutian I. Aleutian I. Aleutian I. Aleutian I. Bering Sea Gulf of Alaska Bering Sea Gulf of Alaska | 52 23.40 N 52 21.60 N 52 27.25 N 52 34.00 N 52 41.40 N 53 04.00 N 52 46.70 N 53 02.10 N 53 06.00 N | 172 27.70 W 172 19.30 W 171 17.90 W 171 10.50 W 170 36.35 W 169 47.00 W 169 41.90 W 169 41.00 W | 52 23.25 N 52 15.55 N 53 05.00 N | 172 24.30 W 172 31.22 W 169 46.00 W | 20 20 20 20 20,10 20,10 20,10 |

| Column Number 1 | 2 | 3 | 4 | 5 | 6 | 7 |
|---------------------------------|-----------------|-----------------------------|------------------------------|--|--|--|
| Site Name | Area or Subarea | Boundaries from Latitude | Boundaries from Longitude | Boundaries to ¹ Latitude | Boundaries to ¹ Lon- gitude | Pollock No- fishing Zones for Trawl Gear ^{2,8} (nm) |
| Adugak I ³ | Bering Sea | 52 54 70 N | 169 10 50 W | | | 10 |
| Hmnak I /Cane Aslik3 | Bering Sea | 53 25 00 N | 168 24 50 W | | | BA |
| Oachul I | Gulf of Alaska | 52 59 71 N | 168 24 24 W | | | 20 |
| Bogoslof I /Fire I ³ | Boring Soo | 53 55 69 N | 168 02 05 W | | | RA BA |
| Polivnoj Bock | Gulf of Alaska | 53 15 96 N | 167 57 99 W | | | 20 |
| Emerald I | Gulf of Alaska | 53 17 50 N | 167 51 50 W | | | 20 |
| Unalaska/Cano Izigan | Gulf of Alaska | 53 13 64 N | 167 30 37 W | | | 20 |
| Unalaska/Cape Izigan | Boring Soo | 53 58 /0 N | 166 57 50 W | | | 10 |
| Akutan L/Roof-Java9 | Boring Sea | 54 09 10 N | 166 06 10 W | 54 00 10 N | 166 05 50 W | 10 |
| Unalaska L/Cane | Gulf of Alaska | 53 50 50 N | 166 05 00 W | 54 09.10 N | 100 03.30 W | 20 |
| Sodanka | Guil Of Alaska | 50 50.50 N | 100 03.00 W | | | 20 |
| Old Man Bocks ⁶ | Gulf of Alaska | 53 52 20 N | 166 04 90 W | | | 20 |
| Akutan L/Cane Morgan | Gulf of Alaska | 54 03 39 N | 165 59 65 W | 54 03 70 N | 166 03 68 W | 20 |
| Akun I /Billings Head9 | Boring Soo | 54 17 62 N | 165 32 06 W | 54 17 57 N | 165 31 71 W | 10 |
| Bootok ⁶ | Gulf of Alaska | 54 03 90 N | 165 31 90 W | 54 02 90 N | 165 29 50 W | 20 |
| Tanginak 16 | Gulf of Alaska | 54 12 00 N | 165 19 /0 W | 34 02.30 N | 105 25.50 W | 20 |
| Tigalda/Bocks NE6 | Gulf of Alaska | 54 09 60 N | 164 59 00 W | 54 09 12 N | 164 57 18 W | 20 |
| Unimak/Cane Sarichef9 | Bering Sea | 54 34 30 N | 164 56 80 W | 04 00.12 14 | | 10 |
| Aiktak6 | Gulf of Alaska | 54 10 99 N | 164 51 15 W | | | 20 |
| Llaamak L 6 | Gulf of Alaska | 54 13 50 N | 164 47 50 W | 54 12 80 N | 164 47 50 W | 20 |
| Bound (GOA) ⁶ | Gulf of Alaska | 54 12 05 N | 164 46 60 W | 34 12.00 N | 104 47.50 10 | 20 |
| Sea Lion Bock (Amak)9 | Boring Soo | 55 27 82 N | 163 12 10 W | | | 10 |
| Amak L And rocks ⁹ | Bering Sea | 55 24 20 N | 163 09 60 W | 55 26 15 N | 163 08 50 W | 10 |
| Bird I | Gulf of Alaska | 54 40 00 N | 163 17 2 W | 00 20.10 1 | 100 00.00 11 | 10 |
| Caton I | Gulf of Alaska | 54 22 70 N | 162 21 30 W | | | 3 |
| South Bocks | Gulf of Alaska | 54 18 14 N | 162 41 3 W | | | 10 |
| Clubbing Bocks (S) | Gulf of Alaska | 54 41 98 N | 162 26 7 W | | | 10 |
| Clubbing Bocks (N) | Gulf of Alaska | 54 42 75 N | 162 26 7 W | | | 10 |
| Pinnacle Rock | Gulf of Alaska | 54 46 06 N | 161 45 85 W | | | 3 |
| Sushilnoi Bocks | Gulf of Alaska | 54 49 30 N | 161 42 73 W | | | 10 |
| Olga Bocks | Gulf of Alaska | 55 00 45 N | 161 29 81 W | 54 59 09 N | 161 30 89 W | 10 |
| Jude I | Gulf of Alaska | 55 15 75 N | 161 06 27 W | 04 00.00 1 | | 20 |
| Sea Lion Bocks | Gulf of Alaska | 55 04 70 N | 160 31 04 W | | | 3 |
| (Shumagins) | Guil Of Alaska | 55 0 4 .70 N | 100 01.04 W | | | 5 |
| Nagai I /Mountain Pt | Gulf of Alaska | 54 54 20 N | 160 15 /0 W | 54 56 00 N | 160 15 00 W | 3 |
| The Whaleback | Gulf of Alaska | 55 16 82 N | 160 05 04 W | 34 30.00 N | 100 13.00 W | 3 |
| Chernabura I | Gulf of Alaska | 54 45 18 N | 159 32 99 W | 54 45 87 N | 159 35 74 W | 20 |
| Castle Bock | Gulf of Alaska | 55 16 47 N | 150 20 77 W | 34 43.07 N | 155 55.74 1 | 3 |
| Atking I | Gulf of Alaska | 55 03 20 N | 159 17 /0 W | | | 20 |
| Spitz I | Gulf of Alaska | 55 46 60 N | 158 53 90 W | | | 3 |
| Mitrofania | Gulf of Alaska | 55 50 20 N | 158 /1 90 W | | | 3 |
| Kak | Gulf of Alaska | 56 17 30 N | 157 50 10 W | | | 20 |
| Lighthouse Bocks | Gulf of Alaska | 55 46 79 N | 157 24 89 W | | | 20 |
| Sutwik I | Gulf of Alaska | 56 31 05 N | 157 20 47 W | 56.32.00 N | 157 21 00 W | 20 |
| Chowiet I | Gulf of Alaska | 56 00 54 N | 156 /1 /2 W | 55 00 30 N | 156 /1 60 W | 20 |
| Nagai Bocks | Gulf of Alaska | 55 49 80 N | 155 47 50 W | 00 00.00 1 | 100 41.00 11 | 20 |
| Chirikof I | Gulf of Alaska | 55 46 50 N | 155 39 50 W | 55 46 44 N | 155 43 46 W | 20 |
| Puale Bay ¹² | Gulf of Alaska | 57 40 60 N | 155 23 10 W | 00 10.11 1 | 100 40.40 11 | 3 10 |
| Kodiak/Cape Ikolik | Gulf of Alaska | 57 17 20 N | 154 47 50 W | | | 3 |
| Takli I | Gulf of Alaska | 58 01 75 N | 154 31 25 W | | | 10 |
| Cape Kuliak | Gulf of Alaska | 58 08 00 N | 154 12 50 W | | | 10 |
| Cape Gull | Gulf of Alaska | 58 11 50 N | 154 09 60 W | 58 12 50 N | 154 10 50 W | 10 |
| Kodiak/Cane Lloat | Gulf of Alaska | 57 52 /1 N | 153 50 97 W | 00 12.00 1 | 104 10.00 11 | 10 |
| Sitkinak/Cane Sitkinak | Gulf of Alaska | 56 34 30 N | 153 50 96 W | | | 10 |
| Shakun Bock | Gulf of Alaska | 58 32 80 N | 153 41 50 W | | | 10 |
| Twoheaded I | Gulf of Alaska | 56 54 50 N | 153 32 75 W | 56 53 90 N | 153 33 74 W | 10 |
| Cape Douglas (Shaw L)12 | Gulf of Alaska | 59 00 00 N | 153 22 50 W | | | 20 10 |
| Kodjak/Cape Barnabas | Gulf of Alaska | 57 10.20 N | 152 53.05 W | | | 3 |
| Kodiak/Gull Point4 | Gulf of Alaska | 57 21 45 N | 152 36 30 W | | | 10.3 |
| Latax Bocks | Gulf of Alaska | 58 40 10 N | 152 31 30 W | | | 10 |
| Ushagat I /SW | Gulf of Alaska | 58 54 75 N | 152 22 20 W | | | 10 |
| Ugak I 4 | Gulf of Alaska | 57 23 60 N | 152 17 50 W | 57 21 90 N | 152 17 40 W | 10.3 |
| Sea Otter I | Gulf of Alaska | 58 31 15 N | 152 13 30 W | 57 E 1.50 N | | 10 |
| | Gulf of Alaska | 57 46 82 N | 152 12 90 W | | | 10 |
| Sud I | Gulf of Alaska | 58 54 00 N | 152 12 50 W | | | 10 |
| Kodiak/Cape Chiniak | Gulf of Alacka | 57 37 90 N | 152 08 25 W | | | 10 |
| Sugarloaf I | Gulf of Alaska | 58 53 25 N | 152 02 40 W | | | 20 |
| Sea Lion Rocks (Marmot) | Gulf of Alaska | 58 20.53 N | 151 48.83 W | | | 10 |
| | | | | • | | |

Pt. 679, Table 4

| Column Number 1 | 2 | 3 | 4 | 5 | 6 | 7 |
|---------------------------------|-----------------|-----------------------------|------------------------------|-------------------------------------|--|--|
| Site Name | Area or Subarea | Boundaries from Latitude | Boundaries from Longitude | Boundaries to ¹ Latitude | Boundaries to ¹ Lon- gitude | Pollock No- fishing Zones for Trawl Gear ^{2,8} (nm) |
| Marmot I.5 | Gulf of Alaska | 58 13.65 N | 151 47.75 W | 58 09.90 N | 151 52.06 W | 15,20 |
| Nagahut Rocks | Gulf of Alaska | 59 06.00 N | 151 46.30 W | | | 10 |
| Perl | Gulf of Alaska | 59 05.75 N | 151 39.75 W | | | 10 |
| Gore Point | Gulf of Alaska | 59 12.00 N | 150 58.00 W | | | 10 |
| Outer (Pye) I. | Gulf of Alaska | 59 20.50 N | 150 23.00 W | 59 21.00 N | 150 24.50 W | 20 |
| Steep Point | Gulf of Alaska | 59 29.05 N | 150 15.40 W | | | 10 |
| Seal Rocks (Kenai) | Gulf of Alaska | 59 31.20 N | 149 37.50 W | | | 10 |
| Chiswell Islands | Gulf of Alaska | 59 36.00 N | 149 34.00 W | | | 10 |
| Rugged Island | Gulf of Alaska | 59 50.00 N | 149 23.10 W | 59 51.00 N | 149 24.70 W | 10 |
| Point Elrington ^{7,10} | Gulf of Alaska | 59 56.00 N | 148 15.20 W | | | 20 |
| Perry I. ⁷ | Gulf of Alaska | 60 44.00 N | 147 54.60 W | | | |
| The Needle ⁷ | Gulf of Alaska | 60 06.64 N | 147 36.17 W | | | |
| Point Eleanor ⁷ | Gulf of Alaska | 60 35.00 N | 147 34.00 W | | | |
| Wooded I. (Fish I.) | Gulf of Alaska | 59 52.90 N | 147 20.65 W | | | 20 |
| Glacier Island ⁷ | Gulf of Alaska | 60 51.30 N | 147 14.50 W | | | |
| Seal Rocks (Cordova)10 | Gulf of Alaska | 60 09.78 N | 146 50.30 W | | | 20 |
| Cape Hinchinbrook ¹⁰ | Gulf of Alaska | 60 14.00 N | 146 38.50 W | | | 20 |
| Middleton I. | Gulf of Alaska | 59 28.30 N | 146 18.80 W | | | 10 |
| Hook Point ¹⁰ | Gulf of Alaska | 60 20.00 N | 146 15.60 W | | | 20 |
| Cape St. Elias | Gulf of Alaska | 59 47.50 N | 144 36.20 W | | | 20 |

¹Where two sets of coordinates are given, the baseline extends in a clock-wise direction from the first set of geographic co-ordinates along the shoreline at mean lower-low water to the second set of coordinates. Where only one set of coordinates is listed, that location is the base point. ²Closures as stated in 50 CFR 679.22(a)(7)(iv), (a)(8)(ii) and (b)(2)(ii). ³This site lies within the Bogoslof area (BA). The BA consists of all waters of area 518 as described in Figure 1 of this part south of a straight line connecting 55°00' N/170°00' W, and 55°00' N/168°11′4.75'' W. Closure to directed fishing for pollock around Uliaga and Kagamil is 20 mm for waters west of 170° W long, and 10 nm for waters east of 170° W long. ⁴The traw closure between 0 nm to 10 nm is effective from January 20 through May 31. Trawl closure between 0 nm to 3 nm is effective from Anount 25 through November 1

⁵Trawl closure between 0 mm to 15 mm is effective from January 20 through May 31. Trawl closure between 0 mm to 3 mm is effective from January 20 through May 31. Trawl closure between 0 nm to 20 nm is effective from August 25 to November 1.
 ⁶Restriction area includes only waters of the Gulf of Alaska Area.

⁷Contact the Alaska Department of Fish and Game for fishery restrictions at these sites. ⁸No-fishing zones are the waters between 0 nm and the nm specified in column 7 around each site and within the BA.

This site is located in the Bering Sea Pollock Restriction Area, closed to pollock travling during the A season. This area con-sists of all waters of the Bering Sea subarea south of a line connecting the points 163°0'00' W long./55°46'30' N lat., 165°08'00' W long./54°42'2'' N lat., 165°40'00' long./54°26'30'' N lat., 166°12'00'' W long./54°8'40'' N lat., and 167°0'00'' W long./54°8'50'' N lat.

The 20 nm closure around this site is effective in federal waters outside of State of Alaska waters of Prince William Sound.

¹¹Some or all of the restricted area is located in the Sequam Foraging area (SFA) which is closed to all gears types. The SFA is established as all waters within the area between 52° N lat. and 53° N lat. and between 173°30′ W long. and 172°30′ W long. ¹²The 3 nm trawl closure around Puale Bay and the 20 nm trawl closure around Cape Douglas/Shaw I. are effective January 20 through May 31. The 10 nm trawl closure around Puale Bay and the 10 nm trawl closure around Cape Douglas/Shaw I. are effective August 25 through November 1.

[69 FR 75867, Dec. 20, 2004]

50 CFR Ch. VI (10-1-08 Edition)

TABLE 5 TO PART 679—STELLER SEA LION PROTECTION AREAS PACIFIC COD FISHERIES RESTRICTIONS

| Table 5 to 50 CFR Par | t 679 | Steller Se | ea Lion Pr | otection A | rreas Pacif | ic Cod Fis | heries Res | trictions | |
|--|---------|------------|-------------|------------|----------------------|--|---|---|--|
| Column Number 1 | 2 | 3 | 4 | 5 | 9 | 7 | ω | 6 | |
| omen of io | Area or | Boundar | ies from | Boundaı | ries to ¹ | Pacific Cod No-fishing Zones for | Pacific Cod No-fishing Zone for | Pacific Cod No- fishing | |
| ט אַ כמוות | Subarea | Latitude | Longitude | Latitude | Longitude | Trawl Gear ^{2,3} (nm) | Hook-and- Line Gear ^{2,3} (nm) | Zone for Pot Gear ^{2,3} (nm) | |
| St. Lawrence I./S Punuk I. | BS | 63 04.00 N | 168 51.00 W | | | 20 | 20 | 20 | |
| St. Lawrence I./SW Cape | BS | 63 18.00 N | 171 26.00 W | | | 20 | 20 | 20 | |
| Hall I. | BS | 60 37.00 N | 173 00.00 W | | | 20 | 50 | 20 | |
| St. Paul I./Sea Lion Rock | BS | 57 06.00 N | 170 17.50 W | | | ю | m | m | |
| St. Paul I./NE Pt. | BS | 57 15.00 N | 170 06.50 W | | | ĸ | m | M | |
| Walrus I. (Pribilofs) | BS | 57 11.00 N | 169 56.00 W | | | 10 | m | m | |
| St George I./Dalnoi Pt. | BS | 56 36.00 N | 169 46.00 W | | | m | m | m | |
| St. George I./S. Rookery | BS | 56 33.50 N | 169 40.00 W | | | ю | m | m | |
| Cape Newenham | BS | 58 39.00 N | 162 10.50 W | | | 20 | 20 | 20 | |
| Round (Walrus Islands) | BS | 58 36.00 N | 159 58.00 W | | | 20 | 20 | 20 | |
| Attu I./Cape Wrangell ¹¹ | AI | 52 54.60 N | 172 27.90 E | 52 55.40 N | 172 27.20 E | 20, 10 | m | m | |
| Agattu I./Gillon Pt. ¹¹ | AI | 52 24.13 N | 173 21.31 E | | | 20, 10 | m | m | |
| Attu I./Chirikof Pt. ¹¹ | AI | 52 49.75 N | 173 26.00 E | | | 20, 3 | | | |
| Agattu I./Cape Sabak ¹¹ | AI | 52 22.50 N | 173 43.30 E | 52 21.80 N | 173 41.40 E | 20, 10 | m | m | |
| Alaid I. ¹¹ | AI | 52 46.50 N | 173 51.50 E | 52 45.00 N | 173 56.50 E | 20, 3 | | | |
| Shemya I. ¹¹ | AI | 52 44.00 N | 174 08.70 E | | | 20, 3 | | | |
| Buldir I. ¹¹ | AI | 52 20.25 N | 175 54.03 E | 52 20.38 N | 175 53.85 E | 20, 10 | 10 | 10 | |
| Kiska I./Cape St. Stephen ¹¹ | AI | 51 52.50 N | 177 12.70 E | 51 53.50 N | 177 12.00 E | 20, 10 | m | m | |
| Kiska I. Sobaka & Vega ¹¹ | AI | 51 49.50 N | 177 19.00 E | 51 48.50 N | 177 20.50 E | 20, 3 | | | |
| Kiska I./Lief Cove ¹¹ | AI | 51 57.16 N | 177 20.41 E | 51 57.24 N | 177 20 53 E | 01 00 | ~ | ſ | |

Pt. 679, Table 5

| Column Number 1 | 2 | e | 4 | ſ | v | - | α | σ |
|---|---------|------------|-------------|------------|---------------------|--|---|---|
| our of the | Area or | Boundar | ies from | Boundar | ies to ¹ | Pacific Cod No-fishing Zones for | Pacific Cod No-fishing Zone for | Pacific Cod No- fishing |
| OTCE NAME | Subarea | Latitude | Longitude | Latitude | Longitude | Trawl Gear ^{2,3} (nm) | Hook-and- Line Gear ^{2,3} (nm) | Zone for Pot Gear ^{2,3} (nm) |
| Kiska I./Sirius Pt. ¹¹ | AI | 52 08.50 N | 177 36.50 E | | | 20, 3 | | |
| Tanadak I. (Kiska) ¹¹ | AI | 51 56.80 N | 177 46.80 E | | | 20, 3 | | |
| Segula I. ¹¹ | AI | 51 59.90 N | 178 05.80 E | 52 03.06 N | 178 08.80 E | 20, 3 | | |
| Ayugadak Point ¹¹ | AI | 51 45.36 N | 178 24.30 E | | | 20, 10 | m | m |
| Rat I./Krysi Pt. ¹¹ | AI | 51 49.98 N | 178 12.35 E | | | 20, 3 | | |
| Little Sitkin I. ¹¹ | AI | 51 59.30 N | 178 29.80 E | | | 20, 3 | | |
| Amchitka I./Column ¹¹ | AI | 51 32.32 N | 178 49.28 E | | | 20, 10 | т | m |
| Amchitka I./East Cape ¹¹ | AI | 51 22.26 N | 179 27.93 E | 51 22.00 N | 179 27.00 E | 20,10 | m | м |
| Amchitka I./Cape Ivakin ¹¹ | AI | 51 24.46 N | 179 24.21 E | | | 20, 3 | | |
| Semisopochnoi/Petrel Pt. ¹¹ | AI | 52 01.40 N | 179 36.90 E | 52 01.50 N | 179 39.00 E | 20, 10 | т | м |
| Semisopochnoi I./Pochnoi Pt. ¹¹ | AI | 51 57.30 N | 179 46.00 E | | | 20, 10 | m | m |
| Amatignak I./Nitrof Pt. ¹¹ | AI | 51 13.00 N | 179 07.80 W | | | 20, 3 | | |
| Unalga & Dinkum Rocks ¹¹ | AI | 51 33.67 N | 179 04.25 W | 51 35.09 N | 179 03.66 W | 20, 3 | | |
| Ulak I./Hasgox Pt. ¹¹ | AI | 51 18.90 N | 178 58.90 W | 51 18.70 N | 178 59.60 W | 20, 10 | ю | m |
| Kavalga I. ¹¹ | AI | 51 34.50 N | 178 51.73 W | 51 34.50 N | 178 49.50 W | 20, 3 | | |
| Tag I. ¹¹ | AI | 51 33.50 N | 178 34.50 W | | | 20, 10 | m | m |
| Ugidak I. ¹¹ | AI | 51 34.95 N | 178 30.45 W | | | 20, 3 | | |
| Gramp Rock ¹¹ | AI | 51 28.87 N | 178 20.58 W | | | 20, 10 | ю | m |
| Tanaga I./Bumpy Pt. ¹¹ | AI | 51 55.00 N | 177 58.50 W | 51 55.00 N | 177 57.10 W | 20,3 | | |
| Bobrof I. | AI | 51 54.00 N | 177 27.00 W | | | e | | |
| Kanaga I./Ship Rock | AI | 51 46.70 N | 177 20.72 W | | | e | | |

| Column Number 1 | 2 | 3 | 4 | 5 | 9 | 7 | ω | 6 |
|--------------------------------------|---------|------------|-------------|------------|----------------------|--|---|---|
| Citto Mamo | Area or | Boundar: | ies from | Boundaı | ries to ¹ | Pacific Cod No-fishing Zones for | Pacific Cod No-fishing Zone for | Pacific Cod No- fishing |
| OTCE NAME | Subarea | Latitude | Longitude | Latitude | Longitude | Trawl Gear ^{2,3} (nm) | Hook-and- Line Gear ^{2,3} (nm) | Zone for Pot Gear ^{2,3} (nm) |
| Kanaga I./North Cape | AI | 51 56.50 N | 177 09.00 W | | | е | | |
| Adak I. | AI | 51 35.50 N | 176 57.10 W | 51 37.40 N | 176 59.60 W | 10 | m | e |
| Little Tanaga Strait | AI | 51 49.09 N | 176 13.90 W | | | ю | | |
| Great Sitkin I. | AI | 52 06.00 N | 176 10.50 W | 52 06.60 N | 176 07.00 W | ю | | |
| Anagaksik I. | AI | 51 50.86 N | 175 53.00 W | | | e | | |
| Kasatochi I. | AI | 52 11.11 N | 175 31.00 W | | | 10 | ų | e |
| Atka I./N. Cape | AI | 52 24.20 N | 174 17.80 W | | | e | | |
| Amlia I./Sviech. Harbor ⁴ | AI | 52 01.80 N | 173 23.90 W | | | e | | |
| Sagigik I. ⁴ | AI | 52 00.50 N | 173 09.30 W | | | e | | |
| Amlia I./East ⁴ | AI | 52 05.70 N | 172 59.00 W | 52 05.75 N | 172 57.50 W | e | 20 | 20 |
| Tanadak I. (Amlia) ⁴ | AI | 52 04.20 N | 172 57.60 W | | | ю | 20 | 20 |
| Agligadak I.⁴ | AI | 52 06.09 N | 172 54.23 W | | | 20 | 20 | 20 |
| Seguam I./Saddleridge Pt.4 | AI | 52 21.05 N | 172 34.40 W | 52 21.02 N | 172 33.60 W | 10 | 20 | 20 |
| Seguam I./Finch Pt. | AI | 52 23.40 N | 172 27.70 W | 52 23.25 N | 172 24.30 W | ĸ | 20 | 20 |
| Seguam I./South Side | AI | 52 21.60 N | 172 19.30 W | 52 15.55 N | 172 31.22 W | e | 20 | 20 |
| Amukta I. & Rocks | AI | 52 27.25 N | 171 17.90 W | | | ю | 20 | 20 |
| Chagulak I. | AI | 52 34.00 N | 171 10.50 W | | | м | 20 | 20 |
| Yunaska I. | AI | 52 41.40 N | 170 36.35 W | | | 10 | 20 | 20 |
| Uliaga ^{s, 14} | BS | 53 04.00 N | 169 47.00 W | 53 05.00 N | 169 46.00 W | 10 | 20 | 20 |
| Chuginadak ¹⁴ | GOA | 52 46.70 N | 169 41.90 W | | | 20 | 20,10 | 20 |
| Kagamil ^{5, 14} | BS | 53 02.10 N | 169 41.00 W | | | 10 | 20 | 20 |
| Samalga | GOA | 52 46.00 N | 169 15.00 W | | | 20 | 10 | 20 |

| Column Number 1 | 2 | 3 | 4 | ß | و | 7 | æ | 6 |
|--------------------------------------|---------|------------|-------------|------------|----------------------|--|---|---|
| Curron Cotio | Area or | Boundar | ies from | Boundaı | ries to ¹ | Pacific Cod No-fishing Zones for | Pacific Cod No-fishing Zone for | Pacific Cod No- fishing |
| | Subarea | Latitude | Longitude | Latitude | Longitude | Trawl Gear ^{2,3} (nm) | Hook-and- Line Gear ^{2,3} (nm) | Zone for Pot Gear ^{2,3} (nm) |
| Adugak I. ⁵ | BS | 52 54.70 N | 169 10.50 W | | | 10 | BA | BA |
| Umnak I.∕Cape Aslik⁵ | BS | 53 25.00 N | 168 24.50 W | | | BA | BA | BA |
| Ogchul I. | GOA | 52 59.71 N | 168 24.24 W | | | 20 | 10 | 20 |
| Bogoslof I./Fire I. ⁵ | BS | 53 55.69 N | 168 02.05 W | | | BA | BA | BA |
| Polivnoi Rock [®] | GOA | 53 15.96 N | 167 57.99 W | | | 20 | 10 | 20 |
| Emerald I. ^{13, 9} | GOA | 53 17.50 N | 167 51.50 W | | | 20 | 10 | 20 |
| Unalaska/Cape Izigan° | GOA | 53 13.64 N | 167 39.37 W | | | 20 | 10 | 20 |
| Unalaska/Bishop Pt. ^{6, 13} | BS | 53 58.40 N | 166 57.50 W | | | 10 | 10 | e |
| Akutan I./Reef-lava ⁶ | BS | 54 08.10 N | 166 06.19 W | 54 09.10 N | 166 05.50 W | 10 | 10 | M |
| Unalaska I./Cape Sedanka' | GOA | 53 50.50 N | 166 05.00 W | | | 20 | 10 | 20 |
| old Man Rocks ⁹ | GOA | 53 52.20 N | 166 04.90 W | | | 20 | 10 | 20 |
| Akutan I./Cape Morgan [®] | GOA | 54 03.39 N | 165 59.65 W | 54 03.70 N | 166 03.68 W | 20 | 10 | 20 |
| Akun I./Billings Head | BS | 54 17.62 N | 165 32.06 W | 54 17.57 N | 165 31.71 W | 10 | м | e |
| Rootok ⁹ | GOA | 54 03.90 N | 165 31.90 W | 54 02.90 N | 165 29.50 W | 20 | 10 | 20 |
| Tanginak I.° | GOA | 54 12.00 N | 165 19.40 W | | | 20 | 10 | 20 |
| Tigalda/Rocks NE ⁹ | GOA | 54 09.60 N | 164 59.00 W | 54 09.12 N | 164 57.18 W | 20 | 10 | 20 |
| Unimak/Cape Sarichef | BS | 54 34.30 N | 164 56.80 W | | | 10 | ю | ю |
| Aiktak ⁹ | GOA | 54 10.99 N | 164 51.15 W | | | 20 | 10 | 20 |
| Ugamak I.° | GOA | 54 13.50 N | 164 47.50 W | 54 12.80 N | 164 47.50 W | 20 | 10 | 20 |
| Round (GOA) ⁹ | GOA | 54 12.05 N | 164 46.60 W | | | 20 | 10 | 20 |
| Sea Lion Rock (Amak) | BS | 55 27.82 N | 163 12.10 W | | | 10 | 7 | 7 |
| Amak I. And rocks | BS | 55 24.20 N | 163 09.60 W | 55 26.15 N | 163 08.50 W | 10 | m | ю |
| Bird I. | GOA | 54 40.00 N | 163 17.2 W | | | 10 | | |

Pt. 679, Table 5

| Column Number 1 | 2 | 3 | 4 | 5 | 9 | 7 | 8 | 6 |
|-------------------------------|---------|------------|-------------|------------|---------------------|--|---|---|
| Site Mame | Area or | Boundari | ies from | Boundar | ies to ¹ | Pacific Cod No-fishing Zones for | Pacific Cod No-fishing Zone for | Pacific Cod No- fishing |
| | Subarea | Latitude | Longitude | Latitude | Longitude | Trawl Gear ^{2,3} (nm) | Hook-and- Line Gear ^{2,3} (nm) | Zone for Pot Gear ^{2,3} (nm) |
| Caton I. | GOA | 54 22.70 N | 162 21.30 W | | | m | m | |
| South Rocks | GOA | 54 18.14 N | 162 41.3 W | | | 10 | | |
| Clubbing Rocks (S) | GOA | 54 41.98 N | 162 26.7 W | | | 10 | ю | m |
| Clubbing Rocks (N) | GOA | 54 42.75 N | 162 26.7 W | | | 10 | ю | e |
| Pinnacle Rock | GOA | 54 46.06 N | 161 45.85 W | | | e | e | e |
| Sushilnoi Rocks | GOA | 54 49.30 N | 161 42.73 W | | | 10 | | |
| Olga Rocks | GOA | 55 00.45 N | 161 29.81 W | 54 59.09 N | 161 30.89 W | 10 | | |
| Jude I. | GOA | 55 15.75 N | 161 06.27 W | | | 20 | | |
| Sea Lion Rocks (Shumagins) | GOA | 55 04.70 N | 160 31.04 W | | | m | m | е |
| Nagai I./Mountain Pt. | GOA | 54 54.20 N | 160 15.40 W | 54.56.00 N | 160.15.00 W | m | m | m |
| The Whaleback | GOA | 55 16.82 N | 160 05.04 W | | | e | m | e |
| Chernabura I. | GOA | 54 45.18 N | 159 32.99 W | 54 45.87 N | 159 35.74 W | 20 | m | e |
| Castle Rock | GOA | 55 16.47 N | 159 29.77 W | | | e | m | |
| Atkins I. | GOA | 55 03.20 N | 159 17.40 W | | | 20 | e | e |
| Spitz I. | GOA | 55 46.60 N | 158 53.90 W | | | e | ю | m |
| Mitrofania | GOA | 55 50.20 N | 158 41.90 W | | | e | ю | m |
| Kak | GOA | 56 17.30 N | 157 50.10 W | | | 20 | 20 | e |
| Lighthouse Rocks | GOA | 55 46.79 N | 157 24.89 W | | | 20 | 20 | 20 |
| Sutwik I. | GOA | 56 31.05 N | 157 20.47 W | 56 32.00 N | 157 21.00 W | 20 | 20 | 20 |
| Chowiet I. | GOA | 56 00.54 N | 156 41.42 W | 56 00.30 N | 156 41.60 W | 20 | 20 | 20 |
| Nagai Rocks | GOA | 55 49.80 N | 155 47.50 W | | | 20 | 20 | 20 |
| Chirikof I. | GOA | 55 46.50 N | 155 39.50 W | 55 46.44 N | 155 43.46 W | 20 | 20 | 20 |
| | | | | | | | | |

| 2 | 3 | 4 | 5 | 9 | 4 | 8 | 6 |
|---------|---|---|---|--|--|---|---|
| Area or | Boundar: | ies from | Boundar | ies to ¹ | Pacific Cod No-fishing Zones for | Pacific Cod No-fishing Zone for | Pacific Cod No- fishing |
| Subarea | Latitude | Longitude | Latitude | Longitude | Trawl Gear ^{2,3} (nm) | Hook-and- Line Gear ^{2,3} (nm) | Zone for Pot Gear ^{2,3} (nm) |
| GOA | 57 40.60 N | 155 23.10 W | | | 10 | | |
| GOA | 57 17.20 N | 154 47.50 W | | | m | m | m |
| GOA | 58 01.75 N | 154 31.25 W | | | 10 | | |
| GOA | 58 08.00 N | 154 12.50 W | | | 10 | | |
| GOA | 58 11.50 N | 154 09.60 W | 58 12.50 N | 154 10.50 W | 10 | | |
| GOA | 57 52.41 N | 153 50.97 W | | | 10 | | |
| GOA | 56 34.30 N | 153 50.96 W | | | 10 | | |
| GOA | 58 32.80 N | 153 41.50 W | | | 10 | | |
| GOA | 56 54.50 N | 153 32.75 W | 56 53.90 N | 153 33.74 W | 10 | | |
| GOA | 59 00.00 N | 153 22.50 W | | | 10 | | |
| GOA | 57 10.20 N | 152 53.05 W | | | m | m | |
| GOA | 57 21.45 N | 152 36.30 W | | | 10, 3 | | |
| GOA | 58 40.10 N | 152 31.30 W | | | 10 | | |
| GOA | 58 54.75 | 152 22.20 W | | | 10 | | |
| GOA | 57 23.60 N | 152 17.50 W | 57 21.90 N | 152 17.40 W | 10, 3 | | |
| GOA | 58 31.15 N | 152 13.30 W | | | 10 | | |
| GOA | 57 46.82 N | 152 12.90 W | | | 10 | | |
| GOA | 58 54.00 N | 152 12.50 W | | | 10 | | |
| GOA | 57 37.90 N | 152 08.25 W | | | 10 | | |
| GOA | 58 53.25 N | 152 02.40 W | | | 20 | 10 | 10 |
| GOA | 58 20.53 N | 151 48.83 W | | | 10 | | |
| GOA | 58 13.65 N | 151 47.75 W | 58 09.90 N | 151 52.06 W | 15, 20 | 10 | 10 |
| GOA | 59 06.00 N | 151 46.30 W | | | 10 | | |
| | 2 Area or Subarea GOA GOA GOA GOA GOA GOA GOA GOA GOA GOA | 2 3 Area or Subarea Boundar: Boundar: Area or Subarea Intitude Area or Subarea Intitude GOA 57 17 20 N GOA 57 17 20 N GOA 57 17 20 N GOA 58 31.15 N N GOA 58 54.00 N N GOA 58 54.00 N N GOA 58 53.25 N N GOA 58 53.25 N N GOA 58 53.25 N N GOA 58 58 15.65 N GOA 58 58 10 GOA 58 58 10 | 2 3 4 Area or Subarea Inditional from Latitude 1 Area or Subarea Latitude Longitude Area or Subarea 1 1 1 Area or Subarea 1 1 1 1 Area or Subarea 1 1 1 1 1 GOA 57 1 0 1 1 1 1 GOA 57 1 | 2 3 4 5 Area or Subarea Boundaries from Boundar Area or Subarea Boundaries from Boundar Area or Subarea Boundaries from Boundar Area or Subarea Latitude Longitude Latitude GOA 57 17.20 N 155 23.10 W GOA 57 17.20 N 154 47.50 W GOA 58 01.75 N 154 12.50 M GOA 58 11.50 N 153 50.97 W GOA 58 31.30 N 153 50.97 W GOA 58 31.30 N 152 51.00 W GOA 58 31.50 N 152 51.00 W GOA 58 51.20 N 152 51.00 W GOA 58 51.20 N 56 51.20 W GOA 58 51.20 N 56 51.20 W GOA 58 51.20 W 56 51.20 W GOA 58 | | | |

Pt. 679, Table 5

| Column Number 1 | 2 | 3 | 4 | 5 | 9 | 7 | 8 | 6 |
|---|--|---|---|--|-------------------------------|--|---|---|
| Cita Mamo | Area or | Boundari | les from | Boundar | ries to ¹ | Pacific Cod No-fishing Zones for | Pacific Cod No-fishing Zone for | Pacific Cod No- fishing |
| SILE NAME | Subarea | Latitude | Longitude | Latitude | Longitude | Trawl Gear ^{2,3} (nm) | Hook-and- Line Gear ^{2,3} (nm) | Zone for Pot Gear ^{2,3} (nm) |
| Perl | GOA | 59 05.75 N | 151 39.75 W | | | 10 | | |
| Gore Point | GOA | 59 12.00 N | 150 58.00 W | | | 10 | | |
| Outer (Pye) I. | GOA | 59 20.50 N | 150 23.00 W | 59 21.00 N | 150 24.50 W | 20 | 10 | 10 |
| Steep Point | GOA | 59 29.05 N | 150 15.40 W | | | 10 | | |
| Seal Rocks (Kenai) | GOA | 59 31.20 N | 149 37.50 W | | | 10 | | |
| Chiswell Islands | GOA | 59 36.00 N | 149 34.00 W | | | 10 | | |
| Rugged Island | GOA | 59 50.00 N | 149 23.10 W | | | 10 | | |
| Point Elrington ^{10, 12} | GOA | 59 56.00 N | 148 15.20 W | | | 20 | | |
| Perry I. ¹⁰ | GOA | 60 44.00 N | 147 54.60 W | | | | | |
| The Needle ¹⁰ | GOA | 60 06.64 N | 147 36.17 W | | | | | |
| Point Eleanor ¹⁰ | GOA | 60 35.00 N | 147 34.00 W | | | | | |
| Wooded I. (Fish I.) | GOA | 59 52.90 N | 147 20.65 W | | | 20 | ю | e |
| Glacier Island ¹⁰ | GOA | 60 51.30 N | 147 14.50 W | | | | | |
| Seal Rocks (Cordova) ¹² | GOA | 60 09.78 N | 146 50.30 W | | | 20 | m | ы |
| Cape Hinchinbrook ¹² | GOA | 60 14.00 N | 146 38.50 W | | | 20 | | |
| Middleton I. | GOA | 59 28.30 N | 146 18.80 W | | | 10 | | |
| Hook Point ¹² | GOA | 60 20.00 N | 146 15.60 W | | | 20 | | |
| Cape St. Elias | GOA | 59 47.50 N | 144 36.20 W | | | 20 | | |
| BS = Bering Sea, $\lambda I = \lambda I$ ¹ Where two sets of coordi geographic coordinates al one set of coordinates is ² Closures as stated in 5 | eutian Is nates are ong the s ilisted, 0 CFR 679 | slands, GO given, the shoreline at that locati .22(a)(7)(v) | A = Gulf of baseline ex mean lower- on is the ba (, (a)(8)(iv | Alaska tends in a (low water t se point.) and (b)(2) | clock-wise d: o the second | irection from set of coor | n the first s dinates. Wh | set of ere only |

| ³ No-fishing zones are the waters between 0 nm and the nm specified in columns 7, 8, and 9 around each site and within the Bogoslof area (BA) and the Seguam Foraging Area (SFA). |
|---|
| ⁴ Some or all of the restricted area is located in the SFA which is closed to all gears types. The SFA is established as all waters within the area between 52° N lat. and 53° N lat. and between 173°30' W long. and 172°30' W long. Amlia I./East. and Tanadak I. (Amlia) haulouts 20 mm hook-and-line and not closures apply only to waters |
| located east of 173 % longitude. |
| ^s fhis site lies within the BA which is closed to all gear types. The BA consists of all waters of area 518 as described in Figure 1 of this part south of a straight line connecting 55°00'N/170°00'W, and 55°00'N/168°11'4.75" |
| |
| ⁶ Hook-and-line no-fishing zones apply only to vessels greater than or equal to 60 feet LOA in waters east of 167° W |
| roug. For bismop foint use to mm closure west of 16/2 w. rong. applies to all nook and line and jig vessels. "The trawl closure between 0 nm to 10 nm is effective from January 20 through June 10. Trawl closure between 0 nm |
| to 3 nm is effective from September 1 through November 1. |
| "The trawl closure between 0 nm to 15 m is effective from January 20 through June 10. Trawl closure between 0 nm |
| to 20 nm is effective from september i through November i. Prestriction area includes only waters of the Gulf of Alaska Area. |
| ¹⁰ Contact the Alaska Department of Fish and Game for fishery restrictions at these sites. |
| "Directed fishing for Pacific cod using trawl gear is prohibited in the harvest limit area (HLA) as defined at § |
| 6/9/.2 UNTIL TO HLA Atka mackered distreted tishery in the A or B seasons is completed. The 20 nm closure around Gramm Poorb and monoror in fourners the around seasons into a formal second second second second second second |
| time. Not and the advected field of the Atta mackerel HLA directed fisher. directed fishing for Pacific od using trad |
| gear is prohibited in the HLA between 0 nm to 10 nm of rookeries and between 0 nm to 3 nm of haulouts. Directed |
| fishing for Pacific cod using trawl gear is prohibited between 0-3 nm of Tanaga I./Bumpy Pt. |
| ¹² The 20 nm closure around this site is effective only in waters outside of the State of Alaska waters of Prince William Sound. |
| ¹³ See 50 CFR 679.22(a)(7)(i)(C) for exemptions for catcher vessels less than 60 feet (18.3 m) LOA using itg or |
| hook-and-line gear between Bishop Point and Emerald Island closure areas. |
| ¹⁴ Trawl closure around this site is limited to waters east of 170°0'00" W long. Closure to hook-and-line fishing |
| around Chuginadak is 20 nm for waters west of 170°W long. and 10 nm for waters east of 170°W long. |
| |
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| |
| |

Pt. 679, Table 5

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[69 FR 75867, Dec. 20, 2004]

| Table 6 to 50 CFR Part 6 [.] Restrictions | 79 Steller Sea | Lion Protec | tion Areas / | Atka Macker | el Fisheries | |
|---|--------------------|-------------|--------------|-------------|----------------------|--|
| Column Number 1 | 2 | з | 4 | ъ | ę | 7 |
| | | Boundaı | ries from | Bounda | ries to ¹ | Atka mackerel No- fishing |
| SILCE NAME | Area or subarea | Latitude | Longitude | Latitude | Longitude | Zones for Trawl Gear ^{2.3} (nm) |
| St. Lawrence I./S Punuk I. | Bering Sea | 63 04.00 N | 168 51.00 W | | | 20 |
| St. Lawrence I./SW Cape | Bering Sea | 63 18.00 N | 171 26.00 W | | | 20 |
| Hall I. | Bering Sea | 60 37.00 N | 173 00.00 W | | | 20 |
| St. Paul I./Sea Lion Rock | Bering Sea | 57 06.00 N | 170 17.50 W | | | 20 |
| St. Paul I./NE Pt. | Bering Sea | 57 15.00 N | 170 06.50 W | | | 20 |
| Walrus I. (Pribilofs) | Bering Sea | 57 11.00 N | 169 56.00 W | | | 20 |
| St. George I./Dalnoi Pt. | Bering Sea | 56 36.00 N | 169 46.00 W | | | 20 |
| St. George I./S Rookery | Bering Sea | 56 33.50 N | 169 40.00 W | | | 20 |
| Cape Newenham | Bering Sea | 58 39.00 N | 162 10.50 W | | | 20 |
| Round (Walrus Islands) | Bering Sea | 58 36.00 N | 159 58.00 W | | | 20 |
| Attu I./Cape Wrangell | Aleutian Islands | 52 54.60 N | 172 27.90 E | 52 55.40 N | 172 27.20 E | 10 |
| Agattu I./Gillon Pt. | Aleutian Islands | 52 24.13 N | 173 21.31 E | | | 10 |
| Attu I./Chirikof Pt. | Aleutian Islands | 52 49.75 N | 173 26.00 E | | | ю |
| Agattu I./Cape Sabak | Aleutian Islands | 52 22.50 N | 173 43.30 E | 52 21.80 N | 173 41.40 E | 10 |
| Alaid I. | Aleutian Islands | 52 46.50 N | 173 51.50 E | 52 45.00 N | 173 56.50 E | ю |
| Shemya I. | Aleutian Islands | 52 44.00 N | 174 08.70 E | | | ю |
| Buldir I. | Aleutian Islands | 52 20.25 N | 175 54.03 E | 52 20.38 N | 175 53.85 E | 15 |
| Kiska I./Cape St. Stephen | Aleutian Islands | 51 52.50 N | 177 12.70 E | 51 53.50 N | 177 12.00 E | 10 |
| Kiska I./Sobaka ƙ Vega | Aleutian Islands | 51 49.50 N | 177 19.00 E | 51 48.50 N | 177 20.50 E | m |
| Kiska I./Lief Cove | Aleutian Islands | 51 57.16 N | 177 20.41 E | 51 57.24 N | 177 20.53 E | 10 |
| Kiska I./Sirius Pt. | Aleutian Islands | 52 08.50 N | 177 36.50 E | | | m |
| Tanadak I. (Kiska) | l Aleutian Islands | 51 56.80 N | 177 46.80 E | | | ~ |

TABLE 6 TO PART 679—STELLER SEA LION PROTECTION AREAS ATKA MACKEREL FISHERIES RESTRICTIONS

| Column Number 1 | 2 | З | 4 | 5 | 6 | 7 |
|------------------------------|------------------|------------|-------------|------------|-----------------------|--|
| 0.i.i. | | Bounda: | cies from | Bounda | rries to ¹ | Atka mackerel No- fishing |
| SILE NAME | Area or subarea | Latitude | Longitude | Latitude | Longitude | Zones for Trawl Gear ^{2.3} (nm) |
| Segula I. | Aleutian Islands | 51 59.90 N | 178 05.80 E | 52 03.06 N | 178 08.80 E | æ |
| Ayugadak Point | Aleutian Islands | 51 45.36 N | 178 24.30 E | | | 10 |
| Rat I./Krysi Pt. | Aleutian Islands | 51 49.98 N | 178 12.35 E | | | m |
| Little Sitkin I. | Aleutian Islands | 51 59.30 N | 178 29.80 E | | | m |
| Amchitka I./Column Rocks | Aleutian Islands | 51 32.32 N | 178 49.28 E | | | 10 |
| Amchitka I./East Cape | Aleutian Islands | 51 22.26 N | 179 27.93 E | 51 22.00 N | 179 27.00 E | 10 |
| Amchitka I./Cape Ivakin | Aleutian Islands | 51 24.46 N | 179 24.21 E | | | m |
| Semisopochnoi/Petrel Pt. | Aleutian Islands | 52 01.40 N | 179 36.90 E | 52 01.50 N | 179 39.00 E | 10 |
| Semisopochnoi I./Pochnoi Pt. | Aleutian Islands | 51 57.30 N | 179 46.00 E | | | 10 |
| Amatignak I. Nitrof Pt. | Aleutian Islands | 51 13.00 N | 179 07.80 W | | | ю |
| Unalga & Dinkum Rocks | Aleutian Islands | 51 33.67 N | 179 04.25 W | 51 35.09 N | 179 03.66 W | m |
| Ulak I./Hasgox Pt. | Aleutian Islands | 51 18.90 N | 178 58.90 W | 51 18.70 N | 178 59.60 W | 10 |
| Kavalga I. | Aleutian Islands | 51 34.50 N | 178 51.73 W | 51 34.50 N | 178 49.50 W | м |
| Tag I. | Aleutian Islands | 51 33.50 N | 178 34.50 W | | | 10 |
| Ugidak I. | Aleutian Islands | 51 34.95 N | 178 30.45 W | | | 'n |
| Gramp Rock ⁷ | Aleutian Islands | 51 28.87 N | 178 20.58 W | | | 10, 20 |
| Tanaga I./Bumpy Pt.4 | Aleutian Islands | 51 55.00 N | 177 58.50 W | 51 55.00 N | 177 57.10 W | 20 |
| Bobrof I. | Aleutian Islands | 51 54.00 N | 177 27.00 W | | | 20 |
| Kanaga I./Ship Rock | Aleutian Islands | 51 46.70 N | 177 20.72 W | | | 20 |
| Kanaga I./North Cape | Aleutian Islands | 51 56.50 N | I77 09.00 W | | | 20 |
| Adak I. | Aleutian Islands | 51 35.50 N | 176 57.10 W | 51 37.40 N | 176 59.60 W | 20 |
| Little Tanaga Strait | Aleutian Islands | 51 49.09 N | 176 13.90 W | | | 20 |
| Great Sitkin I. | Aleutian Islands | 52 06.00 N | 176 10.50 W | 52 06.60 N | 176 07.00 W | 20 |
| Anagaksik I. | Aleutian Islands | 51 50.86 N | 175 53.00 W | | | 20 |

Pt. 679, Table 6

| Pt. | 679, | Table | 6 |
|-----|------|-------|---|
|-----|------|-------|---|

| Column Number 1 | 2 | 8 | 4 | ъ | و | 7 |
|--------------------------------------|------------------|------------|-------------|------------|----------------------|--|
| | | Bounda | ries from | Bounda | ries to ¹ | Atka mackerel No- fishing |
| STLE NAME | Area or subarea | Latitude | Longitude | Latitude | Longitude | Zones for Trawl Gear ^{2,3} (nm) |
| Kasatochi I. | Aleutian Islands | 52 11.11 N | 175 31.00 W | | | 20 |
| Atka I./North Cape | Aleutian Islands | 52 24.20 N | 174 17.80 W | | | 20 |
| Amlia I./Sviech. Harbor ⁵ | Aleutian Islands | 52 01.80 N | 173 23.90 W | | | 20 |
| Sagigik I. ⁵ | Aleutian Islands | 52 00.50 N | 173 09.30 W | | | 20 |
| Amlia I./East ⁵ | Aleutian Islands | 52 05.70 N | 172 59.00 W | 52 05.75 N | 172 57.50 W | 20 |
| Tanadak I. (Amlia) ⁵ | Aleutian Islands | 52 04.20 N | 172 57.60 W | | | 20 |
| Agligadak I. ⁵ | Aleutian Islands | 52 06.09 N | 172 54.23 W | | | 20 |
| Seguam I./Saddleridge Pt.5 | Aleutian Islands | 52 21.05 N | 172 34.40 W | 52 21.02 N | 172 33.60 W | 20 |
| Seguam I./Finch Pt. ⁵ | Aleutian Islands | 52 23.40 N | 172 27.70 W | 52 23.25 N | 172 24.30 W | 20 |
| Seguam I./South Side ⁵ | Aleutian Islands | 52 21.60 N | 172 19.30 W | 52 15.55 N | 172 31.22 W | 20 |
| Amukta I. & Rocks | Aleutian Islands | 52 27.25 N | 171 17.90 W | | | 20 |
| Chagulak I. | Aleutian Islands | 52 34.00 N | 171 10.50 W | | | 20 |
| Yunaska I. | Aleutian Islands | 52 41.40 N | 170 36.35 W | | | 20 |
| Uliaga ⁶ | Bering Sea | 53 04.00 N | 169 47.00 W | 53 05.00 N | 169 46.00 W | 20 |
| Kagamil ⁶ | Bering Sea | 53 02.10 N | 169 41.00 W | | | 20 |
| Adugak I. ⁶ | Bering Sea | 52 54.70 N | 169 10.50 W | | | 20 |
| Umnak I./Cape Aslik ⁶ | Bering Sea | 53 25.00 N | 168 24.50 W | | | BA |
| Bogóslof I./Fire I. ⁶ | Bering Sea | 53 55.69 N | 168 02.05 W | | | BA |
| Unalaska/Bishop Pt. | Bering Sea | 53 58.40 N | 166 57.50 W | | | 20 |
| Akutan I./Reef-lava | Bering Sea | 54 08.10 N | 166 06.19 W | 54 09.10 N | 166 05.50 W | 20 |
| Akun I./Billings Head | Bering Sea | 54 17.62 N | 165 32.06 W | 54 17.57 N | 165 31.71 W | 20 |
| Unimak/Cape Sarichef | Bering Sea | 54 34.30 N | 164 56.80 W | | | 20 |
| Sea Lion Rock (Amak) | Bering Sea | 55 27.82 N | 163 12.10 W | | | 20 |
| Amak I. And rocks | Bering Sea | 55 24.20 N | 163 09.60 W | 55 26.15 N | 163 08.50 W | 20 |

west of 178° W between 173°30' W long. and 172°30' W long. ⁶ This site lies in the BA, closed to all gear types. The BA consists of all waters of Area 518 described in Figure ¹ of this part south of a straight line connecting 55°00'N/170°00'W and 55°00'N/16°11'4.75" W. ²Directed fishing for Atka mackerel by vessels using trawl gear is prohibited in waters located a) 0-20 nm seaward of Gramp Rock and east of 178°W long., and b)0-10 nm of Gramp Rock and west of 178°W long. geographic coordinates along the shoreline at mean lower-low water to the second set of coordinates. ² Closures as stated in 50 CFR 679.22 (a)(7)(vi) and (a)(8)(v). ³ No-fishing zones are the waters between 0 nm and the nm specified in column 7 around each site and within the Bogoslof area (BA). ⁴ The 20 nm Atka mackerel fishery closure around the Tanaga I./Bumpy Pt. Rookery is established only for that portion of the area east of 178° W longitude. Waters located within 20 nm of Tanaga I./Bumpy Pt. and west of 17 long. are including in the harvest limit area, as defined in \$679.2.
⁵ Some or all of the restricted area is located in the Seguam Foraging Area (SFA) which is closed to all gears types. The SFA is established as all waters within the area between 52° N lat. and 53° N lat. and between 17303 of baseline extends in a clock-wise direction from the first set the are given, coordinates Ч two sets Where

[68 FR 24618, May 8, 2003]

Fishery Conservation and Management

Pt. 679, Table 6

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TABLE 7 TO PART 679—Communities Determined To Be Eligible To Apply for Community Development Quotas

(Other communities that do not appear on this table may also be elgible.)

| Marahiak |
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| Marchick |
| VICSCINCK |
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[63 FR 47375, Sept. 4, 1998]

TABLE 8 TO PART 679—HARVEST ZONE CODES FOR USE WITH VESSEL ACTIVITY REPORTS

| Harvest Zone | Description | | | | |
|-----------------|--|--|--|--|--|
| A1 | BSAI EEZ off Alaska | | | | |
| A2 | GOA EEZ off Alaska | | | | |
| В | State waters of Alaska | | | | |
| С | State waters other than Alaska | | | | |
| D | Donut Hole | | | | |
| F | Foreign Waters Other than Russia | | | | |
| 1 | International Waters other than Donut Hole and Seamounts | | | | |
| R | Russian waters | | | | |
| S | Seamounts in International waters | | | | |
| U | U.S. EEZ other than Alaska | | | | |

[67 FR 4137, Jan. 28, 2002]

Pt. 679, Table 9

| Requirement Name | Catcher vessel | Catcher/ Processor | Mothership | Shoreside Processor ⁽³⁾ | Buying Station |
|--|-------------------|-----------------------|------------|---------------------------------------|-------------------|
| Daily Fishing Logbook (DFL) ⁽¹⁾ | YES | NO | NO | NO | NO |
| Daily Cumulative Production Logbook (DCPL) ⁽¹⁾ | NO | YES | YES | YES | NO |
| Buying Station Report (BSR) | NO | NO | NO | NO | YES |
| Check-in/Check-out Report | NO | YES | YES | YES | NO |
| Optional: Electronic Check-in/out report | NO | YES | YES | YES | NO |
| Weekly Production Report (WPR) | NO | YES | YES | YES | NO |
| Optional: Electronic WPR | NO | YES | YES | YES | NO |
| Shoreside Processor Electronic Logbook Report (SPELR) instead of DCPL and WPR when receiving AFA pollock or pollock harvested in a directed pollock fishery | NO | NO | Ю | YES | Ю |
| Optional: SPELR instead of DCPL and WPR | NO | NO | NO | YES | NO |
| U.S. Vessel Activity Report (VAR) | YES | YES | YES | NO | NO |
| Daily Production Report (DPR) ⁽²⁾ | NO | YES | YES | YES | NO |
| Product Transfer Report (PTR) | NO | YES | YES | YES | NO |
| Required use AFA and CDQ at-sea scales, including daily scale test, printed scale output, request for inspection of scales and observer station, scale approval sticker | NO | YES | YES | Ю | NO |
| VMS when directed fishing for Atka mackerel, pollock, or Pacific cod | YES | YES | NO | NO | NO |

TABLE 9 TO PART 679—REQUIRED LOGBOOKS, REPORTS, FORMS AND ELECTRONIC LOGBOOK AND REPORTS FROM PARTICIPANTS IN THE FEDERAL GROUNDFISH FISHERIES

¹Two formats of the DFL and catcher/processor DCPL exist: one for trawl gear and one for longline and pot gear. ²DPR is submitted only when specifically requested by Regional Administrator. ³Also stationary floating processor

[67 FR 22012, May 2, 2002]
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| second a subsection of the second second | | Other | species | 6) | | | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 |
|--|-----------------|------------------------|-------------------------|---------|--------|-----|-----------------|------------|-----------------|----------|----------------------|---|------------|--|------------------|---------|-----------------|---------------|---------------------------------|-------------------------|---------------------------|-----------------|----------------------|
| | | Skates ⁽¹¹⁾ | | | | | 20 | 0 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | na9 |
| | 0 (Ì)¢) | Aggregated | forage fish | (01) | | | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| | , see § 679.21 | Atka | mackerel | | | - | 20 | 0 | 20 | 20 | 20 | 20 | 20 | 20 | na° | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 |
| ages | in the SEO | DSR | SEO | (C/Ps | only): | (9) | 10 | 0 | 1 | 1 | I | 1 | - | 1 | 10 | 10 | - | - | 10 | 1 | - | na ⁹ | 10 |
| e Percent | her vessels | SR/RE | ERA (I) | | | | (1) | 0 | 7 | 7 | 7 | 7 | 7 | na° | 0 | (1) | 7 | 7 | 8 | 7 | 7 | ٢ | () |
| a Retainable | caught on cate | Aggregated | rockfish ⁽⁸⁾ | | | | 5 | 0 | 15 | 15 | 15 | 15 | 15 | 15 | 5 | 5 | 15 | 15 | 5 | 15 | 15 | 15 | 5 |
| lf of Alask | CIES (for DSR | Sablefish | | | | | 1 | 0 | 7 | 7 | 7 | 7 | 7 | 7 | 1 | 1 | na ⁹ | 2 | 1 | 7 | 7 | 7 | 1 |
| [able 10 to Part 679—Gu | CH SPEC | Arrow | tooth | | | | 35 | na9 | 35 | 35 | 35 | 35 | 35 | 35 | 35 | 35 | 35 | 35 | 35 | 35 | 35 | 35 | 35 |
| | INCIDENTAL CATC | SW | flat | 6 | | | 20 | 0 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | na ⁹ | 20 | 20 | 20 | 20 |
| | | Flathead | sole | | | | 20 | 0 | na ⁹ | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 |
| T. | | Rex | sole | | | | 20 | 0 | 20 | na9 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 |
| | | DW | flat | 3 | | | 20 | 0 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | na° | 20 | 20 | 20 | 20 | 20 |
| | | Pacific | cod | | | | na ⁹ | 5 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 |
| | | Pollock | | | | | 20 | 5 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | na9 | 20 | 20 | 20 | 20 | 20 | 20 | 20 |
| | SPECIES | | | Species | | | Pacific cod | Arrowtooth | Flathead sole | Rex sole | Northern rockfish | Pacific ocean perch | Thornyhead | Shortraker/ rougheye ⁽¹⁾ | Atka mackerel | Pollock | Sablefish | ı, deep water | shallow ③ | h, other ⁽⁴⁾ | h, pelagic ⁽⁵⁾ | h, DSR-SEO ® | (1) |
| | BASIS | | | Code | | | 110 | 121 | 122 | 125 | 136 | 141 | 143 | 152/ 151 | 193 | 270 | 710 | Elatfish | Flatfish, water ⁽ | Rockfisł | Rockfisł | Rockfisł | Skates ^{(,} |
| | | | | | | _ | - | _ | _ | _ | | Color State | | | - | | | | | | | | |

TABLE 10 TO PART 679---Gulf of Alaska Retainable Percentages

| - | _ | _ | | | _ | - | | |
|---|----------------------|------------------------|-------------------------|---------|--------|-----|------------|------------------------------------|
| | | Other | species | (2) | | | na9 | 20 |
| | | Skates ⁽¹¹⁾ | | | | | 20 | 20 |
| | 0 (j) ⁶) | Aggregated | forage fish | (01) | | | 2 | 2 |
| |), see § 679.2 | Atka | mackerel | | | | 20 | 20 |
| | in the SEC | DSR | SEO | (C/Ps | only): | (9) | 10 | 10 |
| | cher vessels | SR/RE | ERA (1) | | | | (1) | 0 |
| | R caught on cate | Aggregated | rockfish ⁽⁸⁾ | | | | 5 | 5 |
| | CIES (for DS | Sablefish | | | | | 1 | 1 |
| | CH SPE | Arrow | tooth | | | | 35 | 35 |
| | AL CAT | SW | flat | 6 | | | 20 | 20 |
| | NCIDENT. | Flathead | sole | | | | 20 | 20 |
| | | Rex | sole | | | | 20 | 20 |
| | | DW | flat | 6 | | | 20 | 20 |
| | | Pacific | cod | | | | 20 | 20 |
| | | Pollock | | | | | 20 | 20 |
| | S SPECIES | | | Species | | | pecies (7) | ated amount of bundfish species |
| | BASI | | | Code | | | Other s | Aggreg non-gre |

| Note | ss to Table 10 to Part 679 | | | |
|------|------------------------------|--|---|---|
| 1 | Shortraker/rougheye rockfish | | | |
| | SR/RE | shortraker/rougheye rockfish (171) | | |
| | | shortraker rockfish (152) | | |
| | | rougheye rockfish (151) | | |
| | SR/RE ERA | shortraker/rougheye rockfish in the] | Eastern Regulatory Area. | |
| | Where numerical percentage | is not indicated, the retainable percent | age of SR/RE is included under Agg | gregated Rockfish |
| 2 | Deep-water flatfish | Dover sole, Greenland turbot, and d | eep-sea sole | |
| | Shallow water flatfish | Flatfish not including deep water fla | tfish, flathead sole, rex sole, or arro | wtooth flounder |
| 4 | Other rockfish | Western Regulatory Area | means slope rockfish an | d demersal shelf rockfish |
| | | Central Regulatory Area | | |
| | | West Yakutat District | | |
| | | Southeast Outside District | means slope rockfish | |
| | | | Slope rockfish | |
| | | <u>S. aurora</u> (aurora) | S. variegatus (harlequin) | <u>S. brevispinis</u> (silvergrey) |
| | | S. melanostomus (blackgill) | <u>S</u> . <u>wilsoni</u> (pygmy) | <u>S. diploproa</u> (splitnose) |
| | | <u>S. paucispinis</u> (bocaccio) | S. <u>babcocki</u> (redbanded) | <u>S. saxicola</u> (stripetail) |
| | | <u>S</u> . <u>goodei</u> (chilipepper) | S. proriger (redstripe) | <u>S</u> . <u>miniatus</u> (vermilion) |
| | | <u>S</u> . crameri (darkblotch) | S. zacentrus (sharpchin) | <u>S</u> . reedi (yellowmouth) |
| | | S. elongatus (greenstriped) | S. jordani (shortbelly) | |
| | | In the Eastern GOA only, Slope roo | ckfish also includes S. polyspinous. | (Northern) |
| 5 | Pelagic shelf rockfish | S. ciliatus (dusky) | <u>S</u> . entomelas (widow) | <u>S</u> . <u>flavidus</u> (yellowtail) |
| 9 | Demersal shelf | S. pinniger (canary) | S. maliger (quillback) | S. ruberrimus (yelloweye) |
| | rockfish (DSR) | S. nebulosus (china) | S. helvomaculatus (rosethorn) | |
| | | S. caurinus (copper) | S. nigrocinctus (tiger) | |

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- T

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| Fishery Conservation and Management | |
|-------------------------------------|--|
| rishery Conservation and Management | |

| Noi | tes to Table 1(| 0 to Part 679 | | | |
|-----|-----------------|---------------------------|---|--|---|
| | | | DSR-SEO = Demersal shelf rockfish in the So The operator of a catcher vessel that is required to 1 jig gear, must retain and land all DSR that is caugh requirements for disposal of DSR are set out at § 6. | utheast Outside District have a Federal fisheries permit, or that harvests IFQ ha t while fishing for groundfish or IFQ halibut in the SEC 79.20 (j). | ibut with hook and line or). Limits on sale and |
| 7 | Other specie: | S | sculpins octopus | squid | sharks |
| ∞ | Aggregated r | rockfish | means rockfish of the genera Sebastes and Set | oastolobus defined at § 679.2 except in: | |
| | | | Southeast Outside District (SEO) | where DSR is a separate category for those spec | ies marked with a |
| | | | | numerical percentage | |
| | | | Eastern Regulatory Area (ERA) | where SR/RE is a separate category for those spe | scies marked with a |
| | | | | numerical percentage | |
| 6 | N/A | | not applicable | | |
| 10 | Aggregated 1 | forage fish (all sp | ecies of the following families) | | |
| | [| Bristlemouths, li | ightfishes, and anglemouths (family Gonostomat | tidae) | 209 |
| | | Capelin smelt (fi | àmily <u>Osmeridae</u>) | | 516 |
| | | Deep-sea smelts | (family <u>Bathylagidae</u>) | | 773 |
| | | Eulachon smelt (| (family <u>Osmeridae</u>) | | 511 |
| | | Gunnels (family | Pholidae) | | 207 |
| | | Krill (order <u>Eup</u> i | <u>hausiacea</u>) | | 800 |
| | | Laternfishes (far | mily <u>Myctophidae</u>) | | 772 |
| | | Pacific herring (| family <u>Clupeidae</u>) | | 235 |
| | | Pacific Sand fish | h (family <u>Trichodontidae</u>) | | 206 |
| | | Pacific Sand lan- | ce (family <u>Ammodytidae</u>) | | 774 |
| | | Pricklebacks, wa | ar-bonnets, eelblennys, cockscombs and Shanny | s (family <u>Stichaeidae</u>) | 208 |
| | | Surf smelt (fami | ily <u>Osmeridae</u>) | | 515 |
| Ξ | Skates Speci | ies and Groups | | | |
| | | Big Skates (702) | | | |



[71 FR 12628, Mar. 13, 2006]

Pt. 679, Table 11

TABLE 11 TO PART 679—BSAI RETAINABLE PERCENTAGES

| | Other species ⁴ | 20 | 0 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | na ⁵ | 20 |
|-------------|---|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|---------------------|----------|------------------------|-------------------------|-----------------|-----------------|------------------------|-----------------|-----------------|-----------|-----------------|-----------------------------|
| | Aggregated forage fish ⁷ | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| | Squid | 20 | 0 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | na ^s | 20 | 20 | 20 | 20 |
| | Aggregated rockfish ⁶ | 5 | 0 | 15 | 15 | 5 | 5 | 15 | 15 | 15 | 5 | 5 | s | 15 | 5 | 5 | 15 | 5 | 5 |
| | Short- raker/ rougheye | 2 | 0 | 7 | 2 | 2 | 2 | 7 | 7 | 7 | na ^s | 2 | 2 | 7 | 2 | 2 | 7 | 2 | 2 |
| | Sablefish ¹ | - | 0 | 15 | - | - | - | 15 | 15 | 15 | 15 | - | - | na ^s | - | - | 15 | - | - |
| SCIES' | Green- land turbot | 1 | 0 | 35 | - | - | 1 | na ^s | 35 | 35 | 35 | - | - | 35 | 1 | - | 35 | - | - |
| L CATCH SPI | Flathead sole | 20 | 0 | na ^s | 35 | 35 | 35 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 35 | 20 | 20 | 20 |
| ACIDENTA | Rock sole | 20 | 0 | 35 | na ⁵ | 35 | 35 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 35 | 20 | 20 | 20 |
| - | Other flatfish ² | 20 | 0 | 35 | 35 | 35 | 35 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | na ^s | 20 | 20 | 20 |
| | Yellow fin sole | 20 | 0 | 35 | 35 | na ^s | 35 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 35 | 20 | 20 | 20 |
| | Arrow- tooth | 35 | na ^s | 35 | 35 | 35 | 35 | 35 | 35 | 35 | 35 | 35 | 35 | 35 | 35 | 35 | 35 | 35 | 35 |
| | Alaska plaice | 20 | 0 | 35 | 35 | 35 | na ⁵ | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 35 | 20 | 20 | 20 |
| | Atka mackerel | 20 | 0 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | na ^s | 20 | 20 | 20 | 20 | 20 | 20 | 20 |
| | Pacific cod | na ^s | 0 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 |
| | Pollock | 20 | 0 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | na ^s | 20 | 20 | 20 | 20 | 20 | 20 |
| | SIS SPECIES | Pacific cod | Arrowtooth | Flathead sole | Rock sole | Yellowfin sole | Alaska Plaice | Greenland turbot | Northern | Pacific Ocean perch | Shortraker/ Rougheye | Atka mackerel | Pollock | Sablefish ¹ | Squid | tfish² | :kfīsh³ | scies4 | ed amount ndfish species |
| | BAŚ | 110 | 121 | 122 | 123 | 127 | 133 | 134 | 136 | 141 | 152/ 151 | 193 | 270 | 710 | 875 | Other flai | Other roc | Other spt | Aggregat non-grou |

Table 11 to Part 679 - BSAI Retainable Percentages

| NOTI | S to Table 11 |
|------|---|
| 1 | Sablefish: for fixed gear restrictions, see 50 CFR 679.7(f)(3)(ii) and 679.7(f)(11). |
| 2 | Other flatfish includes all flatfish species, except for Pacific halibut (a prohibited species), flathead sole, Greenland turbot, rock sole, yellowfin sole, Alaska plaice, and arrowtooth flounder. |
| 3 | Other rockfish includes all <i>Sebastes</i> and <i>Sebastolobus</i> species except for Pacific ocean perch; and northern, shortraker, and rougheye rockfish. The CDQ reserves for shortraker, rougheye, and northern rockfish will continue to be managed as the "other red rockfish" complex for the BS. |
| 4 | Other species includes sculpins, sharks, skates and octopus. Forage fish, as defined at Table 2 to this part are not included in the "other species" category. |
| 5 | na = not applicable |
| 6 | Aggregated rockfish includes all of the genera Sebastes and Sebastolobus, except shortraker and rougheye rockfish. |
| 2 | Forage fish are defined at Table 2 to this part. |
| | |

[67 FR 64317, Oct. 18, 2002]

Pt. 679, Table 11

| TABLE | 12 TO | $\mathbf{P}\mathbf{A}\mathbf{R}\mathbf{T}$ | 679— | -Steller | Sea | LION | PROTECTI | ON . | Areas | 3NM | No | GROUI | NDFISH |
|-------|-------|--|------|----------|-----|-------|----------|------|-------|-----|----|-------|--------|
| | | | | | FIS | SHING | SITES | | | | | | |

| | | NOT 5 110TE . | COLLON ALCON | NOTE ON INTE | HET I HETTDIN | DIC ATC |
|------------------------------|-------------------------|---------------|--------------|--------------|----------------------|-------------------------|
| Column Number 1 | 3 | м | . 4 | 5 | و | 7 |
| Cito Mamo | consequences and consec | Bounda: | ries from | Bounda | ries to ¹ | No transit ² |
| CTCC NUME | ALEA OL SUDALEA | Latitude | Longitude | Latitude | Longitude | 3 пш |
| Walrus I. (Pribilofs) | Bering Sea | 57 11.00 N | 169 56.00 W | | | А |
| Attu I./Cape Wrangell | Aleutian I. | 52 54.60 N | 172 27.90 E | 52 55.40 N | 172 27.20 E | Y |
| Agattu I./Gillon Pt. | Aleutian I. | 52 24.13 N | 173 21.31 E | | | Y |
| Agattu I./Cape Sabak | Aleutian I. | 52 22.50 N | 173 43.30 E | 52 21.80 N | 173 41.40 E | Y |
| Buldir I. | Aleutian I. | 52 20.25 N | 175 54.03 E | 52 20.38 N | 175 53.85 E | Y |
| Kiska I./Cape St. Stephen | Aleutian I. | 51 52.50 N | 177 12.70 E | 51 53.50 N | 177 12.00 E | Υ |
| Kiska I./Lief Cove | Aleutian I. | 51 57.16 N | 177 20.41 E | 51 57.24 N | 177 20.53 E | Υ |
| Ayugadak Point | Aleutian I. | 51 45.36 N | 178 24.30 E | | | Υ |
| Amchitka I./Column Rocks | Aleutian I. | 51 32.32 N | 178 49.28 E | | | Υ |
| Amchitka I./East Cape | Aleutian I. | 51 22.26 N | 179 27.93 E | 51 22.00 N | 179 27.00 E | Υ |
| Semisopochnoi/Petrel Pt. | Aleutian I. | 52 01.40 N | 179 36.90 E | 52 01.50 N | 179 39.00 E | Х |
| Semisopochnoi I./Pochnoi Pt. | Aleutian I. | 51 57.30 N | 179 46.00 E | | | Y |
| Ulak I./Hasgox Pt. | Aleutian I. | 51 18.90 N | 178 58.90 W | 51 18.70 N | 178 59.60 W | Υ |
| Tag I. | Aleutian I. | 51 33.50 N | 178 34.50 W | | | Х |
| Gramp Rock | Aleutian I. | 51 28.87 N | 178 20.58 W | | | Υ |
| Adak I. | Aleutian I. | 51 35.50 N | 176 57.10 W | 51 37.40 N | 176 59.60 W | Х |
| Kasatochi I. | Aleutian I. | 52 11.11 N | 175 31.00 W | × | , | Х |
| Agligadak I. | Aleutian I. | 52 06.09 N | 172 54.23 W | | | Х |
| Seguam I./Saddleridge Pt. | Aleutian I. | 52 21.05 N | 172 34.40 W | 52 21.02 N | 172 33.60 W | Х |
| Yunaska I. | Aleutian I. | 52 41.40 N | 170 36.35 W | | | Х |
| Adugak I. | Bering Sea | 52 54.70 N | 169 10.50 W | | | Х |
| Ogchul I. | Gulf of Alaska | 52 59.71 N | 168 24.24 W | | | х |
| Bogoslof I./Fire I. | Bering Sea | 53 55.69 N | 168 02.05 W | | | Y |

| Column Number 1 | 2 | £ | 4 | 5 | و | 7 |
|---|--|----------------|-----------------------------------|-------------------------------|----------------------------------|-------------------------|
| Site Name | courding the sector | Boundaı | ries from | Bounda | ries to ¹ | No transit ² |
| | ALCA OF SUBALCA | Latitude | Longitude | Latitude | Longitude | 3 nm |
| Akutan I./Cape Morgan | Gulf of Alaska | 54 03.39 N | 165 59.65 W | 54 03.70 N | 166 03.68 W | Y |
| Akun I./Billings Head | Bering Sea | 54 17.62 N | 165 32.06 W | 54 17.57 N | 165 31.71 W | Υ |
| Ugamak I. | Gulf of Alaska | 54 13.50 N | 164 47.50 W | 54 12.80 N | 164 47.50 W | Х |
| Sea Lion Rock (Amak) | Bering Sea | 55 27.82 N | 163 12.10 W | | | Т |
| Clubbing Rocks (S) | Gulf of Alaska | 54 41.98 N | 162 26.7 W | | | Х |
| Clubbing Rocks (N) | Gulf of Alaska | 54 42.75 N | 162 26.7 W | | | Т |
| Pinnacle Rock | Gulf of Alaska | 54 46.06 N | 161 45.85 W | | | л |
| Chernabura I. | Gulf of Alaska | 54 45.18 N | 159 32.99 W | 54 45.87 N | 159 35.74 W | Х |
| Atkins I. | Gulf of Alaska | 55 03.20 N | 159 17.40 W | | | λ |
| Chowiet I. | Gulf of Alaska | 56 00.54 N | 156 41.42 W | 55 00.30 N | 156 41.60 W | Y |
| Chirikof I. | Gulf of Alaska | 55 46.50 N | 155 39.50 W | 55 46.44 N | 155 43.46 W | Y |
| Sugarloaf I. | Gulf of Alaska | 58 53.25 N | 152 02.40 W | | | Y |
| Marmot I. | Gulf of Alaska | 58 13.65 N | 151 47.75 W | 58 09.90 N | 151 52.06 W | Y |
| Outer (Pye) I. | Gulf of Alaska | 59 20.50 N | 150 23.00 W | 59 21.00 N | 150 24.50 W | А |
| Wooded I. (Fish I.) | Gulf of Alaska | 59 52.90 N | 147 20.65 W | | | |
| Seal Rocks (Cordova) | Gulf of Alaska | 60 09.78 N | 146 50.30 W | | | |
| * Where two sets of coordinate: geographic coordinates along t | s are given, the ba the shoreline at me | an lower-low | ls in a clock-w water to the s | ise direction econd set of | from the first coordinates. W | : set of here only |
| ² See 50 CFR 223.202(a) (2) (i) | for regulations reg | garding 3 nm 1 | ount. no transit zone | | | |
| Note: No groundfish fishing zo | ones are the waters | between 0 nm | 1 to 3 nm surro | unding each s | ite. | |

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[68 FR 215, Jan. 2, 2003]

| | | | | Sub | mit | | Issue | Possess |
|---|--|---|--------------------|---------------------|------------------------------|---------------------------------------|---|--|
| If participant type is | And has Fish product onboard | And is involved in this activity | VAR (§679.5(k)) | PTR (§ 679.5(g)) | Trans-ship (§679.5(I)(3)) | Departure report (§679.5(I)(4)) | Dockside sales receipt (§ 679.5(g)(1)(v)) | Landing receipt (§ 679.5(g)(1)(vi)) |
| Catcher vessel greater than 60 ft LOA, mothership or catcher/processor | Only non-IFQ groundfish | Vessel leaving or entering Alaska | × | | | | | |
| Catcher vessel greater than 60 ft LOA, mothership or | Only IFQ sablefish, IFQ hal- ibut, CDQ halibut, or CR | Vessel leaving Alaska. | | | | × | | |
| catcher/processor. Catcher vessel greater than 60 ft LOA, mothership or catcher/processor. | Combination of IFQ sablefish, IFQ halibut, CDQ halibut, or IFQ crab and non-IFQ | Vessel leaving Alaska. | × | | | × | | |
| Mothership, catcher/proc- essor, shoreside processor, or SFP. | Non-IFQ groundfish | Transfer of product. | | × | | | | |
| Registered Buyer | IFQ sablefish, IFQ halibut or CDQ halibut. | Transfer of product. | | × | | | | |
| Registered Crab Receiver | CR crab | Transfer of | | × | | | | |
| A person holding a valid IFQ permit, IFQ card, and Reg- istered Buver permit. | IFQ sablefish, IFQ halibut or CDQ halibut. | Transfer of product. | | | | | XXX | |
| Registered Buyer | IFQ sablefish, IFQ halibut or CDQ halibut. | Transfer from landing site | | | | | | ×× |
| | | istered Buy- er's proc- essing facil- itv. | | | | | | |
| Registered Crab Receiver | CR crab | Transfer from landing site to RCR's processing | | | | | | × |
| Vessel operator | Processed IFQ sablefish, IFQ halibut, or CR crab. | racılıry. Transshipment between vessels. | | | ХХХХ | | | |
| "X" indicates under what circ "XX" indicates that the docun "XX" indicates receipt must "XXX" indicates authorizatio | umstances each report is submitt nent must accompany the transfe be issued to each receiver in a d m must be obtained 24 hours in a | ed. r of IFQ species f ockside sale. tdvance. | rom landing site t | o processor. | | | | |

TABLE 13 TO PART 679-TRANSFER FORM SUMMARY

Pt. 679, Table 13

[70 FR 10238, Mar. 2, 2005]

Pt. 679, Table 14a

TABLE 14a TO PART 679—PORT OF LANDING CODES ¹: ALASKA

| Port name | NMFS code | ADF&G code |
|-----------------------|--------------|---------------|
| Adak | 186 | ADA |
| Akutan, Akutan Bay | 101 | AKU |
| Alitak | 103 | ALI |
| Anchorage | 105 | ANC |
| Angoon | 106 | ANG |
| Aniak | 300 | ANI |
| Anvik | 301 | ANV |
| Atka | 107 | ATK |
| Auke Bay | 136 | JNU |
| Beaver Inlet | 119 | DUT |
| Bethel | 302 | BET |
| Captains Bay | 119 | DUT |
| Chefornak | 189 | CHF |
| Chignik | 113 | CHG |
| Cordova | 115 | COR |
| Craig | 116 | CRG |
| Dillingham | 117 | DIL |
| Douglas | 136 | JNU |
| Dutch Harbor/Unalaska | 119 | DUT |
| Egegik | 122 | EGE |
| Ekuk | 303 | EKU |
| Elfin Cove | 123 | ELF |
| Emmonak | 304 | ЕММ |
| Excursion Inlet | 124 | XIP |
| False Pass | 125 | FSP |
| Fairbanks | 305 | FBK |
| Galena | 306 | GAL |
| Glacier Bay | 307 | GLB |
| Glennallen | 308 | GLN |
| Gustavus | 127 | GUS |
| Haines | 128 | HNS |
| Halibut Cove | 130 | нвс |
| Homer | 132 | ном |
| Hoonah | 133 | HNH |
| Hydaburg | 309 | HYD |
| Hyder | 134 | HDR |
| | | |

| Port name | NMFS code | ADF&G code |
|---------------------------|--------------|---------------|
| Juneau | 136 | JNU |
| Kake | 137 | КАК |
| Kaltag | 310 | KAL |
| Kasilof | 138 | KAS |
| Kenai | 139 | KEN |
| Kenai River | 139 | KEN |
| Ketchikan | 141 | KTN |
| King Cove | 142 | ксо |
| King Salmon | 143 | KNG |
| Kipnuk | 144 | KIP |
| Klawock | 145 | KLA |
| Kodiak | 146 | KOD |
| Kotzebue | 311 | кот |
| Mekoryuk | 147 | MEK |
| Metlakatla | 148 | MET |
| Moser Bay | 312 | MOS |
| Naknek | 149 | NAK |
| Nenana | 313 | NEN |
| Nikiski (or Nikishka) | 150 | NIK |
| Ninilchik | 151 | NIN |
| Nome | 152 | NOM |
| Nunivak Island | 314 | NUN |
| Old Harbor | 153 | OLD |
| Other Alaska ¹ | 499 | OAK |
| Pelican | 155 | PEL |
| Petersburg | 156 | PBG |
| Port Alexander | 158 | PAL |
| Port Armstrong | 315 | PTA |
| Port Bailey | 159 | PTB |
| Port Graham | 160 | GRM |
| Port Lions | 316 | LIO |
| Port Moller | 317 | MOL |
| Port Protection | 161 | PRO |
| Quinhagak | 187 | QUK |
| Sand Point | 164 | SPT |
| Savoonga | 165 | SAV |
| Selawik | 326 | SWK |

| Pt. 679. Table | 14b |
|----------------|-----|
|----------------|-----|

| Port name | NMFS code | ADF&G code |
|-----------------|--------------|---------------|
| Seldovia | 166 | SEL |
| Seward | 167 | SEW |
| Sitka | 168 | SIT |
| Skagway | 169 | SKG |
| Soldotna | 318 | SOL |
| St. George | 170 | STG |
| St. Mary | 319 | STM |
| St. Paul | 172 | STP |
| Tee Harbor | 136 | JNU |
| Tenakee Springs | 174 | TEN |
| Togiak | 176 | TOG |

| Port name | NMFS code | ADF&G code |
|----------------|--------------|---------------|
| Toksook Bay | 177 | тов |
| Tununak | 178 | TUN |
| Ugashik | 320 | UGA |
| Unalakleet | 321 | UNA |
| Valdez | 181 | VAL |
| Wasilla | 322 | WAS |
| Whittier | 183 | WHT |
| Wrangell | 184 | WRN |
| Yakutat | 185 | YAK |
| 4 - | | |

¹To report a landing at a location not currently assigned a location code number, use the code for "Other Alaska" code "499" or "OAK."

[70 FR 33393, June 8, 2005]

TABLE 14b TO PART 679—PORT OF LANDING CODES: NON-ALASKA (CALIFORNIA, CANADA, OREGON, WASHINGTON)

| Port State or Country | Port name | NMFS code | ADF&G code |
|-----------------------|-------------------------------|-----------|------------|
| CALIFORNIA | Eureka | 500 | EUR |
| | Other California ¹ | 599 | OCA |
| CANADA | Other Canada ¹ | 899 | OCN |
| | Port Edward | 802 | PRU |
| | Prince Rupert | 802 | PRU |
| OREGON | Astoria | 600 | AST |
| | Newport | 603 | NPT |
| | Other Oregon ¹ | 699 | OOR |
| | Portland | 323 | POR |
| | Warrenton | 604 | WAR |
| WASHINGTON | Anacortes | 700 | ANA |
| | Bellingham | 702 | BEL |
| | Blaine | 717 | BLA |
| | Everett | 704 | EVT |
| | La Conner | 708 | LAC |
| | Olympia | 324 | OLY |
| | Other Washington ¹ | 799 | OWA |
| | Seattle | 715 | SEA |
| | Tacoma | 325 | TAC |

¹To report a landing at a location not currently assigned a location code number, use the code for "Other California," "Other Oregon," "Other Washington," or Other Canada" at which the landing occurs.

[70 FR 33394, June 8, 2005]

Pt. 679, Table 14c

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TABLE 14c—At-sea Operation Type Codes To Be Used as Port Codes for Vessels Matching This Type of Operation

| | Description of code | | | | |
|-------------------|--|---|--|--|--|
| Code | Code NMFS Alaska region ADF&G | | | | |
| FCP FLD IFP | Catcher/processor Mothership Stationary Floating Processor | Floating catcher processor. Floating domestic mothership. Inshore floating processor—processing in State of Alaska waters only. | | | |

[70 FR 10238, Mar. 2, 2005]

TABLE 15 TO PART 679—GEAR CODES, DESCRIPTIONS, AND USE [X indicates where this code is used]

| | Use alphabet | ic code to co following: | mplete the | Use numeric code to complete the following: | | | | |
|---|--------------------|---|---|---|--|------------------------------|---------|---------------|
| Name of gear | Alpha gear code | NMFS logbooks & paper forms ¹ | Electronic WPR & check-in/ check-out code 1 | Numeric gear code | Shoreside electronic logbook (SSPELR) | IFQ Inter- net & forms | CR crab | ADF&G COAR |
| Diving | отн | x | х | 11 | х | | | х |
| Dredge | OTH | x | x | 22 | x | | | Х |
| Dredge, hvdro/mechanical | отн | x | x | 23 | x | | | х |
| Fish wheel | OTH | x | x | 08 | x | | | Х |
| Gillnet, drift | OTH | x | x | 03 | x | | | Х |
| Gillnet, herring | отн | x | x | 34 | x | | | х |
| Gillnet. set | OTH | x | x | 04 | x | | | х |
| Gillnet, sunken | OTH | x | x | 41 | x | | | х |
| Hand line/jig/troll (IFQ name: hand troll). | n/a | | | 05 | X | х | | x |
| Handpicked | OTH | x | x | 12 | x | | | х |
| Hatchery | n/a | | | 77 | x | | | Х |
| Hook-and-line | HAL | x | x | 61 | x | х | | х |
| Jig, mechanical (IFQ name: jigs). | JIG | x | х | 26 | х | х | | х |
| Net, dip | OTH | x | x | 13 | x | | | х |
| Net, ring | OTH | x | x | 10 | x | | | Х |
| Other/specify | OTH | x | x | 99 | x | | | Х |
| Pair trawl | (1) | | | 37 | | | | Х |
| Pot | POT | x | x | 91 | x | х | x | Х |
| Pound | OTH | x | x | 21 | x | | | Х |
| Seine, purse | OTH | x | x | 01 | x | | | Х |
| Seine, beach | OTH | x | x | 02 | x | | | Х |
| Shovel | OTH | x | x | 18 | x | | | Х |
| Trap | OTH | x | x | 90 | x | | | Х |
| Trawl. beam | (1) | | | 17 | x | | | х |
| Trawl, double otter | (1) | | | 27 | x | | x | |
| Trawl, nonpelagic/bottom | NPT | x | x | 07 | x | | | Х |
| Trawl, pelagic/midwater | PTR | x | x | 47 | x | | | х |
| Troll, dinglebar | TROLL | x | х | 25 | x | х | | х |
| Troll, power gurdy | TROLL | x | х | 15 | x | х | | х |
| Weir | OTH | x | х | 14 | х | | | х |

¹ For groundfish logbooks, forms, electronic WPR, electronic check-in/out reports: all trawl gear must be reported as either nonpelagic trawl (NPT) or pelagic trawl (PTR).

[70 FR 10238, Mar. 2, 2005]

| TABLE 16 TO | PART 679- | -Area | CODES | AND | DESCRII | PTIONS | FOR | USE | With | State | OF |
|-------------|-----------|-------|--------|------|---------|--------|------|------|--------|-------|----|
| ALASK | A ADF&G | COMMI | ERCIAL | OPEI | RATOR'S | ANNU | AL R | EPOR | т (CO. | AR) | |

| COAR: Name (Code) | Species | ADF&G Fish- eries Man- age- ment Areas | Area Description in ADF&G Regula- tions |
|--|---|--|--|
| Alaska Peninsula South Peninsula (MS) North Peninsula (MN) | King Crab: AK Peninsula/Aleutian Islands Salmon | M M M | 5 AAC 34.500 5 AAC 12.100 (Aleutians) 5 AAC 09.100 (AK Peninsula) |
| Bering Sea: Pribilof Island (Q1) St. Matthew Island Q2) | Herring Bering Sea King Crab Bering Sea/Kotzebue Herring | M Q Q | 5 AAC 27.600 5 AAC 34.900 5 AAC 27.900 |
| St. Lawrence Island (Q4) Bristol Bay (T) | King Crab Salmon | T T T | 5 AAC 34.800 5 AAC 06.100 5 AAC 27 800 |
| Chignik (L) | Groundfish Herring Salmon | L | 5 AAC 28.500 5 AAC 27.550 5 AAC 15.100 |
| Cook Inlet: Lower Cook Inlet (HL) Upper Cook Inlet (HU) | Groundfish Herring Cook Inlet Shrimp Outer Cook Inlet Shrimp | H H H H | 5 AAC 28.300 5 AA 27.400 5 AAC 31.300 5 AA 31 400 |
| | Bungeness Crab King Crab Tanner Crab Miscellaneous Shellfish | | 5 AA 32.300 5 AA 34.300 5 AA 35.400 5 AA 38.300 |
| Dutch Harbor (O) EEZ (Federal waters of BSAI (FB) | Salmon | H O n/a | 5 AA 21.100 5 AA 34.600 n/a |
| GOA (FG) Kodiak (western GOA) (K) | Atka-Amila Islands Salmon Groundfish Herring | n/a K K | 5 AAC 11.1010 5 AAC 28.400 5 AAC 27.500 5 AAC 34 400 |
| | Salmon Shrimp Dungeness Crab | K J J | 5 AAC 18.100 5 AAC 31.500 5 AAC 32.400 |
| Kotzebue (X) | Tanner Crab Miscellaneous Shellfish Salmon | J X | 5 AAC 35.500 5 AAC 38.400 5 AAC 03.100 |
| Kuskokwim: Kuskokwim River/Bay (W1) Security Cove (W2) Goodnews Bay (W3) Nelson Island (W4) Ninivak Island (W5) Cape Avinof (W6) | Salmon Herring | W | 5 AAC 07.100 5AAC 27.870 |
| Norton Sound (Z) | Norton Sound-Port Clarence Salmon Norton Sound-Port Clarence King Crab | z | 5 AAC 04.100 |
| Prince William Sound (E) | Groundfish | E E E E E E | 5 AAC 28.200 5 AAC 27.300 5 AAC 31.200 5 AAC 32.200 5 AAC 32.200 5 AAC 35.300 5 AAC 35.300 |
| | Salmon | E | 5 AAC 38.200 5 AAC 24.100 |

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| COAR: Name (Code) | Species | ADF&G Fish- eries Man- age- ment Areas | Area Description in ADF&G Regula- tions |
|--|---|--|---|
| Southeast: | Groundfish | A | 5 AAC 28,100 |
| Juneau/Haines (A1) | Southeast (w/o Yakutat) Herring | A | 5 AAC 27.100 |
| Yakutat (A2) | Yakutat Herring | D | 5 AAC 27.200 |
| Ketchikan/Craig (B) | Southeast (w/o Yakutat) Shrimp | A | 5 AAC 31.100 |
| Petersburg/Wrangell (C) | Yakutat Shrimp | D | 5 AAC 31.150 |
| Sitka/Pelican (D) | Southeast (w/o Yakutat) Dungeness Crab | A | 5 AAC 32.100 |
| | Yakutat Dungeness Crab | D | 5 AAC 32.155 |
| | Southeast (w/o Yakutat) Dungeness, King Crab | A | 5 AAC 34.100 |
| | Yakutat King Crab | D | 5 AAC 34.160 |
| | Southeast (w/o Yakutat) Tanner Crab | A | 5 AAC 35.100 |
| | Yakutat Tanner Crab | D | 5 AAC 35.160 |
| | Southeast (w/o Yakutat) Miscellaneous Shellfish | A | 5 AAC 38.100 |
| | Yakutat Miscellaneous Shellfish | D | 5 AAC 38.160 |
| | Southeast (w/o Yakutat) Salmon | A | 5 AAC 33.100 |
| | Yakutat Salmon | D | 5 AAC 29.010 5 AAC 30.100 |
| Yukon River: Lower Yukon (YL) Upper Yukon (YU) | Yukon-Northern Salmon | Y | 5 AAC 05.100 |

[66 FR 55126, Nov. 1, 2001]

TABLE 17 TO PART 679—PROCESS CODES FOR USE WITH STATE OF ALASKA COMMERCIAL OPERATOR'S ANNUAL REPORT (COAR)

| Codes | Process Codes and Description |
|--------------|--------------------------------------|
| Prefix Codes | 1-Fresh |
| | 2-Frozen |
| | 3-Salted/brined |
| | 4–Smoked |
| | 5-Canned |
| | 6–Cooked |
| | 7–Live |
| | 8–Dry |
| | 9–Pickled |
| | 11-Minced |
| Suffix Codes | 0–General |
| | 1-Canned Conv. |
| | 2-Canned smoked |
| | 8-Vacuum packed |
| | B-Block |
| | I-Individual quick frozen (IQF) pack |
| | S-Shatter pack |

[66 FR 43527, Aug. 20, 2001]

Pt. 679, Table 19

| Fishery | Form Number and Name | | | | |
|--------------------------------|--|--|--|--|--|
| Salmon | Salmon Buving | | | | |
| | (A)(1) Seine gear | | | | |
| | (A)(1) Gillnet gear | | | | |
| | (A)(2) Troll gear | | | | |
| | (A)(2) Hatchery | | | | |
| | (A)(3) Miscellaneous gear | | | | |
| | King Salmon Production | | | | |
| | (B)(1) Production | | | | |
| | (B)(1) Canned Production | | | | |
| | Sockeye Salmon Production: | | | | |
| | (B)(2)(i) Production | | | | |
| | (B)(2)(ii) Canned Production | | | | |
| | Coho Salmon Production | | | | |
| | (B)(3)(i) Production | | | | |
| | (B)(3)(ii) Canned Production | | | | |
| | Pink Salmon Production | | | | |
| | (B)(4)(i) Production | | | | |
| | (B)(4)(ii) Canned Production | | | | |
| | Chum Salmon Production | | | | |
| | (B)(5)(i) Production | | | | |
| | (B)(5)(ii) Canned Production | | | | |
| | Salmon Roe & Byproduct Production | | | | |
| | (B)(6)(1) Roe | | | | |
| | (B)(6)(II) Byproduct Production | | | | |
| Herring | Herring Buying | | | | |
| | (C)(1)(i) Seine gear | | | | |
| | (C)(1)(ii) Gillnet gear | | | | |
| | (C)(2)(i) Glinet gear | | | | |
| | (C)(2)(II) Pound gear | | | | |
| | (C)(2)(III) Hand-pick gear | | | | |
| | Herring Production | | | | |
| | (D)(1)(1) Production | | | | |
| Quel | (D)(1)(II) Byproduct Production | | | | |
| Crab | (E) Crab Buying | | | | |
| | (F) Grab Production | | | | |
| Shrimp/Miscellaneous Shellfish | (G) Shrimp/Misc.Shelifish Buying | | | | |
| | (G)(1)(I) Trawl gear | | | | |
| | (G)(I)(II) Pot gear | | | | |
| | (G)(1)(iii) Diving/picked gear | | | | |
| | (G)(T)(IV) Other gear (Specify) | | | | |
| Croundfish | (1) Shimp/wise. Shemish/ mish Production | | | | |
| Groundlish | (I)(I) Groundish Buying | | | | |
| | (I)(2) Groundlish Buyling | | | | |
| | (J)(1) Groundlish Production | | | | |
| Lalibut | (V) Lelibut Duning & Breduction | | | | |
| Custom Dreduction | | | | | |
| Custom Production | Custom Production | | | | |
| | (L)(1) Associated Flocessols | | | | |
| | (L)(1)(I) Custom Fresh/Flozen | | | | |
| | (L)(1)(iii) Misc. production | | | | |
| | (1)(2) (additional sheet) | | | | |
| | | | | | |
| DDICES NOT EINAL | | | | | |

| TABLE 18 TO | Part 679— | REQUIRED | BUYING | and F | RODUCTION | Forms | FOR | USE | With |
|-------------|-----------|----------|----------|-------|-----------|--------|-----|-----|------|
| STATE | OF ALASKA | COMMERCE | IAL OPEI | RATOR | 'S ANNUAL | Report | (CO | AR) | |

[66 FR 55128, Nov. 1, 2001]

TABLE 19 TO PART 679—SEABIRD AVOIDANCE GEAR CODES

| Vessel Logbook | | | | | |
|----------------|---|--|--|--|--|
| Code | Seabird Avoidance Gear or Method | | | | |
| 1 | Paired Streamer Lines: Used during deployment of hook-and-line gear to prevent birds from taking hooks. Two streamer lines used, one on each side of the main groundline. Each streamer line consists of three components: a length of line, streamers attached along a portion of the length and one or more float devices at the terminal end. See performance and material standards at § 679.24(e)(5)(iii). | | | | |

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| | Vessel Logbook |
|------|--|
| Code | Seabird Avoidance Gear or Method |
| 2 | Single Streamer Line: Used during deployment of hook-and-line gear to prevent birds from taking hooks. The streamer line consists of three components: a length of line, streamers attached along a portion of the length and one or more float devices at the terminal end. See performance and material standards at § 679.24(e)(5)(ii). |
| 3 | Single Streamer Line, used with Snap Gear. Used during the deployment of snap gear to prevent birds from taking hooks. The streamer line consists of three components: a length of line, streamers attached along a portion of the length and one or more float devices at the terminal end. See performance and material standards at §679.24(e)(5)(iv). |
| 4 | Buoy Bag Line: Used during the deployment of hook-and-line gear to prevent birds from taking hooks. A buoy bag line consists of two components: a length of line (without streamers attached) and one or more float devices at the terminal end. See performance and material standards at § 679.24(e)(5)(i). Other Device used in conjunction with Single Streamer Line or Buoy Bag Line. |
| 5 | Add weights to groundline: Applying weights to the groundline for the purpose of sinking the hook-and-line gear more quickly and preventing seabirds from accessing the baited hooks. |
| 6 | Additional Buoy Bag Line or Single Streamer Line: Using a second buoy bag line or streamer line for the purpose of enhancing the effectiveness of these deterrent devices at preventing seabirds from accessing baited hooks. |
| 7 | Strategic Offal Discharge: Discharging fish, fish parts (i.e. offal) or spent bait for the purpose of distracting seabirds away from the main groundline while setting gear. Additional Device Used |
| 8 | Night Fishing: Setting hook-and-line gear during dark hours. Line Shooter: A hydraulic device designed to deploy hook-and-line gear at a speed slightly faster than the vessel's speed during setting. Lining Tube: A device used to deploy hook-and-line gear through an underwater-setting device. Other (Describe) |
| 9 | No Deterrent Used Due to Weather. [See weather exceptions at §679.24(e)(5)(i)(B), (e)(5)(ii)(B), (e)(5)(iii)(B), (e)(5)(iii)(B).] |
| 0 | No Deterrent Used. |

[69 FR 1949, Jan. 13, 2004]

TABLE 20 TO PART 679—SEABIRD AVOIDANCE GEAR REQUIREMENTS FOR VESSELS, BASED ON AREA, GEAR, AND VESSEL TYPE. (SEE 679.24(e) for complete seabird avoidance program requirements; see 679.24(e)(1) for applicable fisheries)

| If you operate a vessel deploying hook-and-line gear, other than snap gear, in waters specified at §679.24(e)(3), and your vessel is | Then you must use this seabird avoidance gear in con- junction with requirements at §679.24(e) |
|--|---|
| | |

| >26 ft (7.9 m) to 55 ft (16.8 m) LOA and without masts, poles, or rigging | minimum of one buoy bag line |
|---|---|
| >26 ft (7.9 m) to 55 ft (16.8 m) LOA and with masts, poles, or rigging | minimum of a single streamer line of a standard specified at $\$679.24(e)(4)(ii)$ |
| >55 ft (16.8 m) LOA | minimum of paired streamer lines of a standard specified at § 679.24(e)(4)(iii) |
| If you operate a vessel deploying hook-and-line gear and use snap gear in waters specified at §679.24(e)(3), and your vessel is | Then you must use this seabird avoidance gear in con- junction with requirements at §679.24(e) |
| >26 ft (7.9 m) to 55 ft (16.8 m) LOA and without masts, poles, or rigging | minimum of one buoy bag line |
| >26 ft (7.9 m) to 55 ft (16.8 m) LOA and with masts, poles, or rigging | minimum of a single streamer line of a standard specified at § 679.24(e)(4)(iv) |
| >55 ft (16.8 m) LOA | minimum of a single streamer line of a standard specified at § 679.24(e)(4)(iv) |

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If you operate a vessel < 32 ft (9.8 m) LOA in the State wa-ters of IPHC Area 4E, or operate a vessel in NMFS Re-porting Area 649 (Prince William Sound), State waters of Cook Inlet, and NMFS Reporting Area 659 (Eastern GOA Regulatory Area, Southeast Inside District), but not in-Then you are exempt from seabird avoidance regulations. cluding waters in the areas south of a straight line at latitude 56 deg. 17.25 N between Point Harris and Port Armstrong in Chatham Strait, State statistical areas 325431 and 325401, and west of a straight line at lon-gitude 136 deg. 21.17 E from Point Wimbledon extending south through the Inian Islands to Point Lavinia

[72 FR 71605, Dec. 18, 2007]

TABLE 21 TO PART 679—ELIGIBLE GOA COMMUNITIES, HALIBUT IFQ REGULATORY USE AREAS, AND COMMUNITY GOVERNING BODY THAT RECOMMENDS THE COMMUNITY QUOTA ENTITY

| May use halibut QS only in halib | but IFQ regulatory areas 2C, 3A | | | | | |
|--|--|--|--|--|--|--|
| | May use halibut QS only in halibut IFQ regulatory areas 2C, 3A | | | | | |
| Angoon Ci Coffman Cove Ci Craig Ci Edna Bay Ei Elfin Cove Ci Gustavus Gi Hollis Hi Hoonah Ci Hydaburg Ci Kasaan Ci Klawock Ci Metlakatla Ma Meyers Chuck Pi Point Baker Pi Port Protection Pi Tenakee Springs Ci Thome Bay Ci Whale Pass W | City of Angoon City of Coffman Cove City of Coffman Cove City of Craig Edna Bay Community Association Community of Elfin Cove Sustavus Community Association Hollis Community Association Hollis Community Council City of Hoonah City of Hoonah City of Hoonah City of Hoah City of Kasean City of Kasean City of Kasean City of Kasean City of Vasean City of Pelican Point Baker Community City of Pelican Port Alexander Port Protection Community Association City of Tenakee Springs City of Thome Bay Whale Pass Community Association | | | | | |

May use halibut QS only in halibut IFQ regulatory areas 3A, 3B

| Akhiok | City of Akhiok |
|----------------|----------------------------------|
| Chenega Bay | Chenega IRA Village |
| Chignik | City of Chignik |
| Chignik Lagoon | Chignik Lagoon Village Council |
| Chignik Lake | Chignik Lake Traditional Council |
| Halibut Cove | N/A |
| Ivanof Bay | Ivanof Bay Village Council |
| Karluk | Native Village of Karluk |
| King Cove | City of King Cove |
| Larsen Bay | City of Larsen Bay |
| Nanwalek | Nanwalek IRA Council |
| Old Harbor | City of Old Harbor |
| Ouzinkie | City of Ouzinkie |
| Perryville | Native Village of Perryville |
| Port Graham | Port Graham Village Council |
| Port Lyons | City of Port Lyons |
| Sand Point | City of Sand Point |
| Seldovia | City of Seldovia |
| Tatitlek | Native Village of Tatitlek |
| Tyonek | Native Village of Tyonek |
| Yakutat | City of Yakutat |

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[69 FR 23694, Apr. 30, 2004]

| | News | L - Maria - | L a se altra da |
|----------|-------------------------------|--|---|
| Area No. | Name | Latitude | Longitude |
| 1 | Dickins Seamount | 54 39.00 N 54 39.00 N 54 27.00 N 54 27.00 N | 136 48.00 W 137 9.00 W 137 9.00 W 136 48.00 W |
| 2 | Denson Seamount | 54 13.20 N 54 13.20 N 53 57.00 N 53 57.00 N | 137 6.00 W 137 36.00 W 137 36.00 W 137 6.00 W |
| 3 | Brown Seamount | 55 0.00 N 55 0.00 N 54 48.00 N 54 48.00 N | 138 24.00 W 138 48.00 W 138 48.00 W 138 24.00 W |
| 4 | Welker Seamount | 55 13.80 N 55 13.80 N 55 1.80 N 55 1.80 N | 140 9.60 W 140 33.00 W 140 33.00 W 140 9.60 W |
| 5 | Dall Seamount | 58 18.00 N 58 18.00 N 57 45.00 N 57 45.00 N | 144 54.00 W 145 48.00 W 145 48.00 W 144 54.00 W |
| 6 | Quinn Seamount | 56 27.00 N 56 27.00 N 56 12.00 N 56 12.00 N | 145 0.00 W 145 24.00 W 145 24.00 W 145 0.00 W |
| 7 | Giacomini Seamount | 56 37.20 N 56 37.20 N 56 25.20 N 56 25.20 N | 146 7.20 W 146 31.80 W 146 31.80 W 146 7.20 W |
| 8 | Kodiak Seamount | 57 0.00 N 57 0.00 N 56 48.00 N 56 48.00 N | 149 6.00 W 149 30.00 W 149 30.00 W 149 30.00 W 149 6.00 W |
| 9 | Odessey Seamount | 54 42.00 N 54 42.00 N 54 30.00 N 54 30.00 N | 149 30.00 W 150 0.00 W 150 0.00 W 149 30.00 W |
| 10 | Patton Seamount | 54 43.20 N 54 43.20 N 54 34.20 N 54 34.20 N | 150 18.00 W 150 36.00 W 150 36.00 W 150 18.00 W |
| 11 | Chirikof & Marchand Seamounts | 55 6.00 N 55 6.00 N 54 42.00 N 54 42.00 N | 151 0.00 W 153 42.00 W 153 42.00 W 151 0.00 W |
| 12 | Sirius Seamount | 52 6.00 N 52 6.00 N 51 57.00 N 51 57.00 N | 160 36.00 W 161 6.00 W 161 6.00 W 160 36.00 W |
| 13 | Derickson Seamount | 53 0.00 N 53 0.00 N 52 48.00 N 52 48.00 N | 161 0.00 W 161 30.00 W 161 30.00 W 161 0.00 W |
| 14 | Unimak Seamount | 53 48.00 N 53 48.00 N 53 39.00 N 53 39.00 N | 162 18.00 W 162 42.00 W 162 42.00 W 162 18.00 W |
| 15 | Bowers Seamount | 54 9.00 N | 174 52.20 E |

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| Area No. | Name | Latitude | Longitude | |
|----------|------|-------------------------------------|---|--|
| | | 54 9.00 N 54 4.20 N 54 4.20 N | 174 42.00 E 174 42.00 E 174 52.20 E | |

Note: Each area is delineated by connecting the coordinates in the order listed by straight lines. The last set of coordinates for each area is connected to the first set of coordinates for the area by a straight line. Projected coordinate system is North American Datum 1983, Albers.

[71 FR 36703, June 28, 2006]

TABLE 23 TO PART 679—ALEUTIAN ISLANDS CORAL HABITAT PROTECTION AREAS

| Area No. | Name | Latitude | Longitude |
|----------|-----------------|------------|-------------|
| 1 | Great Sitkin I | 52 9.56 N | 176 6.14 W |
| | | 52 9.56 N | 176 12.44 W |
| | | 52 4.69 N | 176 12.44 W |
| | | 52 6.59 N | 176 6.12 W |
| 2 | Cape Moffett I | 52 0.11 N | 176 46.65 W |
| | | 52 0.10 N | 176 53.00 W |
| | | 51 55.69 N | 176 53.00 W |
| | | 51 55.69 N | 176 48.59 W |
| | | 51 57.96 N | 176 46.52 W |
| 3 | Adak Canvon | 51 39 00 N | 177 0 00 W |
| • | | 51 39.00 N | 177 3.00 W |
| | | 51 30.00 N | 177 3.00 W |
| | | 51 30.00 N | 177 0.00 W |
| 4 | Bobrof I | 51 57.35 N | 177 19.94 W |
| | | 51 57.36 N | 177 29.11 W |
| | | 51 51.65 N | 177 29.11 W |
| | | 51 51.71 N | 177 19.93 W |
| 5 | Ulak I | 51 25.85 N | 178 59.00 W |
| - | | 51 25.69 N | 179 6.00 W |
| | | 51 22.28 N | 179 6.00 W |
| | | 51 22.28 N | 178 58.95 W |
| 6 | Semisopochnoi I | 51 53.10 N | 179 53.11 E |
| - | | 51 53.10 N | 179 46.55 E |
| | | 51 48.84 N | 179 46.55 E |
| | | 51 48.89 N | 179 53.11 E |
| | | | |

Note: Each area is delineated by connecting the coordinates in the order listed by straight lines. The last set of coordinates for each area is connected to the first set of coordinates for the area by a straight line. Projected coordinate system is North American Datum 1983, Albers.

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| Name | | Latitude | | I | ongitude | : | Footnotes |
|--------------------------------|----|----------|---|-----|----------|---|-----------|
| 1. Islands of 4 Mountains | 52 | 54.00 | N | 170 | 18.00 | W | - |
| North | 52 | 54.00 | N | 170 | 24.00 | W | |
| | 52 | 42.00 | N | 170 | 24.00 | W | |
| | 52 | 42.00 | N | 170 | 18.00 | W | |
| 2. Islands of 4 Mountains West | 53 | 12.00 | N | 170 | 0.00 | W | |
| | 53 | 12.00 | N | 170 | 12.00 | W | |
| | 53 | 6.00 | N | 170 | 12.00 | W | |
| | 53 | 6.00 | N | 170 | 30.00 | W | |
| | 53 | 0.00 | N | 170 | 30.00 | W | |
| | 53 | 0.00 | N | 170 | 48.00 | W | |
| | 52 | 54.00 | N | 170 | 48.00 | W | |
| | 52 | 54.00 | N | 170 | 54.00 | W | |
| | 52 | 48.00 | N | 170 | 54.00 | W | |
| | 52 | 48.00 | N | 170 | 30.00 | W | |
| | 52 | 54.00 | N | 170 | 30.00 | W | |
| | 52 | 54.00 | N | 170 | 24.00 | W | |
| | 53 | 0.00 | N | 170 | 24.00 | W | |
| | 53 | 0.00 | N | 170 | 0.00 | W | |
| 3. Yunaska I. South | 52 | 24.00 | N | 170 | 30.00 | W | |
| | 52 | 24.00 | N | 170 | 54.00 | W | |
| | 52 | 12.00 | N | 170 | 54.00 | W | |
| | 52 | 12.00 | N | 170 | 30.00 | W | |
| 4. Amukta I. North | 52 | 54.00 | N | 171 | 6.00 | W | |
| | 52 | 54.00 | N | 171 | 30.00 | W | |
| | 52 | 48.00 | N | 171 | 30.00 | W | |
| | 52 | 48.00 | N | 171 | 36.00 | W | |
| | 52 | 42.00 | N | 171 | 36.00 | W | |
| | 52 | 42.00 | N | 171 | 12.00 | W | |
| | 52 | 48.00 | N | 171 | 12.00 | W | |
| | 52 | 48.00 | N | 171 | 6.00 | W | |
| 5. Amukta Pass North | 52 | 42.00 | N | 171 | 42.00 | W | |
| | 52 | 42.00 | N | 172 | 6.00 | W | |

TABLE 24 TO PART 679—EXCEPT AS NOTED, LOCATIONS IN THE ALEUTIAN ISLANDSHABITAT CONSERVATION AREA OPEN TO NONPELAGIC TRAWL FISHING

| Name | | Latitude | | I | Longitude | e | Footnotes |
|-----------------------|----|----------|---|-----|-----------|---|-----------|
| | 52 | 36.00 | Ν | 172 | 6.00 | W | |
| | 52 | 36.00 | Ν | 171 | 42.00 | W | |
| 6. Amlia North/Seguam | 52 | 42.00 | Ν | 172 | 12.00 | W | |
| | 52 | 42.00 | N | 172 | 30.00 | W | |
| | 52 | 30.00 | Ν | 172 | 30.00 | W | |
| | 52 | 30.00 | Ν | 172 | 36.00 | W | |
| | 52 | 36.00 | Ν | 172 | 36.00 | W | |
| | 52 | 36.00 | Ν | 172 | 42.00 | W | |
| | 52 | 39.00 | Ν | 172 | 42.00 | W | |
| | 52 | 39.00 | N | 173 | 24.00 | W | |
| | 52 | 36.00 | N | 173 | 30.00 | W | |
| | 52 | 36.00 | Ν | 173 | 36.00 | W | |
| | 52 | 30.00 | N | 173 | 36.00 | W | |
| | 52 | 30.00 | N | 174 | 0.00 | W | |
| | 52 | 27.00 | N | 174 | 0.00 | W | |
| | 52 | 27.00 | Ν | 174 | 6.00 | W | |
| | 52 | 23.93 | Ν | 174 | 6.00 | W | 1 |
| | 52 | 13.71 | Ν | 174 | 6.00 | W | |
| | 52 | 12.00 | Ν | 174 | 6.00 | W | |
| | 52 | 12.00 | N | 174 | 0.00 | W | |
| | 52 | 9.00 | Ν | 174 | 0.00 | W | |
| | 52 | 9.00 | Ν | 173 | 0.00 | W | |
| | 52 | 6.00 | N | 173 | 0.00 | W | |
| | 52 | 6.00 | N | 172 | 45.00 | W | |
| | 51 | 54.00 | N | 172 | 45.00 | W | |
| | 51 | 54.00 | N | 171 | 48.00 | W | |
| | 51 | 48.00 | N | 171 | 48.00 | W | |
| | 51 | 48.00 | Ν | 171 | 42.00 | W | |
| | 51 | 54.00 | N | 171 | 42.00 | W | |
| | 52 | 12.00 | Ν | 171 | 42.00 | W | |
| | 52 | 12.00 | Ν | 171 | 48.00 | W | |
| | 52 | 18.00 | N | 171 | 48.00 | W | |
| | 52 | 18.00 | N | 171 | 42.00 | W | |
| | 52 | 30.00 | N | 171 | 42.00 | W | |
| | 52 | 30.00 | Ν | 171 | 54.00 | W | |
| | 52 | 24.00 | N | 171 | 54.00 | W | |
| | 52 | 24.00 | Ν | 172 | 0.00 | W | |

| Name | | Latitude | | I | ongitude | | Footnotes |
|-----------------------------|----|----------|---|-----|----------|---|-----------|
| | 52 | 12.00 | N | 172 | 0.00 | W | |
| | 52 | 12.00 | N | 172 | 42.00 | W | |
| | 52 | 18.00 | N | 172 | 42.00 | W | |
| | 52 | 18.00 | N | 172 | 37.13 | W | 2 |
| | 52 | 18.64 | Ν | 172 | 36.00 | W | |
| | 52 | 24.00 | Ν | 172 | 36.00 | W | |
| | 52 | 24.00 | N | 172 | 12.00 | W | 6 |
| 7. Amlia North/Seguam donut | 52 | 33.00 | N | 172 | 42.00 | W | 5 |
| | 52 | 33.00 | N | 173 | 6.00 | W | 5 |
| | 52 | 30.00 | N | 173 | 6.00 | W | 5 |
| | 52 | 30.00 | N | 173 | 18.00 | W | 5 |
| | 52 | 24.00 | N | 173 | 18.00 | W | 5 |
| | 52 | 24.00 | N | 172 | 48.00 | W | 5 |
| | 52 | 30.00 | N | 172 | 48.00 | W | 5 |
| | 52 | 30.00 | N | 172 | 42.00 | W | 5,7 |
| 8. Atka/Amlia South | 52 | 0.00 | N | 173 | 18.00 | W | |
| | 52 | 0.00 | N | 173 | 54.00 | W | |
| | 52 | 3.08 | N | 173 | 54.00 | W | 2 |
| | 52 | 6.00 | Ν | 173 | 58.00 | W | |
| | 52 | 6.00 | N | 174 | 6.00 | W | |
| | 52 | 0.00 | N | 174 | 18.00 | W | |
| | 52 | 0.00 | N | 174 | 12.00 | W | |
| | 51 | 54.00 | N | 174 | 12.00 | W | |
| | 51 | 54.00 | N | 174 | 18.00 | W | |
| | 52 | 6.00 | N | 174 | 18.00 | W | |
| | 52 | 6.00 | N | 174 | 21.86 | W | 1 |
| | 52 | 4.39 | N | 174 | 30.00 | W | |
| | 52 | 3.09 | N | 174 | 30.00 | W | 1 |
| | 52 | 2.58 | N | 174 | 30.00 | W | |
| | 52 | 0.00 | Ν | 174 | 30.00 | W | |
| | 52 | 0.00 | Ν | 174 | 36.00 | W | |
| | 51 | 54.00 | Ν | 174 | 36.00 | W | |
| | 51 | 54.00 | N | 174 | 54.00 | W | |
| | 51 | 48.00 | N | 174 | 54.00 | W | |
| | 51 | 48.00 | N | 173 | 24.00 | W | |
| | 51 | 54 00 | N | 173 | 24.00 | W | |

| Name | | Latitude | | I | ongitude | | Footnotes |
|-------------------|----|----------|---|-----|----------|---|-----------|
| | 51 | 54.00 | Ν | 173 | 18.00 | W | |
| 9. Atka I. North | 52 | 30.00 | N | 174 | 24.00 | W | |
| | 52 | 30.00 | N | 174 | 30.00 | W | |
| | 52 | 24.00 | N | 174 | 30.00 | W | |
| | 52 | 24.00 | N | 174 | 48.00 | W | |
| | 52 | 18.00 | N | 174 | 48.00 | W | |
| | 52 | 18.00 | Ν | 174 | 54.00 | W | |
| | 52 | 12.00 | Ν | 174 | 54.00 | W | |
| | 52 | 12.00 | N | 175 | 18.00 | W | |
| | 52 | 1.14 | N | 175 | 18.00 | W | 1 |
| | 52 | 2.19 | N | 175 | 12.00 | W | |
| | 52 | 6.00 | N | 175 | 12.00 | W | |
| | 52 | 6.00 | Ν | 174 | 55.51 | W | 1 |
| | 52 | 6.00 | N | 174 | 54.04 | W | |
| | 52 | 6.00 | N | 174 | 48.00 | W | |
| | 52 | 12.00 | N | 174 | 48.00 | W | |
| | 52 | 12.00 | Ν | 174 | 26.85 | W | 1 |
| | 52 | 12.94 | N | 174 | 18.00 | W | |
| | 52 | 16.80 | Ν | 174 | 18.00 | W | 1 |
| | 52 | 17.06 | N | 174 | 18.00 | W | |
| | 52 | 17.64 | N | 174 | 18.00 | W | 1 |
| | 52 | 18.00 | N | 174 | 19.12 | W | |
| | 52 | 18.00 | N | 174 | 20.04 | W | 1 |
| | 52 | 19.37 | Ν | 174 | 24.00 | W | |
| 10. Atka I. South | 52 | 0.68 | N | 175 | 12.00 | W | 2 |
| | 52 | 0.76 | Ν | 175 | 18.00 | W | |
| | 52 | 0.00 | N | 175 | 18.00 | W | |
| | 52 | 0.00 | Ν | 175 | 12.00 | W | |
| 11. Adak I. East | 52 | 12.00 | Ν | 176 | 36.00 | W | |
| | 52 | 12.00 | Ν | 176 | 0.00 | W | |
| | 52 | 2.59 | Ν | 176 | 0.00 | W | 1 |
| | 52 | 1.79 | Ν | 176 | 0.00 | W | |
| | 52 | 0.00 | Ν | 176 | 0.00 | W | |
| | 52 | 0.00 | Ν | 175 | 48.00 | W | |
| | 51 | 57.74 | Ν | 175 | 48.00 | W | 1 |
| | 51 | 55.48 | Ν | 175 | 48.00 | W | |
| | 51 | 54.00 | N | 175 | 48.00 | W | |

| Name | | Latitude | | I | ongitude | | Footnotes |
|------------------|----|----------|---|-----|----------|---|-----------|
| | 51 | 54.00 | N | 176 | 0.00 | W | 1 |
| | 51 | 53.09 | Ν | 176 | 6.00 | W | |
| | 51 | 51.40 | Ν | 176 | 6.00 | W | 1 |
| | 51 | 49.67 | Ν | 176 | 6.00 | W | |
| | 51 | 48.73 | Ν | 176 | 6.00 | W | 1 |
| | 51 | 48.00 | Ν | 176 | 6.36 | W | |
| | 51 | 48.00 | Ν | 176 | 9.82 | W | 1 |
| | 51 | 48.00 | Ν | 176 | 9.99 | W | |
| | 51 | 48.00 | Ν | 176 | 16.19 | W | 1 |
| | 51 | 48.00 | Ν | 176 | 24.71 | W | |
| | 51 | 48.00 | Ν | 176 | 25.71 | W | 1 |
| | 51 | 45.58 | Ν | 176 | 30.00 | W | |
| | 51 | 42.00 | Ν | 176 | 30.00 | W | |
| | 51 | 42.00 | Ν | 176 | 33.92 | W | 1 |
| | 51 | 41.22 | N | 176 | 42.00 | W | |
| | 51 | 30.00 | Ν | 176 | 42.00 | W | |
| | 51 | 30.00 | Ν | 176 | 36.00 | W | |
| | 51 | 36.00 | Ν | 176 | 36.00 | W | |
| | 51 | 36.00 | Ν | 176 | 0.00 | W | |
| | 51 | 42.00 | Ν | 176 | 0.00 | W | |
| | 51 | 42.00 | Ν | 175 | 36.00 | W | |
| | 51 | 48.00 | Ν | 175 | 36.00 | W | |
| | 51 | 48.00 | Ν | 175 | 18.00 | W | |
| | 51 | 51.00 | Ν | 175 | 18.00 | W | |
| | 51 | 51.00 | Ν | 175 | 0.00 | W | |
| | 51 | 57.00 | N | 175 | 0.00 | W | |
| | 51 | 57.00 | Ν | 175 | 18.00 | W | |
| | 52 | 0.00 | Ν | 175 | 18.00 | W | |
| | 52 | 0.00 | Ν | 175 | 30.00 | W | |
| | 52 | 3.00 | Ν | 175 | 30.00 | W | |
| | 52 | 3.00 | N | 175 | 36.00 | W | |
| 12. Cape Adagdak | 52 | 6.00 | Ν | 176 | 12.44 | W | |
| | 52 | 6.00 | N | 176 | 30.00 | W | |
| | 52 | 3.00 | N | 176 | 30.00 | W | |
| | 52 | 3.00 | N | 176 | 42.00 | W | |
| | 52 | 0.00 | N | 176 | 42.00 | W | |
| | 52 | 0.00 | Ν | 176 | 46.64 | W | |

| Name | | Latitude | | I | ongitude | 1 | Footnotes |
|----------------------------|----|----------|---|-----|----------|---|-----------|
| | 51 | 57.92 | N | 176 | 46.51 | W | 1 |
| | 51 | 54.00 | N | 176 | 37.07 | W | |
| | 51 | 54.00 | N | 176 | 18.00 | W | |
| | 52 | 0.00 | N | 176 | 18.00 | W | |
| | 52 | 0.00 | N | 176 | 12.00 | W | |
| | 52 | 2.85 | N | 176 | 12.00 | W | 1 |
| | 52 | 4.69 | N | 176 | 12.44 | W | |
| 13. Cape Kiguga/Round Head | 52 | 0.00 | N | 176 | 53.00 | W | |
| | 52 | 0.00 | N | 177 | 6.00 | W | |
| | 51 | 56.06 | N | 177 | 6.00 | W | 1 |
| | 51 | 54.00 | N | 177 | 2.84 | W | |
| | 51 | 54.00 | N | 176 | 54.00 | W | |
| | 51 | 48.79 | N | 176 | 54.00 | W | 1 |
| | 51 | 48.00 | N | 176 | 50.35 | W | |
| | 51 | 48.00 | N | 176 | 43.14 | W | 1 |
| | 51 | 55.69 | N | 176 | 48.59 | W | |
| | 51 | 55.69 | N | 176 | 53.00 | W | |
| 14. Adak Strait South | 51 | 42.00 | N | 176 | 55.77 | W | |
| | 51 | 42.00 | N | 177 | 12.00 | W | |
| | 51 | 30.00 | Ν | 177 | 12.00 | W | |
| | 51 | 36.00 | N | 177 | 6.00 | W | |
| | 51 | 36.00 | Ν | 177 | 3.00 | W | |
| | 51 | 39.00 | Ν | 177 | 3.00 | W | |
| | 51 | 39.00 | N | 177 | 0.00 | W | |
| | 51 | 36.00 | Ν | 177 | 0.00 | W | |
| | 51 | 36.00 | Ν | 176 | 57.72 | W | 3 |
| 15. Bay of Waterfalls | 51 | 38.62 | Ν | 176 | 54.00 | W | |
| | 51 | 36.00 | Ν | 176 | 54.00 | W | |
| | 51 | 36.00 | Ν | 176 | 55.99 | W | 3 |
| 16. Tanaga/Kanaga North | 51 | 54.00 | Ν | 177 | 12.00 | W | |
| | 51 | 54.00 | Ν | 177 | 19.93 | W | |
| | 51 | 51.71 | Ν | 177 | 19.93 | W | |
| | 51 | 51.65 | Ν | 177 | 29.11 | W | |
| | 51 | 54.00 | N | 177 | 29.11 | W | |
| | 51 | 54.00 | Ν | 177 | 30.00 | W | |
| | 51 | 57.00 | Ν | 177 | 30.00 | W | |

| Name | | Latitude | | I | ongitude | | Footnotes |
|-------------------------|----|----------|---|-----|----------|---|-----------|
| | 51 | 57.00 | Ν | 177 | 42.00 | W | |
| | 51 | 54.00 | Ν | 177 | 42.00 | W | |
| | 51 | 54.00 | Ν | 177 | 54.00 | W | |
| | 51 | 50.92 | Ν | 177 | 54.00 | W | 1 |
| | 51 | 48.00 | Ν | 177 | 46.44 | W | |
| | 51 | 48.00 | N | 177 | 42.00 | W | |
| | 51 | 42.59 | N | 177 | 42.00 | W | 1 |
| | 51 | 45.57 | N | 177 | 24.01 | W | |
| | 51 | 48.00 | N | 177 | 24.00 | W | |
| | 51 | 48.00 | N | 177 | 14.08 | W | 4 |
| 17. Tanaga/Kanaga South | 51 | 43.78 | N | 177 | 24.04 | W | 1 |
| | 51 | 42.37 | N | 177 | 42.00 | W | |
| | 51 | 42.00 | N | 177 | 42.00 | W | |
| | 51 | 42.00 | N | 177 | 50.04 | W | 1 |
| | 51 | 40.91 | N | 177 | 54.00 | W | |
| | 51 | 36.00 | N | 177 | 54.00 | W | |
| | 51 | 36.00 | N | 178 | 0.00 | W | |
| | 51 | 38.62 | N | 178 | 0.00 | W | 1 |
| | 51 | 42.52 | N | 178 | 6.00 | W | |
| | 51 | 49.34 | N | 178 | 6.00 | W | 1 |
| | 51 | 51.35 | N | 178 | 12.00 | W | |
| | 51 | 48.00 | N | 178 | 12.00 | W | |
| | 51 | 48.00 | N | 178 | 30.00 | W | |
| | 51 | 42.00 | N | 178 | 30.00 | W | |
| | 51 | 42.00 | N | 178 | 36.00 | W | |
| | 51 | 36.26 | N | 178 | 36.00 | W | 1 |
| | 51 | 35.75 | N | 178 | 36.00 | W | |
| | 51 | 27.00 | Ν | 178 | 36.00 | W | |
| | 51 | 27.00 | N | 178 | 42.00 | W | |
| | 51 | 21.00 | N | 178 | 42.00 | W | |
| | 51 | 21.00 | Ν | 178 | 24.00 | W | |
| | 51 | 24.00 | Ν | 178 | 24.00 | W | |
| | 51 | 24.00 | N | 178 | 12.00 | W | |
| | 51 | 30.00 | Ν | 178 | 12.00 | W | |
| | 51 | 30.00 | Ν | 177 | 24.00 | W | |
| 18. Amchitka Pass East | 51 | 42.00 | Ν | 178 | 48.00 | W | |
| | 51 | 42.00 | N | 179 | 18.00 | W | |

| Name | | Latitude | | I | ongitude | | Footnotes |
|--------------------------|----|----------|----|-----|----------|---|-----------|
| | 51 | 45.00 | N | 179 | 18.00 | W | |
| | 51 | 45.00 | N | 179 | 36.00 | W | |
| | 51 | 42.00 | Ν | 179 | 36.00 | W | |
| | 51 | 42.00 | N | 179 | 39.00 | W | |
| | 51 | 30.00 | .N | 179 | 39.00 | W | |
| | 51 | 30.00 | N | 179 | 36.00 | W | |
| | 51 | 18.00 | N | 179 | 36.00 | W | |
| | 51 | 18.00 | N | 179 | 24.00 | W | |
| | 51 | 30.00 | Ν | 179 | 24.00 | W | |
| | 51 | 30.00 | Ν | 179 | 0.00 | W | |
| | 51 | 25.82 | N | 179 | 0.00 | W | |
| | 51 | 25.85 | N | 178 | 59.00 | W | |
| | 51 | 24.00 | N | 178 | 58.97 | W | |
| | 51 | 24.00 | N | 178 | 54.00 | W | |
| | 51 | 30.00 | N | 178 | 54.00 | W | |
| | 51 | 30.00 | N | 178 | 48.00 | W | |
| | 51 | 32.69 | N | 178 | 48.00 | W | 1 |
| | 51 | 33.95 | Ν | 178 | 48.00 | W | |
| 19. Amatignak I. | 51 | 18.00 | N | 178 | 54.00 | W | |
| | 51 | 18.00 | N | 179 | 5.30 | W | 1 |
| | 51 | 18.00 | N | 179 | 6.75 | W | |
| | 51 | 18.00 | N | 179 | 12.00 | W | |
| | 51 | 6.00 | Ν | 179 | 12.00 | W | |
| | 51 | 6.00 | N | 179 | 0.00 | W | |
| | 51 | 12.00 | N | 179 | 0.00 | W | |
| | 51 | 12.00 | N | 178 | 54.00 | W | |
| 20. Amchitka Pass Center | 51 | 30.00 | N | 179 | 48.00 | W | |
| | 51 | 30.00 | N | 180 | 0.00 | W | |
| | 51 | 24.00 | N | 180 | 0.00 | W | |
| | 51 | 24.00 | N | 179 | 48.00 | W | |
| 21. Amchitka Pass West | 51 | 36.00 | Ν | 179 | 54.00 | Е | |
| | 51 | 36.00 | Ν | 179 | 36.00 | Е | |
| | 51 | 30.00 | Ν | 179 | 36.00 | Е | |
| | 51 | 30.00 | Ν | 179 | 45.00 | Е | |
| | 51 | 27.00 | Ν | 179 | 48.00 | Е | |
| | 51 | 24.00 | N | 179 | 48.00 | Е | |

| Name | | Latitude | | I | ongitude | | Footnotes |
|------------------------------|----|----------|---|-----|----------|---|-----------|
| | 51 | 24.00 | N | 179 | 54.00 | Е | |
| 22. Petrel Bank | 52 | 51.00 | N | 179 | 12.00 | W | |
| | 52 | 51.00 | N | 179 | 24.00 | W | |
| | 52 | 48.00 | N | 179 | 24.00 | W | |
| | 52 | 48.00 | N | 179 | 30.00 | W | |
| | 52 | 42.00 | N | 179 | 30.00 | W | |
| | 52 | 42.00 | Ν | 179 | 36.00 | W | |
| | 52 | 36.00 | N | 179 | 36.00 | W | |
| | 52 | 36.00 | N | 179 | 48.00 | W | |
| | 52 | 30.00 | N | 179 | 48.00 | W | |
| | 52 | 30.00 | N | 179 | 42.00 | Е | |
| | 52 | 24.00 | Ν | 179 | 42.00 | Е | |
| | 52 | 24.00 | N | 179 | 36.00 | Е | |
| | 52 | 12.00 | Ν | 179 | 36.00 | Е | |
| | 52 | 12.00 | Ν | 179 | 36.00 | W | |
| | 52 | 24.00 | Ν | 179 | 36.00 | W | |
| | 52 | 24.00 | Ν | 179 | 30.00 | W | |
| | 52 | 30.00 | N | 179 | 30.00 | W | |
| | 52 | 30.00 | Ν | 179 | 24.00 | W | |
| | 52 | 36.00 | Ν | 179 | 24.00 | W | |
| | 52 | 36.00 | Ν | 179 | 18.00 | W | |
| | 52 | 42.00 | Ν | 179 | 18.00 | W | |
| | 52 | 42.00 | N | 179 | 12.00 | W | |
| 23. Rat I./Amchitka I. South | 51 | 21.00 | Ν | 179 | 36.00 | Е | |
| | 51 | 21.00 | Ν | 179 | 18.00 | Е | |
| | 51 | 18.00 | Ν | 179 | 18.00 | Е | |
| | 51 | 18.00 | Ν | 179 | 12.00 | Е | |
| | 51 | 23.77 | N | 179 | 12.00 | Е | 1 |
| | 51 | 24.00 | Ν | 179 | 10.20 | Е | |
| | 51 | 24.00 | Ν | 179 | 0.00 | Е | |
| | 51 | 36.00 | Ν | 178 | 36.00 | Е | |
| | 51 | 36.00 | Ν | 178 | 24.00 | Е | |
| | 51 | 42.00 | Ν | 178 | 24.00 | Е | |
| | 51 | 42.00 | Ν | 178 | 6.00 | Е | |
| | 51 | 48.00 | Ν | 178 | 6.00 | Е | |
| | 51 | 48.00 | Ν | 177 | 54.00 | Е | |

| Name | | Latitude | | I | ongitude | | Footnotes |
|------|----|----------|---|-----|----------|---|-----------|
| | 51 | 54.00 | Ν | 177 | 54.00 | Е | |
| | 51 | 54.00 | N | 178 | 12.00 | Е | |
| | 51 | 48.00 | Ν | 178 | 12.00 | Е | |
| | 51 | 48.00 | N | 178 | 17.09 | Е | 1 |
| | 51 | 48.00 | Ν | 178 | 20.60 | Е | |
| | 51 | 48.00 | N | 178 | 24.00 | Е | |
| | 52 | 6.00 | N | 178 | 24.00 | Е | |
| | 52 | 6.00 | N | 178 | 12.00 | Е | |
| | 52 | 0.00 | N | 178 | 12.00 | E | |
| | 52 | 0.00 | N | 178 | 11.01 | Е | 1 |
| | 52 | 0.00 | Ν | 178 | 5.99 | E | |
| | 52 | 0.00 | N | 177 | 54.00 | Е | |
| | 52 | 9.00 | N | 177 | 54.00 | Е | |
| | 52 | 9.00 | Ν | 177 | 42.00 | Е | |
| | 52 | 0.00 | Ν | 177 | 42.00 | Е | |
| | 52 | 0.00 | Ν | 177 | 48.00 | Е | |
| | 51 | 54.00 | N | 177 | 48.00 | Е | |
| | 51 | 54.00 | N | 177 | 30.00 | Е | |
| | 51 | 51.00 | N | 177 | 30.00 | Е | |
| | 51 | 51.00 | Ν | 177 | 24.00 | Е | |
| | 51 | 45.00 | N | 177 | 24.00 | Е | |
| | 51 | 45.00 | N | 177 | 30.00 | Е | |
| | 51 | 48.00 | Ν | 177 | 30.00 | Е | |
| | 51 | 48.00 | N | 177 | 42.00 | Е | |
| | 51 | 42.00 | Ν | 177 | 42.00 | Е | |
| | 51 | 42.00 | Ν | 178 | 0.00 | Е | |
| | 51 | 39.00 | Ν | 178 | 0.00 | Е | |
| | 51 | 39.00 | Ν | 178 | 12.00 | Е | |
| | 51 | 36.00 | Ν | 178 | 12.00 | Е | |
| | 51 | 36.00 | Ν | 178 | 18.00 | Е | |
| | 51 | 30.00 | N | 178 | 18.00 | Е | |
| | 51 | 30.00 | Ν | 178 | 24.00 | Е | |
| | 51 | 24.00 | Ν | 178 | 24.00 | E | |
| | 51 | 24.00 | Ν | 178 | 36.00 | Е | |
| | 51 | 30.00 | Ν | 178 | 36.00 | E | |
| | 51 | 24.00 | Ν | 178 | 48.00 | Е | |

| Name | | Latitude | | I | ongitude | | Footnotes |
|-----------------------|----|----------|---|-----|----------|---|-----------|
| | 51 | 18.00 | Ν | 178 | 48.00 | Е | |
| | 51 | 18.00 | Ν | 178 | 54.00 | Е | |
| | 51 | 12.00 | Ν | 178 | 54.00 | Е | |
| | 51 | 12.00 | N | 179 | 30.00 | Е | |
| | 51 | 18.00 | N | 179 | 30.00 | Е | |
| | 51 | 18.00 | N | 179 | 36.00 | Е | |
| 24. Amchitka I. North | 51 | 42.00 | N | 179 | 12.00 | Е | |
| | 51 | 42.00 | N | 178 | 57.00 | Е | |
| | 51 | 36.00 | N | 178 | 56.99 | Е | |
| | 51 | 36.00 | N | 179 | 0.00 | Е | |
| | 51 | 33.62 | N | 179 | 0.00 | Е | 2 |
| | 51 | 30.00 | N | 179 | 5.00 | Е | |
| | 51 | 30.00 | N | 179 | 18.00 | Е | |
| | 51 | 36.00 | N | 179 | 18.00 | Е | |
| | 51 | 36.00 | N | 179 | 12.00 | Е | |
| 25. Pillar Rock | 52 | 9.00 | N | 177 | 30.00 | Е | |
| | 52 | 9.00 | N | 177 | 18.00 | Е | |
| | 52 | 6.00 | N | 177 | 18.00 | Е | |
| | 52 | 6.00 | N | 177 | 30.00 | Е | |
| 26. Murray Canyon | 51 | 48.00 | N | 177 | 12.00 | Е | |
| | 51 | 48.00 | N | 176 | 48.00 | Е | |
| | 51 | 36.00 | N | 176 | 48.00 | Е | |
| | 51 | 36.00 | N | 177 | 0.00 | Е | |
| | 51 | 39.00 | Ν | 177 | 0.00 | Е | |
| | 51 | 39.00 | Ν | 177 | 6.00 | Е | |
| | 51 | 42.00 | Ν | 177 | 6.00 | Е | |
| | 51 | 42.00 | Ν | 177 | 12.00 | Е | |
| 27. Buldir | 52 | 6.00 | Ν | 177 | 12.00 | Е | |
| | 52 | 6.00 | Ν | 177 | 0.00 | Е | |
| | 52 | 12.00 | Ν | 177 | 0.00 | Е | |
| | 52 | 12.00 | Ν | 176 | 54.00 | Е | × |
| | 52 | 9.00 | Ν | 176 | 54.00 | E | |
| | 52 | 9.00 | Ν | 176 | 48.00 | Е | |
| | 52 | 0.00 | Ν | 176 | 48.00 | Е | |
| | 52 | 0.00 | Ν | 176 | 36.00 | Е | |
| | 52 | 6.00 | Ν | 176 | 36.00 | E | |
| | 52 | 6.00 | Ν | 176 | 24.00 | E | |

| Name | | Latitude | | I | ongitude | | Footnotes |
|------------------|----|----------|---|-----|----------|---|-----------|
| | 52 | 12.00 | N | 176 | 24.00 | Е | |
| | 52 | 12.00 | Ν | 176 | 12.00 | Е | |
| | 52 | 18.00 | Ν | 176 | 12.00 | E | |
| | 52 | 18.00 | N | 176 | 30.00 | Е | |
| | 52 | 24.00 | N | 176 | 30.00 | Е | |
| | 52 | 24.00 | N | 176 | 0.00 | Е | |
| | 52 | 18.00 | N | 176 | 0.00 | Е | |
| | 52 | 18.00 | N | 175 | 54.00 | Е | |
| | 52 | 6.00 | N | 175 | 54.00 | Е | |
| | 52 | 6.00 | N | 175 | 48.00 | Е | |
| | 52 | 0.00 | N | 175 | 48.00 | Е | |
| | 52 | 0.00 | N | 175 | 54.00 | Е | |
| | 51 | 54.00 | N | 175 | 54.00 | Е | |
| | 51 | 54.00 | N | 175 | 36.00 | Е | |
| | 51 | 42.00 | N | 175 | 36.00 | Е | |
| | 51 | 42.00 | N | 175 | 30.00 | Е | |
| | 51 | 36.00 | N | 175 | 30.00 | Е | |
| | 51 | 36.00 | N | 175 | 36.00 | Е | |
| | 51 | 30.00 | N | 175 | 36.00 | Е | |
| | 51 | 30.00 | N | 175 | 42.00 | Е | |
| | 51 | 36.00 | N | 175 | 42.00 | E | |
| | 51 | 36.00 | N | 176 | 0.00 | Е | |
| | 52 | 0.00 | N | 176 | 0.00 | E | |
| | 52 | 0.00 | N | 176 | 6.00 | Е | |
| | 52 | 6.00 | N | 176 | 6.00 | Е | |
| | 52 | 6.00 | N | 176 | 12.00 | Е | |
| | 52 | 0.00 | Ν | 176 | 12.00 | Е | |
| | 52 | 0.00 | N | 176 | 30.00 | Е | |
| | 51 | 54.00 | N | 176 | 30.00 | Е | |
| | 51 | 54.00 | N | 177 | 0.00 | Е | |
| | 52 | 0.00 | N | 177 | 0.00 | Е | |
| | 52 | 0.00 | Ν | 177 | 12.00 | Е | |
| 28. Buldir donut | 51 | 48.00 | Ν | 175 | 48.00 | Е | 5 |
| | 51 | 48.00 | Ν | 175 | 42.00 | Е | 5 |
| | 51 | 45.00 | Ν | 175 | 42.00 | Е | 5 |
| | 51 | 45.00 | Ν | 175 | 48.00 | Е | 5,7 |

| Name | | Latitude | | I | ongitude | | Footnotes |
|-------------------|----|----------|---|-----|----------|---|-----------|
| 29. Buldir Mound | 51 | 54.00 | N | 176 | 24.00 | Е | |
| | 51 | 54.00 | N | 176 | 18.00 | E | |
| | 51 | 48.00 | N | 176 | 18.00 | E | |
| | 51 | 48.00 | N | 176 | 24.00 | Е | |
| 30. Buldir West | 52 | 30.00 | Ν | 175 | 48.00 | Е | |
| | 52 | 30.00 | Ν | 175 | 36.00 | Е | |
| | 52 | 36.00 | N | 175 | 36.00 | Е | |
| | 52 | 36.00 | Ν | 175 | 24.00 | Е | |
| | 52 | 24.00 | Ν | 175 | 24.00 | Е | |
| | 52 | 24.00 | Ν | 175 | 30.00 | Е | |
| | 52 | 18.00 | Ν | 175 | 30.00 | Е | |
| | 52 | 18.00 | Ν | 175 | 36.00 | Е | |
| | 52 | 24.00 | Ν | 175 | 36.00 | E | |
| | 52 | 24.00 | Ν | 175 | 48.00 | Е | |
| 31. Tahoma Canyon | 52 | 0.00 | Ν | 175 | 18.00 | E | |
| | 52 | 0.00 | Ν | 175 | 12.00 | Е | |
| | 51 | 42.00 | Ν | 175 | 12.00 | Е | |
| | 51 | 42.00 | Ν | 175 | 24.00 | E | |
| | 51 | 54.00 | Ν | 175 | 24.00 | E | |
| | 51 | 54.00 | N | 175 | 18.00 | Е | |
| 32. Walls Plateau | 52 | 24.00 | Ν | 175 | 24.00 | E | |
| | 52 | 24.00 | Ν | 175 | 12.00 | Е | |
| | 52 | 18.00 | Ν | 175 | 12.00 | Е | |
| | 52 | 18.00 | Ν | 175 | 0.00 | Е | |
| | 52 | 12.00 | Ν | 175 | 0.00 | Е | |
| | 52 | 12.00 | Ν | 174 | 42.00 | Е | |
| | 52 | 6.00 | Ν | 174 | 42.00 | Е | |
| | 52 | 6.00 | N | 174 | 36.00 | Е | |
| | 52 | 0.00 | Ν | 174 | 36.00 | Е | |
| | 52 | 0.00 | Ν | 174 | 42.00 | Е | |
| | 51 | 54.00 | Ν | 174 | 42.00 | Е | |
| | 51 | 54.00 | N | 174 | 48.00 | Е | |
| | 52 | 0.00 | N | 174 | 48.00 | Е | |
| | 52 | 0.00 | N | 174 | 54.00 | Е | |
| | 52 | 6.00 | N | 174 | 54.00 | Е | |
| | 52 | 6.00 | N | 175 | 18.00 | Е | |
| | 52 | 12.00 | Ν | 175 | 24.00 | Е | |

| Name | | Latitude | | I | ongitude | | Footnotes |
|-------------------|----|----------|---|-----|----------|---|-----------|
| 33. Semichi I. | 52 | 30.00 | Ν | 175 | 6.00 | Е | |
| | 52 | 30.00 | Ν | 175 | 0.00 | Е | |
| | 52 | 36.00 | N | 175 | 0.00 | Е | |
| | 52 | 36.00 | N | 174 | 48.00 | Е | |
| | 52 | 42.00 | N | 174 | 48.00 | Е | |
| | 52 | 42.00 | N | 174 | 33.00 | E | |
| | 52 | 36.00 | N | 174 | 33.00 | Е | |
| | 52 | 36.00 | N | 174 | 24.00 | Е | |
| | 52 | 39.00 | N | 174 | 24.00 | E | |
| | 52 | 39.00 | N | 174 | 0.00 | E | |
| | 52 | 42.00 | N | 173 | 54.00 | E | |
| | 52 | 45.16 | N | 173 | 54.00 | Е | 1 |
| | 52 | 46.35 | N | 173 | 54.00 | Е | |
| | 52 | 54.00 | N | 173 | 54.00 | Е | |
| | 52 | 54.00 | N | 173 | 30.00 | Е | |
| | 52 | 48.00 | N | 173 | 30.00 | Е | |
| | 52 | 48.00 | N | 173 | 36.00 | Е | |
| | 52 | 40.00 | N | 173 | 36.00 | Е | |
| | 52 | 40.00 | N | 173 | 25.00 | Е | |
| | 52 | 30.00 | N | 173 | 25.00 | Е | |
| | 52 | 33.00 | N | 173 | 40.00 | Е | |
| | 52 | 33.00 | N | 173 | 54.00 | Е | |
| · · · | 52 | 18.00 | N | 173 | 54.00 | Е | |
| | 52 | 18.00 | N | 174 | 30.00 | Е | |
| | 52 | 30.00 | N | 174 | 30.00 | Е | |
| | 52 | 30.00 | N | 174 | 48.00 | Е | |
| | 52 | 24.00 | N | 174 | 48.00 | Е | |
| | 52 | 24.00 | Ν | 175 | 6.00 | Е | |
| 34. Agattu South | 52 | 18.00 | N | 173 | 54.00 | Е | |
| | 52 | 18.00 | N | 173 | 24.00 | Е | |
| | 52 | 9.00 | N | 173 | 24.00 | Е | |
| | 52 | 9.00 | Ν | 173 | 36.00 | Е | |
| | 52 | 6.00 | Ν | 173 | 36.00 | Е | |
| | 52 | 6.00 | N | 173 | 54.00 | Е | |
| 35. Attu I. North | 53 | 3.00 | N | 173 | 24.00 | Е | |
| | 53 | 3.00 | N | 173 | 6.00 | Е | |
| | 53 | 0.00 | Ν | 173 | 6.00 | Е | |

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| Name | | Latitude | | | ongitude | Footnotes | |
|--------------------|----|----------|---|-----|----------|-----------|---|
| | 53 | 0.00 | Ν | 173 | 24.00 | E | |
| 36. Attu I. West | 52 | 54.00 | Ν | 172 | 12.00 | E | |
| | 52 | 54.00 | Ν | 172 | 0.00 | E | |
| | 52 | 48.00 | Ν | 172 | 0.00 | E | |
| | 52 | 48.00 | Ν | 172 | 12.00 | E | |
| 37. Stalemate Bank | 53 | 0.00 | N | 171 | 6.00 | E | |
| | 53 | 0.00 | Ν | 170 | 42.00 | E | Ê |
| | 52 | 54.00 | Ν | 170 | 42.00 | E | |
| | 52 | 54.00 | Ν | 171 | 6.00 | E | |

Note: Unless otherwise footnoted, each area is delineated by connecting in order the coordinates listed by straight lines. Except for the Amlia North/Seguam donut and the Buldir donut, each area delineated in the table is open to nonpelagic trawl gear fishing. The remainder of the entire Aleutian Islands subarea and the areas delineated by the coordinates for the Amlia North/Seguam and Buldir donuts are closed to nonpelagic trawl gear fishing, as specified at § 679.22. Unless otherwise noted, the last set of coordinates for each area is connected to the first set of coordinates for the area by a straight line. The projected coordinate system is North American Datum 1983, Albers.

¹The connection of these coordinates to the next set of coordinates is by a line extending in a clockwise direction from these coordinates along the shoreline at mean lower-low water to the next set of coordinates.

²The connection of these coordinates to the next set of coordinates is by a line extending in a counter clockwise direction from these coordinates along the shoreline at mean lower-low water to the next set of coordinates.

³The connection of these coordinates to the first set of coordinates for this area is by a line extending in a clockwise direction from these coordinates along the shoreline at mean lower-low water to the first set of coordinates.

⁴The connection of these coordinates to the first set of coordinates for this area is by a line extending in a counter clockwise direction from these coordinates along the shoreline at mean lower-low water to the first set of coordinates.

⁵ The area specified by this set of coordinates is closed to fishing with non-pelagic trawl gear.

⁶ This set of coordinates is connected to the first set of coordinates listed for the area by a straight line.

⁷The last coordinate for the donut is connected to the first set of coordinates for the donut by a straight line.

[73 FR 9037, Feb. 19, 2008]

TABLE 25 TO PART 679—BOWERS RIDGE HABITAT CONSERVATION ZONE

| Area number | Name | Latitude | Longitude |
|-------------|--------------|---|--|
| 1 | Bowers Ridge | 55 10.50 N 54 54.50 N 54 5.83 N 52 40.50 N 52 44.50 N 54 15.50 N | 178 27.25 E 177 55.75 E 179 20.75 E 179 55.00 W 179 26.50 W 179 54.00 W |
| 2 | Ulm Plateau | 55 5.00 N 55 5.00 N 54 34.00 N 54 34.00 N | 177 15.00 E 175 60.00 E 175 60.00 E 177 15.00 E |

Note: Each area is delineated by connecting the coordinates in the order listed by straight lines. The last set of coordinates for each area is connected to the first set of coordinates for the area by a straight line. Projected coordinate system is North American Datum 1983, Albers.

[71 FR 36703, June 28, 2006]

Pt. 679, Table 27

| Area number | Name | Latitude | Longitude |
|-------------|-----------------|--|---|
| 1 | Cape Ommaney 1 | 56 10.85 N 56 11.18 N 56 9.53 N 56 9.52 N | 135 5.83 W 135 7.17 W 135 7.68 W 135 7.20 W |
| 2 | Fairweather FS2 | 58 15.00 N 58 15.00 N 58 13.92 N 58 13.92 N | 138 52.58 W 138 54.08 W 138 54.08 W 138 54.08 W 138 52.58 W |
| 3 | Fairweather FS1 | 58 16.00 N 58 16.00 N 58 13.17 N | 138 59.25 W 139 9.75 W 138 59.25 W |
| 4 | Fairweather FN2 | 58 24.10 N 58 24.10 N 58 22.55 N 58 22.55 N | 139 14.58 W 139 18.50 W 139 18.50 W 139 18.50 W 139 14.58 W |
| 5 | Fairweather FN1 | 58 27.42 N 58 27.42 N 58 26.32 N 58 26.32 N | 139 17.75 W 139 19.08 W 139 19.08 W 139 19.08 W 139 17.75 W |

TABLE 26 TO PART 679—GULF OF ALASKA CORAL HABITAT PROTECTION AREAS

Note: Each area is delineated by connecting the coordinates in the order listed by straight lines. The last set of coordinates for each area is connected to the first set of coordinates for the area by a straight line. Projected coordinate system is North American Datum 1983, Albers.

[71 FR 36703, June 28, 2006]

TABLE 27 TO PART 679—GULF OF ALASKA SLOPE HABITAT CONSERVATION AREAS

| Area number | Name | Latitude | Longitude |
|-------------|-------------------|--|---|
| 1 | Yakutat | 58 47.00 N 58 47.00 N 58 37.00 N 58 36.97 N | 139 55.00 W 140 32.00 W 140 32.00 W 139 54.99 W |
| 2 | Cape Suckling | 59 50.00 N 59 50.00 N 59 40.00 N 59 40.00 N | 143 20.00 W 143 30.00 W 143 30.00 W 143 30.00 W 143 20.00 W |
| 3 | Kayak I | 59 35.00 N 59 40.00 N 59 30.00 N 59 25.00 N 59 25.00 N | 144 0.00 W 144 25.00 W 144 50.00 W 144 50.00 W 144 2.00 W |
| 4 | Middleton I. east | 59 32.31 N 59 32.13 N 59 20.00 N 59 18.85 N | 145 29.09 W 145 51.14 W 145 51.00 W 145 29.39 W |
| 5 | Middleton I. west | 59 14.64 N 59 15.00 N 59 10.00 N 59 8.74 N | 146 29.63 W 147 0.00 W 147 0.00 W 147 0.00 W 146 30.16 W |
| 6 | Cable | 58 40.00 N 59 6.28 N 59 0.00 N 58 34.91 N | 148 0.00 W 149 0.28 W 149 0.00 W 147 59.85 W |
| 7 | Albatross Bank | 56 16.00 N 56 16.00 N 56 11.00 N 56 10.00 N | 152 40.00 W 153 20.00 W 153 20.00 W 153 20.00 W 152 40.00 W |
| 8 | Shumagin I | 54 51.49 N 54 40.00 N 54 35.00 N | 157 42.52 W 158 10.00 W 158 10.00 W |
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| Area number | Name | Latitude | Longitude |
|-------------|------------|---|--|
| | | 54 36.00 N | 157 42.00 W |
| 9 | Sanak I. | 54 12.86 N 54 0.00 N 53 53.00 N 54 5.00 N | 162 13.54 W 163 15.00 W 163 15.00 W 162 12.00 W |
| 10 | Unalaska I | 53 26.05 N 53 6.92 N 52 55.71 N 53 13.05 N | 165 55.55 W 167 19.40 W 167 18.20 W 165 55.55 W |

Note: Each area is delineated by connecting the coordinates in the order listed by straight lines. The last set of coordinates for each area is connected to the first set of coordinates for the area by a straight line. Projected coordinate system is North American Datum 1983, Albers. [71 FR 36703, June 28, 2006]

| TABLE 28 TO PART 679—QUALIFYING SEASON DATES IN THE CENTRAL GOA | A PRIMARY |
|---|-----------|
| BOCKFISH SPECIES | |

| A Legal Rockfish Landing in- | Year | | | | | | |
|--|---|-------------------|--|--|-----------|--|--------------------|
| cludes | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 |
| Northern rockfish that were harvested between | July 1 July 20 | July 1 July 10 | July 1 July 14 | July 1 19 and Aug. 6 10 | July 4 26 | July 1 23 and Oct. 1 21 | June 30 July 21 |
| and landed by | July 27 | July 17 | July 21 | July 26 and Aug. 17, respec- tively | August 2 | July 30 and Oct. 28, respec- tively | July 28 |
| Pelagic shelf rockfish that were harvested between | July 1 Aug. 7 and Oct. 1 Dec. 2 | July 1 July 20 | July 1 July 19 | July 4 Sept. 3 | July 4 26 | July 1 23 and Oct. 1 21 | June 30 July 21 |
| and landed by | Aug. 14 and Dec. 9, respec- tively | July 27 | July 26 | Sept. 10 | Aug. 2 | July 30 and Oct. 28, respec- tively | July 28 |
| Pacific ocean perch that were harvested between | July 1 July 11 | July 1 July 7 | July 1 July 6 and July 12 14 | July 4 11 and Aug. 6 8 | July 4 15 | July 1 12 | June 30 July 8 |
| and landed by | July 18 | July 14 | July 13 and July 21, respec- tively | July 18 and Aug. 15, respec- tively | July 22 | July 19 | July 15 |

[71 FR 67271, Nov. 20, 2006]

TABLE 29 TO PART 679—INITIAL ROCKFISH QS POOLS

| Initial Rockfish QS Pool | Northern Rockfish | Pelagic Shelf Rock- fish | Pacific ocean perch | Aggregate Primary Spe- cies Initial Rockfish QS Pool | |
|---|--|-----------------------------|---------------------------|--|--|
| Initial Rockfish QS Pool | 9,193,183 units | 7,672,008 units | 18,121,812 units | 34,987,002 units | |
| Initial Rockfish QS Pool for the Catcher/ Process or Sector | Based on the Official Rockfish Program Record on January 31, 2007. | | | | |
| Initial Rockfish QS Pool for the Catcher Vessel Sector | Based | on the Official Rockfish | Program Record on January | / 31, 2007. | |

[71 FR 67271, Nov. 20, 2006]

Pt. 679, Table 30

| TABLE 30 TO PART 679—ROCKFISH PROGRAM RETAINABLE PERCENTAGES | (IN ROUND |
|--|-----------|
| WT. EQUIVALENT) | |

| Fishery | Incidental Catch Species | Sector | MRA as a percentage of total retained primary rockfish species | | |
|---|--|---|--|--|--|
| Rockfish Cooperative Fishery for vessels fishing under a CQ permit. | Pacific Cod | Catcher/Processor | 4.0 percent | | |
| | Shortraker/Rougheye aggre- gate catch | Catcher Vessel | 2.0 percent | | |
| | See NonAllo | ocated Secondary species for "o | ther species" | | |
| Rockfish Limited Access Fishery. | Pacific Cod | Catcher Vessel | 8.0 percent | | |
| | Pacific Cod | Catcher/Processor | 4.0 percent | | |
| | Sablefish (trawl gear) | Catcher/Processor and Catcher Vessel | 3.0 percent | | |
| | Shortraker/Rougheye aggre- gate catch | Catcher/Processor and Catcher Vessel | 2.0 percent | | |
| | Northern Rockfish | Catcher/Processor and Catcher Vessel | 4.0 percent | | |
| | Pelagic Shelf Rockfish | Catcher/Processor and Catcher Vessel | 4.0 percent | | |
| | Pacific ocean perch, | Catcher/Processor and Catcher Vessel | 4.0 percent | | |
| | Thornyhead rockfish | Catcher/Processor and Catcher Vessel | 4.0 percent | | |
| | See NonAllocated Secondary species for other species | | | | |
| Non-Allocated Secondary Species for vessels fishing under a CQ permit in Rock- fish Cooperatives and Rock- fish Limited Access Fisheries. | Pollock | Catcher/Processor and Catcher Vessel | 20.0 percent | | |
| | DeepWater flatfish | Catcher/Processor and Catcher Vessel | 20.0 percent | | |
| | Rex Sole | Catcher/Processor and Catcher Vessel | 20.0 percent | | |
| | Flathead Sole | Catcher/Processor and Catcher Vessel | 20.0 percent | | |
| | Shallowwater flatfish | Catcher/Processor and Catcher Vessel | 20.0 percent | | |
| | Arrowtooth | Catcher/Processor and Catcher Vessel | 35.0 percent | | |
| | Other Rockfish | Catcher/Processor and Catcher Vessel | 15.0 percent | | |
| | Atka Mackerel | Catcher/Processor and Catcher Vessel | 20.0 percent | | |
| | Aggregated forage fish | Catcher/Processor and Catcher Vessel | 2.0 percent | | |
| | Skates | Catcher/Processor and Catcher Vessel | 20.0 percent | | |
| | Other Species | Catcher/Processor and Catcher Vessel | 20.0 percent | | |

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| Fishery | Incidental Catch Species | Sector | MRA as a percentage of total retained primary rockfish spe- cies |
|--|--------------------------|----------------------------|--|
| Longline gear Rockfish Entry Level Fishery. | | See Table 10 to this part. | |
| Trawl Rockfish Entry Level Fishery. | | See Table 10 to this part. | |
| Optout Fishery. | | See Table 10 to this part. | |
| Rockfish Cooperative Vessels not fishing under a CQ permit | | See Table 10 to this part. | |

[71 FR 67272, Nov. 20, 2006]

TABLE 31 TO PART 679— LIST OF AMENDMENT 80 VESSELS AND LLP LICENSES ORIGINALLY ASSIGNED TO AN AMENDMENT 80 VESSEL

| Column A: Name of amendment 80 vessel | <i>Column B:</i> USCG Documentation No. | Column C: LLP license number originally assigned to the Amendment 80 vessel |
|--|--|--|
| ALASKA JURIS | 569276 | LLG 2082 |
| ALASKA RANGER | 550138 | LLG 2118 |
| ALASKA SPIRIT | 554913 | LLG 3043 |
| ALASKA VOYAGER | 536484 | LLG 2084 |
| ALASKA VICTORY | 569752 | LLG 2080 |
| ALASKA WARRIOR | 590350 | LLG 2083 |
| ALLIANCE | 622750 | LLG 2905 |
| AMERICAN NO I | 610654 | LLG 2028 |
| ARCTIC ROSE | 931446 | LLG 3895 |
| ARICA | 550139 | LLG 2429 |
| BERING ENTERPRISE | 610869 | LLG 3744 |
| CAPE HORN | 653806 | LLG 2432 |
| CONSTELLATION | 640364 | LLG 1147 |
| DEFENDER | 665983 | LLG 3217 |
| ENTERPRISE | 657383 | ¹ LLG 4831 |
| GOLDEN FLEECE | 609951 | LLG 2524 |
| HARVESTER ENTERPRISE | 584902 | LLG 3741 |
| LEGACY | 664882 | LLG 3714 |
| OCEAN ALASKA | 623210 | LLG 4360 |
| OCEAN PEACE | 677399 | LLG 2138 |
| PROSPERITY | 615485 | LLG 1802 |
| REBECCA IRENE | 697637 | LLG 3958 |
| SEAFISHER | 575587 | LLG 2014 |
| SEAFREEZE ALASKA | 517242 | LLG 4692 |
| TREMONT | 529154 | LLG 2785 |
| U.S. INTREPID | 604439 | LLG 3662 |
| UNIMAK | 637693 | LLG 3957 |
| VAERDAL | 611225 | LLG 1402 |

¹LLG 4831 is the LLP license originally assigned to the F/V ENTERPRISE, USCG Documentation Number 657383 for all relevant purposes of this part.

[72 FR 52739, Sept. 14, 2007]

TABLE 32 TO PART 679— Amendment 80 Initial QS Pool

| Amendment 80 species | Management area | Amendment 80 initial QS pool in units | |
|----------------------|----------------------|--|--|
| Atka mackerel | BS/541 542 543 | Σ Highest Five Years in metric tons in the Amendment 80 official record as of Decem- ber 31, 2007, for that Amendment 80 spe- cies in that management area. | |

Pt. 679, Table 34

| Amendment 80 species | Management area | Amendment 80 initial QS pool in units |
|---|----------------------------------|---------------------------------------|
| Al Pacific ocean perch | 541 542 543. | |
| Flathead sole Pacific cod Rock sole Yellowfin sole | BSAI. BSAI. BSAI. BSAI. | |

[72 FR 52739, Sept. 14, 2007]

TABLE 33 TO PART 679— ANNUAL APPORTION OF AMENDMENT 80 SPECIES ITAC BE-TWEEN THE AMENDMENT 80 AND BSAI TRAWL LIMITED ACCESS SECTORS (EXCEPT YELLOWFIN SOLE)

| Fishery | Management area | Year | Percentage of ITAC allocated to the Amend- ment 80 sector | Percentage of ITAC allocated to the BSAI trawl limited access sector | |
|--------------------------------------|--------------------|---|--|---|--|
| Atka Mackerel | 543 | All years | 100 | 0 | |
| | 542 | 2008 2009 2010 2011 2012 and all future years | 98 96 94 93 90 | 2 4 6 8 10 | |
| | 541/EBS | 2008 2009 2010 2011 2012 and all future years | 98 96 94 92 90 | 2 4 6 8 10 | |
| Aleutian Islands Pacific ocean perch | 543 | All years | 98 | 2 | |
| | 542 | 2008 2009 and all future years | 95 90 | 5 10 | |
| | 541 | 2008 2009 and all future years | 95 90 | 5 10 | |
| Pacific cod | BSAI | All years | 13.4 | N/A | |
| Rock sole | BSAI | All years | 100 | 0 | |
| Flathead sole | BSAI | All years | 100 | 0 | |

[72 FR 52739, Sept. 14, 2007; 72 FR 61214, Oct. 29, 2007]

TABLE 34 TO PART 679- Annual Apportionment of BSAI Yellowfin Sole Between the Amendment 80 and BSAI Trawl Limited Access Sectors

| Row No. | If the yellowfin sole ITAC is be- tween | and | then the yel- lowfin sole ITAC rate for the Amendment 80 sector is | and the amount of yellowfin sole ITAC allocated to Amendment 80 Sector is | and the amount of yel- lowfin sole ITAC allocated to the BSAI trawl limited access sector is |
|---------|---|-----------|---|---|---|
| | Column A | Column B | Column C | Column D | Column E |
| Row 1 | 0 mt | 87,499 mt | 0.93 | ITAC × Row 1, Column C | ITAC—Row 1, Column E. |
| Row 2 | 87,500 mt | 94,999 mt | 0.875 | (Amount of ITAC greater than 87,499 mt and less than 95,000 mt \times Row 2, Column | ITAC—Row 2, Column D. |

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| Row No. | If the yellowfin sole ITAC is be- tween | and | then the yel- lowfin sole ITAC rate for the Amendment 80 sector is | and the amount of yellowfin sole ITAC allocated to Amendment 80 Sector is | and the amount of yel- lowfin sole ITAC allocated to the BSAI trawl limited access sector is |
|---------|---|-------------|---|--|---|
| | Column A | Column B | Column C | Column D | Column E |
| Row 3 | 95,000 mt | 102,499 mt | 0.82 | (Amount of ITAC greater than 94,999 mt and less than 102,500 mt \times Row 3, Column C) + Column D, Row 2. | ITAC—Row 3, Column D. |
| Row 4 | 102,500 mt | 109,999 mt | 0.765 | (Amount of ITAC greater than 102,499 mt and less than 110,000 mt \times Row 4, Column C) + Column D, Row 3. | ITAC—Row 4, Column D. |
| Row 5 | 110,000 mt | 117,499 mt | 0.71 | (Amount of ITAC greater than 109,999 mt and less than 117,500 mt \times Row 5, Column C) + Column D, Row 4. | ITAC—Row 5, Column D. |
| Row 6 | 117,500 mt | 124,999 mt | 0.655 | (Amount of ITAC greater than 117,499 mt and less than 125,000 mt \times Row 6, Column C) + Column D, Row 5). | ITAC—Row 6, Column D. |
| Row 7 | 125,000 mt | and greater | 0.6 | (Amount of ITAC greater than 124,999 mt × Row 7, Column C) + Column D, Row 6. | ITAC—Row 7, Column D. |

[72 FR 52739, Sept. 14, 2007]

TABLE 35 TO PART 679-APPORTIONMENT OF CRAB PSC and Halibut PSC Between the Amendment <math display="inline">80 and BSAI Trawl Limited Access Sectors

| Fishery | Year | Halibut PSC limit in the BSAI | Zone 1 Red king crab PSC limit | <i>C. opilio</i> crab PSC limit (COBLZ) | Zone 1 <i>C.</i> bairdi crab PSC limit | Zone 2 <i>C.</i> bairdi crab PSC limit |
|---------------------------|--|--|---|---|--|--|
| | | | as a per | rcentage of the t after allocat | otal BSAI trawl F tion as PSQ | PSC limit |
| Amendment 80 sector | 2008 2009 2010 2011 2012 and all future years | 2,525 mt 2,475 mt 2,425 mt 2,375 mt 2,325 mt | 62.48 59.36 56.23 53.11 49.98 | 61.44 58.37 55.3 52.22 49.15 | 52.64 50.01 47.38 44.74 42.11 | 29.59 28.11 26.63 25.15 23.67 |
| BSAI trawl limited access | All years | 875 mt | 30.58 | 32.14 | 46.99 | 46.81 |

[72 FR 52739, Sept. 14, 2007]

TABLE 36 TO PART 679— PERCENTAGE OF CRAB AND HALIBUT PSC LIMIT ASSIGNED TO EACH AMENDMENT 80 SPECIES

| For the following PSC | The percentage of the Amendment 80 sector PSC limit assigned to each Amendment 80 species is | | | | | | |
|--|--|---------------------------------------|--|---|---|---|--|
| species | Atka mackerel | Al Pacific ocean perch | Pacific cod | Flathead sole | Rock sole | Yellowfin sole | |
| HalibutZone 1 Red king crab <i>C. opilio</i> crab (COBLZ) Zone 1 <i>C. bairdi</i> crab Zone 2 <i>C. bairdi</i> crab | 3.96 0.14% 0% 0% 0.01% | 1.87 0.56% 0.06% 0% 0.03% | 24.79 6.88% 6.28% 17.01% 7.92% | 13.47 0.48% 17.91% 3.13% 37.31% | 24.19 61.79% 9.84% 56.15% 7.03% | 31.72 30.16% 65.91% 23.71% 47.70% | |

[72 FR 52739, Sept. 14, 2007]

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| TABLE 37 TO PART 679— GOA | Amendment 80 | SIDEBOARD | LIMIT I | FOR (| GROUNDFISH | FOR |
|---------------------------|---------------|-----------|---------|-------|------------|-----|
| <u> </u> | THE AMENDMENT | 80 SECTOR | | | | |

| The sideboard limit for | ls |
|-------------------------|---|
| Pollock | 0.3% of the TAC. |
| Pollock | 0.2% of the TAC. |
| Pollock | 0.2% of the TAC. |
| Pollock | 0.2% of the TAC. |
| Pacific cod | 3.4% of the TAC. |
| Pacific ocean perch | 96.1% of the TAC. |
| Pelagic shelf rockfish | 89.6% of the TAC. |
| Pacific cod | 4.4% of the TAC. |
| Pacific ocean perch | Subject to regulations in subpart G to this part. |
| Pelagic shelf rockfish | Subject to regulations in subpart G to this part. |
| Northern rockfish | Subject to regulations in subpart G to this part. |
| Pacific cod | 2.0% of the TAC. |
| Pacific ocean perch | 99.4% of the TAC. |
| Pelagic shelf rockfish | 76.4% of the TAC. |
| Northern rockfish | 100% of the TAC. |
| | The sideboard limit for Pollock |

[72 FR 52739, Sept. 14, 2007]

TABLE 38 TO PART 679— GOA AMENDMENT 80 SIDEBOARD LIMIT FOR HALIBUT PSC FOR THE AMENDMENT 80 SECTOR

| In the | The maximum percentage of the total GOA halibut PSC limit that may be used by all Amendment 80 qualified vessels subject to the halibut PSC sideboard limit in each season as those seasons are established in the annual harvest specifications is | | | | | |
|---|---|----------|----------|----------|----------|--|
| | Season 1 | Season 2 | Season 3 | Season 4 | Season 5 | |
| Shallow-water species fishery as de- fined in §679.21(d)(3)(iii)(A) in the GOA or adjacent waters open by the State of Alaska for which it adopts a Federal fishing season. | 0.48% | 1.89% | 1.46% | 0.74% | 2.27% | |
| Deep-water species fishery as defined in §679.21(d)(3)(iii)(B) in the GOA or adjacent waters open by the State of Alaska for which it adopts a Federal fishing season. | 1.15% | 10.72% | 5.21% | 0.14% | 3.71% | |

[72 FR 52739, Sept. 14, 2007]

TABLE 39 TO PART 679— Amendment 80 Vessels That May Be Used to Directed Fish for Flatfish in the GOA

| Column A: Name of Amendment 80 vessel | <i>Column B:</i> USCG Documentation No. |
|--|---|
| ALLIANCE | 622750 |
| AMERICAN NO I | 610654 |
| DEFENDER | 665983 |
| GOLDEN FLEECE | 609951 |
| LEGACY | 664882 |
| OCEAN ALASKA | 623210 |

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| Column A: Name of Amendment 80 vessel | <i>Column B:</i> USCG Documentation No. |
|--|---|
| OCEAN PEACE | 677399 |
| SEAFREEZE ALASKA | 517242 |
| U.S. INTREPID | 604439 |
| UNIMAK | 637693 |
| VAERDAL | 611225 |
| | |

[72 FR 52739, Sept. 14, 2007]

TABLE 40 TO PART 679—BSAI HALIBUT PSC SIDEBOARD LIMITS FOR AFA CATCHER/ PROCESSORS AND AFA CATCHER VESSELS

| In the following target species categories as defined in §679.21(e)(3)(iv) | The AFA catcher/proc- essor halibut PSC sideboard limit in metric tons is | The AFA catcher vessel halibut PSC sideboard limit in metric tons is |
|--|--|--|
| All target species categories | 286 | N/A |
| Pacific cod trawl | N/A | 887 |
| Pacific cod hook-and-line or pot | N/A | 2 |
| Yellowfin sole | N/A | 101 |
| Rock sole/flathead sole/other flatfish 1 | N/A | 228 |
| Turbot/Arrowtooth/Sablefish | N/A | 0 |
| Rockfish ² | N/A | 2 |
| Pollock/Atka mackerel/other species | N/A | 5 |

¹ "Other flatfish" for PSC monitoring includes all flatfish species, except for halibut (a prohibited species), Greenland turbot, rock sole, flathead sole, yellowfin sole, and arrowtooth flounder. ²Applicable from July 1 through December 31.

[72 FR 52739, Sept. 14, 2007]

TABLE 41 TO PART 679—BSAI CRAB PSC SIDEBOARD LIMITS FOR AFA CATCHER/ PROCESSORS AND AFA CATCHER VESSELS

| For the following crab species in the following areas | The AFA catcher/processor crab PSC sideboard limit is equal to the following ratio | The AFA catcher vessel crab PSC sideboard limit is equal to the following ratio | Multiplied by |
|---|---|---|--|
| Red king crab Zone 1 | 0.007 | 0.299 | The PSC amount in num- ber of animals available to trawl vessels in the BSAI after allocation of PSQ established in the annual harvest speci- fications for that cal- endar year. |
| C. opilio crab (COBLZ) | 0.153 | 0.168 | |
| Zone 1 <i>C. bairdi</i> crab | 0.14 | 0.33 | |
| Zone 2 <i>C. bairdi</i> crab | 0.05 | 0.186 | |
| | | | |

[72 FR 52739, Sept. 14, 2007]

TABLE 42 TO PART 679—BERING SEA HABITAT CONSERVATION AREA

| | Longitude | | Latitude |
|-----|-----------|----|----------|
| 179 | 19.95W | 59 | 25.15N |
| 177 | 51.76W | 58 | 28.85N |
| 175 | 36.52W | 58 | 11.78N |
| 174 | 32.36W | 58 | 8.37N |

| | Longitude | | Latitude |
|-----|-----------|----|----------|
| 174 | 26.33W | 57 | 31.31N |
| 174 | 0.82W | 56 | 52.83N |
| 173 | 0.71W | 56 | 24.05N |
| 170 | 40.32W | 56 | 1.97N |
| 168 | 56.63W | 55 | 19.30N |
| 168 | 0.08W | 54 | 5.95N |

| | Longitude | | Latitude |
|-----|-----------|----|----------|
| 170 | 0.00W | 53 | 18.24N |
| 170 | 0.00W | 55 | 0.00N |
| 178 | 46.69E | 55 | 0.00N |
| 178 | 27.25E | 55 | 10.50N |
| 178 | 6.48E | 55 | 0.00N |
| 177 | 15.00E | 55 | 0.00N |
| 177 | 15.00E | 55 | 5.00N |
| 176 | 0.00E | 55 | 5.00N |
| 176 | 0.00E | 55 | 0.00N |
| 172 | 6.35E | 55 | 0.00N |
| 173 | 59.70E | 56 | 16.96N |

Note: The area is delineated by connecting the coordinates in the order listed by straight lines. The last set of coordinates for each area is connected to the first set of coordinates for the area by a straight line. The projected coordinate system is North American Datum 1983, Albers.

[73 FR 43370, July 25, 2008]

TABLE 43 TO PART 679-NORTHERN BERING SEA RESEARCH AREA

| | Longitude | | Latitude |
|-----|-----------|----|----------|
| 168 | 7.48W | 65 | 37.48N* |
| 165 | 1.54W | 60 | 45.54N |
| 167 | 59.98W | 60 | 45.55N |
| 171 | 59.92W | 60 | 3.52N |
| 172 | 0.00W | 60 | 54.00N |
| 174 | 1.24W | 60 | 54.00N |
| 176 | 13.51W | 62 | 6.56N |
| 172 | 24.00W | 63 | 57.03N |
| 172 | 24.00W | 62 | 42.00N |
| 168 | 24.00W | 62 | 42.00N |
| 168 | 24.00W | 64 | 0.00N |
| 172 | 17.42W | 64 | 0.01N |
| 168 | 58.62W | 65 | 30.00N |
| 168 | 58.62W | 65 | 37.48N |

Note: The area is delineated by connecting the coordinates in the order listed by straight lines except as noted by * below. The last set of coordinates for each area is connected to the first set of coordinates for the area by a straight line. The projected coordinate system is North American Datum 1983, Albers.

* This boundary extends in a clockwise direction from this set of geographic coordinates along the shoreline at mean lower-low tide line to the next set of coordinates.

[73 FR 43370, July 25, 2008]

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TABLE 44 TO PART 679-NUNIVAK ISLAND, ETOLIN STRAIT, AND KUSKOKWIM BAY HABITAT CONSERVATION AREA

| Longitude | | Latitude |
|-----------|--|--|
| 1.54W | 60 | 45.54N* |
| 7.01W | 58 | 38.27N |
| 10.51W | 58 | 38.35N |
| 34.31W | 58 | 38.36N |
| 34.32W | 58 | 39.16N |
| 34.23W | 58 | 40.48N |
| 34.09W | 58 | 41.79N |
| 33.91W | 58 | 43.08N |
| 33.63W | 58 | 44.41N |
| 33.32W | 58 | 45.62N |
| 32.93W | 58 | 46.80N |
| 32.44W | 58 | 48.11N |
| 31.95W | 58 | 49.22N |
| 31.33W | 58 | 50.43N |
| 30.83W | 58 | 51.42N |
| 30.57W | 58 | 51.97N |
| 17.72W | 59 | 20.16N |
| 11.01W | 59 | 34.15N |
| 42.00W | 59 | 41.80N |
| 0.00W | 59 | 42.60N |
| 1.45W | 59 | 37.39N |
| 40.20W | 59 | 24.47N |
| 0.00W | 59 | 49.13N |
| 59.98W | 60 | 45.55N |
| | Longitude 1.54W 7.01W 10.51W 34.31W 34.32W 34.23W 34.23W 34.09W 33.91W 33.63W 33.32W 32.93W 32.93W 32.44W 31.95W 31.33W 30.83W 30.57W 17.72W 11.01W 42.00W 0.00W 1.45W 40.20W 0.00W 59.98W | Longitude I 1.54W 60 7.01W 58 10.51W 58 34.31W 58 34.32W 58 34.32W 58 34.23W 58 34.32W 58 33.91W 58 33.91W 58 33.32W 58 32.93W 58 32.93W 58 31.95W 58 31.32W 58 31.33W 58 30.63W 58 30.57W 58 17.72W 59 11.01W 59 42.00W 59 1.45W 59 0.00W 59 0.00W 59 0.00W 59 0.00W 59 59.98W 60 |

Note: The area is delineated by connecting the coordinates in the order listed by straight lines, except as noted by * below. The last set of coordinates for each area is connected to the first set of coordinates for the area by a straight line. The projected coordinate system is North American Datum 1983, Albers. * This boundary extends in a clockwise direction from this set of geographic coordinates along the shoreline at mean lower-low tide line to the next set of coordinates.

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TABLE 45 TO PART 679-ST. LAWRENCE ISLAND HABITAT CONSERVATION Area

| | Longitude | | Latitude |
|-----|-----------|----|----------|
| 168 | 24.00W | 64 | 0.00N |
| 168 | 24.00W | 62 | 42.00N |

| | Longitude | | Latitude |
|-----|-----------|----|----------|
| 172 | 24.00W | 62 | 42.00N |
| 172 | 24.00W | 63 | 57.03N |
| 172 | 17.42W | 64 | 0.01N |

Note: The area is delineated by connecting the coordinates in the order listed by straight lines. The last set of coordinates for each area is connected to the first set of coordinates for the area by a straight line. The projected coordinate system is North American Datum 1983, Albers.

[73 FR 43370, July 25, 2008]

TABLE 46 TO PART 679—ST. MATTHEW IS-LAND HABITAT CONSERVATION AREA

| | Longitude | | Latitude |
|-----|-----------|----|----------|
| 172 | 0.00W | 60 | 54.00N |
| 171 | 59.92W | 60 | 3.52N |
| 174 | 0.50W | 59 | 42.26N |
| 174 | 24.98W | 60 | 9.98N |
| 174 | 1.24W | 60 | 54.00N |

Note: The area is delineated by connecting the coordinates in the order listed by straight lines. The last set of coordinates for each area is connected to the first set of coordinates for the area by a straight line. The projected coordinate system is North American Datum 1983, Albers.

[73 FR 43370, July 25, 2008]

PART 680—SHELLFISH FISHERIES OF THE EXCLUSIVE ECONOMIC ZONE OFF ALASKA

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AUTHORITY: 16 U.S.C. 1862; Pub. L. 109-241; Pub. L. 109-479.

SOURCE: 70 FR 10241, Mar. 2, 2005, unless otherwise noted.

Subpart A—General

§680.1 Purpose and scope.

Regulations in this part implement policies developed by the North Pacific Fishery Management Council and approved by the Secretary of Commerce in accordance with the Magnuson-Stevens Fishery Conservation and Management Act. In addition to part 600 of this chapter, these regulations implement the following:

(a) Fishery Management Plan (FMP) for Bering Sea and Aleutian Islands King and Tanner Crabs. Regulations in this part govern commercial fishing for, and processing of, king and Tanner crabs in the Bering Sea and Aleutian Islands Area pursuant to section 313(j) of the Magnuson-Stevens Act, including regulations implementing the Crab Rationalization Program for crab fisheries in the Bering Sea and Aleutian Islands Area, and supersede State of Alaska regulations applicable to the commercial king and Tanner crab fisheries in the Exclusive Economic Zone (EEZ) of the Bering Sea and Aleutian Islands Area that are determined to be inconsistent with the FMP.