## **Action Items from SOT-IV for VOSP Members**

Item	Action	Responsible	Deadline	Status
II-4.5	To include VOS ships providing good quality data in the VOSClim provided that appropriate metadata are made available	VOS Operators	Ongoing	Ongoing
1-4.4.2	To check the VOSClim project website (recently updated) to verify ships and call sign changes to make sure that none are missing	VOSClim operators	Ongoing	Ongoing
IV-1.1.12	To work with WMO in order to identify active ships and remove the historical records from WMO Pub. 47 for ships which are not active anymore	•	Mid 2008	Done
IV-2.1.1.6	To fill in the VOS automation fields in their submissions of WMO Publication 47 metadata as of 1 July 2007 as the new format that will come into force by then will permit the inclusion of such information	VOSP Members	01-Jul-07	Ongoing

IV-2.1.1.7	To increasingly implement automated systems on the fleet while at the same time recognizing the requirements expressed by the ETMC that traditional variables that can only be observed manually should continue to be submitted	VOSP Members	Ongoing	Ongoing
IV-2.1.1.8	To review and correct the data in the document presented by the Chairperson and to provide the Chairperson with details of any automated VOS systems that are not included in this report		SOT-V	Ongoing
IV-2.2.4	Interested Members to contact Pierre Blouch to obtain copies of the half compressed data transmission software	VOSP Members	Ongoing	Only Météo-France is using the software but they have very few conventional vessels as almost 100% of the French fleet is automated.
IV-2.4.1.6	To make use of the available tools to monitor the quality of the VOS data and to provide feedback to ships on how to improve bad data, and to use the monthly VOS status maps to identify data sparse areas where more ship observations are required	VOS Programme Managers; PMOs	Ongoing	Ongoing

IV-2.4.1.6	To advise the RTMC (email to obsmon@metoffice.gov.uk) of investigations undertaken into the causes of bad data identified on the VOSClim Suspect List and to report on the corrective actions taken	VOS Programme Managers	Ongoing	Ongoing
IV-2.4.1.6	To provide a summary of corrective actions by email to the VOSClim RTMC	PMOs; VOS Focal Points	Ongoing	To be reported at SOT-V - ongoing
IV-3.2.6	To provide details of remedial actions taken to the DAC by email	PMOs	Ongoing	To be reported at SOT-V- ongoing
IV-3.7.1	To make efforts to increase the number of observations and the number of VOS ships recording the additional parameters	VOSP Members	Ongoing	Ongoing
IV-3.7.1	To directly submit metadata to the RSMC, Exeter on a monthly basis in addition to the quarterly submissions to WMO	VOSP Members	Ongoing	E-SURFMAR (50% of the VOS fleet) ready for submitting metadata for European VOS or providing access rights to RSMC for the E-SURFMAR metadata database.
IV-4.3.4	To routinely check the multiple recruited ship list available from the URL http://www.meteo.shom.fr/vosmonitoring/multi-recruit.html and to attempt to reach an agreement to determine which country should be assigned future responsibility for the indicated ships on the 'multiple recruitment' list	VOSP Members	Ongoing	Tool out of date. Meteo France may rewrite to
	100 difficile not			query E-SURFMAR database

IV-4.4.8	To consider providing mercury spillage kits on ships where mercury remains in use in order to mitigate risks associated to health and safety for the ships, the observing officers and ship's staff, and for the PMOs	VOSP Members	Ongoing	Ongoing
IV-4.5.4	To advise the extent of data rejections in the countries hosting Inmarsat LES in order that a clearer assessment of the extent of the problem can be determined, and to report to the VOSP Chairperson	VOSP Members	SOT-V	Ongoing
IV-4.5.5	To make use of the JCOMMOPS quality information relay web page or mailing lists to inform the VOS operators about persistent e-logbook problems and to set up the data processing software routines to automatically relay rejected messages back to the VOS recruiting country focal points	VOSP Members	Ongoing	Ongoing
IV-4.5.6	To implement appropriate quality control checks in e-logbooks	VOSP Members	SOT-V	Ongoing

IV-5.1.3	To provide comments on the Guide to making climate quality meteorological and flux measurements at sea to Shawn Smith	VOSP Members	End 2007	Done
IV-5.1.4	To consider making more SST observations in support of GHRSST while recording appropriate metadata including measurement type and the depth of the instrument	VOS Operators	Ongoing	Ongoing
IV-5.2.2	To liaise with the WMO Secretariat regarding updating the MSC circular 1017 to include ship owners and masters concerns regarding VOS data exchange.	VOSP Chairperson; WMO	MSC-83	Done
IV-4.4.7	To aim at phasing out the future supply of mercury thermometers to observing ships	VOS operators	Ongoing	Ongoing