

The Netherlands

May 2010

National Contact: Jan H. Stel

stel@nwo.nl jh.stel@icis.uninaas.nl

Summary of operational and planned GOOS participation

Observations

Comments

Moorings	<p>LOCO –3 profiling CTD/ADCP moorings and 1 Sediment Trap mooring in the Irminger Sea since 2003 with plans to maintain to 2008 or 2010.</p> <p>http://www.nioz.nl/nioz_nl/d1c718ca5ee31e2cb8dea0a4ddadf41a.php</p> <p>LOCO Indian Ocean (Mozambique Channel) until at least 2009.</p> <p>Current, temperature and salinity measurements.</p> <p>OceanSITES http://www.oceansites.org/network/index.html</p> <p>Participant in the Meetnet Noordzee network of fixed stations in the North Sea.</p>
Waves	<p>WaMos http://www.oceanwaves.de/</p>
XBT	<p>Some XBT drops associated with VOS activities</p>
ARGO	<p>25 active May 2009.</p>
Sea Level	<p>ESEAS Participant, 18 Stations http://www.es eas.org/</p> <p>Stations Terschelling, Ijmiden and Vlissingen are GPS Positioned</p> <p>http://www.sonel.org/stations/cgps/survey/survey.cgps.html</p>
Time Series	<p>WOCE A1E bi-annually as part of CAMP (Clivarnet Atlantic Monitoring Program). Includes T, S, OXY, SIL, po4, no3 and trace metals.</p> <p>Continuation of OWS Mike</p>
TS Hydrography	<p>Latest and next Repeat Hydrographic sections (standard WOCE sampling).</p> <p>A1E/AR7E, Greenland to Ireland 2007 and 2011</p> <p>SR4, Antarctic Peninsula to Kapp Norvegia and edge of Weddell Gyre. 2008 and 2011 with Germany.</p> <p>A12, Capetown to Antarctica with Germany, 2008 and 2011.</p>
Bio/Chem	<p>North Sea International Bottom Trawl Survey participant since 1965.</p>

6976 hauls obtained through 2009. Beam Trawl Survey participant, 1987-2009, 2986 hauls obtained

http://datras.ices.dk/Data_products/Submission_Status.aspx

Carbon

AR7E (WOCE Line), 2000, 2003, 2005 and 2007. Planned, Irminger Sea- Iceland to Greenland.

http://www.clivar.org/carbon_hydro/hydro_table.php

Polar Oceans/transects to/from Antarctica with Germany 2007 onward. JetSet, 53N, 4E46 weekly, Marsdiep tidal channel.

North Sea August 2001, 2005, 2008 underway surface pCO₂.

Amsterdam – Bergen, 2005-2009, weekly.

Antarctic zero meridian, once every 2-3 years, since 1984.

<http://www.ioccp.org/>

VOS

213 ships operating 5/6/2010, 133 on GTS, potential 366 ships
48 VOSclim ships active May 2010.

<http://www.ncdc.noaa.gov/oa/climate/vosclim/vosclim.html>

Coastal

Marsdiep tidal inlet – T, S, Currents and Phytoplankton

Macrofauna on tidal flats in the Wadden Sea

Real-time Jetty observations -T and S:

http://www.nioz.nl/nioz_nl/ccba2464ba7985d1eb1906b951b1c7f6.php

Ferry Box project Den Helder/Texel Island: SST, salinity,

Fluorescence, currents (ADC). <http://www.ferrybox.org/>