



Learning Resource Center
Cape Fear Community College
Wilmington, North Carolina

Selected Marine Technology

Print Resources:

The boat owner's guide to GMDSS and marine radio: marine distress and safety communications in the digital age
VK 397 .B63 2006

Chapman piloting & seamanship
VM 341 .C63 2003

Dynamics of marine ecosystems: biological-physical interactions in the oceans
QH 541.5 .S3 M25 2006

Encyclopedia of the aquatic world
Reference QH 90.2 .E53 2004

Encyclopedia of ocean sciences
Reference GC 9 .E58 2001

Encyclopedia of marine mammals
Reference QL 713.2 .E53 2002

Guide to marine mammals of the world
QL 713.2 .N37 2002

In a perfect ocean: the state of fisheries and ecosystems in the North Atlantic Ocean
SH 213.2 .P38 2003

Interdisciplinary encyclopedia of marine sciences
Reference GC 9 .I58 2003

Knots, bends, and hitches for mariners
VM 533 .K65 2006

The machine in Neptune's garden: historical perspectives on technology and the marine environment
GC 28 .M27 2004

Marine biology: function, biodiversity, ecology
QH 91 .L427 2001

Marine and coastal geographical information systems
North Campus GC 10.4 .R4 M37 2000

Marine conservation biology: the science of maintaining the sea's biodiversity
QH 91.8 .B6 M37 2005

Marine geochemistry
GC 111.2 .C47 2000

Marine invertebrates: 500+ essential-to-know aquarium species
QL 122 .S55 2004

Molecular and cell biology of marine mammals
QL 713.2 .M59 2002

Nature guide to the Carolina coast: common birds, crabs, shells, fish, and other entities of the coastal environment
QL 196 .M49 2001

Navigation rules for international and inland waters
VK 371 .U6 2003b

Ocean and circulation climate: observing and modeling the global ocean
GC 228.5 .O26 2001

Oceanographic processes of coral reefs: physical and biological links in the Great Barrier Reef
QH 197 .O34 2001

Oceans: an illustrated reference
GC 11.2 .S76 2006

Oceans: a Scientific American reader
GC 21 .O28 2007

Pounder's marine diesel engines and gas turbines
VM 770 .P7 2004

The saltwater wilderness
QH 91 .V36 2003

The sea knows no boundaries: a century of marine science under ICES
GC 57 .R69 2002

Seamanship techniques
VK 541 .H85 2001

World atlas of the oceans: with the General Bathymetric Chart of the Oceans
Reference G 2800 .W4413 2001

Internet Resources:

American Society of Limnology and Oceanography (ASLO) – is a leading professional organization for researchers and educators in the field of aquatic science and is best known for its highly rated research journals, its interdisciplinary meetings and its special symposia.

<http://www.aslo.org/>

Animated Knots by Grog – this website offers information on rope care and a variety of knots used in boating, fishing, climbing, search and rescue, and scouting. It includes step-by-step directions for each knot, as well as an animated demonstration.

<http://www.animatedknots.com/>

Institute of Navigation – is a non-profit professional society dedicated to the advancement of the art and science of navigation. Founded in 1945, it serves a diverse community including those interested in air, space, marine, and land navigation.

<http://www.ion.org/>

International Hydrographic Organization (IHO) – is to ensure the provision of adequate and timely hydrographic information for world-wide marine navigation and other purposes, through the endeavors of national hydrographic offices.

<http://www.iho.shom.fr/>

Marine Advanced Technology Education (MATE) – is a national partnership of educational institutions and organizations working to improve marine technical education in the U.S. and to meet the workplace needs of America's marine-related workforce and employers.

<http://www.marinetech.org/>

MarineBio.org – is an evolving online tribute to all ocean life, marine biology and marine conservation. It is a nonprofit volunteer organization of marine biologists, students, professors, and conservation advocates working to share the wonders of the ocean realm to inspire education, research and a sea ethic.

<http://www.marinebio.org/>

Marine Technology Society – is a not-for-profit professional society that includes ocean engineers, technologists, and educators. They support all the components of the ocean community: academia, industry and government.

<http://www.mtsociety.org/>

NOAA (National Oceanic & Atmospheric Administration) is a federal agency focused on the condition of the oceans and the atmosphere. It includes the following agencies:

<http://www.noaa.gov/>

- NOAA National Weather Service: <http://www.nws.noaa.gov/>
- NOAA Satellites and Information: <http://www.nesdis.noaa.gov/>
- NOAA Fisheries: <http://www.nmfs.noaa.gov/>
- NOAA Ocean Service: <http://oceanservice.noaa.gov/>
- NOAA Research: <http://www.research.noaa.gov/>
- NOAA Office of Marine & Aviation Operations: <http://www.oma.noaa.gov/>

Oceanic Engineering Society – offers interested professionals a technical forum for all technologies related to ocean engineering as evidenced by our many technical committees, chapters, conferences, awards, and publications.

<http://www.oceanicengineering.org>

Scripps Institution of Oceanography (SIO) – is one of the oldest and largest centers for marine science research, graduate training, and public service in the world. Research at Scripps Institution of Oceanography encompasses physical, chemical, biological, geological, and geophysical studies of the oceans.

<http://sio.ucsd.edu/>

Society of Naval Architects and Marine Engineers – is an internationally recognized nonprofit, technical, professional society of individual members serving the maritime and offshore industries and their suppliers.

<http://www.sname.org/>

United Nations Atlas of the Oceans – is developed under the authority of UN-Oceans (Oceans and Coastal Areas Network), the interagency coordination mechanism on oceans and coastal issues within the United Nations System. There are four main entry points to access information:

1. About the oceans - from history, biology, maps and statistics to research, climatology and ecology
2. Uses of the oceans - from fishing, shipping and mining to tourism, dumping and marine biotechnology
3. Issues - from food security and climate change to governance and human health
4. Geography - information categorized by geographical area

<http://www.oceansatlas.org/>

United States Coast Guard (USCG) – is a military branch of the United States involved in maritime law, mariner assistance, and search and rescue. U.S. Coast Guard Office of Boating Safety is dedicated to reducing loss of life, injuries, and property damage that occur on U.S. waterways by improving the knowledge, skills, and abilities of boaters.

<http://www.uscg.mil/default.asp>

Woods Hole Oceanographic Institution (WHOI) – is a private, independent, not-for-profit corporation dedicated to research and higher education at the frontiers of ocean science.

<http://www.whoi.edu/>

World Ocean Observatory – is dedicated to information, education and public discourse about the ocean defined as an integrated global social system. The website communicates the full spectrum of ocean issues — climate, fresh water, food, energy, trade, transportation, public health, finance, governance, recreation, and culture.

<http://www.thew2o.net/>