# Summary of Existing "Other Measures"

# 3O Coral Closure

**Size:** 0.18% **Location:** Newfoundland and Labrador

| Criterion | How Met |
|---|---|
| Conservation or stock management objectives | • Conservation Objective: protect corals and sponges |
| Presence of ecological components of interest | • Species of regional importance / habitat of importance to biodiversity conservation: corals and sponges |
| The ecological components of interest are effectively conserved | • Prohibits all bottom fishing activities<br>• Existing or foreseeable activities: marine shipping, pelagic longline (both are low risk for corals and sponges) |

# Bay of Islands Salmon Migration Closure

**Size:** <0.01% **Location:** Newfoundland and Labrador

| Criterion | How Met |
|---|---|
| Conservation or stock management objectives | • Stock management objective: protect salmon migration habitat |
| Presence of ecological components of interest | • Species of regional importance: Atlantic salmon<br>• Habitat of importance to biodiversity conservation: salmon migration habitat (important for life-history of salmon) |
| The ecological components of interest are effectively conserved | • Prohibits all pelagic fixed gear<br>• Existing or foreseeable activities:<br>  • Marine traffic (low risk for ecological components of interest)<br>  • Crab pots (Benthic, do not spatially overlap with ecological components of interest)<br>  • Bait nets (Requirement to set nets parallel to the coastline has mitigated risk of bycatch)<br>  • Purse seines (Conservation & Protection led study on salmon bycatch in purse seines in NL waters and showed no interaction) |

# 7 Lobster Closed Areas

**Size:** <0.01% **Location:** Newfoundland and Labrador

| Criterion | How Met |
|---|---|
| Conservation or stock management objectives | • Stock management objective: protect to increase lobster egg production. |
| Presence of ecological components of interest | • Species of regional importance: American lobster<br>• Habitat of importance to biodiversity conservation: lobster habitat - inshore shallow, and rocky areas are protected to increase egg production (important for life-history of American lobster) |
| The ecological components of interest are effectively conserved | • Prohibits lobster pots<br>• Existing or foreseeable activities:<br>  • Marine shipping (low risk for ecological components of interest)<br>  • Purse seines (no overlap with ecological components of interest)<br>  • Crab pots and gillnets (low risk to the habitat; local subject matter experts agree that lobsters would not be sensitive to these gears) |

# 6 Maritimes Corals and/or Sponge Closures

**Size:** 0.17% **Location:** Maritimes

| Criterion | How Met |
|---|---|
| Conservation or stock management objectives | • Conservation objective: protect corals and/or sponges |
| Presence of ecological components of interest | • Species of regional importance / habitat of importance to biodiversity conservation: corals and/or sponges |
| The ecological components of interest are effectively conserved | • Prohibit all commercial bottom-contact fishing gear; for North East Channel and Corsair/ Georges Canyon Conservation Areas, only their *Restricted Fishing Zones* are counted as "other measures"<br>• Food, Social, and Ceremonial (FSC) fishing access for various fisheries<br>• Existing or foreseeable activities:<br>  • Shipping and non-bottom fishing (low risk to ecological components of interest) |

# Scallop Buffer Zones (SFA 21, 22, 24)

**Size:** 0.1% **Location:** Gulf

| Criterion | How Met |
|---|---|
| Clearly defined geographic location | • Boundaries specified in Variation Orders |
| Conservation or stock management objectives | • Stock management objective: Protect juvenile lobster habitat |
| Presence of ecological components of interest | • Species of regional importance: juvenile lobster<br>• Habitat of importance to biodiversity conservation: nursery habitat for lobsters (habitat of importance for life-cycle of lobster) |
| The ecological components of interest are effectively conserved | • Prohibits scallop dragging<br>• FSC fishing access for scallop in SFA 22<br>• Existing or foreseeable activities:<br>  • Lobster fishing (low risk for juvenile lobsters and lobster nursery habitat) |

# Les Demoiselles nursery (Plaisance Bay), Magdalen Islands

**Size:** <0.01% **Location:** Quebec

| Criterion | How Met |
|---|---|
| Conservation or stock management objectives | • Conservation objective: protect a lobster nursery |
| Presence of ecological components of interest | • Species of regional importance: American lobster (juvenile)<br>• Habitat of importance to biodiversity conservation: American lobster nursery habitat (habitat of special importance to the life-cycle of American lobster) |
| The ecological components of interest are effectively conserved | • Prohibits hydraulic dredge for the Atlantic surf clam and Atlantic razor clam; and otter trawl, Danish and Scottish seine for the winter flounder, witch flounder, yellowtail flounder and American plaice<br>• Existing or foreseeable activities: leisure activities such a kayaking and recreational boating (low risk for the ecological components of interest) |

# Saguenay River

**Size:** <0.01% **Location:** Quebec

| Criterion | How Met |
|---|---|
| Conservation or stock management objectives | • Conservation objective: protect beluga habitat and limit contaminant re-suspension in water column |
| Presence of ecological components of interest | • Species of regional importance: beluga<br>• Habitat of importance to biodiversity conservation: beluga habitat; adjacent to Saguenay St. Lawrence Marine Park (habitat of importance to a threatened or declining species) |
| The ecological components of interest are effectively conserved | • Prohibits otter trawling for all species<br>• Existing or foreseeable activities: Marine traffic (occurs at low frequency therefore low risk for ecological components of interest) |

# Magdalen Islands Lagoons (6 overlapping closures)

**Size:** <0.01% **Location:** Quebec

| Criterion | How Met |
|---|---|
| Conservation or stock management objectives | • Six overlapping closures, 2 conservation objectives: (1) protect lobster habitat; (2) protect herring spawning area and increase spring stock |
| Presence of ecological components of interest | • Species of regional importance: American lobster; herring<br>• Habitat of importance to biodiversity conservation: American lobster habitat, herring spawning area (area of high biological diversity, productivity, and naturalness; area of importance to life-cycle of herring) |
| The ecological components of interest are effectively conserved | • Prohibits:<br>  • hydraulic dredge for the Atlantic razor clam, and Atlantic surf clam;<br>  • gill net and square net for winter flounder;<br>  • pelagic trawl, Danish and Scottish seine for the yellowtail flounder and winter flounder<br>  • American lobster trap; and<br>  • Atlantic herring gill net<br>• Existing or foreseeable activities:<br>  • Eel fishing (traps and fyke nets) and smelt gillnets (very little bycatch; invasive European green crab are main bycatch of eel fishing)<br>  • Aquaculture for mussels, oysters, seagrass in 4.8% of area (low risk for ecological components of interest)<br>  • Ballast water exchange (low risk of contamination from ballast water because water exchange takes place before entering the lagoons and the initial water is freshwater) |

# Strait of Georgia Sponge Reef Closures

**Size:** <0.01% **Location:** Pacific

| Criterion | How Met |
|---|---|
| Conservation or stock management objectives | • Conservation objective: protect glass sponge reefs |
| Presence of ecological components of interest | • Species of regional importance: glass sponge reefs<br>• Habitat of importance to biodiversity conservation: contains structure forming, ecologically significant corals and sponges; their presence signifies a species of regional importance and a habitat that is important to biodiversity conservation |
| The ecological components of interest are effectively conserved | • Prohibits all bottom-contact commercial, recreational, and FSC fisheries<br>• Existing or foreseeable activities: Non-bottom fishing (low risk to ecological components of interest) |