

WORLD METEOROLOGICAL ORGANIZATION

INTERGOVERNMENTAL OCEANOGRAPHIC  
COMMISSION (OF UNESCO)

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JOINT WMO/IOC TECHNICAL COMMISSION FOR  
OCEANOGRAPHY AND MARINE METEOROLOGY (JCOMM)  
SHIP OBSERVATIONS TEAM

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FOURTH SESSION

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ITEM V-5.1

GENEVA, SWITZERLAND, 16 TO 21 APRIL 2007

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## **SOOPIP-VII**

### **FUTURE WORK PROGRAMME AND IMPLEMENTATION ISSUES**

#### **Partnerships and the Integration of other Programmes with the SOOP**

*(Submitted by Steve Cook, Chairperson of the JCOMM Ship Of Opportunity Programme  
Implementation Panel (SOOPIP))*

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#### **Summary and purpose of document**

This document describes some of the partnership programs that have been integrated with Ships-of-Opportunity Programme Implementation Panel (SOOPIP) in past years.

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#### **ACTION PROPOSED**

The SOOP Implementation Panel is invited to:

- (a) Review the information contained in this report and comment, as appropriate;
  - (b) Discuss current or new programs and future requirements for the JCOMMOPS in support of the SOOPIP.
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## DISCUSSION

### Introduction

1. Partnership programs in the past have ranged from relatively simple like the deployment of Drifting Buoys to the more complex like the collection of sea surface partial CO<sub>2</sub> measurements.

Examples of past cooperative programs are as follows:

- Collection of sea surface meteorological observations;
- Deployment of Drifting Buoys;
- Deployment of ARGO Floats;
- Collection of Thermosalinograph (TSG) data;
- Collection of Continuous Plankton Recorder (CPR) data;
- Collection of atmospheric CO<sub>2</sub> data;
- Collection of sea surface partial CO<sub>2</sub> data;
- Collection of automated climate quality meteorological observations (Autowet); and
- Deployment of specialized expendable probes such as XCTD's.

The collection of so many different data sets and the specialized programs they support make it almost impossible for any one vessel to do all. Improved communications between the SOOPI, VOS and ASAP Programs are critical to the successful execution of all these programs. One also must be very careful not to interfere with other programs, which may already be established on a particular vessel. Also, one has to be careful of not overloading the ship with too many different programs. Extra time for sea going personnel is now a luxury and should not be tested with so many different scientific requirements.

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