

NWW advisory council presentation  
01 March 2017



Scottish Government  
Riaghaltas na h-Alba  
gov.scot



**marinescotland**

# Developing a NWW Joint recommendation

- Provide some background
- Details of site level revisions
- A reminder of the other sites
- Show some updated fishing effort analysis
- Questions / feedback welcomed as we go

# The Scottish Approach

- Based on scientific advice
- Risk assessment based on feature sensitivity
- Considers fleet activity / industry preference
- Kept workshop proposals where possible
- Some sites need strict management
- Plain language for public participation

# The Scottish Documents

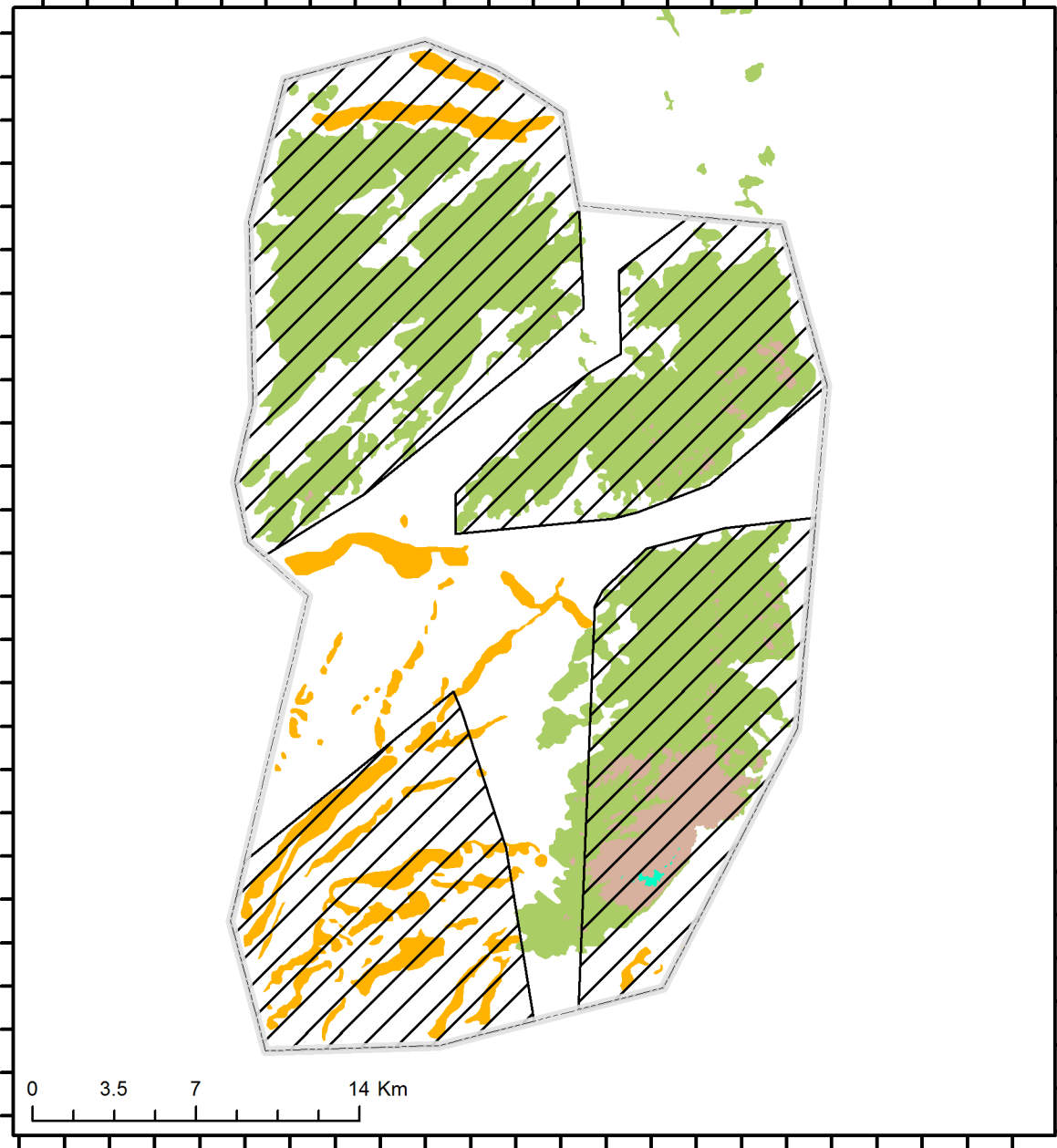
- Proposal
  - Generic information
  - Background to each site
  - Details of the proposed management
  - Fleet activity in each area
- Audit
  - Details how proposals have evolved
  - JNCC feedback / advice
- Updated version to be published soon

# The Scottish Timeline

- 2014/15 - stakeholder workshops
- 2016 – member state / advisory council consultation
- Now – revision process
- March / April – sufficient information agreement
- April to October – formal negotiation
- October submission?

Sites with changes

5°26'W 5°22'W 5°18'W 5°14'W 5°10'W 5°6'W 5°2'W 4°58'W 4°54'W 4°50'W 4°46'W 4°42'W



- Site boundary
- Infralittoral bedrock reef
- Shallow circalittoral bedrock reef
- Deep circalittoral bedrock reef
- Stony reef
- No demersal mobile gear

Revised proposal:

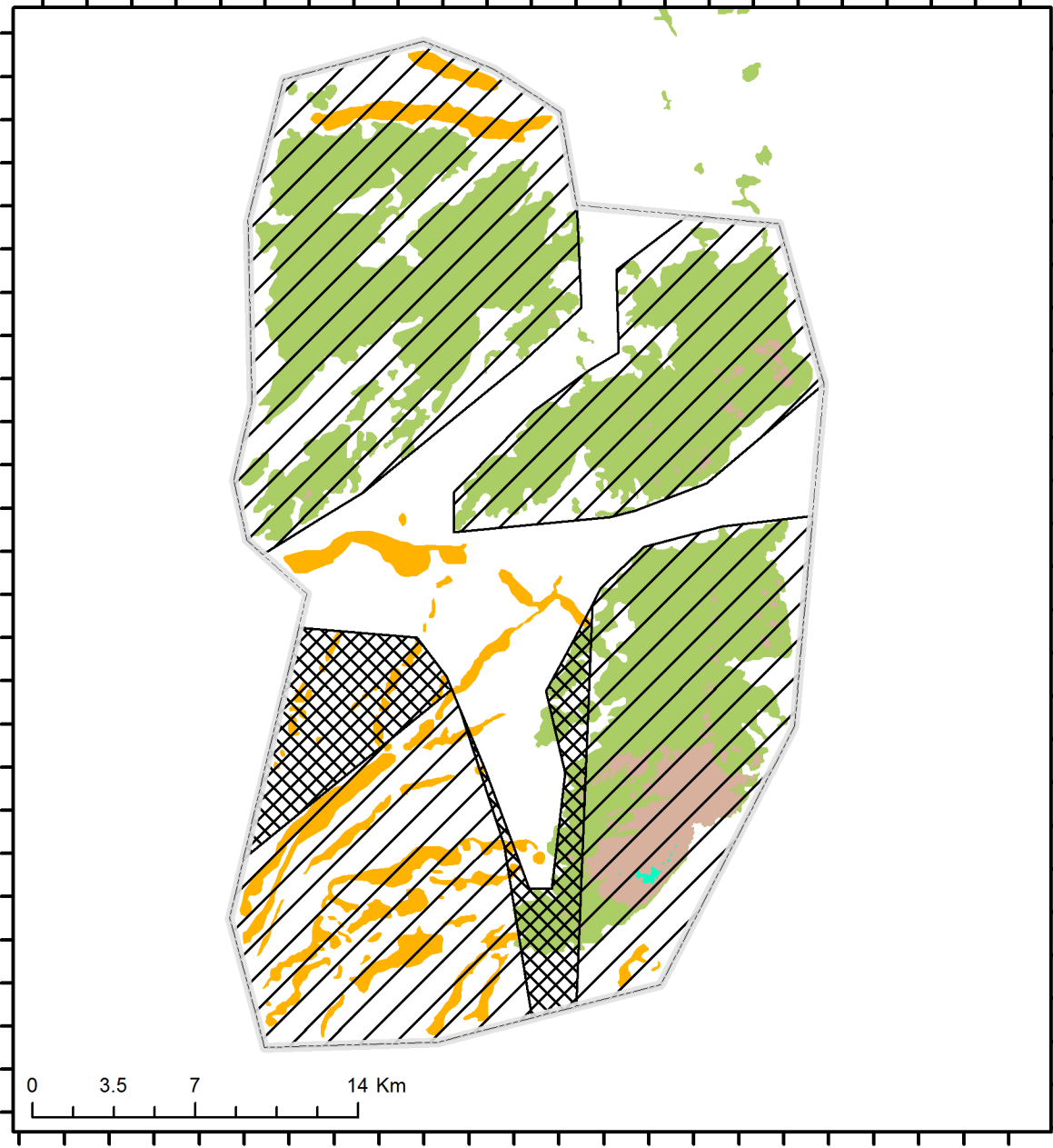
Whole site closed to mobile gear.

Derogation in September and October each year for trawl and seine fishing in the un-hatched area

0 3.5 7 14 Km

# Solan Bank Reef

5°26'W 5°22'W 5°18'W 5°14'W 5°10'W 5°6'W 5°2'W 4°58'W 4°54'W 4°50'W 4°46'W 4°42'W

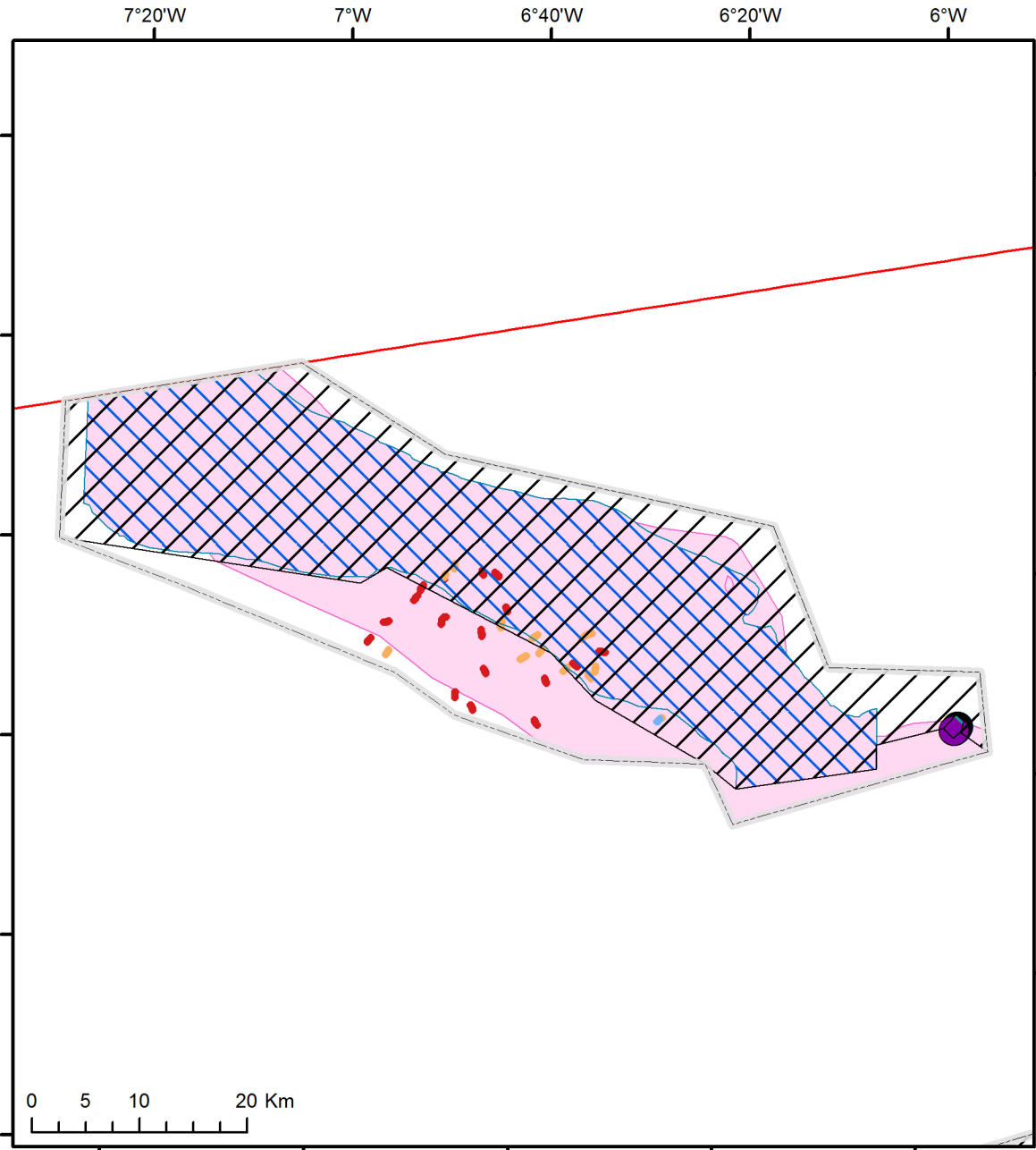


- Site boundary
- Infralittoral bedrock reef
- Shallow circalittoral bedrock reef
- Deep circalittoral bedrock reef
- Stony reef
- No demersal mobile gear
- Changes to management proposals**
- Management proposals removed

Previously the smaller un-hatched area was to be open to trawl and seine all year round.

## Solan Bank Reef





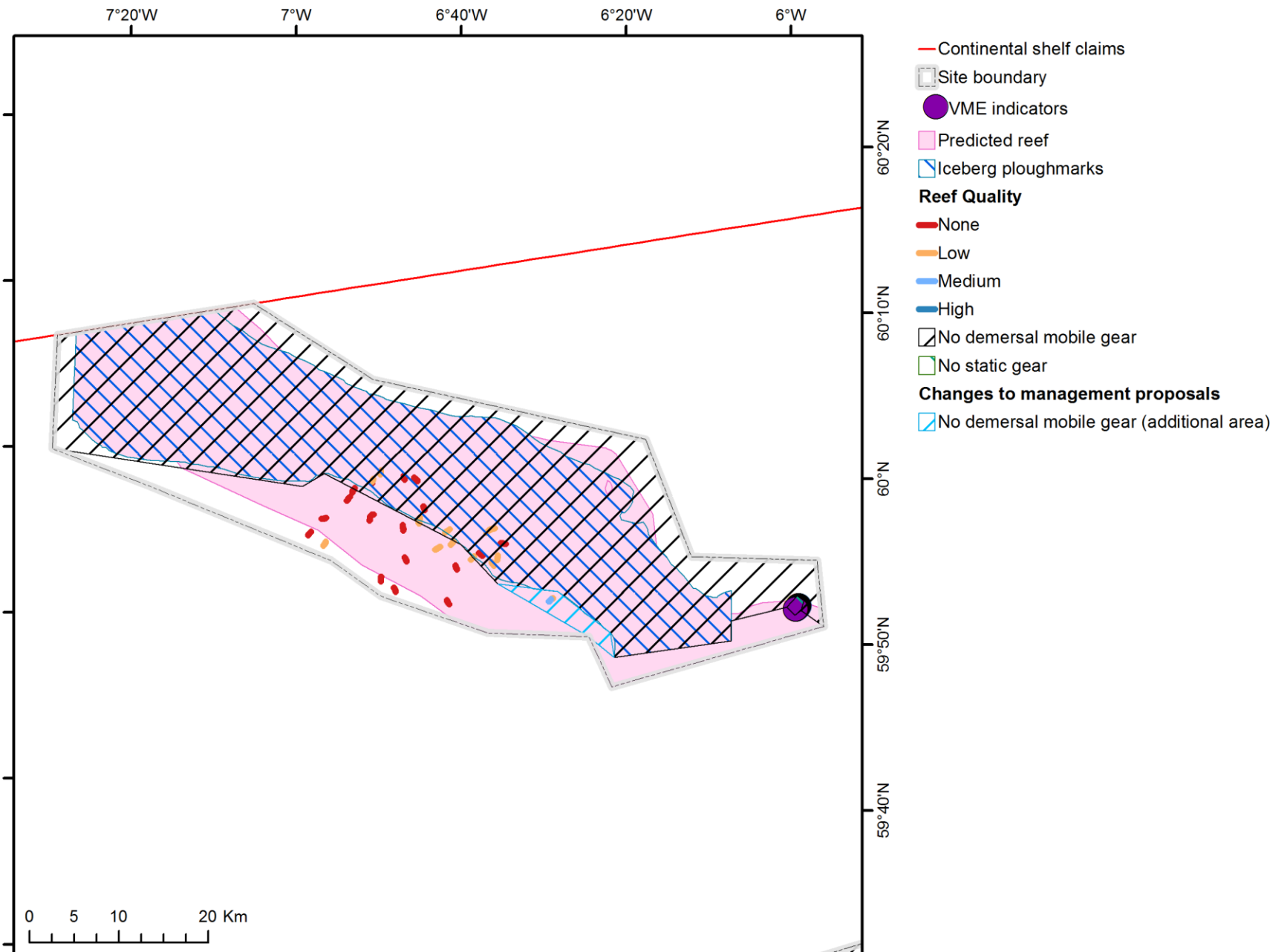
- Continental shelf claims
- ▭ Site boundary
- VME indicators
- ▭ Predicted reef
- ▭ Iceberg ploughmarks
- Reef Quality**
- None
- Low
- Medium
- High
- ▭ No demersal mobile gear
- ▭ No static gear

Increase in size of mobile gear closed area

Based on 2011-15 fishing effort there is no impact of this change

## Wyville Thomson Ridge

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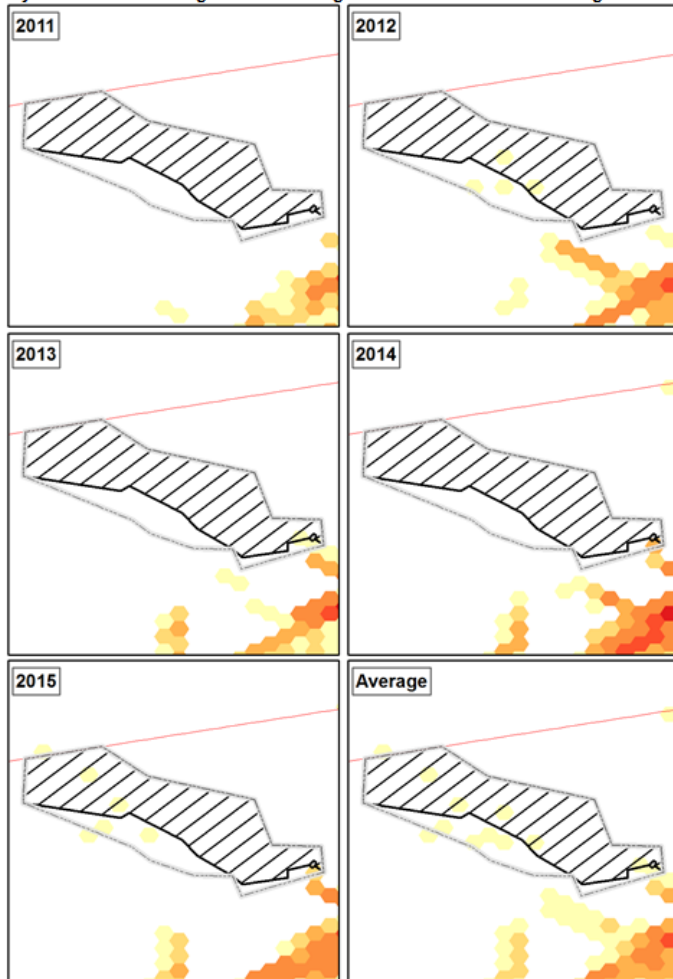


# Wyville Thomson Ridge

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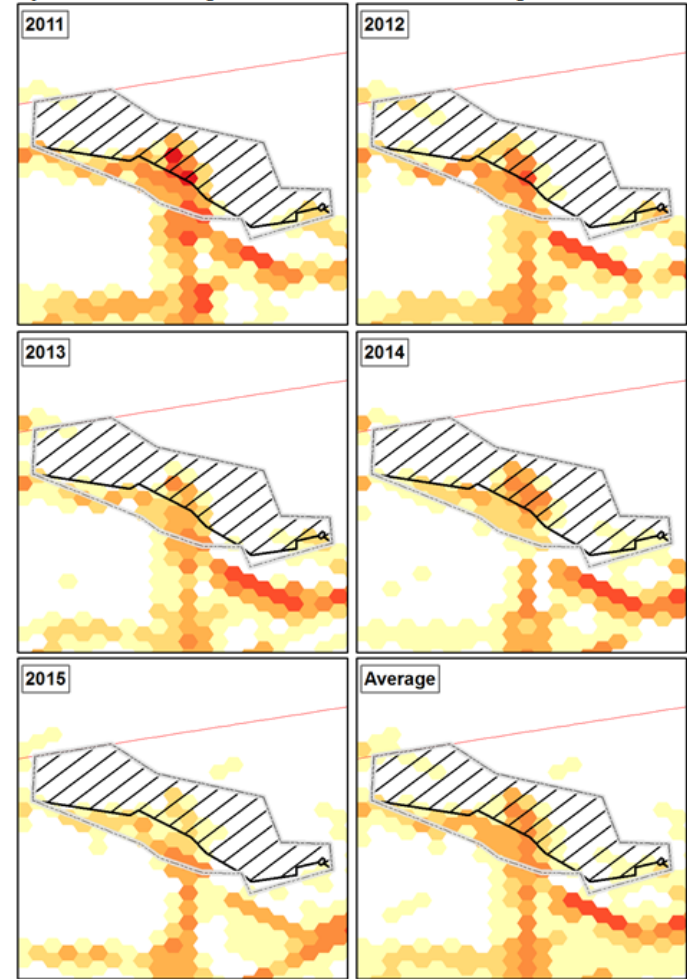
# Wyville Thomson ridge mobile gear effort

Wyville Thomson Ridge – United Kingdom – All demersal mobile gear



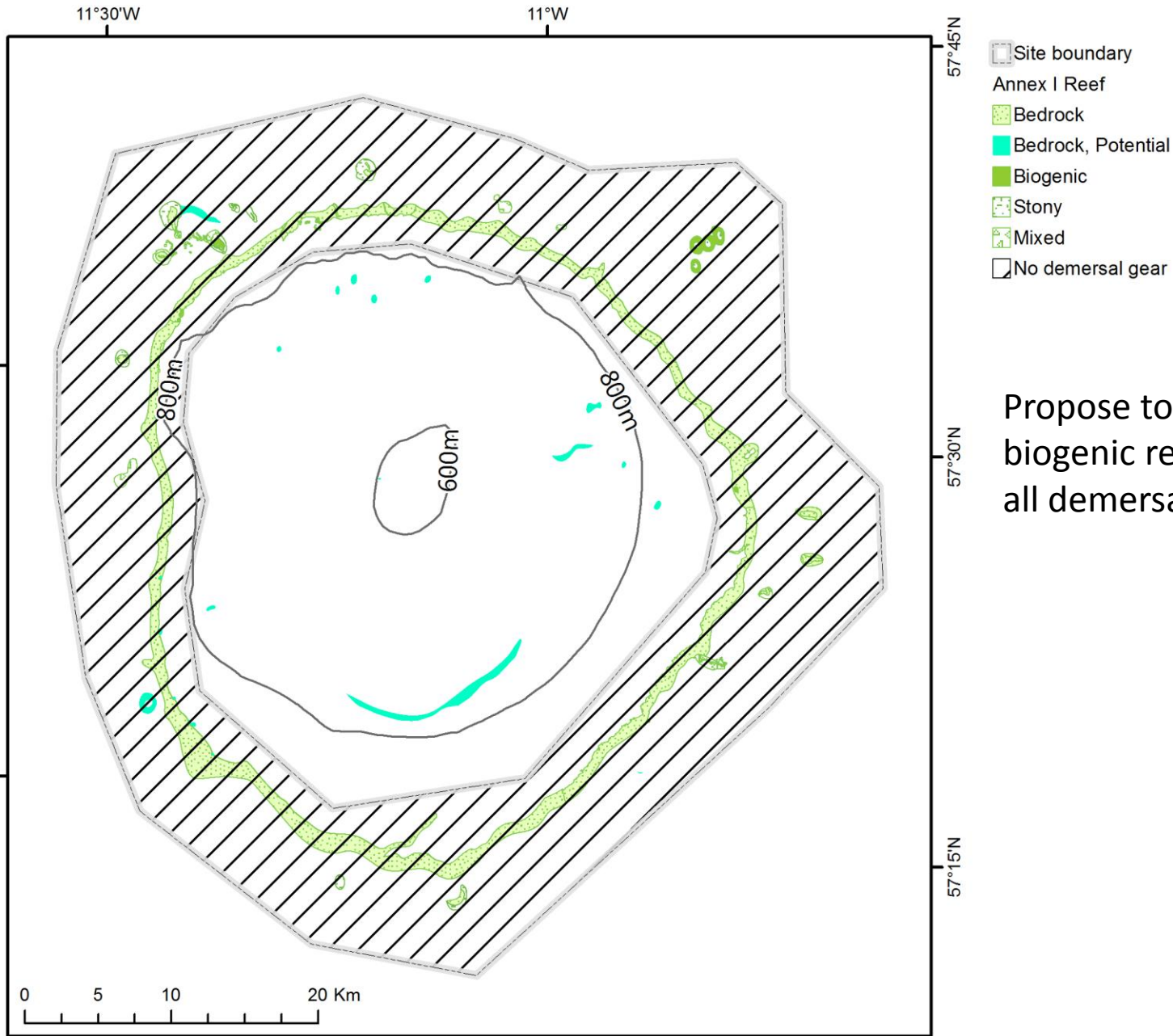
VMS-derived fishing hours  
 0 6 12 24 48 96 144 >  
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Wyville Thomson Ridge – France – All demersal mobile gear



VMS-derived fishing hours  
 0 6 12 24 48 96 144 >  
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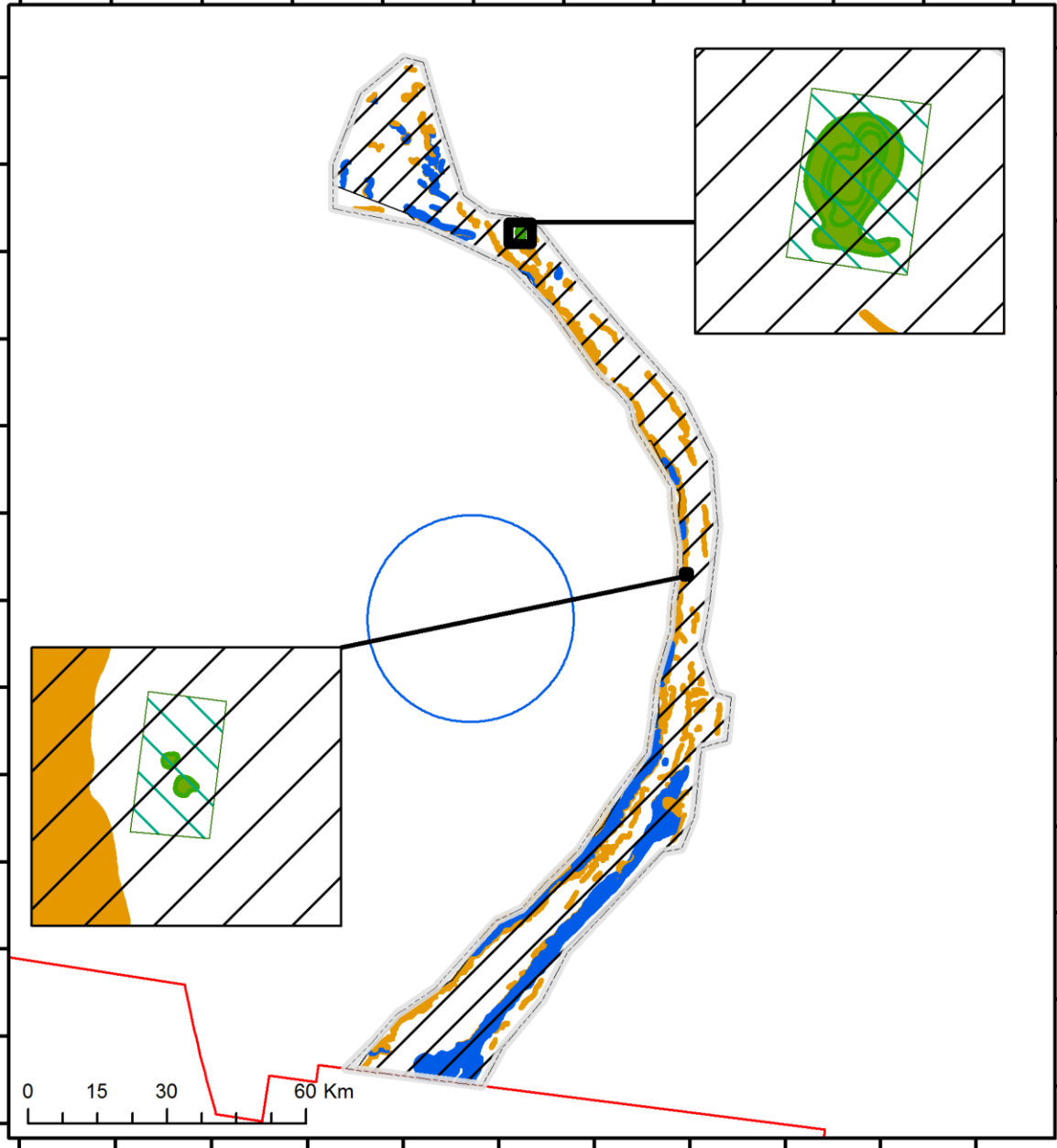
Sites without change



Propose to minimise risk to biogenic reef by prohibiting all demersal gears.

## Anton Dohrn Seamount

15°40'W 15°20'W 15°W 14°40'W 14°20'W 14°W 13°40'W 13°20'W 13°W 12°40'W 12°20'W 12°W

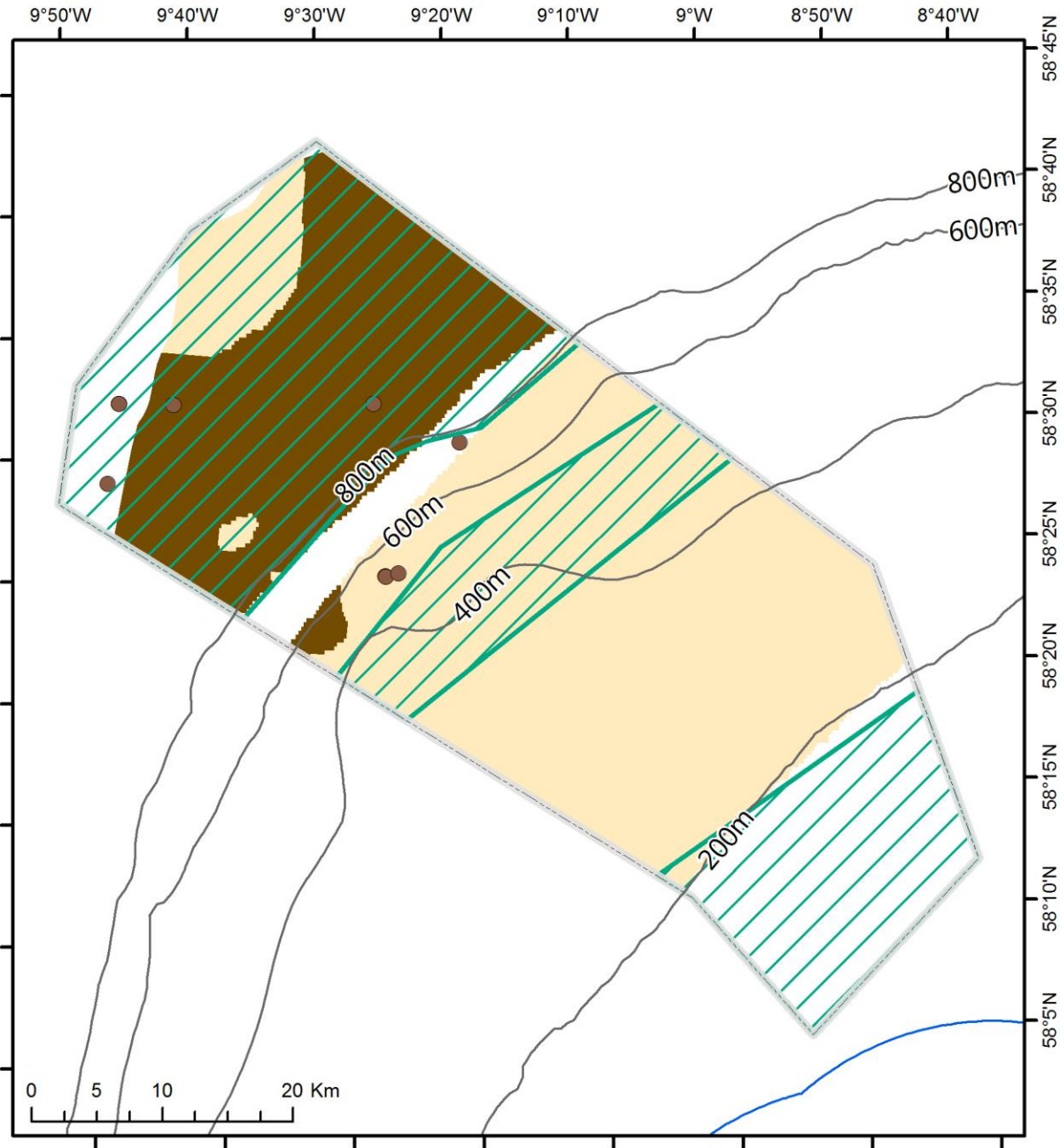


- Continental shelf claims
- Territorial seas
- Site boundary
- Annex 1 Reef Types**
- Bedrock
- Bedrock/Stony
- Biogenic
- Stony
- No demersal mobile gear
- No static gear

Two no static gear zones where there is Lophelia reef.

Indents on west side to enable some trawl activity within the SAC particularly along the top of the cliff

## East Rockall Bank



- Territorial seas
- Site boundary
- Burrowed mud
- Offshore subtidal sands and gravels
- Offshore deep sea muds
- No demersal mobile gear

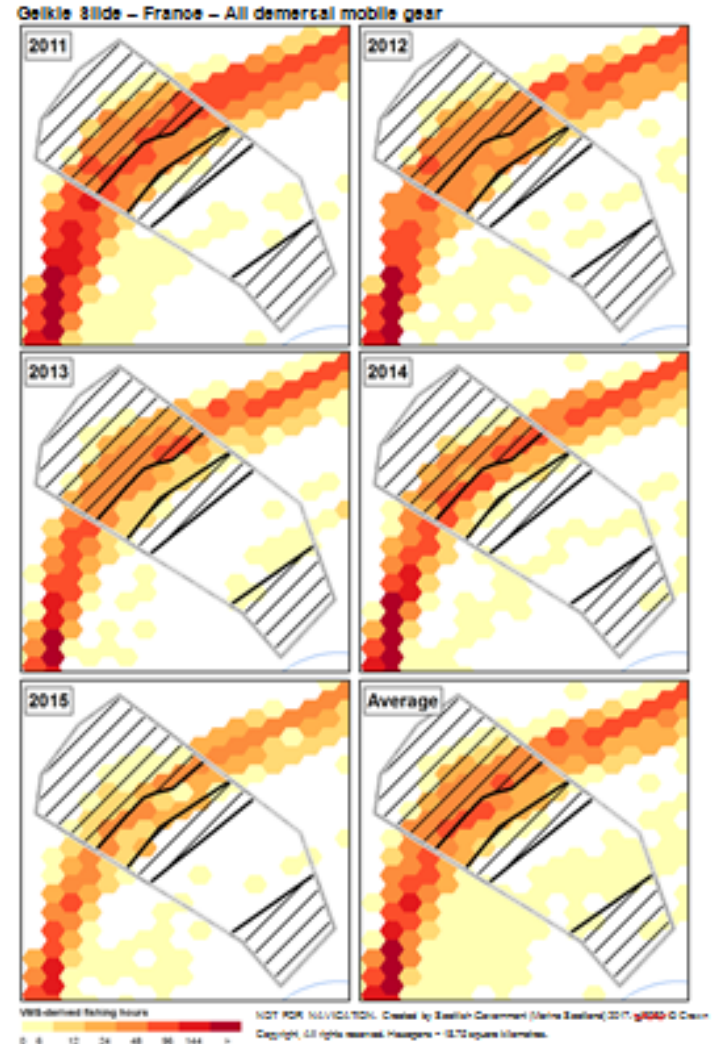
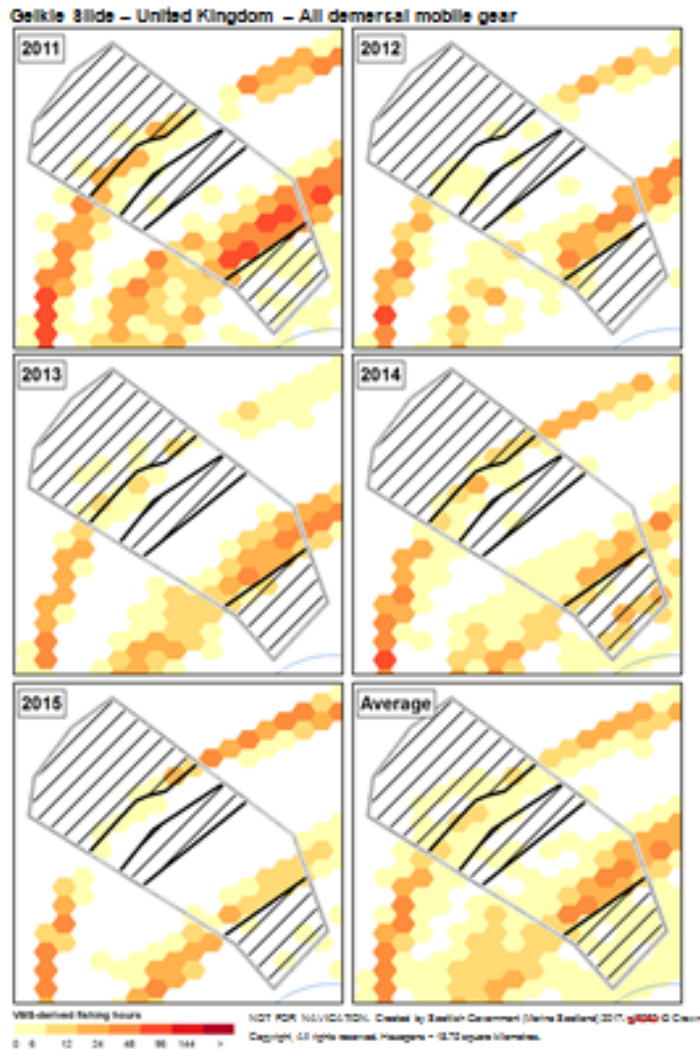
The lower zone has been implemented by the new deep sea regulation.

The other 2 zones provide management of shelf and slope habitats.

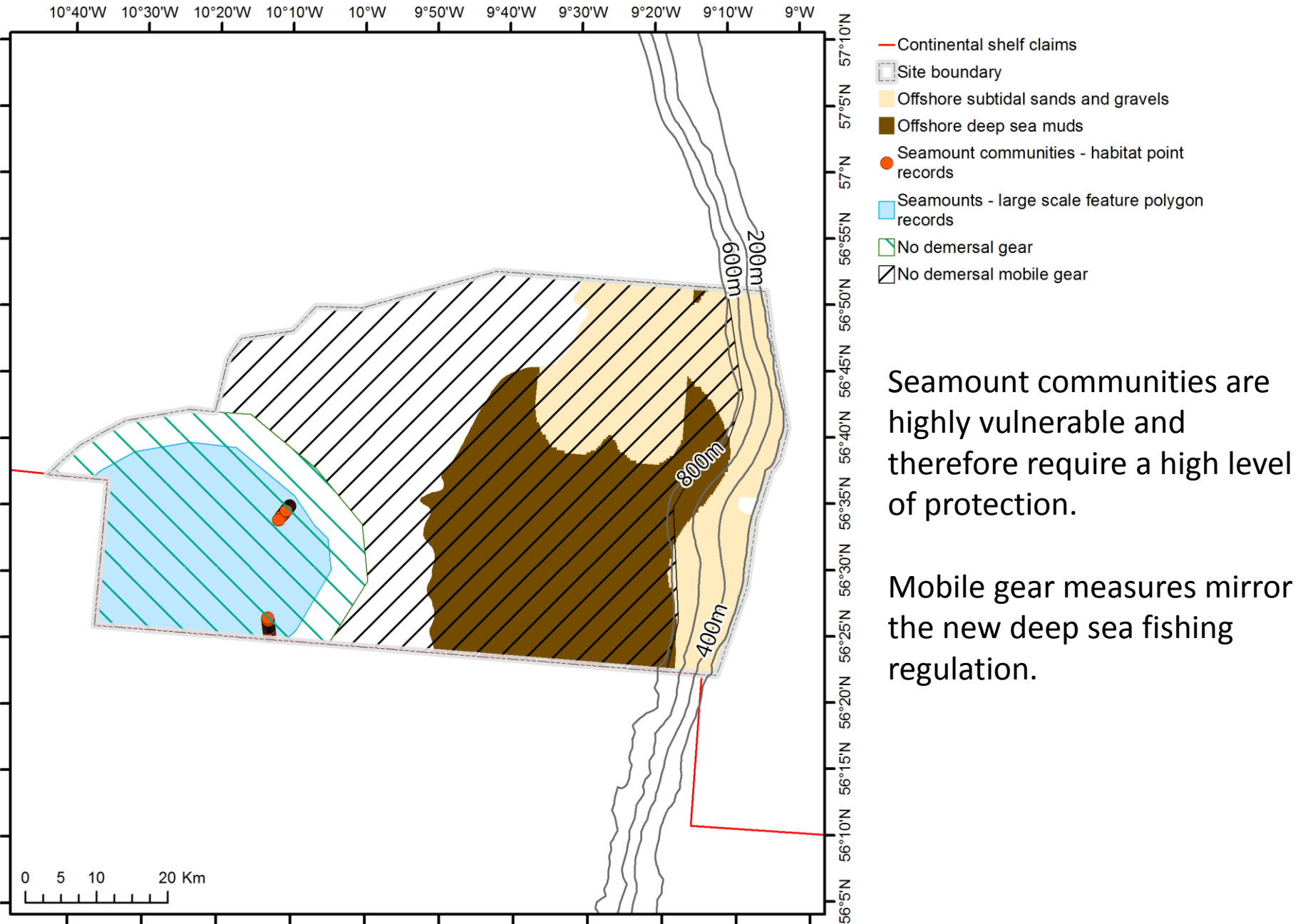
No static gear restrictions

## Geikie Slide and Hebridean Slope

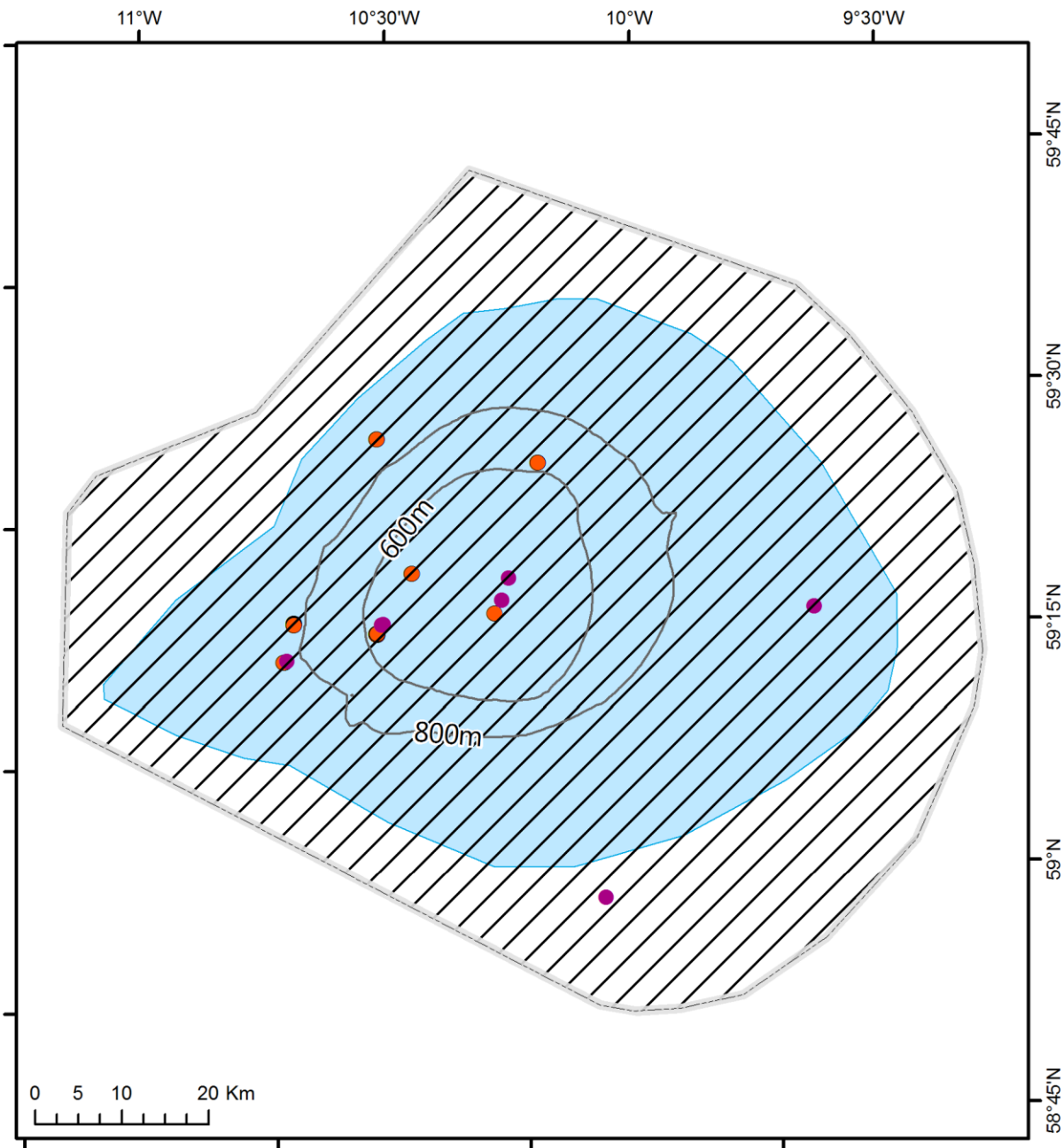
# Geikie Slide mobile gear effort












## The Barra Fan and Hebrides Terrace Seamount

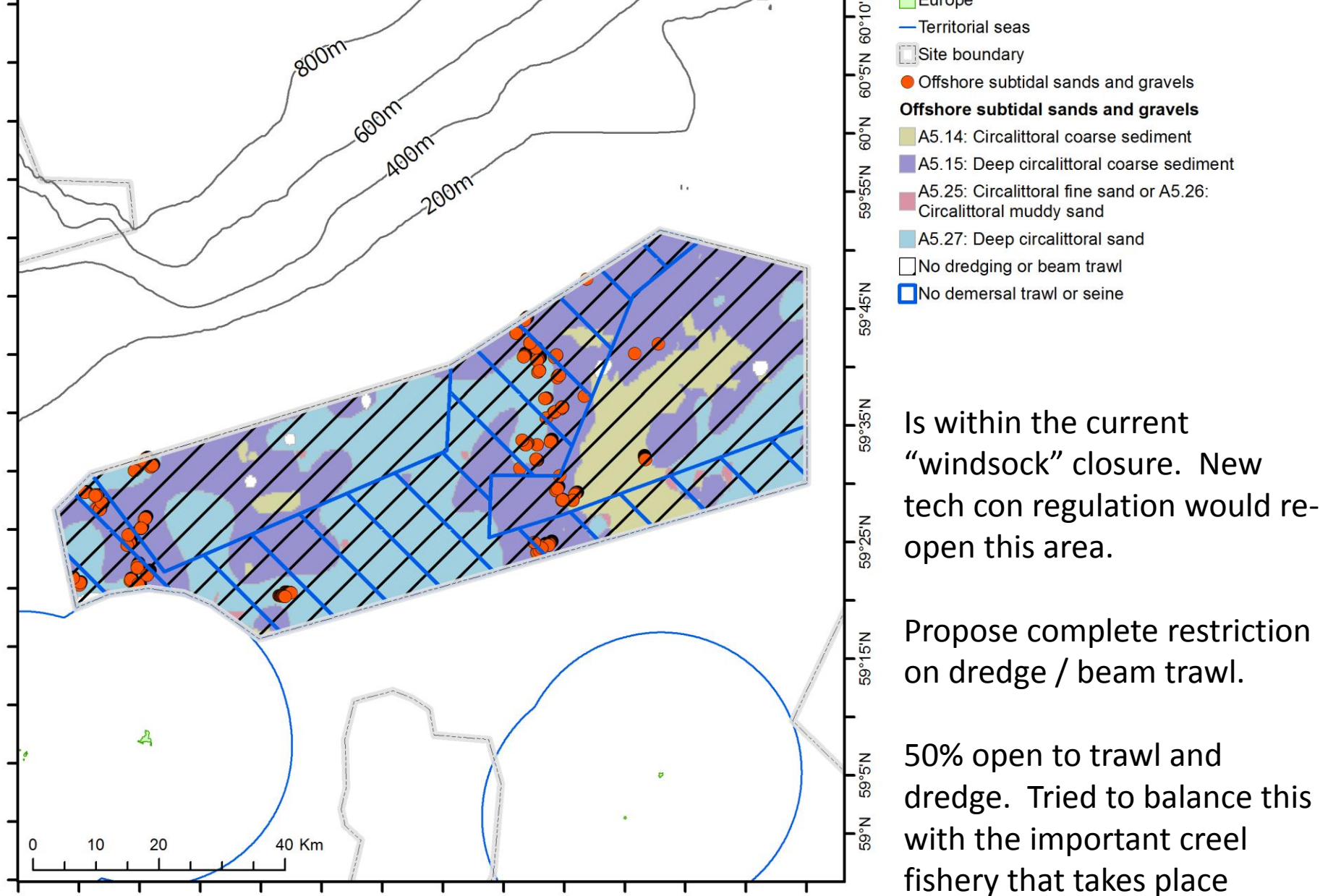


-  Site boundary
-  Deep sea sponge aggregations - habitat point records
-  Seamount communities - habitat point records
-  Seamounts - large scale feature polygon records
-  No demersal gear

The seamount communities and deep sea sponge aggregations are highly vulnerable.

Therefore propose no demersal gear within the MPA.

## Rosemary Bank Seamount

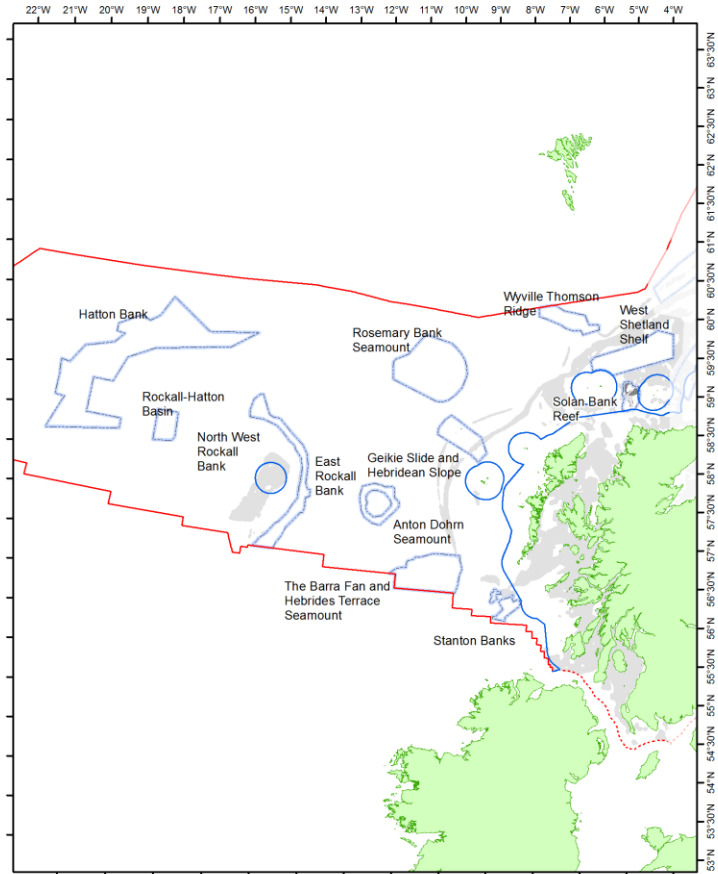


## West Shetland Shelf

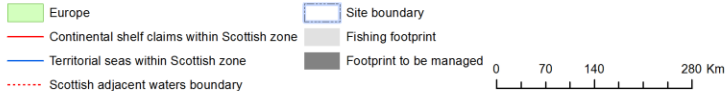
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# Projected change in fishing footprint

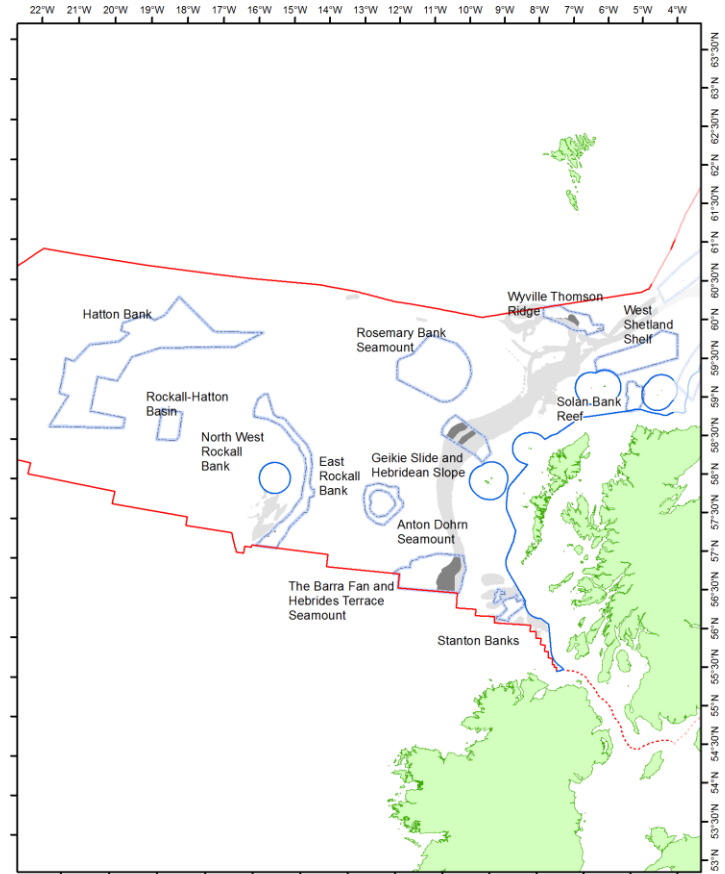
# Mobile footprint



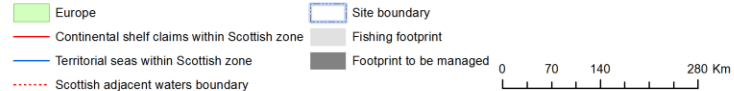
**UK Mobile Gear - VMS Fishing Footprint (95 percentile)**



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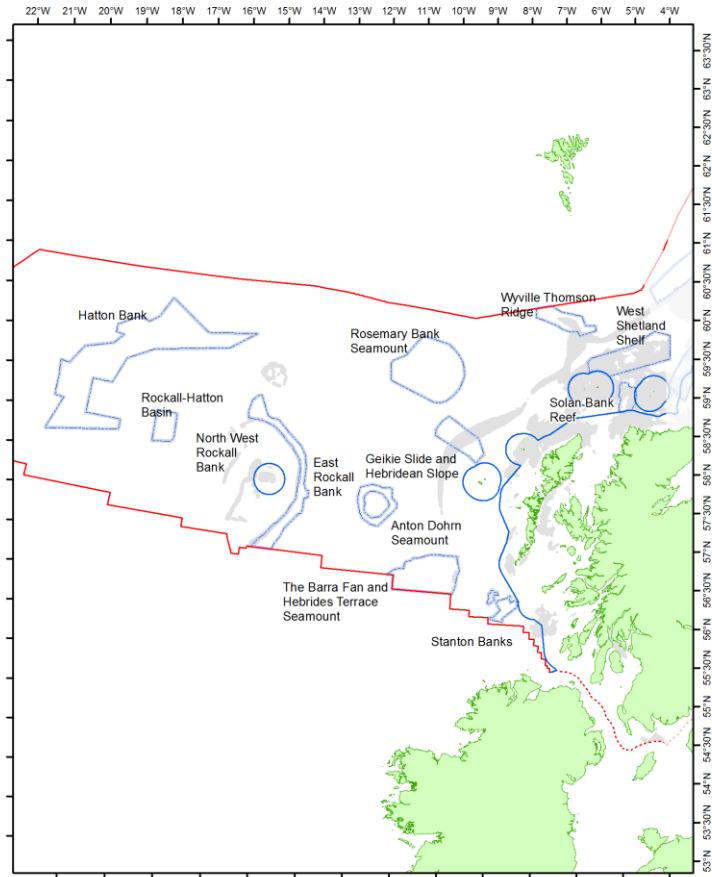


**Non-UK Mobile Gear - VMS Fishing Footprint (95 percentile)**

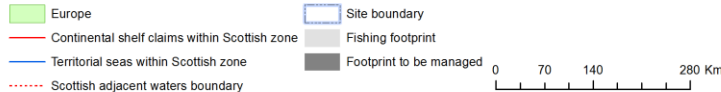


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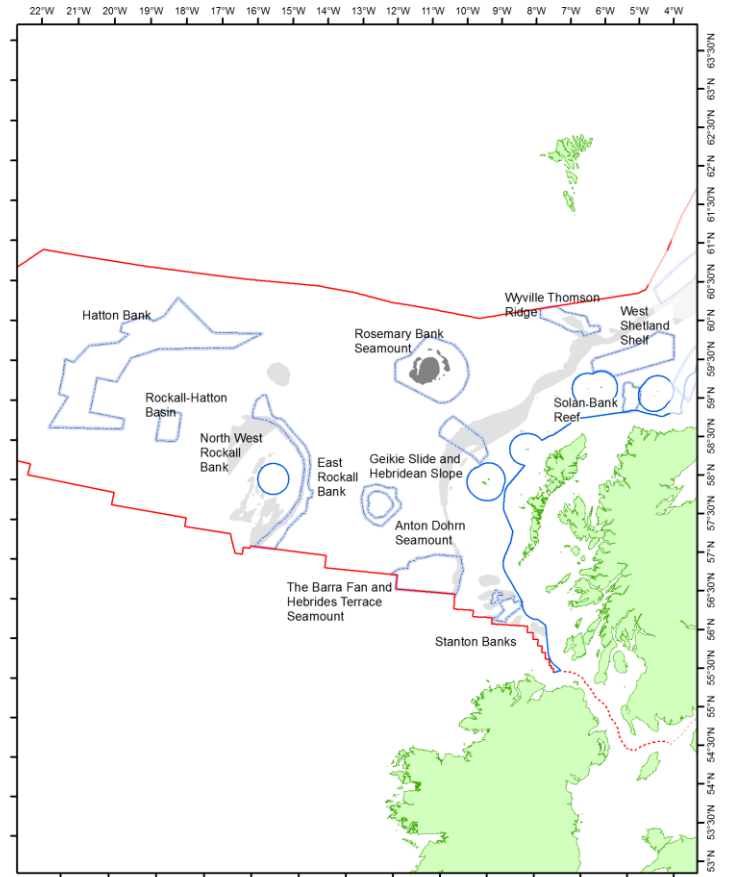
# Static footprint



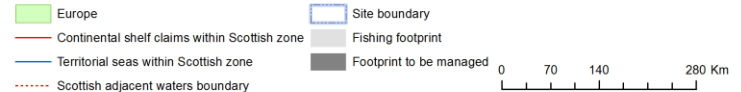
**UK Static Gear - VMS Fishing Footprint (95 percentile)**



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**Non-UK Static Gear - VMS Fishing Footprint (95 percentile)**



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