2017 Annual DMAC Meeting Update

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Service Registration and Metadata updates
• Centralized NANOOS WAFs, by server type (SOS vs THREDDS)
• Sensorml2iso for 52N SOS (NANOOS contributed to initial development). In-situ point assets, regional only. Updated daily.
• Stand-alone ncISO for THREDDS servers. Regional models only. Updated daily. With ncWMS and ugrid ncWMS2. Plans for expansion to other data types.

Complementary Services
• GeoServer, dynamic asset inventories
  • 52N SOS SensorML point/station assets (regional only)
  • NVS point/station assets (all assets)
• GeoServer, other geospatial layers such as a subset of the tsunami layers
• GeoServer endpoints not on IOOS Registry yet
• ERDDAP (in development)
- NANOOS 52N SOS SensorML point/station assets, regional only. Shown as WMS layer (“NANOOS Regionally Served Station Inventory from SOS”)

- NVS point/station assets, all assets. Shown as WFS layer. (“NANOOS Complete Station Inventory from NVS”)

![Image of NANOOS 52N SOS SensorML point/station assets, regional only. Shown as WMS layer. NVS point/station assets, all assets. Shown as WFS layer.](image-url)
Gliders

- 3 NANOOS transects submitted to Glider-DAC:
  - nanoos-uw (WA, UW): 6 deployments
  - corie (WA, CMOP): 16 deployments
  - mbari (N. CA, OSU-CeNCOOS): 5 deployments (Active; thanks Fred!)

- A “NANOOS” search produces all these only on Glider-DAC ERDDAP
  (https://data.ioos.us/gliders/erddap/search/index.html?searchFor=NANOOS)

- But on IOOS Catalog, “NANOOS” search on Glider-DAC organization
  produces 7 records (nanoos-uw only, incld. 1 duplicate):
  (https://data.ioos.us/dataset?q=nanoos&organization=glider-dac)

- TO-DO: Submit OR NH transect; Create Trinidad (“mbari”) NVS Glider App