



# WCS MetOcean Profile Working group

# Goals & expected meeting outcome

- CL: Priority list of activities and challenges
- CL: time scales (when to roll out what)
- PT: aviation community should be supported
- IR: further use cases for evaluating the profile?
- MFV: volunteers!
  - Involve both practitioners and standards writers
- PT: methodology of work, geared towards community approach (workshops etc)
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# Strategy: target?

- What kind of document? (IS, BP; extension, profile, ...)
  - Agreement: go for IS as an Application Profile (AP)
  - Role model: EO-WCS (candidate IS)

# Who?

- **Met representatives**
  - Peter Trevelyan (UK MO), Marie-Francoise Voidrot (MF), Aaron Braeckel (NCAR), Eric Wise (AWFA)
  - Stephan Siemen (ECMWF, tbc), nn (EUMETSAT, tbc), Juergen Seib (DWD)
- **Aviation representatives**
  - Hubert Lepori (Eurocontrol, tbc)
  - Karen Moe, Don Sullivan (NASA, tbc)
- **Defence**
  - Emmanuel Devys, Dimitri Serafinof (IGN-F, tbc)
- **Ocean community representatives**
  - Roy Ladner (US Navy)
- **INSPIRE representatives**
  - Michael Lutz (JRC)
- **Standardization representatives**
  - Peter Baumann (WCS.SWG)
  - Ben Domenico (UCAR, NetCDF, tbc)
  - N.n. (GML, tbc)
  - N.n. (CRS.DWG, tbc)
  - John Herring (Simple Features, tbc)
- **OS Community: OSGeo?**

WMO

Met Ocean DWG

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# What?

- features:

- Ensembles (sets of coverages)
- Corridor extractions
- Data tiling
- Time handling (cf Temporal WG)

- Specification documents:

- To be established:

- MetOcean AP
- WCS bindings (REST!)
- Encodings (GRIB2!)

- Possibly influenced:

- WCS
- WCPS
- Pub/sub

# When?

- Workshop June 2013, 5 days
  - Venue options:
    - EGOWS sat event, Offenbach/DE, June 10-13
    - JacobsUni Bremen/DE
    - NWS, Washington/US
    - UK MetOffice, Exeter
    - MeteoFrance, Toulouse | IGN-F, Paris
- OGC meeting Frascati / Sep 2013:  
draft MetOcean AP document
  - To align with INSPIRE and SESAR
- FOSS4G: 2013-sep-17...21
- Framework available at one of the next few OGC TC meetings

# How?

- **Weekly telecons (UTC)**
  - Options: Tue: 16:00, 17:00; Thu: 16:00, 17:00
  - Facilitated by PB, Marc Ashworth, Marie-Francoise Voidrot
  - OGC telecon infrastructure | webex (recordings!)
- **Open discussion within OGC & with community stakeholders at large**
  - Hosted by OGC Coverages.DWG
    - Wiki & file store infrastructure
  - Joint DWG sessions at TC meetings: MetOcean.DWG, Coverages.DWG, ...
- **When sufficiently ready, submit to WCS.SWG for adoption motion**
- **OWS-X? Interoperability Experiment?**
  - JacobsU, UK MetOffice, MF?, ...
  - NB: OGC more and more requests implementations as a prerequisite to adoption
- **Funding?**
- **Outreach activities**
  - FOSS4G: hackathon, demo, ...
  - Other?

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# Action List

- MA, PB: Invite volunteers listed on “Who” (2013-mar-12)
- PB: Doodle poll on telecon slot (2013-mar-15)
- PB: Doodle poll on workshop (2013-mar-15)
  - Decide on location after volunteers are fixed (US!)
- PB: Reserve telecon slot with OGC (2013-mar-22)
- PB: Set up prototyping environment (2013-mar-26)
- All: send email to PB to get wiki write access (asap)
- PB: make Cov.DWG pages visible outside OGC (2013-mar-20)
- All: provide relevant material on Cov.DWG file store (continuously)
- PB: advertise this work at Abu Dhabi meeting
- PT: gap analysis (2013-mar-xx)



# Work Plan Until June Meeting

- Identify & document Use Cases
  - Collect pointers to favourite functionality
  - Collect issues & practically motivated use cases
- Identify & document gaps in stds
  - Encodings: GRIB2
- Prototyping environment
  - WCPS (rasdaman) / some cloud (Amazon?)