

## AK Peninsula/Aleutian Islands Salmon Drift Gillnet Fishery

**Fishing gear type:** Gillnet

**Current category:** Category II\*

**Basis for current classification on the LOF:** Based on analogy to other Category II AK drift gillnet fisheries that use similar gear and operate in the same manner as this fishery.

**Current list of marine mammal species/stocks injured/killed:** Dall's porpoise, AK; Harbor seal, GOA; Harbor porpoise, Gulf of Alaska (GOA); Northern fur seal, North Pacific.

**Estimated number of current participants:** 162

**Take Reduction Teams/Plans that affect this fishery:** None.

**Year added to the LOF:** 1996

**Category when originally listed:** Category II

**Basis for original classification on the LOF:** This fishery was categorized as a Category II by analogy with other category II AK drift gillnet fisheries, and because of inadequate observer data since 1991. The low levels of observer coverage across all fisheries were inadequate to determine mortality and serious injury levels of marine mammals across all fisheries, but available data suggested that mortality and serious injury may have exceeded 10% of the Potential Biological Removal (PBR) level for some stocks. Known Dall's porpoise mortality and serious injury was 28 animals/year, or 1.8% of PBR (PBR=1,556). Also, level of harbor porpoise take documented in logbooks was more than 10% across all fisheries, and because logbook reports represent an underestimate of total take, the total impact to harbor porpoises may be more than 1% in this fishery.

**Estimated number of participants when originally listed:** 107

**Past names, if any:** AK Peninsula/Aleutians salmon drift gillnet (until 1999).

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**Gear description/method for fishing:** This fishery uses drift gillnet gear with soak times of 2-5 hours. The gear is set during the day and night, with 3-8 sets per day.

**Target species:** Salmon.

**Spatial/temporal distribution of effort:** The fishery operates from mid-June to mid-September in two districts north of the Alaska Peninsula (Northern and Northwestern) and four districts south of the AK Peninsula (Unimak, Southwestern, Southcentral, and Southeastern).

**Levels of observer coverage each year<sup>†</sup>:** Observer coverage is calculated by the percentage of estimated sets observed (in South Unimak area only). Observer coverage was 4% in 1990. The fishery was not observed from 1991-2005.

**Management and regulations:** This drift gillnet fishery is managed by the AK Department of Fish and Game as a limited entry fishery with gear restrictions on the mesh and net size, and area closures.

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\* The fishery is classified by analogy to other gear types or fisheries that are known to cause mortality or serious injury of marine mammals.

<sup>†</sup> Observer coverage levels include the latest information reported in the most current final Stock Assessment Reports (SAR).

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### **History of Changes on the LOF**

2009 LOF: Estimated number of participants updated from 164 to 162.

2006 LOF: Added a superscript “2” in Table 1 after this fishery, indicating that this fishery is classified by analogy.

2001 LOF: Estimated number of participants updated from 163 to 164.

1999 LOF:

- Renamed the fishery from “AK Peninsula/Aleutians salmon drift gillnet” to "Alaska Peninsula/Aleutian Islands salmon drift gillnet" to specify the exact geographic location of fishing effort
- Estimated number of participants updated from 107 to 163.

1998 LOF:

- The stock of harbor porpoise on the list of species/stocks killed/injured in this fishery was changed from “AK” to “Gulf of AK.”
- Estimated number of participants updated from 107 to 164.