



Agenda Item:	ATCM 10
Presented by:	IAATO
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SAR-WG: IAATO Information Submitted Annually to MRCC's with Antarctic Responsibilities

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1.0 Introduction

As reported in ATCM XXXVI WP17, *Update on actions resulting from the two COMNAP SAR workshops, "Towards Improved Search and Rescue Coordination and Response in the Antarctic"*. following COMNAP's first Search and Rescue (SAR) workshop held in Valparaiso/Viña del Mar, Chile) in August, 2008, IAATO started sharing information with Marine Rescue Coordination Centres (MRCC) with Antarctic responsibilities, Automated Mutual-Assistance Vessel Rescue System (AMVER) and COMNAP.

2.0 Pre-Season Information

Prior to the start of the season, the relevant MRCCs, AMVER and COMNAP receive from IAATO the following information on a commercial-in-confidence basis:

Vessel Tracking System Access – this is a web-based graphic and database that displays the position of all IAATO SOLAS Passenger Vessels on an hourly basis. The vessel tracker includes information on the vessel's position, course, speed, IMO number and flag of registry. Access to the vessel tracking system is via a single generic login, with the password changed annually. In the event of incidents, the tracker can be increased remotely to give position reports every 15 minutes. Additionally the site stores historic position data.

Vessel Database Access – This is a database of all IAATO vessels including yachts and incorporates a myriad of information from the vessels, from information on the fuel, waste management facilities, medical facilities, helicopter facilities, etc. The full list of information can be found in the Appendix to this document.

Pre-season schedule of visits – This is the broad pre-season voyage plan for all the vessel operators according to their pre-season planning. Final voyage plans / itineraries inevitably will be affected by other factors such as weather and ice conditions.

Contact details and a named in-field contact – Full phone, fax, email and MMSI details for each IAATO Member-operated vessel are provided, in addition to contact numbers for deep-field operations. Additionally a named contact is given for each departure to ease communications if needed.

3.0 During Season

During the season, MRCCs are informed of any changes to contact information and, where practicable, significant itinerary amendments, such as the cancelling of voyages or scheduling of new voyages. Day-to-day itinerary amendments are not notified, as the actual location of vessels is available via the vessel tracker.

4.0 Request for feedback

IAATO welcomes any feedback from MRCCs or Parties on the information provided.

Appendix:**Information held on IAATO vessels within the IAATO vessel database****General Information**

Vessel Name
 Vessel Operator
 Vessel Operator Contact Person
 Vessel Operator Address
 Vessel Operator Telephone
 Vessel Operator Mobile Telephone
 Vessel Operator Fax Number
 Vessel Operator Email Address
 Vessel Operator Web Address
 Tour Operator
 Tour Operator Contact Person
 Tour Operator Address
 Tour Operator Telephone
 Tour Operator Mobile Telephone
 Tour Operator Fax Number
 Tour Operator Email Address
 Tour Operator Web Address

Engine/Fuel Information

Main Engine
 Auxiliary Engine
 Boiler
 Gas Oil (GO) Capacity - Normal Cruising (m. ton)
 Marine Diesel Oil (MDO) Capacity - Normal Cruising
 Fuel Storage Tanks (Type & Location)
 Lubricating Oil (LO) Capacity - Normal Cruising
 LO Storage Tanks (Type & Location)
 Fuel Consumption per 24 hours - Normal Cruising
 Fuel Consumption per 24 hours - Max (m. ton)
 Fuel Consumption per 24 hours - Penetrating Ice (m. ton)

Garbage/Incineration

Waste Management Plan [*Footnote #1*]
 Incinerator Capacity
 Incinerator Frequency of Use
 Incinerator Burning Temperatures
 Incinerator Used in Antarctica

Air Pollution

IAPP Certificate (*Footnote #5*)

Grey Water

Grey Water Capacity (cbm)
 Grey Water Capacity (days)
 Untreated GW Discharged Directly Overboard (cbm/hours)

Blackwater (Sewage)

Black Water Management Plan (*Footnote #2*)
 Certified Blackwater Treatment Plant
 Blackwater Capacity (cbm)
 Black Water Capacity (hours)

Vessel - General Information

Port/Country of Registry
 IMO Number
 Call Sign
 Year Built
 Year(s) Rebuilt
 Class Notation
 Ice Class
 Telephone Number
 Fax Number
 Email Address
 GMDSS Area
 AIS
 VDR
 Length Overall (m)
 Length pp (m)
 Draft Max (m)
 Passenger Capacity
 Crew Capacity
 PSSC Total # of Persons
 Gross Tonnage
 Net Tonnage
 Deadweight, Normal Operation (m. ton)
 Speed - Max
 Speed - Normal Cruising
 Helicopter Deck
 Lifeboats (Type, Open/Covered/Capacity)

Oily Water Discharge/Waste Oil

Certified Oily Water Separator (OWS)
 Certified OWS with 15ppm Alarm & Automatic Shut-Off.
 Sludge Oil Holding Capacity (cbm)
 Sludge Oil Holding Capacity (days)
 Bilge Water Holding Capacity (cbm)
 Bilge Water Holding Capacity (days)
 IOPP Certificate
 Approved SOPEP
 Oil Record Book

Anti-Fouling System

Anti-fouling Certificate (*Footnote #4*)

Fresh Water (FW)

FW Capacity (cbm)
 FW Production (cbm/24 hours)
 FW Consumption (cbm/24 hours)

Ballast

Ballast Water Management Plan (*Footnote #3*)
 Ballast Capacity (m. ton)
 Ballast Amount - Normal Operation (m. ton)

Miscellaneous

Damage Control Equipment
 Oil Spill Containment Equipment
 Oil Spill Response Company
 Under Water Welding Facilities
 Divers & Equipment for Polar Waters
 Number of Zodiacs/Landing Craft
 Emergency Medical Evacuation Response
 P&I Insurance (Amount in USD)
 Pollution Liability Insurance (Amount in USD)
 Search & Rescue (SAR) Insurance (Amount in USD)
 Operate in the Arctic
 Member of IAATO
 Member of AECO
 Number of Doctors onboard
 Number of Nurses or other medical staff onboard
 X-ray equipment
 Number of hospital beds
 Morgue facilities

Echo Sounder and Sonar

Echo Sounder 1, 2, 3, etc.
 Echo Sounder Type
 Echo Sounder Transmission Power and Frequency
 Sonar
 Sonar Type
 Sonar transmission power and frequency
 Hydrographic Work

Remarks

Additional information
 Image of vessel

Footnotes:

#1 - Water Management Plan in compliance with MARPOL 73/78, annex V.

#2 - Black Water Management Plan in compliance with MARPOL 73/78, annex IV and the 2004 (April) amendments entered in force 1 August 2005.

#3 - Ballast Water Management plan in compliance with International Convention for the Control and Management of Ships Ballast Water and Sediments, adopted 2004

#4 - Anti-fouling certificate in compliance with International Convention on the Control of Harmful Anti-fouling System, TBT, on Ships

#5 - International Air Pollution Prevention Certified in compliance with MARPOL, annex VI, entered into force 19 May 2005

IMO Regulations, Conventions, Circulars and Guidelines: <http://www.imo.org/home.asp>