

## Report on Activities for TPWG 2013

### Contact

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### TPWG Members and change in membership

Membership is to be assigned at the Annual meeting in Brussels on November 19<sup>th</sup> to 21<sup>st</sup> 2013

### Terms of Reference

- Identify existing technology which is adequately developed and tested to support operational oceanography
- Identify new technology which is under development and which is needed by EuroGOOS
- Identify gaps in technology which are problematic and which need to be resolved in the foreseeable future.

The TPWG has the following important objectives for oceanography in Europe:

- For end users: facilitate finding equipment or systems to meet their specific needs and whether user experience already exists
- For the developer: identify new technologies requiring further development and, possibly, cooperation in multinational trials.
- For the manufacturer: find opportunities for new products or the manufacture of successfully developed prototypes.

### Main Achievements during the last year

Forum for Coastal Technologies has met successfully under JERICO and plans a new meeting in March 2014, focused on DO sensor calibration

Work within WP3 of JERICO of relevance to TPWG is now complete

Emerging technologies WP in JERICO is very active at present following a recent workshop in Villefranche heavily focused on imaging technologies and biological compartments.

### Plan for next year

With EuroGOOS Board agreement, assemble a small team to produce a document (EuroGOOS publication) on “Technologies Underpinning Operational Oceanography” based on the following JERICO deliverables:

- D3.1. Report on current status of Ferrybox (available)
- D3.2 Report on current status of glider observations in Europe (available)
- D3.3 Review of current marine fixed platforms (available)

Complete a data quality manual to support the work of Data-MEQ (Recommendations for *in-situ* data, Real Time Quality Control) focused on preparation of field equipment and techniques used for their deployment that ensures good data quality. Based on JERICO deliverable:

D4.4 Report on best practice in operation and maintenance (not yet available)

### **Relation to major projects**

Strong link to emerging JERICO project (Forum for coastal technologies, and emerging technologies work packages)

### **Challenges and Problems**

Securing active membership of TPWG