

SOOP Report for 2012

(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) http://www.bsh.de/de/Meeresdaten/Beobachtungen/SOOP/index.jsp	2
AX-11	BSH	XBT on German SOOP ships, Monte Olivia (frequent repeats) http://www.bsh.de/de/Meeresdaten/Beobachtungen/SOOP/index.jsp	1
North Sea and Baltic	BSH	Platform data (Marine Environmental Monitoring Network in the North Sea and Baltic) http://www.bsh.de/de/Meeresdaten/Beobachtungen/MARNET-Messnetz/index.jsp	10 fixed stations

b. Data management		
Agency	No. of JJVV messages on the GTS in 2012	Location of delayed-mode data
BSH	Includes 665 data from ships and 5138 data from platforms	local database and WODC Washington

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. This has continued successfully through 2012. .

BSH had announced a potential stop of operations of the XBT lines in 2011 due to budget cuts and shortages of personal. Operations have continued through 2012 and the decision to stop operations has been communicated to the SOT in 2012. The measurement equipment has been removed from the ships in early 2013.

d. Research / development / testing:

The fall rate problem remains 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. In the reprocessing process original time measurements have been included in the data files again and users can now make their own corrections to the fall rate. Older XBT data from the BSH program have been made available to the international data base to calculate fall rate correction coefficients.

e. Other comments: