Data Portal German Marine Research

Contributions toward ODIP
Web services for cruise metadata from 13 German research vessels

- Validated metadata (incl. Tracklines) for RV Polarstern and RV Heincke are already available (visit http://expedition.awi.de)
  http://expedition.awi.de/ws/expedition?trackline
  http://expedition.awi.de/ws/expedition?format=xml&trackline

- Validation work is not yet finished for remaining vessels
Near real time data

- Weather station and thermosalinograph sensors available in 10 min intervals for RV Polarstern and RV Heincke
  - Involvement in „Dynamic Vessel Tracking & Event Systems“ project would be possible
- SensorML and SOS is currently planned
Linked Content

- Archived data
  - PANGAEA (OAI-PMH), BSH DOD, AWI Bathy
- Publications (OAI-PMH)
  - EPIC, OceanRep, HZG Pub
- Near Real Time (SOS, WFS)
  - COSYNA
- Vocabulary harmonization as work-in-progress