

## ASAP Report for 2012

(South Africa)

## a. Catalogue of ASAP vessels in 2012 (see Appendix 3):

**b. Major challenges and difficulties:**

As always, this is a very expensive (helium) operation to run. That is why we have decided to cut it down to only midnight ascents, so that we at least get some data from a data sparse area.

Since we now have 2 ships doing upper air and with the old SA Agulhas doing more and more unscheduled voyages, it would be appreciated if we could get some assistance somewhere to maintain the upper air program on both these vessels.

**b. Other comments:**

The South African Weather Service is planning on starting ozone monitoring on the SA Agulhas II.



Appendix 3. Catalogue of ships participating in ASAP in 2012.

(South Africa)

2 ASAP units operated during the year on 2 ships

Type of ship (1)	Ship name	Callsign	Comms method (2)	Windfind method / sonde type (3)	Launch method (4)	Launch height (5)	Area of operation (6)	ASAP unit ID No.
Research	SA Agulhas	ZSAF	SAT-C	GPS/Vaisala RS92-SGP	Other – met office onboard the ship	15m	Variable – South Atlantic, South Indian and Southern Ocean	n/a
Research	SA AgulhasII	ZSNO	V-Sat	iMet-2AA	Other – met office onboard the ship	20m	Variable – South Atlantic, South Indian and Southern Ocean	n/a

(1) **Type of ship:** Merchant, research, supply  
 (2) **Comms method:** Inmarsat C or others  
 (3) **Windfind method / sonde type:** eg. GPS/Vaisala RS80-G, Loran/Vaisala RS80-L, VIZ GPS Mark II Microsonde, etc  
 (4) **Launch method:** deck launcher (portable), deck launcher (fixed), container (manual), container (semi automatic), other  
 (5) **Launch height:** height above sea level from where the sonde is released  
 (6) **Ocean area:** North Pacific, North Atlantic, Indian Ocean, variable