

ACRONYMS AND OTHER ABBREVIATIONS

AARI	Arctic and Antarctic Research Institute
ACIA	Arctic Climate Impact Assessment
ACSYS	Arctic Climate System Study
AIRSS	Arctic Sea Ice Regime Shipping System
AIS	Automatic Information Systems
AMSA	Arctic Marine Shipping Assessment
AMSP	Arctic Marine Strategic Plan
AMSR	Advanced Microwave Scanning Radiometer (EOS)
AOPC	Atmospheric Observation Panel on Climate
APL	UW Applied Physics Laboratory
ARCTIC-HYDRA	The Arctic Hydrological Cycle Monitoring, Modelling and Assessment Program
ASPeCT	Antarctic Sea Ice Process & Climate
ATCM	Antarctic Treaty Consultative Meeting
BAS	British Antarctic Survey
BSH	Bundesamt für Seeschifffahrt und Hydrographie (Germany)
BSIM	Baltic Sea Ice Meeting
BUFR	Binary Universal Form for the Representation of Meteorological Data
CAS	Commission for Atmospheric Sciences
CASO	Climate of Antarctica and the Southern Ocean
CB	Capacity Building
CBS	Commission for Basic Systems (WMO)
CCI	Commission for Climatology
CEOS	Committee on Earth Observation Satellites
CDMP	US NOAA Climate Database Modernization Program
CG	Correspondence Group
CGOS	Global Climate Observing System
CHRIS	Committee on Hydrographic Requirements for Information Systems (IHO)
CHy	Commission for Hydrology (WMO)
CIS	Canadian Ice Service
CLIC	Climate and Cryosphere project
CLIVAR	Climate Variability and Predictability (WCRP)
CMM	Commission for Marine Meteorology (WMO)
COADS	Comprehensive Ocean Atmosphere Data Set
COMNAP	Council of Managers of National Antarctic Programs
COMPASS	Comprehensive Meteorological dataset of active IPY Antarctic measurement phase for Scientific and applied Studies
COMSAR	Sub-Committee on Radio-communications, Search, and Rescue (IMO)
CPRNW	Commission on the Promulgation of Radio Navigational Warnings (IHO)
CRYOS	Cryosphere Observing System
CSA	Canadian Space Agency
C&SMWG	Colours and Symbols Maintenance Working Group (IHO)
DBCP	Data Buoy Cooperation Panel
DMI	Danish Meteorological Institute
DMPA	Data Management Programme Area (JCOMM)
DMVOS	Deployed-Mode VOS
DPM	Disaster Prevention and Mitigation Programme (WMO)
DSMP	Defense Meteorological Satellite Program (USA)
EASE	Equal-Area Scalable Earth
EC	WMO Executive Council
ECDIS	Electronic Chart Display Information System
ECIMO	Russian Unified System of Information on World Ocean Conditions
ECS	Electronic Navigation System
ECV	Essential Climate Variable
EGOS	Evolution of the Global Observing System

ENC	Electronic Navigational Charts
ENCIO	Electronic Navigational Chart Ice Objects
ENVISAT	Environmental Satellite
EOS	Earth Observing System (NASA)
ESA	European Space Agency
ESRI	Environmental Systems Research Institute
ET	Expert Team
ETMAES	Expert Team on Marine Accident Emergency Support (JCOMM)
ETMC	Expert Team on Marine Climatology (JCOMM)
ETMSS	Expert Team on Maritime Safety Services (JCOMM)
ETSI	Expert Team on Sea Ice (JCOMM)
ETWS	Expert Team on Wind Waves and Storm Surges (JCOMM)
EU	European Union
EUMETSAT	European Organization for the Exploitation of Meteorological Satellites
EWG	Environmental Working Group
FIMR	Finnish Institute of Marine Research
GCMP	GCOS Climate Monitoring Principles
GCOS	Global Climate Observing System
GDSIDB	Global Digital Sea Ice Data Bank
GEO	Group on Earth Observation
GEOSS	Global Earth Observation System of Systems
GIS	Geographic Information System
GMDSS	Global Maritime Distress and Safety System
GMES	Global Monitoring of Environment and Security Programme
GML	Geography Markup Language
GODAE	Global Ocean Data Assimilation Experiment
GOOS	Global Ocean Observing System
HF	High Frequency
HGMIO	Harmonization Group on Marine Information Objects
HMC	Hydrometeorological Centre in Moscow
IABP	International Arctic Buoy Programme
IALA	International Association of Lighthouse Authorities
IAOOS	Integrated Arctic Ocean Observing System
IASOA	International Arctic System for Observing the Atmosphere
ICEMON	Sea Ice Monitoring in the Polar Regions
ICOADS	International Comprehensive Ocean-Atmosphere Data Set
ICS	International Chamber of Shipping
ICSU	International Council for Science
IEC	International Electro-technical Commission
IGOS	Integrated Global Observing Strategy
IHB	International Hydrographic Bureau
IHO	International Hydrographic Organization
IICWG	International Ice Charting Working Group
IIP	International Ice Patrol
IMB	Ice Mass Balance
IMO	International Maritime Organization
IMO	Icelandic Meteorological Office
IMMA	International Maritime Meteorological Archive
IMMSC	International Maritime Met-Ocean Services Conference
IMSO	International Mobile Satellite Organization
IOC	Intergovernmental Oceanographic Commission (of UNESCO)
IPAB	International Programme for Antarctic Buoys
IPO	IPY International Programme Office
IPY	International Polar Year
ISO	International Standards Organization
IWICOS	Integrated Weather, Sea Ice and Ocean Service System
JC	WMO/ICSU Joint Committee (IPY)

JCOMM	Joint WMO/IOC Technical Commission for Oceanography and Marine Meteorology
JEWL	Cross-JCOMM Pilot Project on Extreme Water Level
JMA	Japan Meteorological Agency
KSAT	Kongsberg Satellite Services
LDC	Least Developed Countries
MACICE	Manual of Standards Procedures for Observing and Reporting Ice Conditions (Canada)
MAES	Marine Accident Emergency Support
MAN	Management Committee (JCOMM)
MCSS	Marine Climatological Summaries Scheme
MDA	Macdonald, Dettwiler and Associates
MIO	Marine Information Object
MIZ	Marginal Ice Zone
MMSM	Marine Meteorological Services Monitoring
MOCS	Marine and Oceanographic Climatological Summaries
MODIS	Moderate Resolution Imaging Spectrometer
MoU	Memorandum of Understanding
MSC	MCSS Summaries
MSI	Maritime safety Information
MSS	Maritime Safety Services
MySQL	Structured Query Language
NAIS	North American Ice Service
NASA	National Aeronautics and Space Administration (USA)
NATO	North Atlantic Treaty Organization
NAVO	US Naval Oceanographic Office
NCOM	Navy Coastal Ocean Model
NEARGOOS	North-East Asian Regional GOOS
NIC	National Ice Center (USA)
NMEFC	National Marine Environment Forecast Centre (China)
NMS	National Meteorological Service
NOAA	National Oceanographic and Atmospheric Administration (USA)
NODC	National Oceanographic Data Center
NOGAPS	Navy's Operational Global Atmospheric Prediction System (USA)
NSIDC	National Snow and Ice Data Center (USA)
NSF	National Science Foundation
NSR	Northern Sea Route
NWP	Numerical Weather Prediction
OFS	Ocean Forecasting System
OI	Optimal Interpolation
OOPC	Ocean Observation Panel on Climate
OPA	Observations Programme Area
OPAG	Open Programme Area Group
OSL	Russian Otto Schmidt Laboratory
PAME	Arctic Council's Protection of the Arctic Marine Environment
PANC	Naval Combined Antarctic Patrol (Argentina)
PIPS	Polar Ice Prediction System
PMSI	Polar Maritime Safety Information
POC	Point of Contact
PSC	Polar Science Center (USA)
QC	Quality Control
QMFO	Qingdao Marine Forecasting Observatory
RADARSAT	Satellite from Canada
RAE	Russian Antarctic Expedition
RECLAIM	ICOADS-related Recovery of Logbooks and International Marine Data
RMC	Regional Meteorological Center (WMO)
SAF	Satellite Application Facility

SAO	Senior Arctic Officials
SAR	Synthetic Aperture Radar
SCAR	Scientific Committee on Antarctic Research
SCDPM	IPY Sub-Committee on Data Policy and Management
SCOBS	IPY Sub-Committee on Observations
SCG	Services Programme Area (SPA) Coordination Group (JCOMM)
SENC	System ENC
SG	Steering Group
SI	Sea Ice
SIGRID	Format for the archival and exchange of sea-ice data in digital form
SIR	Sea Ice Requirements
SHN	Naval Hydrographic Service (Argentina)
SIMS	Sea Ice Mapping System
SMARA	Argentine Navy Meteorological Service
SMHI	Swedish Meteorological and Hydrological Institute
SMN	Argentine National Meteorological Service
SOA	State Ocean Administration (China)
SOG	Statement of Guidance
SOLAS	International Convention for the Safety of Life at Sea
SPA	Services Programme Area (JCOMM)
SSM/I	Special Sensor microwave Imager
SST	Sea Surface Temperature
STG	Space Task Group
TC	Technical Committee
TD	Technical Document
TG	Task Group
THORPEX	Observing System Research and Predictability Experiment (WMO)
TLO	Top Level Objectives
ToR	Terms of Reference
TSMAD	Transfer Standard Maintenance and Application Development (IHO)
TT	Task Team
ULS	Upward Looking Sonar
UNESCO	United Nations Educational, Scientific and Cultural Organization
URD	User Requirement Document
USIABP	US Interagency Arctic Buoy Programme
UW	University of Washington (USA)
VOS	Voluntary Observing Ship
WCP	World Climate Programme (WMO)
WCRP	World Climate Research Programme
WG	Working Group
WGAM	Working Group on Antarctic Meteorology
WIS	WMO Information System
WMO	World Meteorological Organization
WOCE	World Ocean Circulation Experimentation
WS	Wind Waves and Storm Surges
WWNWS	Worldwide Navigational Warning Service (IHO/IMO)
WWW	World Weather Watch (WMO)
XML	Extensible Markup Language