

Appendix FFA41-A

Weather Radar Advice / Guidance from Environment and Climate Change Canada

Project Nujio'qonik: Amendment to the Environmental Impact Statement



April 21, 2023

Todd Pickett
World Energy GH2

Subject: World Energy GH2 Wind Farm Proposals (Port Au Port – Area A) – Updated Preliminary Analysis of Impacts on ECCC Radars (Marble Mountain Radar)

Dear Mr. Pickett,

Thank you for contacting the Meteorological Service of Canada, a branch of Environment and Climate Change Canada (ECCC), regarding your wind energy intentions.

When assessing the potential impact of all new wind farm projects, ECCC's main goal is to avoid significant interference that would hinder the timely and accurate production of watches and warnings of significant weather.

We have reviewed the information you have provided to us via email on April 3, 2023, for the proposed Port Au Port – Area A Wind Farm Project (located 62 km away from ECCC's Marble Mountain Radar - Marble Mountain, NL). Our preliminary assessment of the proposed project indicates that any potential interference that may be created, should not be severe for our radar operations. Consequently, we do not have objections to the current proposal.

If your plans are modified in any manner (e.g. number of turbines, height, placement or materials) this analysis would no longer be valid and an updated analysis must be conducted. Please contact us at: radarsmeteo-weatherradars@ec.gc.ca

Thank you for your ongoing cooperation and we wish you success with your wind energy project.

Sincerely,

David Bradley

A-Directeur, Surveillance atmosphérique et services de données
Service Météorologique du Canada, Environnement et Changement Climatique Canada
Director-I, Atmospheric Monitoring and Data Services
Meteorological Service of Canada, Environment and Climate Change Canada





April 21, 2023

Todd Pickett
World Energy GH2

Subject: World Energy GH2 Wind Farm Proposals (Codroy Valley – Area C) – Updated Preliminary Analysis of Impacts on ECCC Radars (Marble Mountain Radar)

Dear Mr. Pickett,

Thank you for contacting the Meteorological Service of Canada, a branch of Environment and Climate Change Canada (ECCC), regarding your wind energy intentions.

When assessing the potential impact of all new wind farm projects, ECCC's main goal is to avoid significant interference that would hinder the timely and accurate production of watches and warnings of significant weather.

We have reviewed the information you have provided to us via email on April 3, 2023, for the proposed Codroy Valley – Area C Wind Farm Project (located 117 km away from ECCC's Marble Mountain Radar - Marble Mountain, NL). Our preliminary assessment of the proposed project indicates that any potential interference that may be created, should not be severe for our radar operations. Consequently, we do not have objections to the current proposal.

If your plans are modified in any manner (e.g. number of turbines, height, placement or materials) this analysis would no longer be valid and an updated analysis must be conducted. Please contact us at: radarsmeteo-weatherradars@ec.gc.ca

Thank you for your ongoing cooperation and we wish you success with your wind energy project.

Sincerely,

David Bradley

A-Directeur, Surveillance atmosphérique et services de données
Service Météorologique du Canada, Environnement et Changement Climatique Canada
Director-I, Atmospheric Monitoring and Data Services
Meteorological Service of Canada, Environment and Climate Change Canada



Appendix FFA43-A

Community-Based Coastal Resource Inventory Maps

Project Nujio'qonik: Amendment to the Environmental Impact Statement

-  Cod
-  American Plaice
-  Cod
-  Flounder
-  Haddock
-  Halibut
-  Lumpfish
-  Pollock
-  Witch Flounder

4Rc

Port au
Port BayCape St.
George

Stephenville

4Rd

St. George's Bay

Trans-Canada Highway



Proposed Project Features

-  Hydrogen / Ammonia Plant Location
-  Project Area
-  Local Assessment Area

Other Features

-  Transmission Line, Existing
-  Trans-Canada Highway
-  Road
-  Watercourse
-  Waterbody
-  Forested Area
-  NAFO Unit



0 Kilometres
(At original document size of 8.5x11)
1:500,000

Notes

- Coordinate System: NAD 1983 CSRS UTM Zone 21N
- Data Sources: World Energy GH2, NRCan CanVec, OpenStreetMap, Community-Based Coastal Resource Inventory (CCRI) Fisheries and Oceans Canada
- Background: NRCan CanVec



Project Location
Stephenville
NL

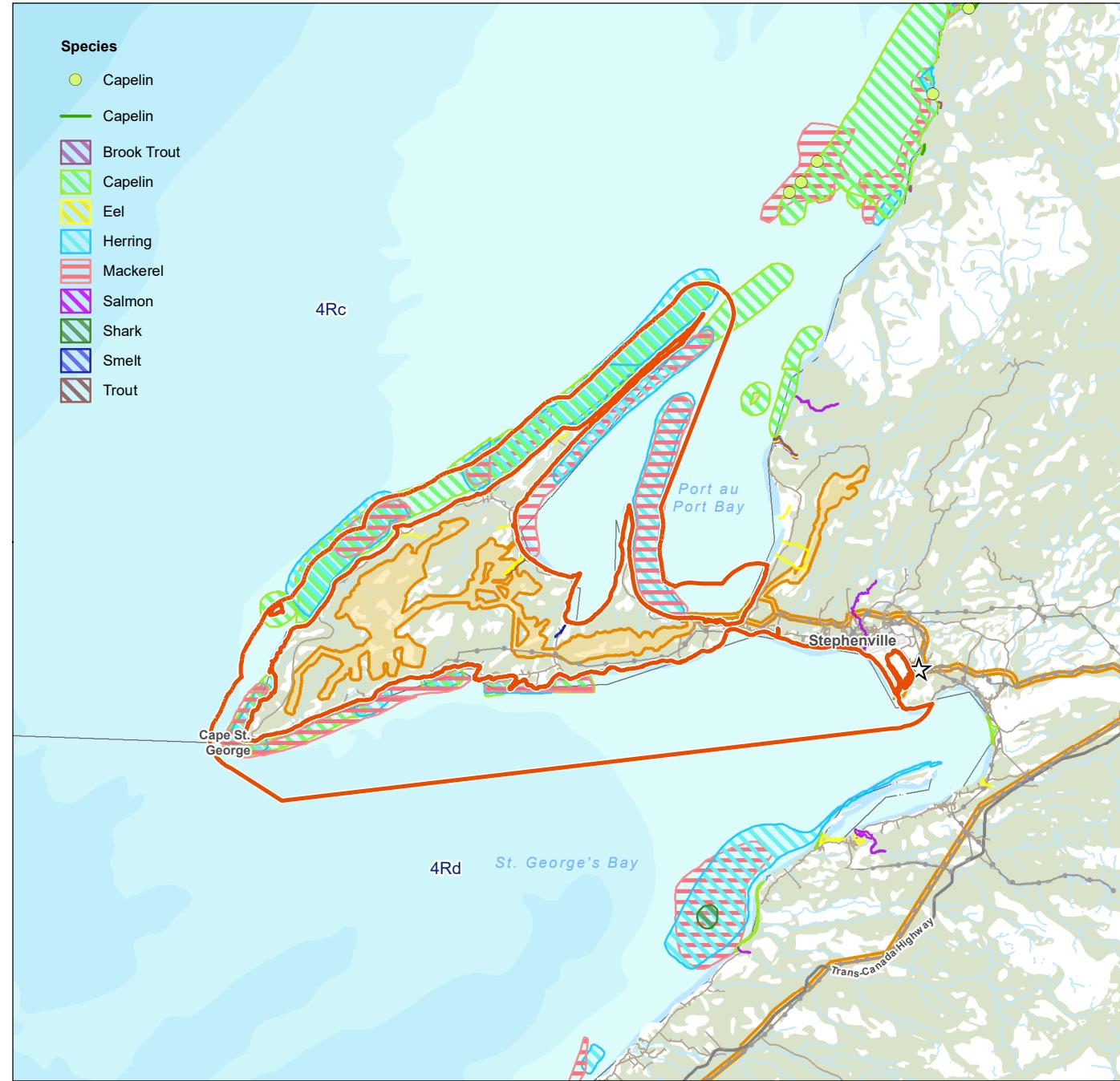
Prepared by MB on 2024-01-11
QR by AW on 2024-01-22

Client/Project
World Energy GH2
Project Nujjo'qonik

121418050_014

Figure No.
FFA43.1

Community-Based Coastal Resource Inventory (1996 - 2007), Groundfish Species



Proposed Project Features

- Hydrogen / Ammonia Plant Location
- Project Area
- Local Assessment Area

Other Features

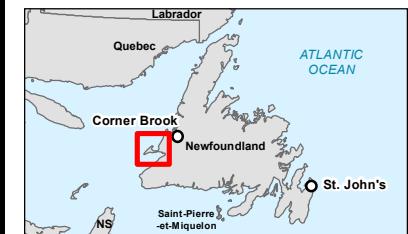
- Transmission Line, Existing
- Trans-Canada Highway
- Road
- Watercourse
- Waterbody
- Forested Area
- NAFO Unit



0 Kilometres
(At original document size of 8.5x11)
1:500,000

Notes

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- Data Sources: World Energy GH2, NRCan CanVec, OpenStreetMap, Community-Based Coastal Resource Inventory (CCRI) Fisheries and Oceans Canada
- Background: NRCan CanVec



Project Location
Stephenville
NL

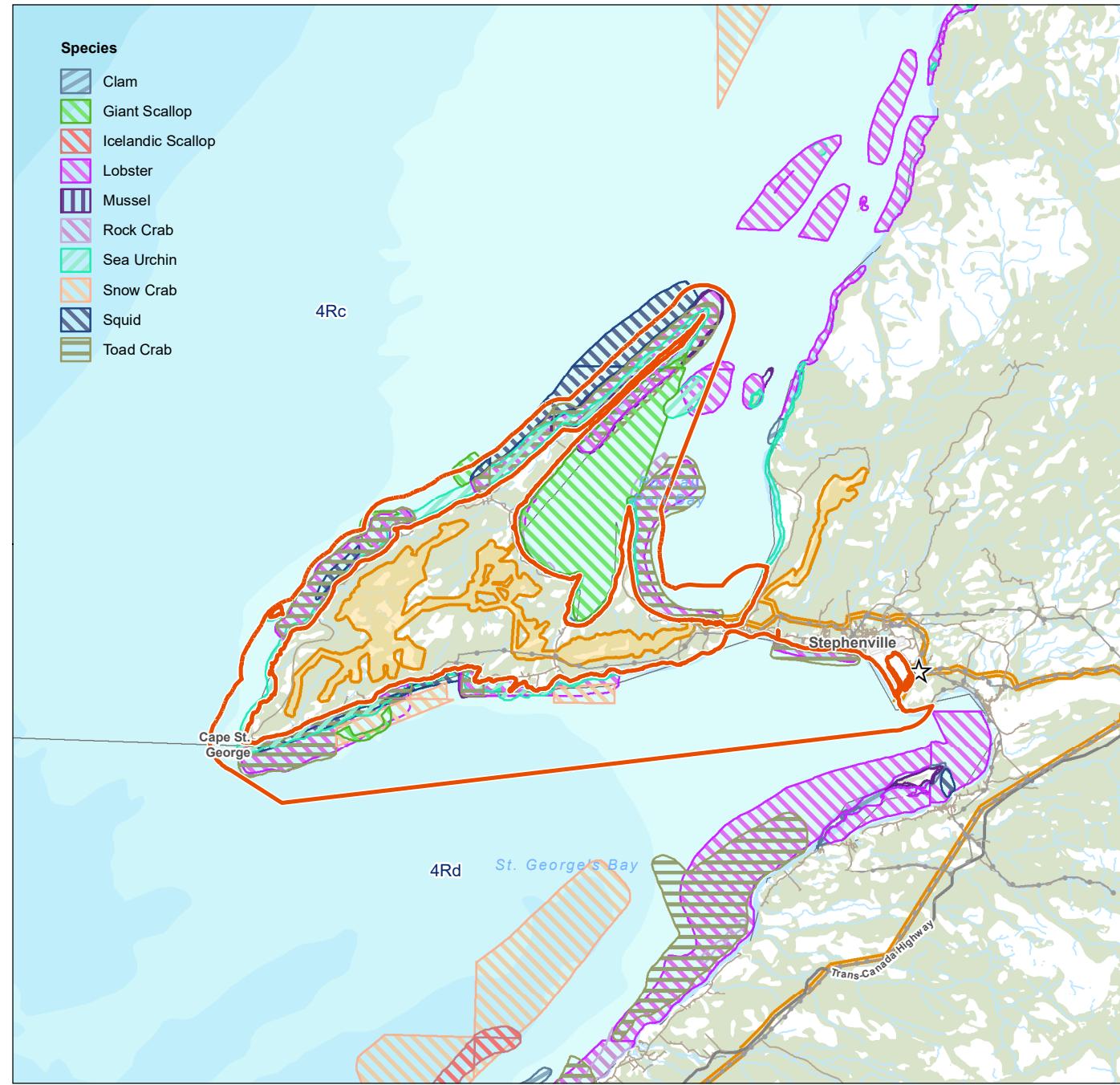
Prepared by MB on 2024-01-11
QR by AW on 2024-01-22

Client/Project
World Energy GH2
Project Nujo'qonik

121418050_015

Figure No.
FFA43.2

Community-Based Coastal Resource Inventory (1996 - 2007), Pelagic Species



 **Stantec**

Proposed Project Features

- Hydrogen / Ammonia Plant Location
- Project Area
- Local Assessment Area

Other Features

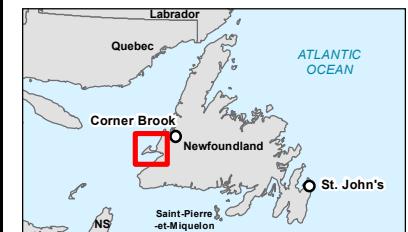
- Transmission Line, Existing
- Trans-Canada Highway
- Road
- Watercourse
- Waterbody
- Forested Area
- NAFO Unit



0 10 Kilometres
(At original document size of 8.5x11)
1:500,000

Notes

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- Background: NRCan CanVec



Project Location
Stephenville
NL

Prepared by MB on 2024-01-11
QR by AW on 2024-01-22

Client/Project
World Energy GH2
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121418050_016

Figure No.
FFA43.3

Community-Based Coastal Resource Inventory (1996 - 2007), Shellfish Species