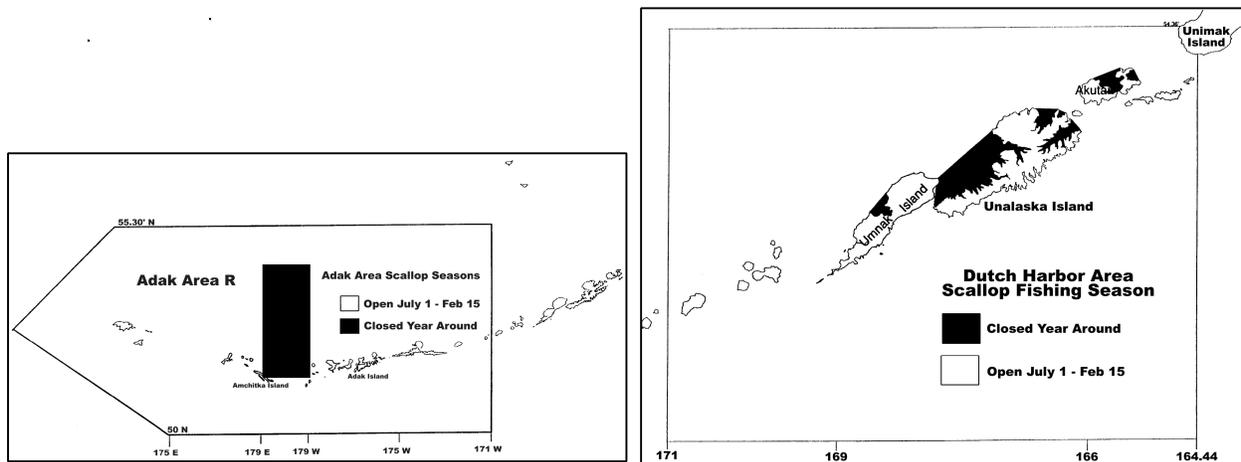


### 1.4.3 Area Closures

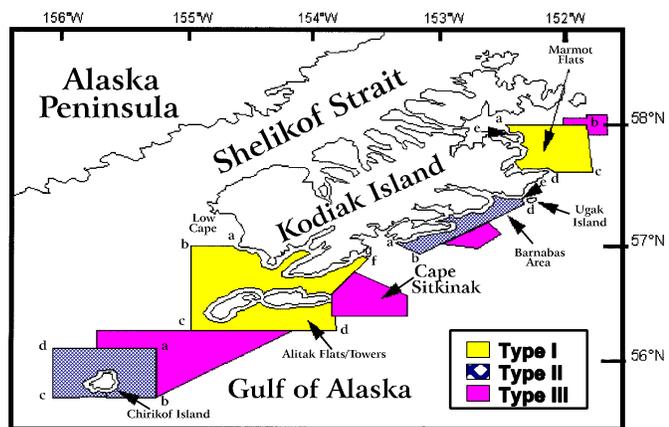
The Council and the Alaska Board of Fisheries have adopted and NMFS has implemented numerous area closures for fishing to protect habitat for fish, crabs, and marine mammals. A summary is provided below.

**Crab Habitat** - Several areas of the Bering Sea have been closed to groundfish trawling and scallop dredging to reduce potential adverse impacts on the habitat for crab and other resources. Beginning in 1995, the Pribilof Islands Conservation Area was closed to all trawling and dredging year-round to protect blue king crab habitat (primarily shell hash). Also beginning in 1995, the Red King Crab Savings Area was established as a year-round bottom trawl and dredge closure area. This area is known to have high densities of adult red king crab. To protect juvenile red king crab and critical rearing habitat (stalked ascidians and other living substrate), another year-round closure to all trawling was implemented for the nearshore waters of Bristol Bay. Specifically, the area east of 162° W (i.e., all of Bristol Bay) is closed to trawling and dredging, with the exception of an area bounded by 159° to 160° W and 58° to 58°43' N that remains open to trawling during the period April 1 to June 15 each year.

The figures below show locations of other areas in the BSAI closed to scallop dredging.



There are also trawl and dredge closure areas in the Gulf of Alaska to protect king crab and crab habitat. In the Kodiak Island area, trawl closure areas were designed based on the use of areas by crab life stage and level of recruitment. Three types of areas are designated. Type I areas have very high king crab concentrations and, to promote rebuilding of the crab stocks, are closed all year to all trawling except with pelagic gear. Type II areas have lower crab concentrations and are only closed to non-pelagic gear from February 15 through June



Location of trawl closure areas in the Gulf of Alaska to protect red king crabs.

15. Type III areas are adjacent to Type I and II areas and have been identified as important juvenile king crab rearing or migratory areas. Type III areas become operational following a determination that a "recruitment event" has occurred. The Regional Director will classify the expanded Type III area as either Type I or II, depending on the information available. A "recruitment event" is defined as the appearance of female king crab in substantially increased numbers (when the total number of females estimated for a given district equals the number of females established as a threshold criterion for opening that district to commercial crab fishing). A recruitment event closure will continue until a commercial crab fishery opens for that district or the number of crabs drops below the threshold level for that district.

No trawling is allowed in the eastern Gulf of Alaska as of March 23, 1998. This area was closed as part of the license limitation system that was adopted as GOA Groundfish FMP Amendment 41.

The figures below show areas closed to scallop dredging in the Gulf of Alaska.

