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<u>**SCIENTIFIC COUNCIL MEETING - 2017**</u>

<u>**Canada's Request for Coastal State Advice - 2018**</u>

<u>1.</u> <u>Greenland halibut (Subareas 0 and 1)</u>

Advice on Greenland Halibut in Subareas 0 and 1 was provided in 2016 for 2017 and 2018. Therefore, Canada requests the Scientific Council to continue to monitor the status of this stock annually and, should a significant change be observed in stock status (e.g. from surveys) or in bycatches in other fisheries, provide updated advice as appropriate.

<u>2.</u> <u>Shrimp (Divisions 0A and Subarea 1)</u>

Canada requests the Scientific Council to consider the following options in assessing and projecting future stock levels for Shrimp in Subareas 0 and 1:

The status of the stock should be determined and management options evaluated for catch options ranging from 30,000 t to the catch corresponding to Z_{MSY}, in 5,000-10,000 t increments (subject to the discretion of Scientific Council), with forecasts for the next 5 years if possible. These options should be evaluated in relation to the Northwest Atlantic Fisheries Organization Precautionary Approach Framework and presented in the form of risk analyses related to the limit reference points B_{lim} and Z_{MSY}.

Presentation of the results should include graphs and/or tables related to the following:
- historical and current yield, biomass relative to B_{MSY}, total mortality relative to Z_{MSY}, and recruitment (or proxy) levels for the longest time period possible;
- total mortality (Z) and fishable biomass for a range of projected catch options (as noted above) for the years 2018 to 2022 if possible. Projections should include both catch options and a range of effective cod predation biomass levels considered appropriate by the Scientific Council. Results should include risk analyses of falling below: B_{MSY}, 80% B_{MSY} and B_{lim}, and of exceeding Z_{MSY};
- total area fished for the longest time period possible; and
- any other graph or table the Scientific Council deems relevant.