C-4 Salmon Genetics

Council Motion 4/7/16

The Council recommends that the Salmon Genetics workgroup be expanded to include members of the SSC.

The Council asks the Salmon Genetics workgroup conduct some exploratory data analysis (EDA) to attempt to depict spatial and perhaps temporal patterns of stocks of origin likely to be of most interest to the Council and industry. As a starting point, the workgroup should examine:

- Bering Sea pollock A-season Chinook PSC in ADF&G statistical areas that are in or adjacent to NMFS areas 509 and 517 associated with the pollock fishery (as was provided as examples in the spatial maps from the WG);

- Bering Sea pollock B-season chum PSC in ADF&G statistical area clusters identified in Figure 1 of the WG report.

The next workgroup report should also include a list of benefits and capabilities of the new NMFS analysis tool that uses ADF&G statistical areas.

The Council requests future genetic reports include:

- Summaries of PSC totals by time and area.

- Report genetic classification accuracy for both chum and Chinook in the reports.

The Council also requests an update of the AEQ for Chinook salmon in the Bering Sea pollock fishery, based on the existing model with updated data.

The Council supports ongoing efforts to improve Chinook baseline data in Coastal Western Alaska to separate out Norton Sound, Lower Yukon, and Kuskokwim/Nushagak, and in the GOA for US West Coast Stocks and British Columbia, and improving the chum baseline in Norton Sound, Lower and middle Yukon, Kuskokwim, and Bristol Bay.