

## SOOP Report for 2011

## Germany

a. Programme description:			
Line	Agency	Sampling programme and target mode (if applicable)	No. of ships
AX-3	BSH	XBT on German SOOP ships, Rickmers Daian and OOCL Montreal (high resolution) <a href="http://www.bsh.de/de/Meeresdaten/Beobachtungen/SOOP/index.jsp">http://www.bsh.de/de/Meeresdaten/Beobachtungen/SOOP/index.jsp</a>	2
AX-11	BSH	XBT on German SOOP ships, Monte Olivia (frequent repeats) <a href="http://www.bsh.de/de/Meeresdaten/Beobachtungen/SOOP/index.jsp">http://www.bsh.de/de/Meeresdaten/Beobachtungen/SOOP/index.jsp</a>	1
--	German Navy	XBT on Navy ships	2
North Sea and Baltic	BSH	Platform data (Marine Environmental Monitoring Network in the North Sea and Baltic) <a href="http://www.bsh.de/de/Meeresdaten/Beobachtungen/MARNET-Messnetz/index.jsp">http://www.bsh.de/de/Meeresdaten/Beobachtungen/MARNET-Messnetz/index.jsp</a>	10 fixed stations

b. Data management		
Agency	No. of JJVV messages on the GTS in 2010	Location of delayed-mode data
BSH	Includes 736 data from ships and 9145 data from platforms	local database and WODC Washington
BSH	51 JJVV messages are reported from Navy ships but are not inserted into the GTS because of time delay >30 days	Local database and DOD

**c. Major challenges and difficulties:**

Sampling on SOOP line AX-3 exhibited larger data gaps in the past years. Visits to the ship were infrequent and crew changes appeared too often to allow a continuity of contacts. Efforts had been underway since 2010 to secure a second ship for this line to increase data coverage. The negotiations with the OOCL shipping company could be finished in 2010 and sampling of XBT section on OOCL Montreal started in 2011.

BSH is considering to stop operations of the XBT lines due to budget cuts and shortages of personal. Operations will continue through 2012 and any decision reached will be communicated to the SOT in due time.

**d. Research / development / testing:**

The fall rate problem remain an issue with the XBT data set. A complete reprocessing of all existing XBT data sets has performed to make sure that all data sets are consistent and contain proper codes for XBT-type and recorder type . Older XBT data from the BSH program have been made available to the international effort to calculate fall rate correction coefficients.

**e. Other comments:**

