Underway measurements metadata form

- Investigator:
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- Dataset Info:
  - Dataset ID: Munida time series
  - Submission Dates:
    - Initial Submission: 2010/07/27
    - Revised Submission:
- Cruise Info:
  - Experiment:
    - Experiment Name: Munida time series
  - Cruise:
    - Cruise ID: M060127, M060321 and M060730
  - Section:
  - Geographical Coverage:
    - Geographical Region:
      South West Pacific Ocean East coast of New Zealand
    - Bounds:
      - Westernmost Longitude: +170.7 Degrees, Minutes, Seconds: E
      - Easternmost Longitude: +171.5 Degrees, Minutes, Seconds: E
      - Northernmost Latitude: -45.7 Degrees, Minutes, Seconds: N
      - Southernmost Latitude: -45.9 Degrees, Minutes, Seconds: N
  - Temporal Coverage:
    - Start Date:
    - End Date:
  - Ports of Call:
    - Dunedin, New Zealand
- Vessel:
  - Vessel Name: R V Munida
  - Vessel ID:
  - Country: New Zealand
  - Vessel Owner: University of Otago
- Variables Info:
  - Variable:
    - Variable Name: XCO2 (dry, umol / mol)
    - Description of Variable: mole fraction of CO2 in equilibrated dry air (micromol per mol)
  - Method Description:
    - Equilibrator Design:
      - Equilibrator type: shower head, recirculating
      - Equilibrator volume: 1.5
      - Water_Flow_Rate: 1
      - Headspace_Gas_Flow_Rate: 0.3
      - Vented: Yes
    - Measurement Method: infra-red gas analyser
    - Manufacturer of Calibration Gas: NIWA Trace Gas Laboratory
    - C0 Sensors:
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- Manufacturer: LiCor
- Model: LI-6251
- Environmental Control: equilibrated air dried with MgClO4 before irga analysis.
- Resolution:
- Uncertainty:
- Calibration:

- Other sensors:
  - Manufacturer: Sea-Bird Electronics, Inc
  - Model: SBE21
  - Resolution:
  - Calibration:
    Tsw - SBE21, factory calibrated October 1999 and February 2006 S - SBE21, factory calibrated October 1999 and February 2006 Peq - IGNS piezoresistive sensor, factory calibrated March 1999 Teq - stainless steel encapsulated bead type thermistor, calibrated against SBE21

- Method References:
  - Additional Information:
  - Data Set References:
  - Citation:

- Data Set Link:
  - URL:
  - Label:
  - Link Note: