

Table 3 to Part 679--Product Recovery Rates for groundfish species and conversion rates for Pacific halibut

FMP SPECIES	Species Code	PRODUCT CODE									
		32 MEAL	33 OIL	34 MILK	35 STOMACHS	36 MANTLES	37 BUTTERFLY BACKBONE REMOVED	88 INFESTED OR DECOMPOSED FISH	98 99 DISCARDS		
PACIFIC COD	110	0.17	...	...	...	...	0.43	0.00	1.00	1.00	...
ARROWTOOTH FLOUNDER	121	0.17	...	...	...	...	...	0.00	1.00	1.00	...
FLATHEAD SOLE	122	0.17	...	...	...	...	...	0.00	1.00	1.00	...
ROCK SOLE	123	0.17	...	...	...	...	...	0.00	1.00	1.00	...
DOVER SOLE	124	0.17	...	...	...	...	...	0.00	1.00	1.00	...
REX SOLE	125	0.17	...	...	...	...	...	0.00	1.00	1.00	...
YELLOWFIN SOLE	127	0.17	...	...	...	...	...	0.00	1.00	1.00	...
GREENLAND TURBOT	134	0.17	...	...	...	...	...	0.00	1.00	1.00	...
THORNYHEAD ROCKFISH	143	0.17	...	...	...	...	...	0.00	1.00	1.00	...
SCULPINS	160	0.17	...	...	...	...	...	0.00	1.00	1.00	...
ATKA MACKEREL	193	0.17	...	...	...	...	...	0.00	1.00	1.00	...
POLLOCK	270	0.17	...	...	...	...	0.43	0.00	1.00	1.00	...
SMELTS	510	0.17	...	...	...	...	...	0.00	1.00	1.00	...
EULACHON	511	0.17	...	...	...	...	...	0.00	1.00	1.00	...
CAPELIN	516	0.17	...	...	...	...	...	0.00	1.00	1.00	...
SHARKS	689	0.17	...	...	...	...	...	0.00	1.00	1.00	...
SKATES	700	0.17	...	...	...	...	...	0.00	1.00	1.00	...
SABLEFISH	710	0.17	...	...	...	...	...	0.00	1.00	1.00	...
OCTOPUS	870	0.17	...	...	...	0.85	...	0.00	1.00	1.00	...
SQUID	875	0.17	...	...	...	0.75	...	0.00	1.00	1.00	...
ROCKFISH	...	...	...	...	...	...	...	0.00	1.00	1.00	...
Conversion Rate to Net Weight for PACIFIC HALIBUT	200	...	...	...	...	...	...	0.00	1.00	0.75	...

Standard pollock surimi rate during January through June  
 Standard pollock surimi rate during July through December  
 Notes: To obtain round weight of groundfish, divide the product weight of groundfish by the table PPP.  
 To obtain IQO net weight of Pacific halibut, multiply the product weight of halibut by the table conversion rate  
 To obtain round weight from net weight of Pacific halibut, divide net weight by 0.75 or multiply by 1.33333.

[67 FR 4137, Jan. 28, 2002, as amended at 67 FR 46024, July 11, 2002]

TABLE 4 TO PART 679—STELLER SEA LION PROTECTION AREAS POLLOCK FISHERIES RESTRICTIONS

STELLER SEA LION PROTECTION AREAS POLLOCK FISHERIES RESTRICTIONS

Column Number 1	2	3	4	5	6	7
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## STELLER SEA LION PROTECTION AREAS POLLOCK FISHERIES RESTRICTIONS—Continued

Site Name	Area or Subarea	Boundaries from		Boundaries to <sup>1</sup>		Pollock No-fishing Zones for Trawl Gear <sup>2,8</sup> (nm)
		Latitude	Longitude	Latitude	Longitude	
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			3
St. Paul I./NE Pt.	Bering Sea	57°15.00 N	170°06.50 W			3
Walrus I. (Pribilofs)	Bering Sea	57°11.00 N	169°56.00 W			10
St. George I./Dalnoi Pt.	Bering Sea	56°36.00 N	169°46.00 W			3
St. George I./S Rookery	Bering Sea	56°33.50 N	169°40.00 W			3
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 I.	52°54.60 N	172°27.90 E	52°55.40 N	172°27.20 E	20
Agattu I./Gillon Pt.	Aleutian I.	52°24.13 N	173°21.31 E			20
Attu I./Chirikof Pt.	Aleutian I.	52°49.75 N	173°26.00 E			20
Agattu I./Cape Sabak	Aleutian I.	52°22.50 N	173°43.30 E	52°21.80 N	173°41.40 E	20
Alaid I.	Aleutian I.	52°46.50 N	173°51.50 E	52°45.00 N	173°56.50 E	20
Shemya I.	Aleutian I.	52°44.00 N	174°08.70 E			20
Buldir I.	Aleutian I.	52°20.25 N	175°54.03 E	52°20.38 N	175°53.85 E	20
Kiska I./Cape St. Stephen	Aleutian I.	51°52.50 N	177°12.70 E	51°53.50 N	177°12.00 E	20
Kiska I./Sobaka & Vega	Aleutian I.	51°49.50 N	177°19.00 E	51°48.50 N	177°20.50 E	20
Kiska I./Lief Cove	Aleutian I.	51°57.16 N	177°20.41 E	51°57.24 N	177°20.53 E	20
Kiska I./Sirius Pt.	Aleutian I.	52°08.50 N	177°36.50 E			20
Tanadak I. (Kiska)	Aleutian I.	51°56.80 N	177°46.80 E			20
Segula I.	Aleutian I.	51°59.90 N	178°05.80 E	52°03.06 N	178°08.80 E	20
Ayugadak Point	Aleutian I.	51°45.36 N	178°24.30 E			20
Rat I./Krysi Pt.	Aleutian I.	51°49.98 N	178°12.35 E			20
Little Sitkin I.	Aleutian I.	51°59.30 N	178°29.80 E			20
Amchitka I./Column Rocks	Aleutian I.	51°32.32 N	178°49.28 E			20
Amchitka I./East Cape	Aleutian I.	51°22.26 N	179°27.93 E	51°22.00 N	179°27.00 E	20
Amchitka I./Cape Ivakin	Aleutian I.	51°24.46 N	179°24.21 E			20
Semisopchnoi/Petrel Pt.	Aleutian I.	52°01.40 N	179°36.90 E	52°01.50 N	179°39.00 E	20
Semisopchnoi I./Pochnoi Pt.	Aleutian I.	51°57.30 N	179°46.00 E			20
Amatignak I. Nitrof Pt.	Aleutian I.	51°13.00 N	179°07.80 W			20

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STELLER SEA LION PROTECTION AREAS POLLOCK FISHERIES RESTRICTIONS—Continued

Unalga & Dinkum Rocks	Aleutian I.	51°33.67 N	179°04.25 W	51°35.09 N	179°03.66 W	20
Ulak I./Hasgox Pt.	Aleutian I.	51°18.90 N	178°58.90 W	51°18.70 N	178°59.60 W	20
Kavalga I.	Aleutian I.	51°34.50 N	178°51.73 W	51°34.50 N	178°49.50 W	20
Tag I.	Aleutian I.	51°33.50 N	178°34.50 W			20
Ugidak I.	Aleutian I.	51°34.95 N	178°30.45 W			20
Gramp Rock	Aleutian I.	51°28.87 N	178°20.58 W			20
Tanaga I./Bumpy Pt.	Aleutian I.	51°55.00 N	177°58.50 W	51°55.00 N	177°57.10 W	20
Bobrof I.	Aleutian I.	51°54.00 N	177°27.00 W			20
Kanaga I./Ship Rock	Aleutian I.	51°46.70 N	177°20.72 W			20
Kanaga I./North Cape	Aleutian I.	51°56.50 N	177°09.00 W			20
Adak I.	Aleutian I.	51°35.50 N	176°57.10 W	51°37.40 N	176°59.60 W	20
Little Tanaga Strait	Aleutian I.	51°49.09 N	176°13.90 W			20
Great Sitkin I.	Aleutian I.	52°06.00 N	176°10.50 W	52°06.60 N	176°07.00 W	20
Anagaksik I.	Aleutian I.	51°50.86 N	175°53.00 W			20
Kasatochi I.	Aleutian I.	52°11.11 N	175°31.00 W			20
Atka I./North Cape	Aleutian I.	52°24.20 N	174°17.80 W			20
Amlia I./Sviech. Harbor <sup>11</sup>	Aleutian I.	52°01.80 N	173°23.90 W			20
Sagjigik I. <sup>11</sup>	Aleutian I.	52°00.50 N	173°09.30 W			20
Amlia I./East <sup>11</sup>	Aleutian I.	52°05.70 N	172°59.00 W	52°05.75 N	172°57.50 W	20
Tanadak I. (Amlia <sup>11</sup> )	Aleutian I.	52°04.20 N	172°57.60 W			20
Agligadak I. <sup>11</sup>	Aleutian I.	52°06.09 N	172°54.23 W			20
Seguam I./Saddleridge Pt. <sup>11</sup>	Aleutian I.	52°21.05 N	172°34.40 W	52°21.02 N	172°33.60 W	20
Seguam I./Finch Pt.	Aleutian I.	52°23.40 N	172°27.70 W	52°23.25 N	172°24.30 W	20
Seguam I./South Side	Aleutian I.	52°21.60 N	172°19.30 W	52°15.55 N	172°31.22 W	20
Amukta I. & Rocks	Aleutian I.	52°27.25 N	171°17.90 W			20
Chagulak I.	Aleutian I.	52°34.00 N	171°10.50 W			20
Yunaska I.	Aleutian I.	52°41.40 N	170°36.35 W			20
Uliaga <sup>3</sup>	Bering Sea	53°04.00 N	169°47.00 W	53°05.00 N	169°46.00 W	20,10
Chuginadak	Gulf of Alaska	52°46.70 N	169°41.90 W			20
Kagamil <sup>3</sup>	Bering Sea	53°02.10 N	169°41.00 W	20,10		
Samalga	Gulf of Alaska	52°46.00 N	169°15.00 W			20
Adugak I. <sup>3</sup>	Bering Sea	52°54.70 N	169°10.50 W			10
Umnak I./Cape Aslik <sup>3</sup>	Bering Sea	53°25.00 N	168°24.50 W			BA
Ogchul I.	Gulf of Alaska	52°59.71 N	168°24.24 W			20
Bogoslof I./Fire I. <sup>3</sup>	Bering Sea	53°55.69 N	168°02.05 W			BA
Polivnoi Rock	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/Cape Izigan	Gulf of Alaska	53°13.64 N	167°39.37 W			20

## STELLER SEA LION PROTECTION AREAS POLLOCK FISHERIES RESTRICTIONS—Continued

Unalaska/Bishop Pt. <sup>9</sup>	Bering Sea	53°58.40 N	166°57.50 W			10
Akutan I./Reef-lava <sup>9</sup>	Bering Sea	54°08.10 N	166°06.19 W	54°09.10 N	166°05.50 W	10
Unalaska I./Cape Sedanka <sup>6</sup>	Gulf of Alaska	53°50.50 N	166°05.00 W			20
Old Man Rocks <sup>6</sup>	Gulf of Alaska	53°52.20 N	166°04.90 W			20
Akutan I./Cape Morgan <sup>6</sup>	Gulf of Alaska	54°03.39 N	165°59.65 W	54°03.70 N	166°03.68 W	20
Akun I./Billings Head <sup>9</sup>	Bering Sea	54°17.62 N	165°32.06 W	54°17.57 N	165°31.71 W	10
Rootok <sup>6</sup>	Gulf of Alaska	54°03.90 N	165°31.90 W	54°02.90 N	165°29.50 W	20
Tanginak I. <sup>6</sup>	Gulf of Alaska	54°12.00 N	165°19.40 W			20
Tigalda/Rocks NE <sup>6</sup>	Gulf of Alaska	54°09.60 N	164°59.00 W	54°09.12 N	164°57.18 W	20
Unimak/Cape Sarichef <sup>9</sup>	Bering Sea	54°34.30 N	164°56.80 W			10
Aiktak <sup>6</sup>	Gulf of Alaska	54°10.99 N	164°51.15 W			20
Ugamak I. <sup>6</sup>	Gulf of Alaska	54°13.50 N	164°47.50 W	54°12.80 N	164°47.50 W	20
Round (GOA) <sup>6</sup>	Gulf of Alaska	54°12.05 N	164°46.60 W			20
Sea Lion Rock (Amak) <sup>9</sup>	Bering Sea	55°27.82 N	163°12.10 W			10
Amak I. And rocks <sup>9</sup>	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			10
Caton I.	Gulf of Alaska	54°22.70 N	162°21.30 W			3
South Rocks	Gulf of Alaska	54°18.14 N	162°41.3 W			10
Clubbing Rocks (S)	Gulf of Alaska	54°41.98 N	162°26.7 W			10
Clubbing Rocks (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 Rocks	Gulf of Alaska	54°49.30 N	161°42.73 W			10
Olga Rocks	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			20
Sea Lion Rocks (Shumagins)	Gulf of Alaska	55°04.70 N	160°31.04 W			3
Nagai I./Mountain Pt.	Gulf of Alaska	54°54.20 N	160°15.40 W	54°56.00 N	160°15.00 W	3
The Whaleback	Gulf of Alaska	55°16.82 N	160°05.04 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 Rock	Gulf of Alaska	55°16.47 N	159°29.77 W			3
Atkins I.	Gulf of Alaska	55°03.20 N	159°17.40 W			20
Spitz I.	Gulf of Alaska	55°46.60 N	158°53.90 W			3
Mitrofanina	Gulf of Alaska	55°50.20 N	158°41.90 W			3
Kak	Gulf of Alaska	56°17.30 N	157°50.10 W			20
Lighthouse Rocks	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°41.42 W	56°00.30 N	156°41.60 W	20
Nagai Rocks	Gulf of Alaska	55°49.80 N	155°47.50 W			20

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Chirikof I.	Gulf of Alaska	55°46.50 N	155°39.50 W	55°46.44 N	155°43.46 W	20
Puale Bay <sup>12</sup>	Gulf of Alaska	57°40.60 N	155°23.10 W	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/Cape Ugat	Gulf of Alaska	57°52.41 N	153°50.97 W			10
Sitkinak/Cape Sitkinak	Gulf of Alaska	56°34.30 N	153°50.96 W			10
Shakun Rock	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 I.) <sup>12</sup>	Gulf of Alaska	59°00.00 N	153°22.50 W	20, 10		
Kodiak/Cape Barnabas	Gulf of Alaska	57°10.20 N	152°53.05 W			3
Kodiak/Gull Point <sup>4</sup>	Gulf of Alaska	57°21.45 N	152°36.30 W	10, 3		
Latax Rocks	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. <sup>4</sup>	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			10
Long I.	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 Alaska	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
Marmot I. <sup>5</sup>	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 <sup>7,10</sup>	Gulf of Alaska	59°56.00 N	148°15.20 W			20
Perry I. <sup>7</sup>	Gulf of Alaska	60°44.00 N	147°54.60 W			
The Needle <sup>7</sup>	Gulf of Alaska	60°06.64 N	147°36.17 W			
Point Eleanor <sup>7</sup>	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 <sup>7</sup>	Gulf of Alaska	60°51.30 N	147°14.50 W			

STELLER SEA LION PROTECTION AREAS POLLOCK FISHERIES RESTRICTIONS—Continued

Seal Rocks (Cordova) <sup>10</sup>	Gulf of Alaska	60°09.78 N	146°50.30 W			20
Cape Hinchinbrook <sup>10</sup>	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 <sup>10</sup>	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

<sup>1</sup>Where two sets of coordinates are given, the baseline extends in a clockwise direction from the first set of geographic coordinates 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.

<sup>2</sup>Closures as stated in § 679.22(a)(7)(iv), (a)(8)(ii), and (b)(2)(ii).

<sup>3</sup>This 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 nm for waters west of 170° W long. and 10 nm for waters east of 170° W long.

<sup>4</sup>Trawl 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 August 25 through November 1.

<sup>5</sup>Trawl closure between 0 nm to 15 nm is effective from January 20 through May 31.

Trawl closure between 0 nm to 20 nm is effective from August 25 to November 1.

<sup>6</sup>Restriction area includes only waters of the Gulf of Alaska Area.

<sup>7</sup>Contact the Alaska Department of Fish and Game for fishery restrictions at these sites.

<sup>8</sup>No-fishing zones are the waters between 0 nm and the nm specified in column 7 of this table around each site and within the BA.

<sup>9</sup>This site is located in the Bering Sea Pollock Restriction Area, closed to pollock trawling during the A season.

This area consists of all waters of the Bering Sea subarea south of a line connecting the points

55°46'30" N lat. 163°00'00" W long.

54°42'9" N lat. 165°08'00" W long.

54°26'30" N lat. 165°40'00" W long.

54°18'40" N lat. 166°12'00" W long. and

54°8'50" N lat. 167°00'00" W long.

<sup>10</sup>The 20 nm closure around this site is effective in federal waters outside of State of Alaska waters of Prince William Sound.

<sup>11</sup>Some or all of the restricted area is located in the Segum 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.

<sup>12</sup>The 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.

[73 FR 76176, Dec. 15, 2008]