

Status Report

Regional Data Assembly and Coordination Centre - Southern Ocean (RDACC-SO)

***XXXV GGC, joint SCRUM, TSCOM meetings and
the GEBCO SYMPOSIUM***

*Canberra, Australia
12 - 16 November 2018*

Background



International Bathymetric Chart of
the Southern Ocean (IBCSO)

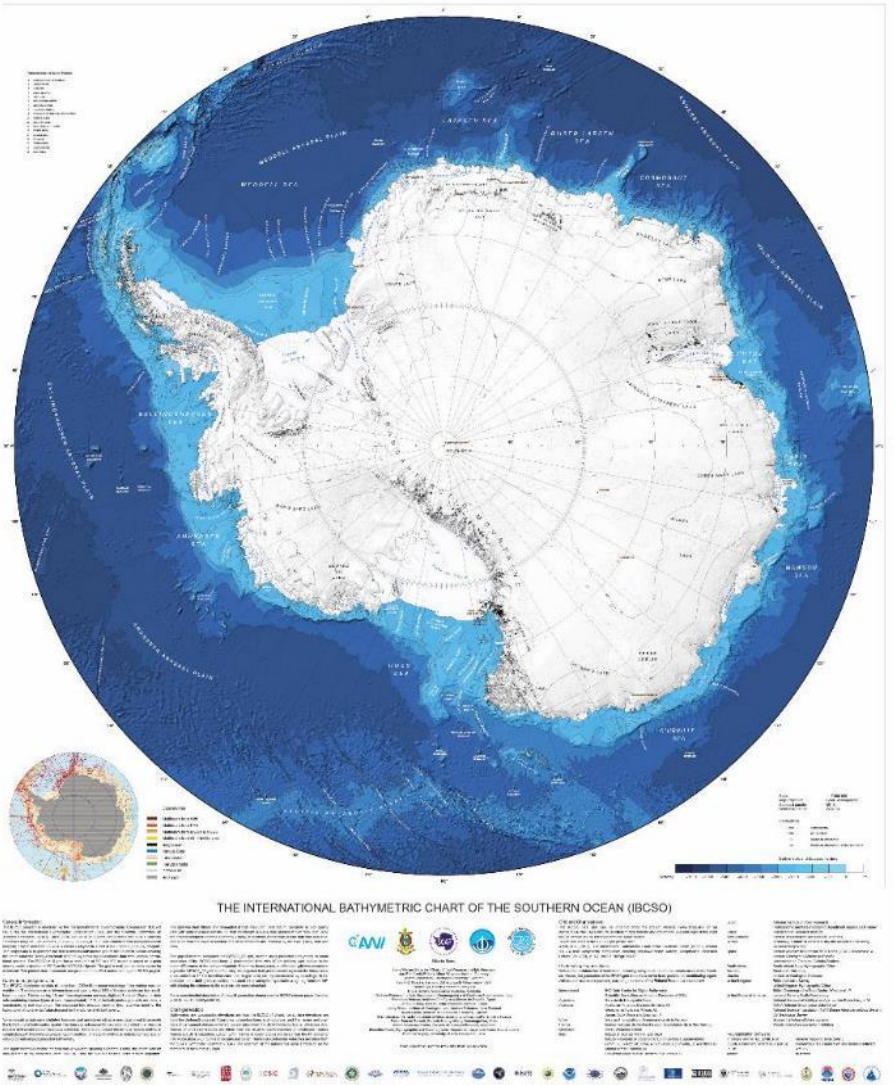
GEBCO SCRUM Project

Areas south of 60° South (ATCM Area)

IBCSO V1 (Arndt et al., 2013)

Paper chart

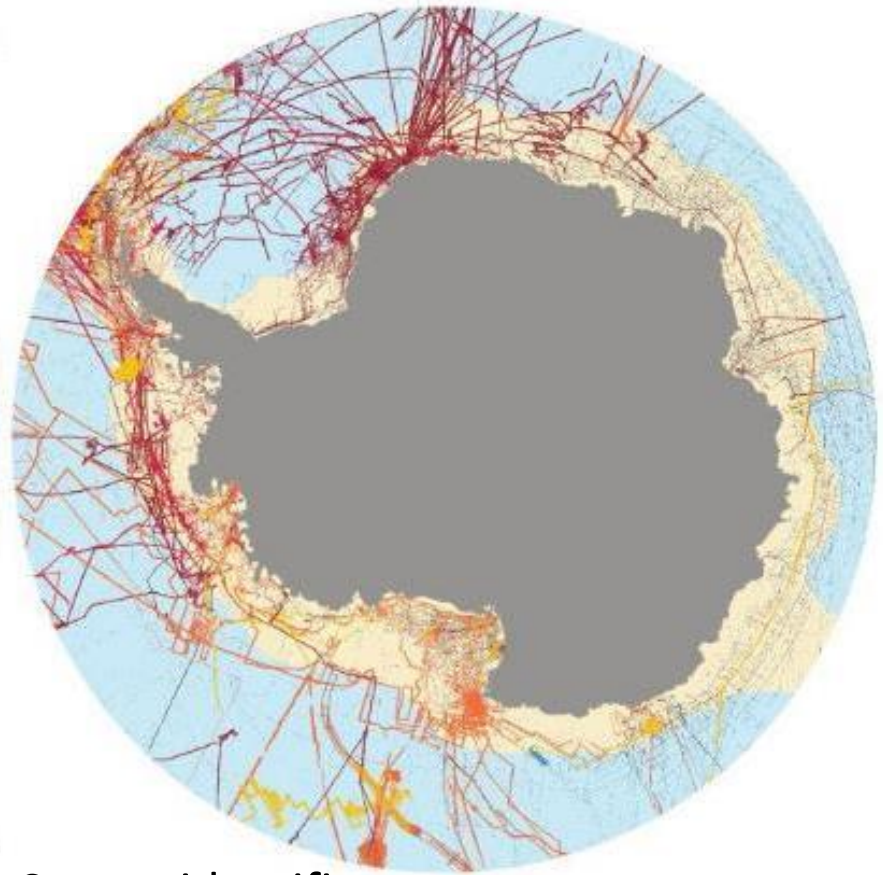
3D Lenticular map



Background

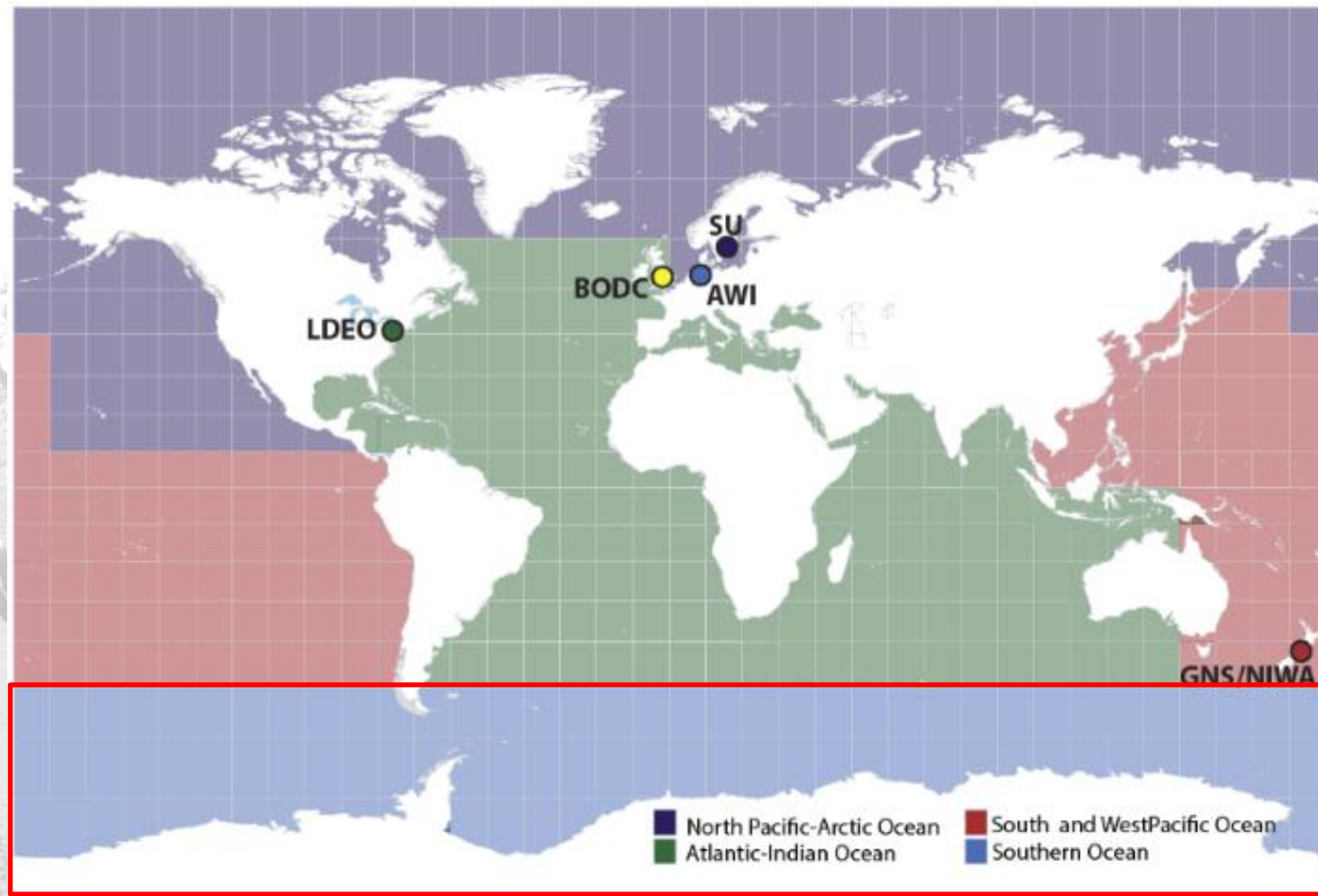


Map/Grid



Source identifier

RDACC-SO

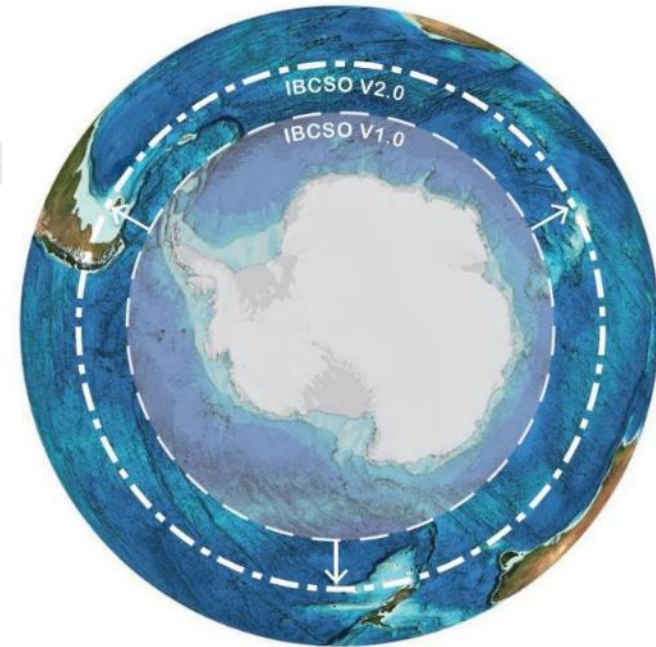


Status



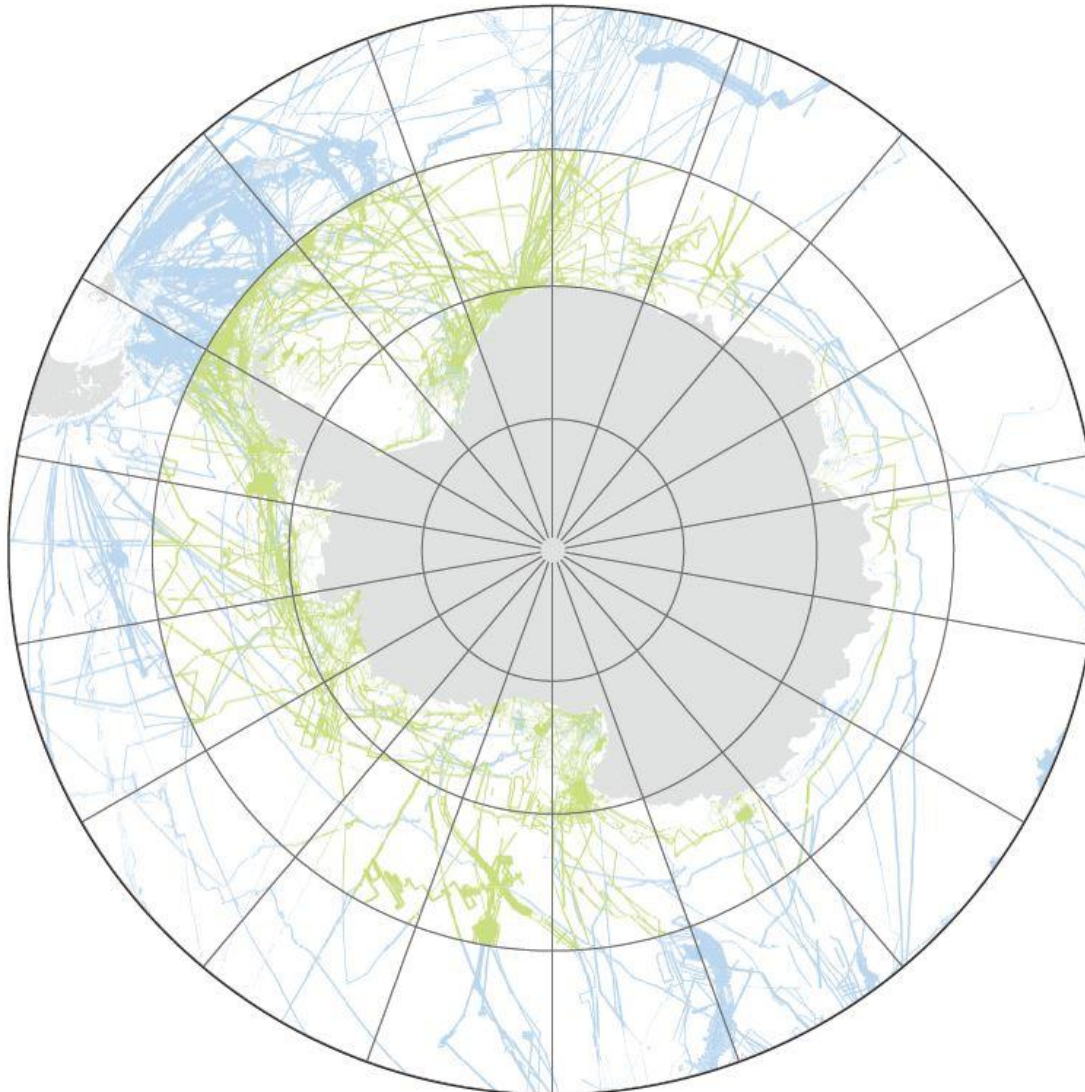
Seabed 2030 RDACC-SO:

- Area south of 50°S
2.5 seafloor times the area of IBCSO V1.0!
- Raster resolution of 500 m
- Grid provided by RDACC Southern Ocean to GDACC for annual updates of GEBCO grid
- IBCSO V2 grid published in an international, peer-reviewed journal



Background: GEBCO_14
(Weatherall et al., 2015)

Status



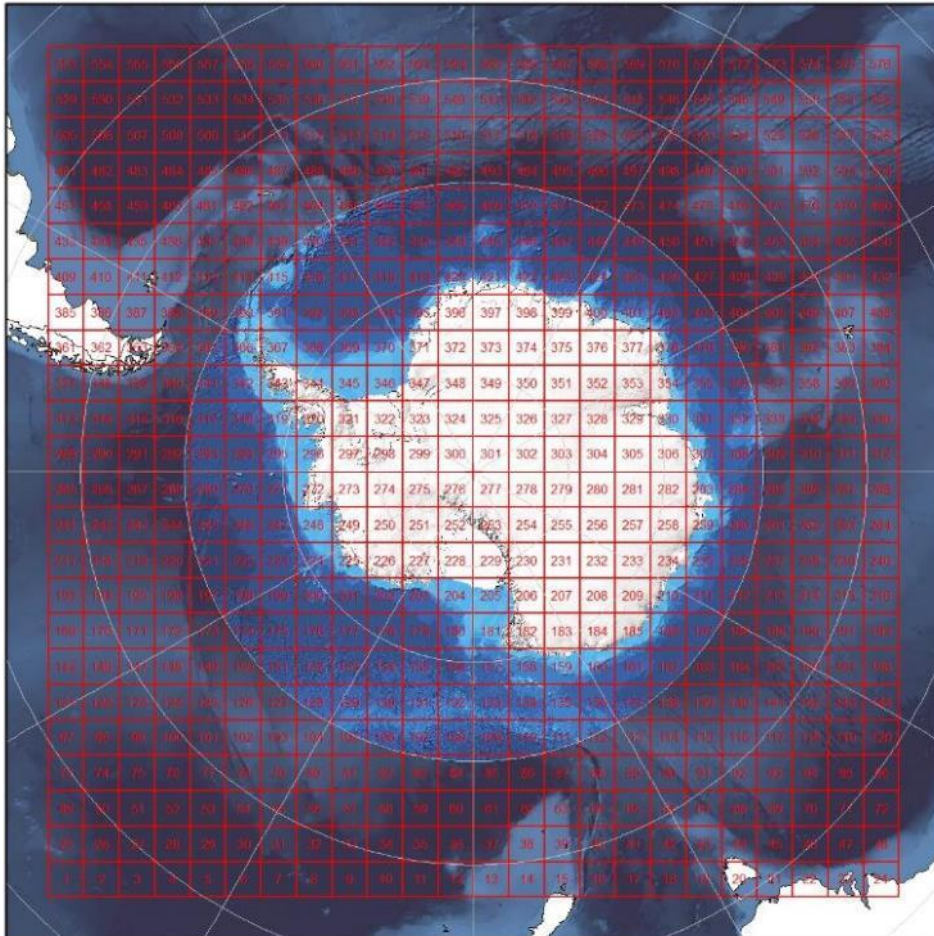
MB Coverages

Green = IBCSO V1

Blue = Additional multibeam
coverages

Compilation date: early 2017

Status grid RDACC-SO For GEBCO 2018



- Homogenization ✓
- Data base in regional tiles ✓
- Test-grid for GEBCO ✓
- Grid for GEBCO 2018

Status RMC-SO

First Name	Name	Institute	Country	Status
Walter	Reynoso-Peralta	Servicia Hydrographica Naval	Argentina	
Jonathan	Kool	Geoscience Australia	Australia	
Jodie	Smith	Geoscience Australia	Australia	
Felipe	Barrios	SHOA	Chile	
Tao	Zhang	Second Institute of Oceanography, SOA	China	
Jinyao	Gao	Second Institute of Oceanography, SOA	China	
?			France	
Boris	Dorschel (Co-Chair)	AWI	Germany	
Jan Erik	Arndt (Co-Chair)	AWI	Germany	
Michele	Rebesco	OGS	Italy	
Yoshifumi	Nogi	NIPR	Japan	
Jongkuk	Hong	KOPRI	Korea	
Jenny	Black	GNS	New Zealand	
TBA		NIWA	New Zealand	
Harald/Andreas	Brekke/Bjørnstad		Norway	
Hugo	Montoro		Peru	
German	Leitchenkov	The All-Russia Scientific Research Institute for Ge	Russia	
Fernando	Bohoyo	IGME	Spain	
Miquel	Canals	Uni Barcelona	Spain	
Martin	Jakobsson	University of Stockholm	Sweden	
Alex	Tate	British Antarctic Survey	UK	
?		UK-HO	UK	
Frank O.	Nitsche	LDEO	USA	
.
.
.

Status RMC-SO



Thank you for your attention