



## **EuroGOOS FerryBox Task Team**

### **Terms of Reference:**

1. Develop the European FerryBox network and assist the standardization of FerryBox operations, data and applications, including:
  - All applications of FerryBox Systems (physical, chemical, biological parameter etc...)
  - Common procedures on operation, quality control and data handling of FerryBox systems (link to best practise in EU projects JERICO and JERICO-NEXT)
  - Implementation of new upcoming probes and sensor systems
  - Applications in combination with other technologies (including satellites, fixed platforms, gliders, numerical modelling...)
2. Act as the European component in the global community using ships of opportunity (e.g. JCOM-SOT)
3. Ensure the integration of FerryBox networks in the European Operational Oceanographic Services and contribute to the development of the European Ocean Observing System (EOOS)
4. Ensure data availability via the EuroGOOS ROOS data portals including data quality procedures
5. Foster dialog between operators and end-users on:
  - Data structure, format and dissemination (interoperability of datasets)
  - Quality control procedures
  - Validation procedures
  - Technological solutions
6. Be a framework for operators to:
  - Operating a common website
  - Share success stories and difficulties
  - Provide and exchange open source tools (data analysis, applications...)
  - Promote scientific synergies for key questions
  - Fill gaps and looking for complementarity with other technologies or modelling products
  - Promote joint proposals through networking (e.g. create synergies between different local consortium INTERREGs...)

## Work plan

AC: Achieved

IP: In progress

ST: Short term Actions (<1-2 years)

MT: Mid-term Actions (> 2 years)

## Setting up /promotion of the FerryBox group

Action	Term	Who/ToR/...?
ToR and roadmap (this document)	AC	HZG, NIVA
Create LOGO (based on existing FB community logo?)	IP	HCMR, HZG
Core group definition, adding strategic members	IP	HZG, NIVA
Upgrading and/or updating existing webpage (www.ferrybox.org)	AC, IP	HZG
EMODnet Phase 3: promoting FerryBox activities in that context Coordination To fill gaps in key places Supporting funding of existing systems	ST	EuroGOOS
Seek funding for joint/coordination activities Prepare a COST ACTION proposal	ST	EuroGOOS + Everybody
Identify other funding possibilities for network activities (H)	IP	Everybody
White paper: Status and achievement of FerryBox activities	IP	FB-TT
Reporting FerryBox Task Team activities	ST	HZG, NIVA

## Towards providing a framework to FerryBox users

Action	Term	
Optimize website for the group Subtasks: - Information about existing FB lines (routes, parameters, instruments etc.) - Organization of the information in the webpage (news, links with key webpages...) - Define topics	IP AC IP IP	HZG, EuroGOOS
FerryBox workshops every 1.5 years	ST	FB-TT, (next HCMR)

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Other participation in between (for example in JCOMM, EGU...)	<b>IP</b>	<b>everybody</b>
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**Towards common European recommendations (first ideas, not completely discussed)**

<b>Action</b>	<b>Term</b>	<b>Who</b>
Reporting on existing European and national projects (work plan, results...)	<b>ST</b>	<b>FB-TT</b>
Intensify contacts with other groups operating SoOPs (ICOS, JCOMM-SOT ...)	<b>IP, ST</b>	<b>FB-TT, HZG</b>
Identify existing activities in other countries outside Europe	<b>ST</b>	
Template for key research questions around the use of FerryBox systems	<b>ST</b>	
Complete the inventory (data management procedures, applications, stakeholders achieved, which kind of founding...)	<b>ST</b>	
How to recover the need from the different kind of users (workshops...) – related to the format	<b>St</b>	
Identify specific added value of FerryBox products that can be useful for specific stakeholders	<b>ST</b>	
How to coordinate FerryBox activities/measurements to address long-term environmental change	<b>MT and beyond</b>	