

SOOP Report for 2009

(Japan)

a. Programme description:			
Line	Agency	Sampling programme and target mode (if applicable)	No. of ships
IX09N	JAMSTEC	FRX (nominal 4 drops/day, 12 transects/year)	1
IX10	JAMSTEC	FRX (nominal 4 drops/day, 12 transects/year)	1
PX40	Tohoku Univ./ JAMSTEC	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. Data management		
Agency	No. of JJVV messages on the GTS in 2009	Location of delayed-mode data
JAMSTEC	182	<i>JODC#, WOCE UOT DAC at IFREMER</i>
Tohoku Univ./JAMSTEC	237	<i>JODC</i>
JMA	213*	<i>JODC</i>

Japan Oceanographic Data Center

* The number includes that of CTD sampling (KKYY messages).

c. Major challenges and difficulties:

The observations along IX09N and IX10 have been stopped since April 2009 due to JAMSTEC's budgetary and technical issues. The PX04 has been operated only by Tohoku University since April 2009.

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 the GTS by BATHY/TESAC messages. A total of 59 ships reported 9,879 messages in 2009, including the messages along the SOOP lines.