



# Eurofleets



## INVITATION FOR SENSOR WEB ENABLEMENT (SWE) WORKSHOP

**Tuesday 15 March 2016 from 13.30 till 17.00 hours in Room 6 South Gallery**

Various projects in Europe, USA and Australia are making progress with adopting Sensor Web Enablement (SWE) and developing SWE standards. These can be applied by operators of operational marine observation systems to describe in more detail their observations and to provide standardised access to these observations using the Sensor Observation Service (SOS) protocol. This can provide a way for direct access to the related data streams from operational sensor systems, such as real-time ocean monitoring networks and underway data from systems on board research vessels.

Partners from several EU funded projects and initiatives in Europe (such as Eurofleets2, SeaDataNet II, BRIDGES, FixO3, JericoNext, NeXOS, SenseOcean, Schema, ODIP II), USA (IOOS,

X-DOMES), and Australia (AODN) have teamed up to avoid interoperability issues and to tune the development of marine profiles of OGC SWE standards that can serve as a common basis for developments in multiple projects and organisations.

The SWE Workshop at OI2016 will give an overview of the present state of developments and a panel discussion. Manufacturers of instruments and platforms are invited for sharing their views on adoption of SWE standards. This should give a fruitful dialogue for finetuning SWE standards in the near future.

Organized by: EU FP7 Eurofleets2 project;  
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## VISIT THE SWE WORKSHOP