

Future of the ocean – Technical Resource file

General facts and info

Shipping facts <http://www.marisec.org/shippingfacts/home/>
 (Information about the international shipping industry)
 The maritime foundation industry knowledge centre <http://www.maritimeindustryfoundation.com/index.htm>

Class Societies

International Association of Classification Societies

IACS <http://www.iacs.org.uk/>
 IACS members: <http://www.iacs.org.uk/about/members/>

Classification Societies - IACS members

ABS <http://www.eagle.org>
 BV <http://www.veristar.com>
 CCS <http://www.ccs.org.cn>
 CRS <http://www.crs.hr/>
 DNV GL <https://www.dnvgl.com/>
 IRS <http://www.irclass.org/>
 KR <http://www.krs.co.kr>
 LR <http://www.lr.org>
 NK <http://www.classnk.or.jp>
 PRS <https://www.prs.pl/>
 RINA <http://www.rina.org>
 RS <http://www.rs-class.org/>

Flags / Statutory

ONU agencies

International Maritime Organisation <http://www.imo.org/>
 International Labour Organisation <http://www.ilo.org/>

National Agencies

EMSA - European Maritime Safety Agency <http://www.emsa.europa.eu/>
 USCG - United States Coast Guard <http://www.uscg.mil/>
 MCA - Maritime and Coastguard Agency UK <http://www.mcga.gov.uk>
 CCG - Canadian Coast Guard / Canada www.ccg-qcc.gc.ca
 Australian Maritime Safety Agency www.amsa.gov.au
 See-Berufsgenossenschaft <http://www.see-bg.de/>
 (Ship safety <http://www.see-bg.de/schiffssicherheit/safetye/>)
 French Maritime Administration <http://www.mer.equipement.gouv.fr/>
 Transport and Water Management Inspectorate <http://www.ivw.nl/onderwerpen/koopvaardij/>
 Finish Maritime Authority www.fma.fi
 Danish Maritime Safety Administration <http://www.frv.dk/en/>
 Swedish Maritime Administration <http://www.sjofartsverket.se/>
 Romanian Naval Authority <http://www.rna.ro/>
 Hong Kong Maritime Department <http://www.mardep.gov.hk/en/home.html>
 Panama Canal Authority <http://www.pancanal.com/eng/index.html>
 Suez Canal Authority <http://www.suezcanal.gov.eg/>
 Malaysian Maritime Enforcement Agency <http://www.mmea.gov.my/index.php?lang=en>

Norwegian Maritime Directorate	http://www.sjofartsdir.no/en/
Maritime Port Authority Singapore	http://www.mpa.gov.sg/
Bureau of Ocean Energy Management, Regulation and Enforcement (BOEMRE) (USA)	http://www.boemre.gov/
New Zealand maritime authority	http://www.maritimenz.govt.nz/default.asp

Memorandum of Understanding on Port state control

Paris MOU	http://www.parismou.org/
Tokyo MOU	http://www.tokyo-mou.org/
Mediterranean MOU	http://www.medmou.org/
Black Sea MOU	http://www.bsmou.org/
Indian Ocean MOU	http://www.iomou.org/
Latin America Region MOU	http://200.45.69.62/

Others

World Meteorological Organisation	http://www.wmo.int/pages/index_en.html
International Energy Agency	http://www.iea.org/
International Hydrographical Organisation	http://www.iho-ohi.net/english/home/
International Oil Pollution Compensation Funds (IOPC Funds)	http://www.iopcfund.org/
Australian Quarantine and Inspection Service	http://www.daffa.gov.au/aqis
UNCTAD	http://www.unctad.org/
United Nations Conference on Trade and Development	
PSA	http://www.ptil.no/
Petroleum Safety Authority Norway	
Maritime Navigation and Information Services	www.marnis.org
International Mobile Satellite Organisation (IMSO)	http://www.imso.org/
International Hydrographic Organization (IHO)	http://www.iho-ohi.net/english/home/
United Nations Conference on Trade and Development (UNCTAD)	http://www.unctad.org/
International Telecommunications Union (ITU)	http://www.itu.int/en/
World Customs Organization (WCO)	http://www.wcoomd.org/
World Maritime University (WMU)	http://www.wmu.se/
Helsinki Commission (HELCOM)	http://www.helcom.fi/
(Convention on the Protection of the Marine Environment of the Baltic Sea Area)	
University-National Oceanographic Laboratory System (USA)	http://www.unols.org/

Industry's International Organisations

Intertanko	www.intertanko.com
(International Association of Independent Tanker Owners)	
OCIMF	http://www.ocimf.com/
(Oil Companies International Maritime Forum)	
INTERCARGO	http://www.intercargo.org/
(International Association of Dry Cargo Shipowners)	
International Chamber of Shipping & International shipping federation	http://www.marisec.org/
BIMCO	http://www.bimco.com
(The Baltic and International Maritime Council / DK)	
The International Chamber of Shipping (ICS)	www.marisec.org
UK Protection and Indemnity Club	www.ukpandi.com

The international council of maritime industry associations	http://www.icomia.org/
Europa (European Petroleum Industry Association)	http://www.europia.com/
International Maritime Bureau (part of International Chamber of Commerce)	http://www.iccwbo.org/
International Marine Contractors Association	http://www.imca-int.com/
International Salvage Union (ISU)	http://www.marine-salvage.com/
Society of International Gas Tanker & Terminal Operators Ltd	http://sigtto.re-invent.net/DNN/
International Marine Mobile Satellite Organisation	http://www.inmarsat.com/
Container Shipping Information Service	http://www.worldshipping.org/
Cruise Lines International Associations	http://www.cruising.org/
European Community Shipowner's Associations	http://www.ecsa.be/
International Ship Managers' Associations	http://www.intermanager.org/
International Parcels Tanker Association	http://www.ipta.org.uk/
Asian Shipowners' Forum	http://asianshipowners.org/
International Federation of Freight Forwarders Associations	http://www.fiata.com/
International Shippers & Services Association	http://www.shipsupply.org/
The Federation of National Associations of Ship Brokers and Agents (FONASBA)	https://sslrelay.com/fonasba.com/main.html
International Association of Ports and Harbors (IAPH)	http://www.iaphworldports.org/
International Group of P&I Clubs	http://www.igpandi.org/
International Tanker Owners Pollution Federation (ITOPF)	http://www.itopf.com/
International Bunker Industry Association	http://www.ibia.net/
International Association of Dredging Companies	http://www.iadc-dredging.com/
Western Dredging Association	http://www.westerndredging.org/
Hazardous Materials Advisory Council	http://www.hmac.org/

Insurance

International Underwriting Association of London	http://www.iua.co.uk/
International Union of Marine Insurance (IUMI)	http://www.iumi.com/

Financial Organisations

Baltic Exchange	http://www.balticexchange.co.uk/
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Environmental Organisations

Concawe (Conservation of Clean Air and Water in Europe)	http://www.concawe.be/
IPIECA	http://www.ipieca.org/
The International Petroleum Industry Environmental Conservation Association	
Hellenic Marine Environment Protection Association	http://www.helmepa.gr/en/index.php
Cyprus Marine Environment Protection Association	http://www.cymepa.org.cy/
European Union for Coastal Conservation	http://www.eucc.nl/en/index.htm

Professional associations

RINA	http://www.rina.org.uk/
Royal Institution of Naval Architect	
SNAME	http://www.sname.org/
The Society of Naval Architects and Marine Engineers	
SSA UK	http://www.ssa.org.uk/

Shipbuilders and Shiprepaires Association UK	
Nautical Institute	http://www.nautinst.org/
The international professional body for qualified seafarers	
Schiffbautechnische Gesellschaft e.V.	http://www.stg-online.de/
The German Society for Maritime Technology	
VSM	http://www.vsm.de/
German Shipbuilding and Ocean Industries Association	
JASNAOE	http://www.jasnaoe.or.jp/en/
The Japan Society of Naval Architects and Ocean Engineers	
SNAK	http://www.snak.or.kr/
The Society of Naval Architects of Korea	
International Federation of Shipmasters' Associations	http://www.ifsma.org/
International Committee on Seafarers' Welfare (ICSW)	http://www.seafarerswelfare.org/
International Maritime Pilots' Association (IMPA)	http://www.impahq.org/
International Transport Workers Federation (ITF)	http://www.itfglobal.org/
Institute of Marine Engineers, Science and Technology (IMarEst)	http://www.imarest.org/
Royal Yachting Association	http://www.rya.org.uk/Pages/Home.aspx
Marine Engineers Certification Authority Ltd. (MECAL)	http://www.mecal.co.uk/
British Marine Federation	http://www.britishmarine.co.uk/
Seafish Marine Services	http://www.seafishmarineservices.com/index.htm

Position Classification <http://www.scribd.com/doc/7708878/Naval-Architecture-Series>
Standard for Naval Architecture Series, GS-0871 TS-34 June 1961
From U.S. Office of Personnel Management

Codes, Guidelines and other related matters

General

International Organisation for Standardisation	www.iso.com
DIN - Deutsches Institut für Normung e.V.	www.din.de
Norsok – The standardisation organisation in Norway	http://www.standard.no/en/
See Norsok Standards for Maritime Industry	

Structure

IACS Common Structural Rules
<http://www.iacs.org.uk/publications/CommonRulePublications.aspx?pageid=4§ionid=2>

www.access-steel.com
<http://project.access-steel.com/Content/Content.htm>

EuroCode Publications
<http://eurocodes.jrc.ec.europa.eu/listpublications.php?en=8&lg=&gen=0>

Info bolts and bolts connection (AISC)
<http://www.boltcouncil.org/>

Classification and verification

DNV Rules and Regulations <http://exchange.dnv.com/publishing/ServiceDocs.asp>

GL Noble Denton http://www.gl-nobledenton.com/en/rules_guidelines.php
 Technical Guidelines and Rules

Boat building and vessel standards - UK rules and regulations for
<http://www.businesslink.gov.uk/bdotg/action/layer?r.l1=1081597476&r.l2=1086795191&r.s=t&topicId=1087115848>

Safety

Marine Safety Forum <http://www.marinesafetyforum.org/>

Materials

Materials Word <http://www.iom3.org/content/materials-world>
 Adhesive Organisation <http://www.adhesives.org/>

Info's – Ships/Companies/Others

Public web-site promoting quality shipping <http://www.equasis.org/>
 (Safety records of individual ships developed by European Commission and the French
 Maritime Administration)
 World Shipping Directory <http://www.wsdonline.com/>
 Naval Technology <http://www.naval-technology.com>
 Motor Ship <http://www.motorship.com/>
 Ship Technology <http://www.ship-technology.com/>
 Institute of Shipping Economics and Logistics (Hamburg, Germany) <http://www.isl.org/>
 Port Strategy <http://www.portstrategy.com/home>
 Shipbuilders and repairers <http://www.infomarin.ru/compe/build1.shtml>

Design

Boat design <http://boatdesign.net/>
 Scaffoldings http://www.deir.qld.gov.au/workplace/resources/pdfs/scaffolding_code2009.pdf
http://www.osha.gov/pls/oshaweb/owadisp.show_document?p_table=STANDARDS&p_id=9720
 Wave calculator <http://www.coastal.udel.edu/faculty/rad/streamless.html>
 USA Navy Corps of Engineers <http://140.194.76.129/publications/eng-manuals/>
 Engineering Manuals
 Welding <http://www.gowelding.com/>

News and Info

Lloyd's List <http://www.lloydslist.com/>
 Fairplay <http://www.fairplay.co.uk/>
 Tradewinds <http://www.tradewinds.no/>
 Maritime Executive Magazine www.maritime-executive.com
 Shipping News <http://www.shipping-news.net/>
<http://www.maritime-connector.com/>
<http://www.maritime-database.com/>
 Riviera Maritime Media <http://www.rivieramm.com/>
 Seatrade <http://www.seatrade-global.com/>

Ship Crunch	http://www.shipcrunch.com/
(ex 59°56` N	http://5956n.typepad.com/)
Shipping/Shipbuilding in Russia	http://www.korabel.ru/
Marine Link	http://www.marinelink.com
Maritime Watch	http://www.maritimewatch.eu/home
Safety for Sea	http://www.safety4sea.com/
Barent Observer	http://www.barentsobserver.com/
Ship and Offshore	http://www.shipandoffshore.net/
World Maritime News	http://worldmaritimeneeds.com/
Marine Insight	http://www.marineinsight.com/
GCaptain	http://gcaptain.com/
Motor Ship	http://www.motorship.com/home
Maritime Journal	http://www.maritimejournal.com/
Offshore Magazine	http://www.offshore-mag.com/index.html
Upsteam on line	http://www.upstreamonline.com/live/

Renewable

Offshore wind – portal, maps	http://www.4coffshore.com/
BrightenerEnergy	http://www.brighterenergy.org/
Wind Energy Update	http://social.windenergyupdate.com/

Maps

http://www.lib.utexas.edu/maps/index.html
http://www.mapsofworld.com/
http://www.oceansatlas.org/

Tools

Technical info on 4,500 ships (a service of Intertanko)	https://www.q88.com/
Hull's Hydrodynamic resistance (MICHLET)	http://www.cyberiad.net/michlet.htm
Hull's Hydrodynamic resistance	http://freeship-plus.pisem.su/indexEN.html
UNOLS Handbook of oceanographic winch, wire and cable technology, 3rd edition	
http://www.unols.org/publications/winch_wire_handbook_3rd_ed/index.html	

Density and viscosity spread sheets	
http://viscoanalyser.com/page8.html	

Others

US Congress Library	www.loc.gov
The British Library	http://www.bl.uk/
TU Delft Library	http://www.library.tudelft.nl/ws/index.htm
SCRIBD	www.scribd.com
Water Encyclopaedia	http://www.waterencyclopedia.com/
Creating your own survey (Free)	http://www.surveymonkey.com/

Networking

<u>Maritime</u>	
Boat design forum	http://www.boatdesign.net/forums/

Professional General

LinkedIn

www.linkedin.com

XIng

www.xing.com

Marine Professional

www.maritimprofessional.com**Free documents**

US Navy Towing manual

<http://www.scribd.com/doc/71610713/Usn-Towing-Manual>;

Comparative Structural Requirements for High Speed Crafts

<http://www.scribd.com/doc/70577955/Comparative-Structural-Requirements-for-High-Speed-Crafts>

US Navy - Mooring Design

<http://artikel-software.com/file/Design%20-%20Moorings-b.pdf>

USA Navy - Corps of Engineers Engineering Manuals

<http://140.194.76.129/publications/eng-manuals/>

USA Navy - Corrosion control

<http://www.scribd.com/COREeye67/d/82900482-NAVY-Corrosion-Control-1992-306-Pages>

Corrosion of the steel structure in steel reinforced concrete (PhD Thesis)

<http://www.scribd.com/doc/84848164/zhang>

USA Navy - Underwater cutting and welding manual

<http://www.scribd.com/doc/90543334/2002-U-S-Navy-Underwater-Cutting-and-Welding-Manual>

USA Loadline Technical manual

<http://www.uscg.mil/hq/cg5/cg5212/lltechmanual.asp>

New Zealand Maritime Authority publications

http://www.maritimenz.govt.nz/Publications-and-forms/Commercial-operations/Publications-and-forms.asp#shipping_safety

Maritime earthing Guidelines (Norway)

http://www.dsb.no/Global/Publikasjoner/Tidligere/Andre/Maritime_earthing_Guidelines.pdf

USA Department of Defence - Design of Piers and Wharves

<http://www.scribd.com/doc/102620892/Design-Piers-Wharves>

Canadian Coast Guard – Ice Navigation in Canadian Waters

<http://www.ccg-gcc.gc.ca/Icebreaking/Ice-Navigation-Canadian-Waters>

Bureau of Ocean Energy Management, Regulation, and Enforcement

Final report on comparison of API, ISO, and NORSOK offshore structural standards

http://www.bsee.gov/uploadedFiles/BSEE/Research_and_Training/Technology_Assessment_and_Research/AA%20TAR%20677%20Code%20Comparison.pdf