

## SOOP Report for 2011

## Japan

<b>a. Programme description:</b>			
<b>Line</b>	<b>Agency</b>	<b>Sampling programme and target mode (if applicable)</b>	<b>No. of ships</b>
PX40	Tohoku Univ.	HDX (nominal 30nmiles spacing drops, 3 transects/year)	1
PX45	JMA	LDX (nominal 60nmiles spacing CTD, 4 transects/year)	2
PX46	JMA	LDX (nominal 60nmiles spacing CTD, 2 transects/year)	2

<b>b. Data management</b>		
<b>Agency</b>	<b>No. of JJVV messages on the GTS in 2011</b>	<b>Location of delayed-mode data</b>
Tohoku Univ.	212 (including KKYY messages)	<i>JODC</i>
JMA	215 (including KKYY messages)	<i>JODC</i>

**c. Major challenges and difficulties:****d. Research / development / testing:****e. Other comments:**

In addition to the above programs, research vessels and fisheries training vessels of Japanese domestic institutes etc. carry out XBT/XCTD/CTD observations in the western Pacific and other seas and transmit the data into GTS by BATHY/TESAC messages. A total of 49 ships reported 8,805 messages in 2011, including the messages along the SOOP lines.