

## PRELIMINARY CRUISE REPORT

|                     |              |
|---------------------|--------------|
| Cruise name/number: | MOOSE_GE2024 |
|---------------------|--------------|

### Authorizations:

| Coastal State | Authorization Document Number | National Participant(s)   |
|---------------|-------------------------------|---|
| Italy         | 78052-P                       | Ministero degli Affari Esteri e della Cooperazione Internazionale |
| Spain         | 51/18.2                       | MINISTERIO DE ASUNTOS EXTERIORES, UNIÓN EUROPEA Y COOPERACION     |

### Scientist in charge of reporting:

|                             |   |
|-----------------------------|---|
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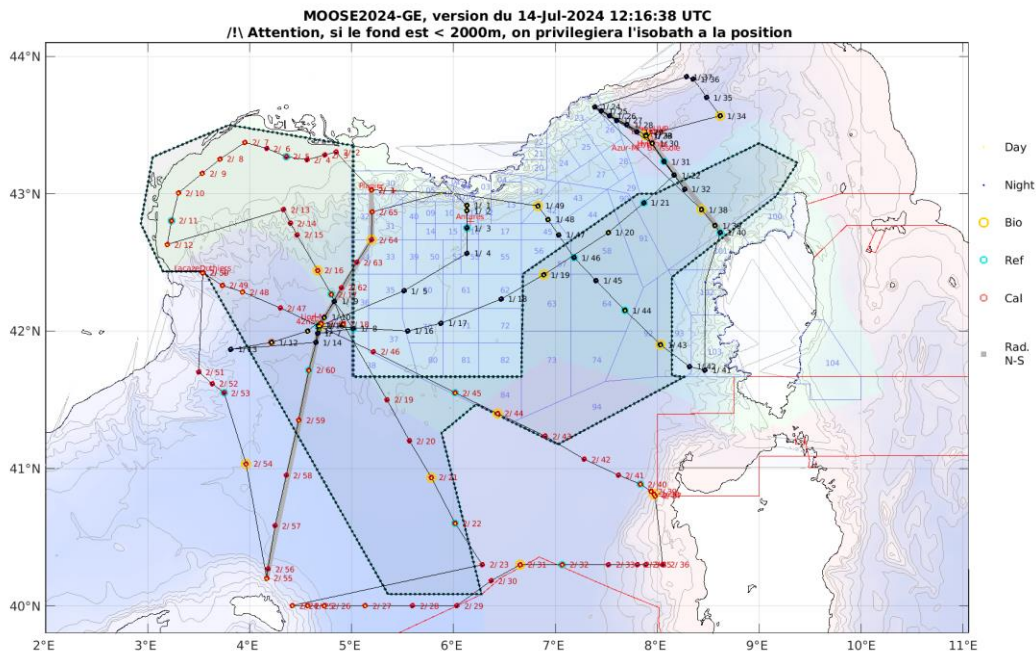
### Brief description of scientific objective:

The annual MOOSE-GE campaigns, which began in 2010, are part of the French MOOSE network and allow for mapping the northwest basin over 300,000 km<sup>2</sup> in 24 days with more than 100 stations using offshore vessels. They involve sampling the North Gyre to monitor water mass properties and their impact on chemical content (O<sub>2</sub>, CO<sub>2</sub>, nutrients) and zooplankton distribution from surface to deep waters. The collected data are used for monitoring pelagic habitats and eutrophication, as well as for the validation of numerical and climate models. The campaigns include the maintenance of 4 deep moorings, the collection of zooplankton species (around 15 nets), 100 hydrological stations (CTD) and the training of students from Sorbonne University. This mapping provide an annual snapshot of the region's hydrological, chemical, and biological characteristics.

### Update on anticipated dates for delivery of final results:

|   |   |
|---|---|
| Metadata:                               | (locations of stations, variables measured, types of samples) |
| Raw Data:                               | At the end of the cruise (GDAC CORIOLIS)                      |
| Processed Data:                         | End of 2024   |
| Data Analysis:                          | Mid 2025  |
| WODC Data Registration (if applicable): | <a href="#">10.18142/235</a>                                  |

Append image or URL illustrating the route of the platform, locations where measurements were taken, and actual cruise track:



**Réf :**  
**DRAFT STANDARD FORM C**  
**Art 249 from UN Covention of law of the sea**