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Risk-Based Management Strategy for 3LN Redfish

Recognizing that Redfish in Divisions 3LN is a recently re-opened fishery (2010) and the response of the stock to fishing at higher levels is uncertain at this stage;

Mindful that fishing intensity on redfish has impacts on Div. 3NO cod, Div. 3LNO American plaice and SA 2 + Div. 3KLMNO Greenland Halibut through by-catch;

Noting the 2014 Scientific Council advice which indicates that a higher TAC should be reached by a stepwise increase from the current catch level;

Consistent with the NAFO Precautionary Approach and the recently adopted General Framework on Risk-based Management Strategies;

It is *recommended* that Fisheries Commission:

- 1. Adopt the risk-based management strategy for 3LN redfish as outlined in Harvest Control Rule 2 presented by the Scientific Council and implement the associated harvest control rule specified in Annex I;**
- 2. Request Scientific Council to monitor the performance of the HCR by examining the trends in the survey indices and by conducting a full assessment every 2-3 years and for the first time in 2016; and**
- 3. Conduct a full review/ evaluation of the management strategy at the end of the 7 year implementation period.**

Annex I**3LN Redfish Management Strategy - Harvest Control Rule:**

HCR stepwise slow: this HCR is designed to reach 18 100 t of annual catch by 2019-2020 through a stepwise biannual catch increase, with the same amount of increase every two years between 2015 and 2020. 18 100 t is the equilibrium yield in the 2014 assessment under the assumption of an MSY of 21 000 t.

This provides the following annual TACs:

2015: 10 400 t
2016: 10 400 t
2017: 14 200 t
2018: 14 200 t
2019: 18 100 t
2020: 18 100 t