

PROSPECTIVE Canada Gulf of St. Lawrence (NAFO 4R) herring - purse seine

Overview

FIP Description

This FIP involves development of industry-supported acoustic survey capacity adjacent to the NAFO 4R Atlantic Herring stock. An MSC pre-assessment of the fishery in 2023 highlighted the need for updated reference points for this stock, to which an industry-supported acoustic survey will directly contribute. Due to changing environmental conditions, the timing of the 4R herring fishery has shifted to later in the fall and it is generally more unpredictable – despite resource abundance. The Canadian Department of Fisheries and Oceans (DFO) has had limited success for more than a decade in conducting its own fall acoustic survey, given the timing unpredictability, DFO's own limited resources, and challenging late fall sea conditions. The DFO relies on scheduled charters to conduct their acoustic surveys and the 4R Atlantic herring are no longer following historical migration patterns. Selected commercial purse seine vessels will be equipped with the newest scientific echosounder for surveying (Simrad EK80 38split/200khz) and will participate annually in a science-based survey. Participating harvesters will be licensed to fish the 4R herring stock and will work directly with researchers for appropriate equipment calibration and survey design. These vessels are more readily adaptable to changing sea conditions and are also reliably and consistently present on the fishing grounds, making these vessels the ideal candidates for conducting the science-based surveys. Industry stakeholders will work with the DFO and the Fisheries and Marine Institute of Memorial University (MI) to develop and follow survey and sampling plans. The data collected through these efforts will be used in the development of the reference points needed by the MSC.

How is this FIP Doing?

Current Status:

Actions Progress This shows the proportion of actions in the workplan that the FIP has completed.

0%

FIP Type

Prospective

FIP Stage

Stage 1: FIP Development

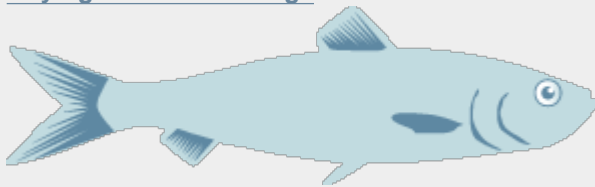
Start and Projected End Dates**Species****Common Name**

Atlantic Herring

Scientific Name

Clupea harengus

[Buying Guide Link Image](#)



[Atlantic Herring](#)

[Buying Guide](#)

Gear Type

[Purse Seine](#)

Location**FAO Major Fishing Area**

[Area 21 \(Atlantic, Northwest\)](#)

Exclusive Economic Zones**Country**

Canada

Geographic Scope

NAFO Division 4R - West Coast of Newfoundland

Regional Fisheries Management Organization (RFMO)

NAFO

FIP Leads

Organization Name

Barry Group Inc.

Organization Type

Industry

Primary Contact

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Organization Name

Centre for Fisheries and Ecosystems Research - Marine Institute

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Other

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