

Acronyms used in the document:

ADCP	Acoustic Current Doppler Profiler
ANSSI	Agence nationale de la sécurité des systèmes d'information - <i>National Agency for the Security of Information Systems (France)</i>
ARGO	Array for Real-time Geostrophic Oceanography (ARGO floats)
AUV	Autonomous Underwater Vehicle
CDI	Common Data Index (SeaDataNet catalogue)
CERSAT	Centre d'Exploitation et de Recherche SATellitaire
CERT	Computer Emergency Response Team
CF	Climate Forecast
CFOSAT	Chinese-French Oceanic SATellite
CINES	Centre Informatique National de l'Enseignement Supérieur – <i>National Computing Center for Higher Education (France)</i>
CIRAD	Centre de coopération internationale en recherche agronomique pour le développement - <i>Agricultural Research Centre for International Development (France)</i>
CMEMS	Copernicus Marine Environment Monitoring Service
CNES	Centre National d'Etudes Spatiales - <i>French National Space Agency</i>
CNEXO	Centre National pour l'Exploitation des Océans – <i>National Centre for the Exploitation of the Oceans (France)</i>
CNRS	Centre National de la Recherche Scientifique - <i>National Centre for Scientific Research (France)</i>
CNSA	China National Space Administration
CRC	Cyclic Redundancy Codes
CSR	Cruise Summary Report (SeaDataNet Catalogue)
CSW	Catalogue Service for the Web (OGC Standard)
CTD	Conductivity Temperature Depth (Sensor)
DATAMEQ	Data Management, Exchange, and Quality (EuroGOOS working Group)
DBCP	Drifting Buoy Cooperation Panel
DCAT	Data Catalog Vocabulary
DG-ENVIRONMENT	Directorate-General for Communications NETWORKS, Content and Technology
DG-GROW	Directorate-General for Internal Market, Industry, Entrepreneurship and SMEs
DG-MARE	Directorate-General for Maritime Affairs and Fisheries
DG-Research	Directorate General for Research
DIG	Data and Information Group (IOC working group)
DOI	Digital Object Identifier
EDIOS	European Directory of Initial Ocean observing Systems (SeaDataNet catalogue)
EDMED	European Directory of Marine Environmental Data sets (SeaDataNet catalogue)
EDMERP	European Directory of Marine Environmental Research Projects (SeaDataNet catalogue)
EDMO	European Directory of Marine Organisations (SeaDataNet catalogue)
EEZ	Exclusive Economic Zone
EGO	Everyone's Gliding Observatories
EMODnet	European Marine Observation and Data Network
EMSO	European Multidisciplinary Seafloor Observatory
ESA	European Spatial Agency
EU	European Union
EUDAT	EUropean DATA
EuroGOOS	European Consortium for Global Ocean Observing System
FOF	Flotte Océanographique Française
GDAC	Global Data Assembly Centre
GEBCO	General Bathymetry Chart of the Oceans
GeoDACT-App	A geospatial extension for the DCAT application profile
GIS	Geographic Information System
GOSUD	Global Ocean Surface Underway Data

GPFS	General Parallel File System
HOV	Human Operated Vehicle
HPC	High Performance Computer
HTTP	HyperText Transfer Protocole
ICES	International Council for the Exploration of the Sea (Denmark)
IGN	Institut National de l'information Géographique et forestière – National operator for Geographic and Forest Information (France)
ILICO	Infrastructure de recherche Littorale et COtière - <i>Infrastructure for coastal ocean observations</i> (France)
INRAE	Institut national de recherche pour l'agriculture, l'alimentation et l'environnement - <i>Research institute working for the coherent and sustainable development of agriculture, food and the environment</i> (France)
INSPIRE	INfrastructure for SPatial InfoRmation in the European community
IOC	Intergovernmental Oceanographic Commission
IODE	International Oceanographic Data and Information Exchange (IOC)
IP	Internet Protocol
IPEV	Institut Polaire Paul-Emile Victor - <i>Polar Institute Paul-Émile Victor</i> (France)
IRD	Institut de Recherche pour le Développement - <i>National Research institutue for sustainable development</i> (France)
IRSI	Infrastructures de Recherche et Systèmes d'Information (Ifremer department)
IRSTEA	Institut national de recherche en sciences et technologies pour l'environnement et l'agriculture
ISI	Ingénierie des Systèmes d'Information (Ifremer team of IRSI department)
ISO	International Standards Organisation
ISTPM	Institut Scientifique et Technique des Pêches Maritimes
IT	Information and Technology
ITIL	Information Technology Infrastructure Library
LTO	Linear Tape-Open
MGD	Marine Geophysical Data
MPEG	Moving Pictures Experts Group
MTBF	Mean-Time-Between-Failure
NAS	Network Attached Storage
NODC	National Oceanographic Data Centre
NOS	National Observation System
NRT	Near Real-Time
OAI-PMH	Open Archives Initiative - Protocol for Metadata Harvesting
OAIS	Open Archival Information System
OGC	Open Geospatial Consortium
OTRS	Open-source Ticket Request System
PI	Principal Investigator
PID	Persistent IDentifier
POC	Proof Of Concept
QA	Quality Assurance
QC	Quality Checks
QMS	Quality Management System
RDA	Research Data Alliance
RENATER	REseau NAional de télécommunications pour la Technologie, l'Enseignement et la Recherche - <i>National research and education network</i> (France)
RI	Research Infrastucture
RIC	Ressources Informatiques et Communications (Ifremer team of IRSI department)
ROV	Remotely operated vehicle
SD	Service Desk
SEANOE	SEA scieNtific Open data Edition
SGC	Système de Gestion des Campagnes (Ifremer tool for managing the reserach cruises information)

SISMER	Systèmes d'informations scientifiques pour la Mer (Ifremer team of IRSI department)
Shom	Service Hydrographique et Océanographique de la Marine (French National Hydrographic Service)
SLA	Service Level Agreement
SMOS	Soil Moisture and Ocean Salinity (mission of the ESA)
TAC	Thematic Assembling Centre (INSTAC = In-Situ TAC)
UNESCO	United Nations Educational, Scientific, and Cultural Organisation
W3C	World Wide Web Consortium
WCS	Web Coverage Service (OGC)
WFS	Web Feature Service (OGC)
WMS	Web Map Service (OGC)
XML	eXtended Markup Language