

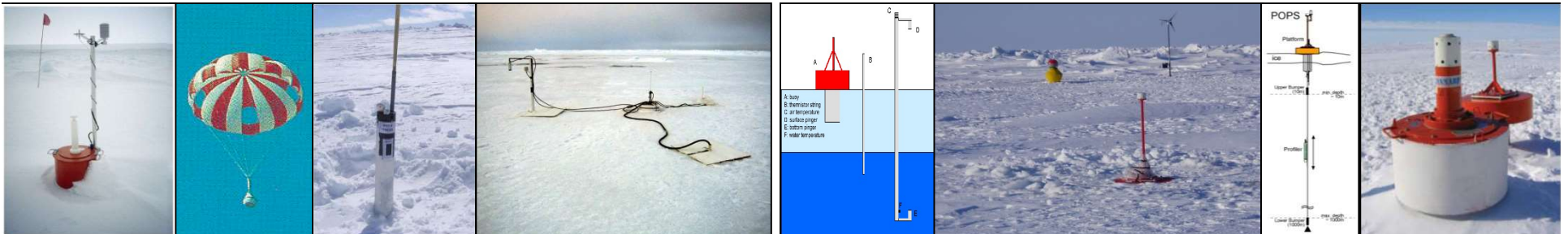


The International Programme for Antarctic Buoy



Report for DBCP-32 La Jolla, CA October 17-21, 2016

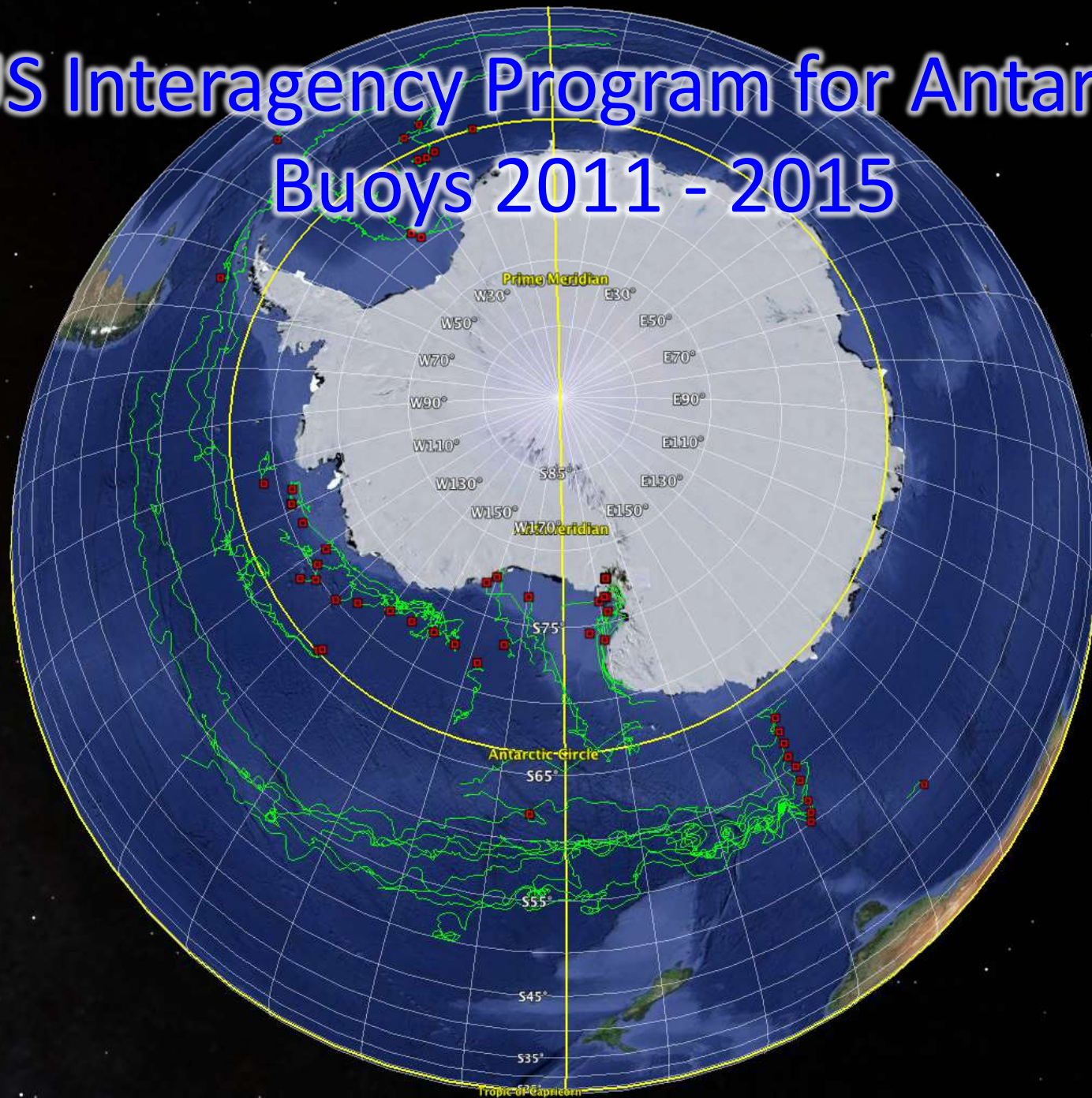
Christian Haas, York University
haasc@yorku.ca



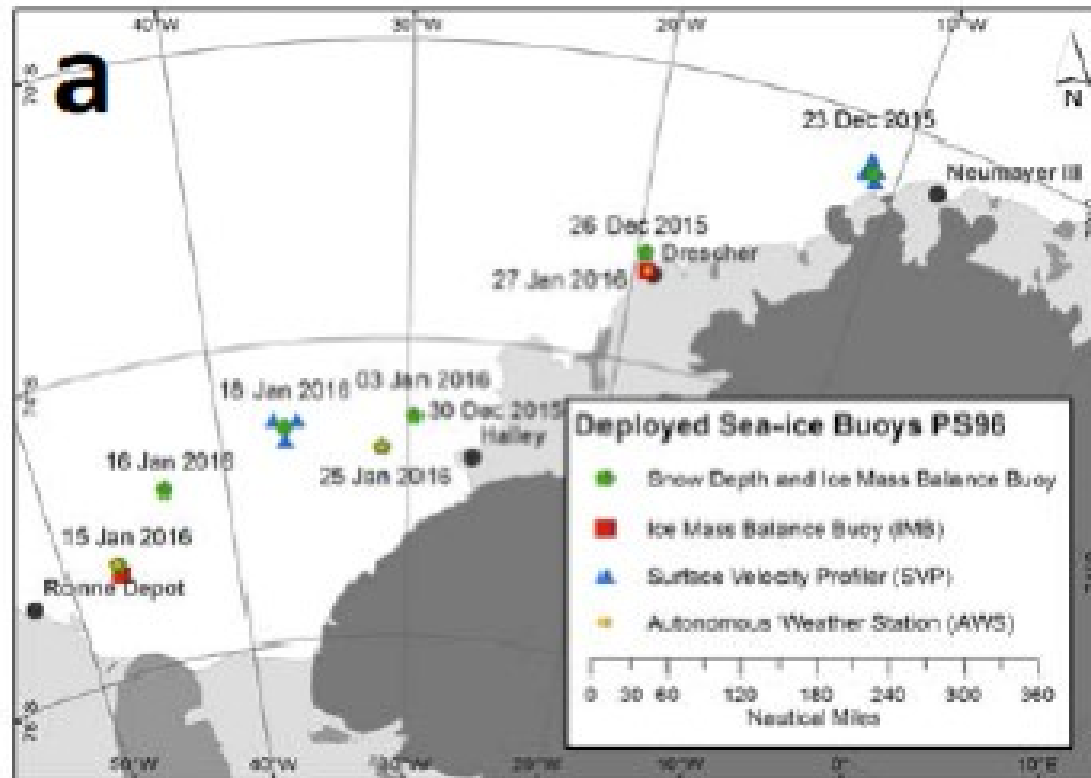
IPAB Executive Committee

- Chair: Petra Heil, Australia
- Vice-Chairman: Pablo Clemente-Colon, USA
- Member: Marcel Nicolaus, Germany
- Member: Cathleen Geiger, USA
- Member: Johan Stander, South Africa
- Coordinator: Christian Haas, Canada
- Co-coordinator: Ignatius Rigor, USA

US Interagency Program for Antarctic Buoys 2011 - 2015

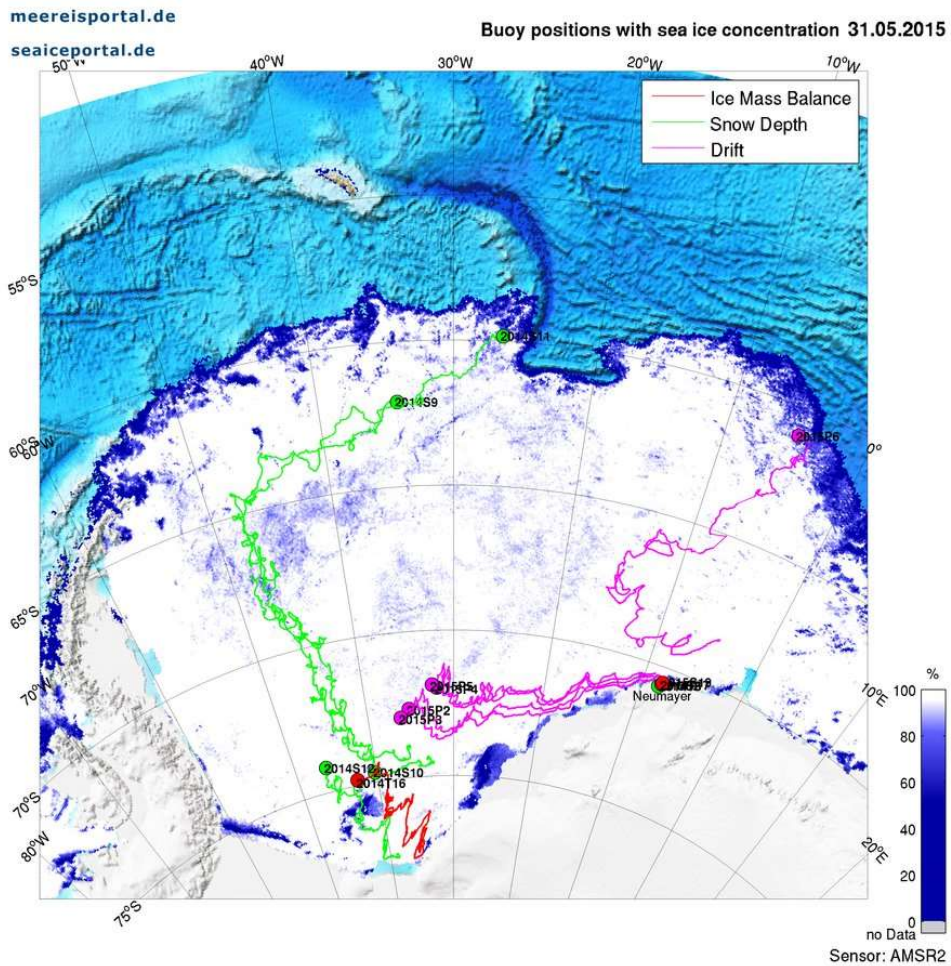


IPAB Deployments January 2016

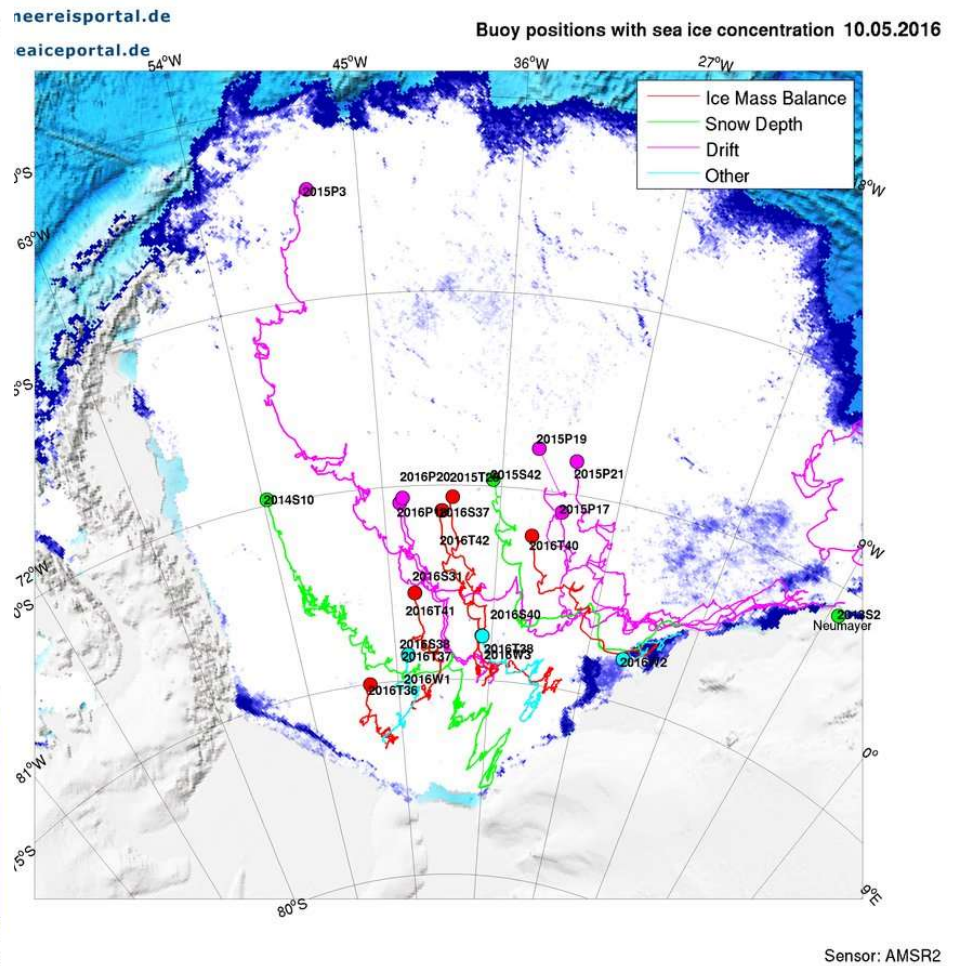


- 6 buoys were deployed during Alfred Wegener Institute (AWI) Polarstern cruise PS89/02 in the Weddell Sea, including SVP, IMB, and snow buoys contributed by AWI.
- The Meteorological Services of South Africa, Australia, and New Zealand continue to operationally deploy numerous SVP's in the Southern Ocean, primarily north of the sea ice edge.

Active deployments in the Antarctic



31.05.2015



10.05.2016

WMO/IOC GTS Map – October 19, 2016

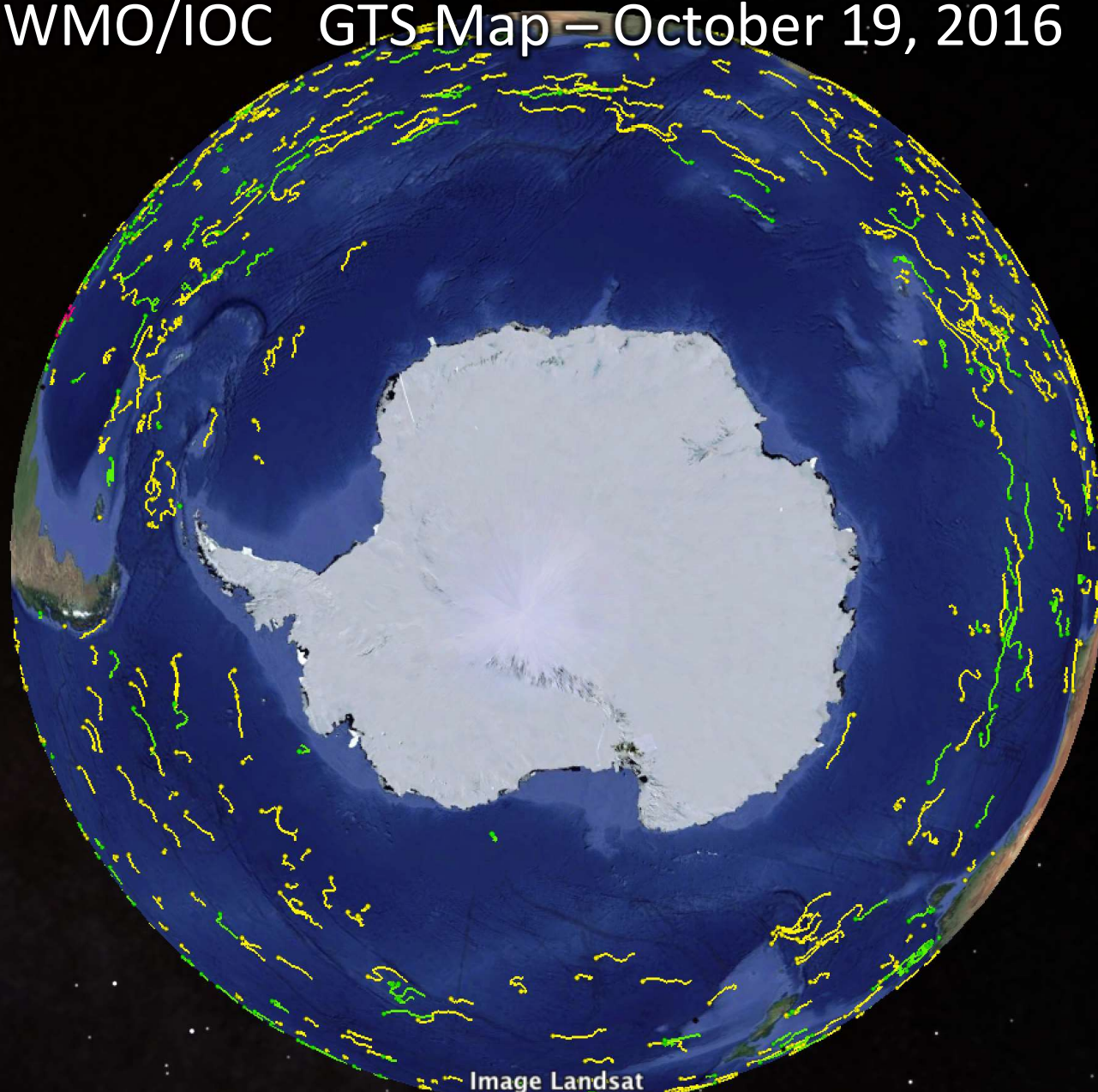
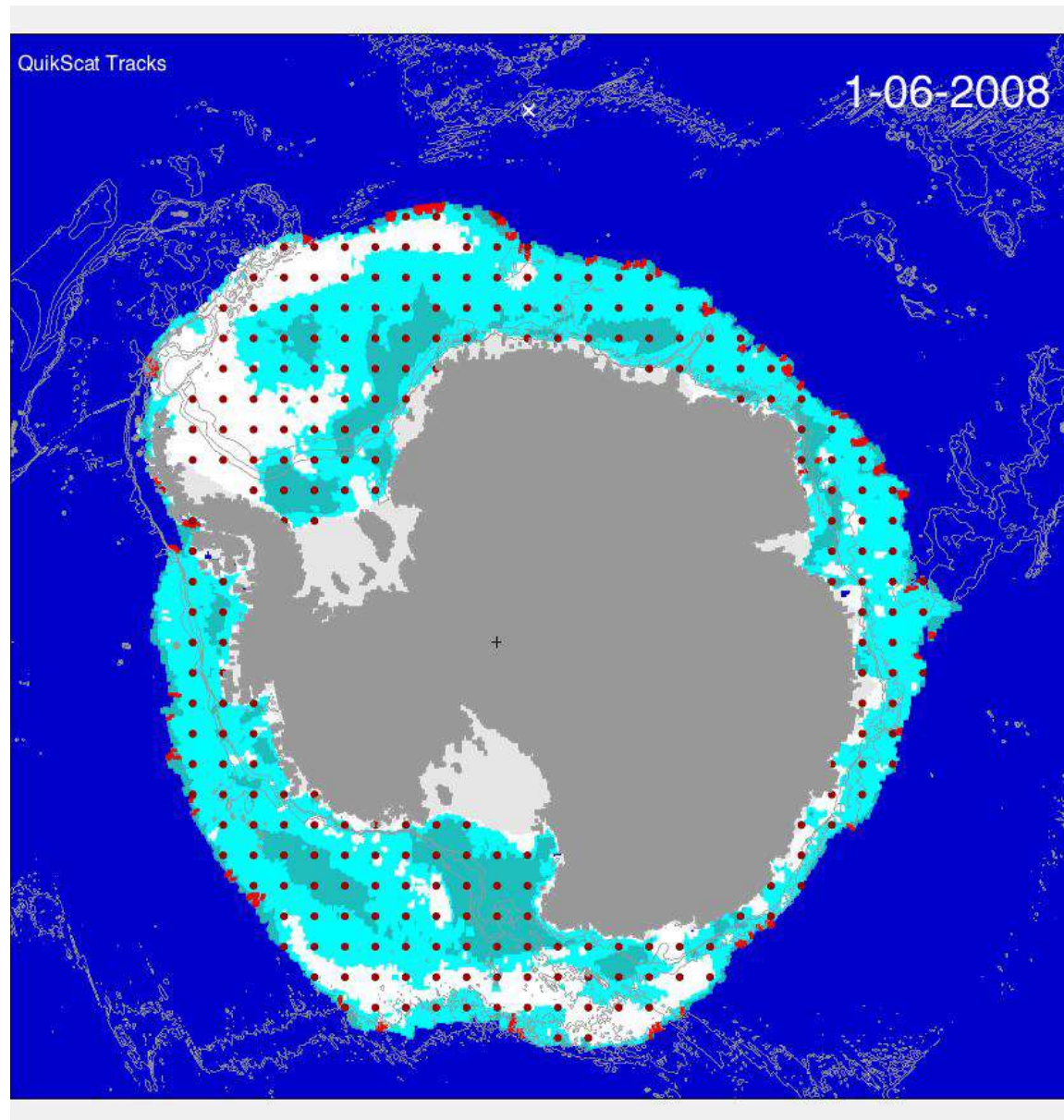


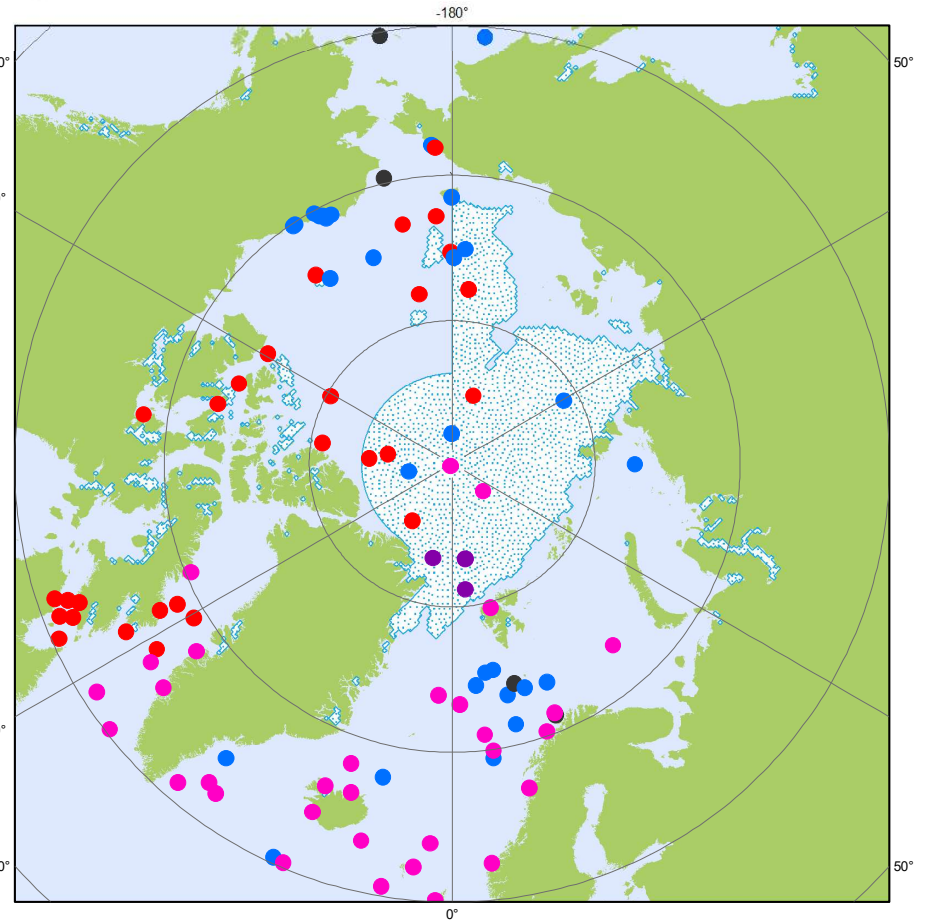
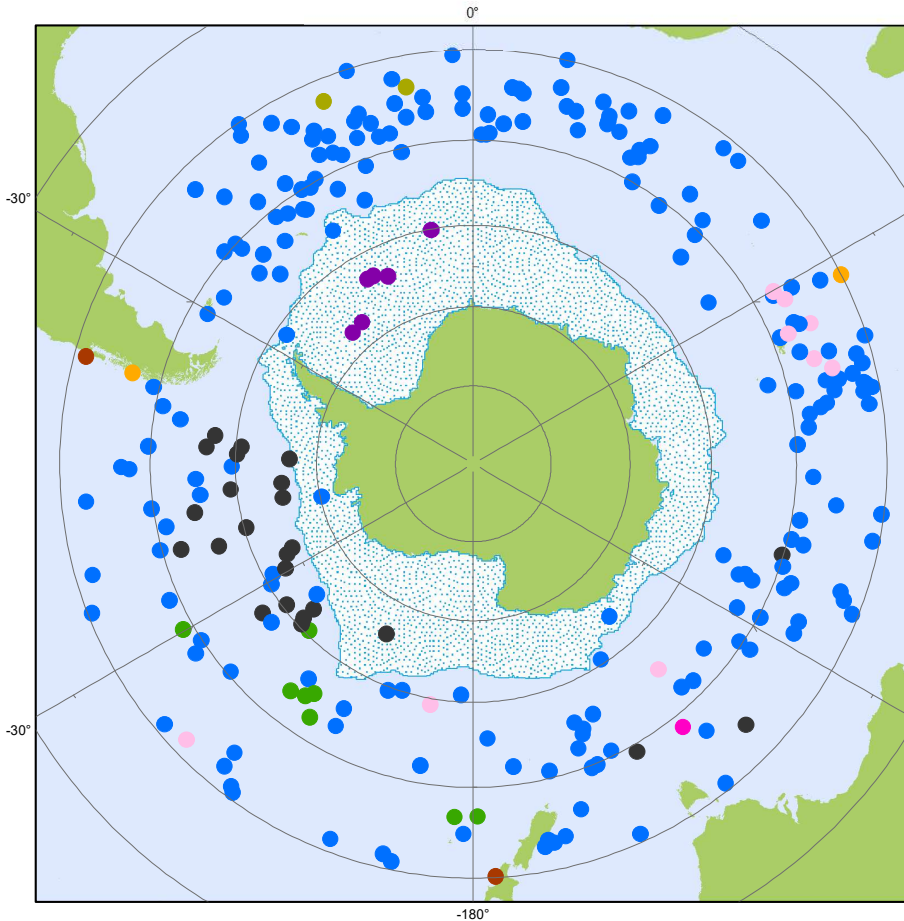
Image Landsat
Data SIO, NOAA, U.S. Navy, NGA, GEBCO
Image U.S. Geological Survey
Image PGC/NASA

Google

Satellite Retrievals of Ice Motion



WMO/IOC GTS Map – October, 2016



Data Buoy Cooperation Panel

Polar Drifting Buoys

September 2016

Drifting buoys providing data to the GTS during the month. GTS data as received by Meteo France

Drifting Buoys-Antarctic

- AUSTRALIA (9)
- EUROPE (1)
- FRANCE (2)

GERMANY (6)

- ITALY (8)
- NEW ZEALAND (2)

UK (2)

- USA (201)
- UNKNOWN (24)

Drifting Buoys-Arctic

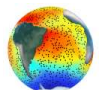
- CANADA (28)

EUROPE (31)

- GERMANY (4)

USA (31)

- UNKNOWN (4)



Summary

Meetings:

- IPAB Participants reported during the annual meeting of the International Arctic Buoy Programme IABP at KOPRI in May 2016.
- IPAB Participants were considering meeting in New Zealand during the International Glaciology Society meeting in February 2017.

Array Status: Dire.

Deployment Plans:

- German icebreaker cruise to the Weddell Sea in Dec 2016/Jan 2017.
- NOAA GDP is coordinating deployment of SVPs by the US CGC Polar Star in Dec 2016/ Jan 2017.
- Plan to collaborate with KOPRI and deploy buoys from R/V Araon.