

## Thursday October the 4<sup>th</sup>

### 9.00-13.00 Best Practices Workshop – session 1

#### - **Bio-fouling Best Practices (9.00-10.00)**

- Physical Sensors (Temp. & Cond.) - Optical Sensors (Chl, Turb. & Oxyg) (Laurent Delauney - IFREMER) (25mins)
- Discussion (15mins)

#### - **Calibration Best Practices (10.00-13.00)**

- Chlorophyll and turbidity (Jukka Seppala – SYKE) (15mins)
- Temperature and conductivity (Florence Salvetat – IFREMER) (15mins)
- Chemical sensors calibration issues (nutrients) (Wilhelm Petersen – HZG) (15mins)

### 10.30-11.00 Coffee Break

- Chemical sensors calibration issues (pCO<sub>2</sub>) (David Hydes - NOCS) (15mins)
- Dissolved Oxygen (Florence Salvetat – IFREMER) (15mins)
- review on commercial and prototype Oxygen sensors and their performance with respect to biofouling (Carolina Cantoni CNR) (15mins)
- Experiences with different types of oxygen sensors on fixed platforms (Detlev Machoczek - BSH) (15min))
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- Future Activities: White paper for Oxygen measurements to be discussed in the Forum for Coastal Technology (Laurent Coppola – CNRS / Stefania Sparnocchia - CNR)
- Trans-network nodes (performing standard calibrations for the partners) (David Hydes- NOCS / George Petihakis - HCMR) (15mins).
- Discussion (30mins)

### 13.00-14.00 Light Lunch

## **14.00-18.30 Best Practices Workshop – session 2**

### **– End-to-End Quality Assurance (14.00-18.30)**

(Best Practices on Sensors, Housings, Pre & Post deployment procedures, Data processing)

*Considering that during the 3 previous workshops each partner has presented his infrastructure (current status WP3) the aim here is to present their practices on maintenance, pre and post deployment procedures (cleaning etc), maintenance, storage, transport, data transfer, data post-process, etc. The idea is by the end to be able to describe the COMMON BEST PRACTICE for each platform. Towards this small working groups elaborating the main issues and recommendations concerning End-to-End best practice for each platform will be formed.*

#### ○ **Fixed Platforms (FP)**

- ❖ Summary of Fixed Platform workshop (Stefania Sparnocchia - CNR)(15mins)
- ❖ Single contributions about best practise by different partners (IFREMER, IBWPAN, CNR, HCMR, BSH, CEFAS, SMHI, AZTI) (15mins each)

✚ HCMR: Manolis Ntoumas

✚ CNR: Stefano Miserocchi

✚ BSH: Detlev Machoczek

✚ SMHI: Malin Mohlin

✚ CEFAS: Dave Sivyer

✚ AZTI: Carlos Hernandez

✚ IFREMER: Yannick Aoustin

✚ IBWPAN: Piotr Szmytkiewicz

## **16.00-16.30 Coffee Brake**

- ❖ FP discussion (30mins)

## Friday October the 5<sup>th</sup>

### 9.00-13.00 Best Practices Workshop – session 3

#### – End-to-End Quality Assurance (9.00-11.45) (cont):

- **FerryBoxes (FB):**
  - ❖ Summary of FB workshop (David Hydes – NOCS) (15mins)
  - ❖ Single contributions about best practise by different partners (SYKE, NIVA, CNRS, HCMR, NERC, HZG, SMHI) (15 mins each)
    - ✚ CNRS: Pascal Morin
    - ✚ NIVA: Kai Sörensen
    - ✚ NERC: Mark Hartman
    - ✚ HZG: Wilhelm Petersen
    - ✚ SYKE: Seppo Kaitala
    - ✚ HCMR: Manolis Ntoumas
    - ✚ SMHI: Malin Mohlin

### 10.30-11.00 Coffee Break

- **FerryBoxes (cont):**
  - ✚ HZG: Wilhelm Petersen: FB data handling and real-time quality assessment (15 min)
  - ✚ FB discussion (30mins)

### 11.45-13.00 Best Practices Workshop – session 4

#### – End-to-End Quality Assurance (11.45-13.00) (cont):

- **Gliders (GL):**
  - ❖ Summary of Glider workshop (Simon Ruiz - CSIC) (15 mins)
  - ❖ Single contributions about best practise by different partners (15mins each) (IFREMER, HZG, CSIC)
    - ✚ CISC: Simon Ruiz
    - ✚ HZG: Pre-operational glider operation in the North Sea (Wilhelm Petersen)
    - ✚ LOCEAN-IPSL: Pierre Testor
  - ❖ Gliders discussion GL (15mins)

### 13.00-14.00 Light Lunch

### 14.00-15.00 Workshop Conclusions