

NWWAC development of a GIS based online fisheries management chart

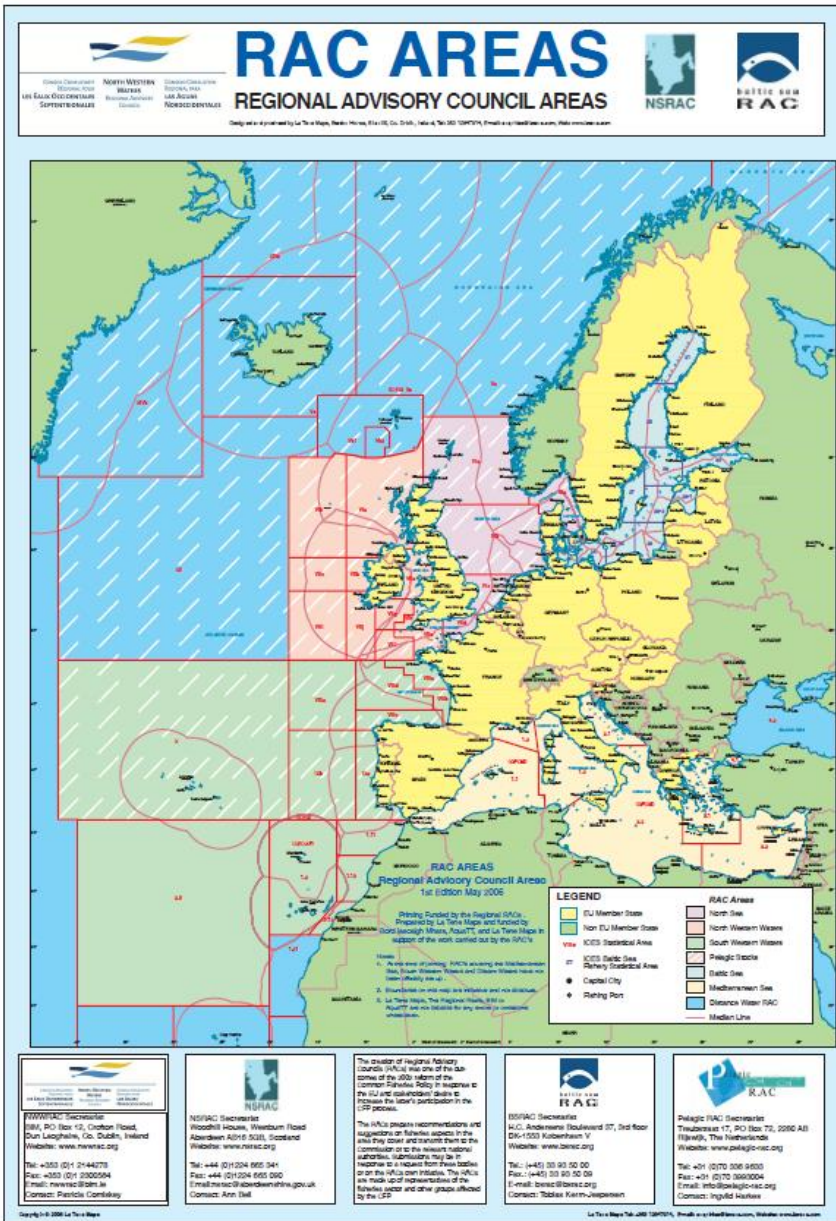
13 July 2021



CONSEIL CONSULTATIF POUR
LES EAUX OCCIDENTALES
SEPTENTRIONALES

**NORTH WESTERN
WATERS**
ADVISORY COUNCIL

CONSEJO CONSULTIVO PARA
LAS AGUAS
NOROCCIDENTALES



First edition of RAC map in 2006 – pdf and print

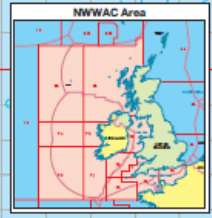
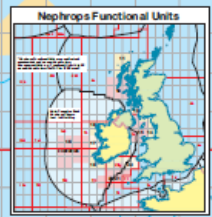
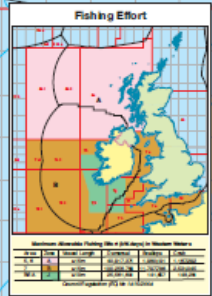
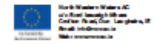
Several updates over the years

Final update 2016



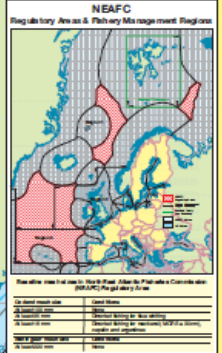
NWWAC Fisheries Management Chart

CONSEIL CONSULTIF POUR LES EAUX OCCIDENTALES SEPTENTRIONALES NORTH WESTERN WATERS ADVISORY COUNCIL CONSELLO CONSULTIVO PARA LAS AGUAS NOROCCIDENTALES

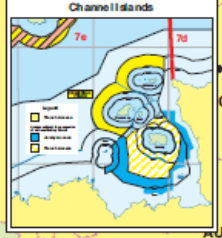
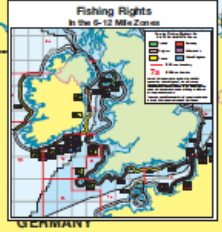
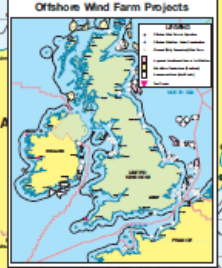


Legend table with various symbols and descriptions for management zones and features.

TAC & Quota Stocks With in Scope of NWWAC table with columns for Species, TAC, Quota, and Stock.



Exemptions to the Landing Obligation table with columns for Species, Area, and Exemption details.

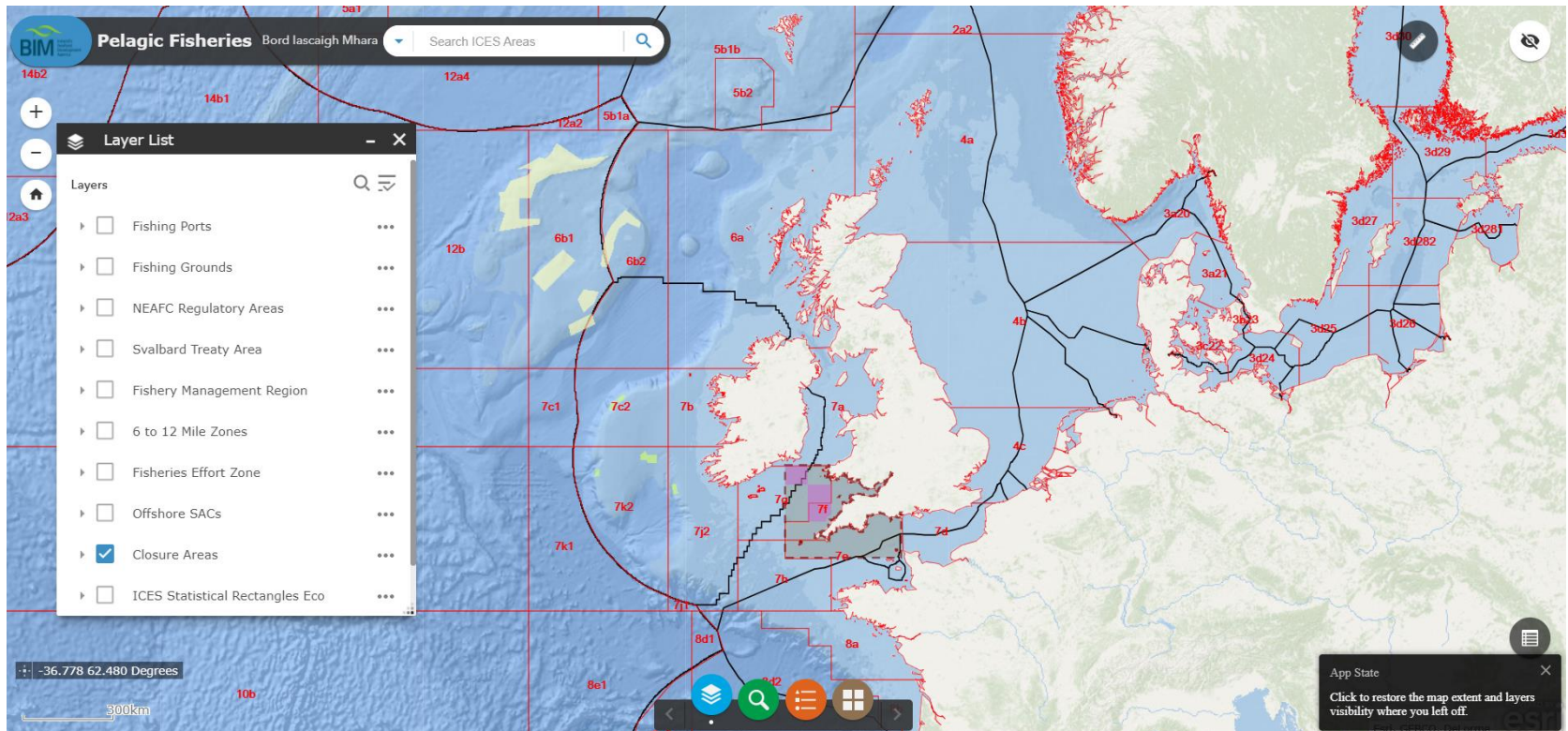
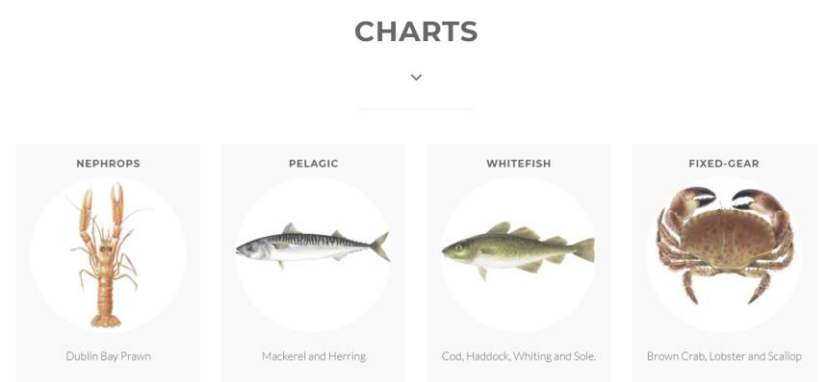


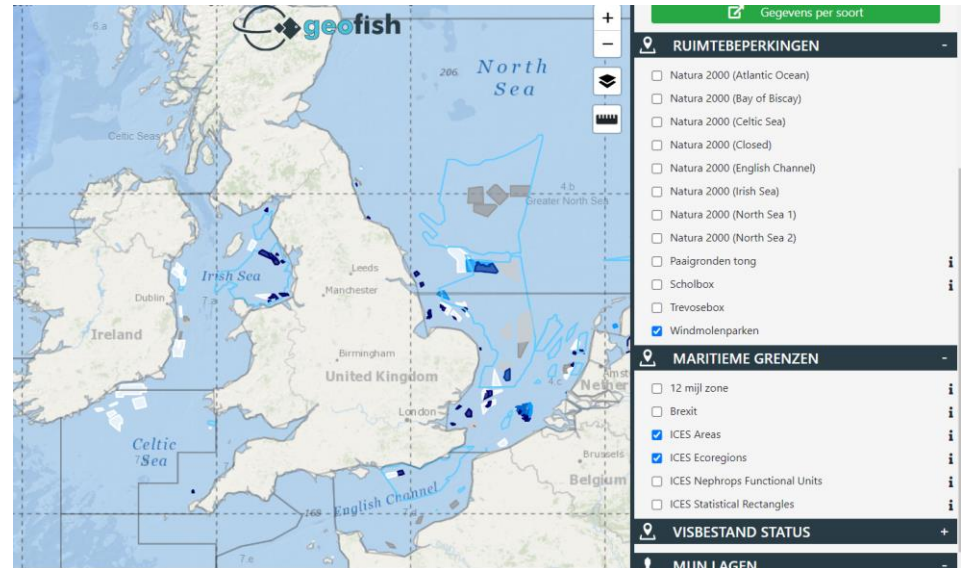
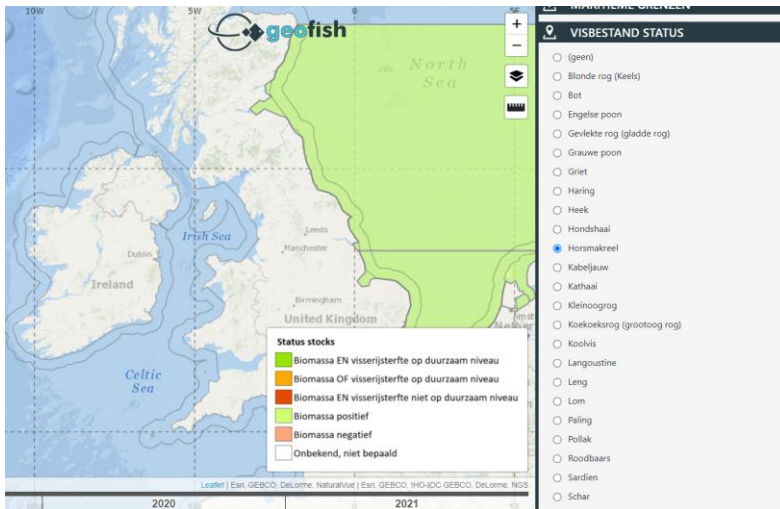
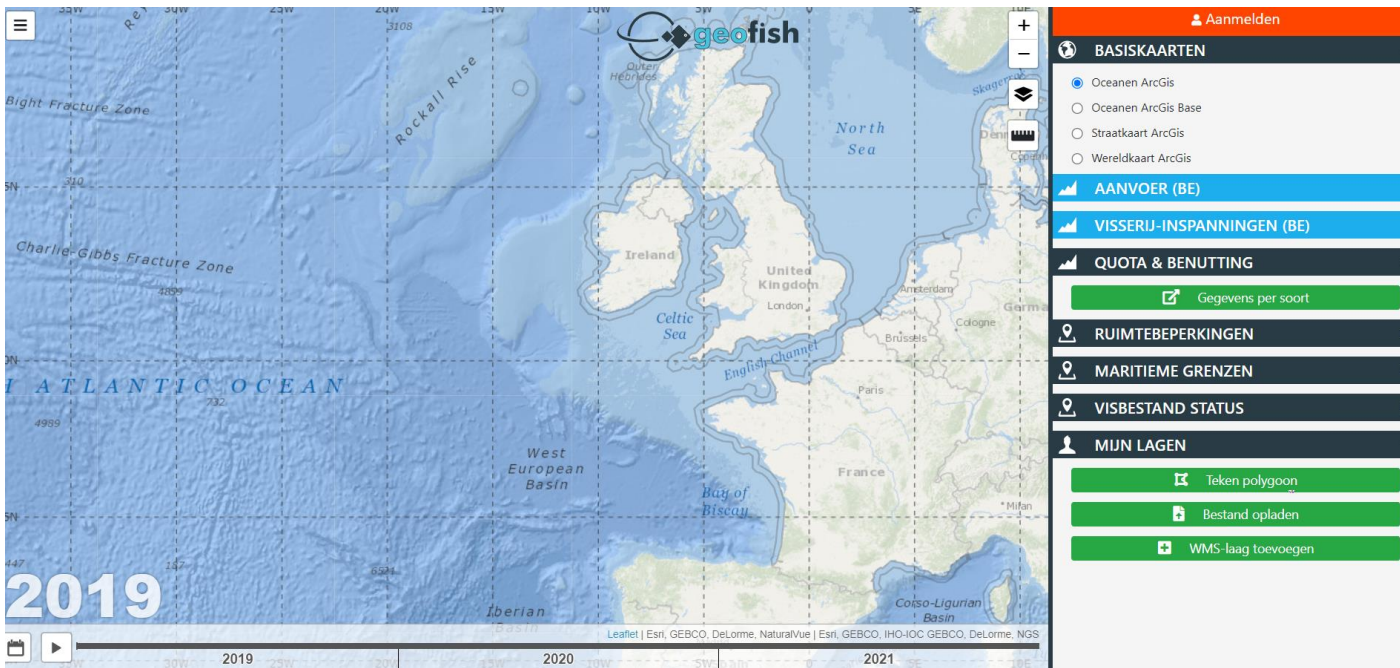
NWWAC Fisheries Management Chart 2021 Edition

Small text at the bottom of the chart providing additional information and contact details.



<http://www.fisheriesmanagementchart.ie/>





<https://www.geofish.be/>

NWWAC Scoping study

- Member State EEZs and 6 to 12 mile zones
- ICES sub-areas/ divisions/statistical rectangles
- Fisheries management regions
- Fishing effort (EC 1415/2004)
- Closed areas (EU 2019/1241)
- ICES stock health (traffic light system)
- Wind energy developments
- Marine protected areas
- NEAFC regulatory area management measures (EU 2019/1241)
- Annual TAC information
- Management measures
- Restrictions on fishing
- Restrictions on gear
- Designated fish landing ports
- Individual password protected charts for members to be able to plot additional information related to their individual operations, for example ship wrecks, but not to be used instead of commercially available chart plotters

Collaboration with other ACs

- Web design: one landing page with sub pages per AC?
- Outline of the area covered by each of the AC's colour coded?
- FAO fishery statistical areas relating to ICES, NAFO, GFCM etc.
- EEZ's/200 NM limits of coastal states
- 10 degree grid
- Languages?
- Web developer and host?
- Map developer?
- Development costs?
- Maintenance costs?

Outcomes of NWWAC Scoping Study

1. Definite list of criteria for inclusion in GIS based application based on NWWAC members' responses
2. Clear overview of data availability (sources, formats etc), needs for additional data conversion and collaboration opportunities with existing web GIS providers
3. Potential for linkages for other Advisory Councils to be included
4. Estimation of ultimate project development cost
5. Estimation of project maintenance cost

Thank you!