



MARYLAND NAUTICAL

“The Navigator” Newsletter

Fall 2016

Maryland Nautical Sales Launches New & Improved Website

Maryland Nautical is excited to announce the launch of our newly designed website. The site's homepage features a new color scheme and an uncluttered design. Our goal was to make the new website faster, intuitive, easy to navigate, and more user friendly. It was important to make our products easily accessible to our current and prospective customers. We make it a point to keep you up-to-date with the most current products and editions.

Our new site features reliable hosting, and a secure purchasing environment for your purchases by major credit cards or PayPal.



The site allows you to stay connected to Maryland Nautical Sales via our social media site.

Mobile ready. Easy to use on smartphones and tablets.

We also wanted to give our customers an opportunity to learn about the rich history of Maryland Nautical Sales and the services we provide. On our new site, you can even take a virtual tour of our facility.

Please visit our site at www.mdnautical.com. If you have questions about the site, or suggestions for further improvement, please contact us at sales@mdnautical.com. We're here to serve!

A Piece of Maryland Nautical's Rich History

Maryland Nautical Sale's president Bob Davis is a history buff, especially where history links nautical gear to real people. His recent acquisition of a pair of Wilfrid O. White parallel rules revealed the story of its former owner, and shed new light on the valiant actions of the men of the USS Emmons during World War II.

Wilfrid O. White was the founder of the chandlery and chart agent that has since evolved into Maryland Nautical Sales. Australian shipbuilder Wilfrid studied in Scotland with Lord Kelvin, and immigrated to the United States in 1898. There he married Ruth Eldridge, daughter of George Eldridge, originator of the Eldridge Tide & Pilot Book. Wilfrid established the American firm of Kelvin & White, Co. in 1919, later renamed Wilfrid O. White and Sons, Nautical Instruments & Chart Agents.



Captain John Hart, center, purchased the Baltimore branch of Wilfrid O. White and Sons in 1957, later changing the name to Maryland Nautical Sales, Inc.



24" Hinged Brass Parallel Rule purchased by Robert Davis current owner of Maryland Nautical.



The firm operated on Baltimore's Water Street until the company was purchased in 1957 by Captain John Hart and renamed Maryland Nautical Sales, Inc. The Davis family purchased the company in 1985, greatly expanding the business and line of products and services.

For several decades, Wilfrid O. White produced and sold brass 24" hinged parallel rules. One of these parallel rules came to be owned by Raymond "Pappy" Diehl, who served onboard the US Navy destroyer USS Emmons as a fire control Chief Petty Officer during World War II. Ray was fortunate to survive the war and return home to his family, where he mounted the parallel rules over his workbench. He looked up at them frequently, his son Robert observed, but never revealed his wartime stories to his son until much later in life, when the stories were somewhat garbled by time. Robert is well aware of the horrors of war, having experienced them in Vietnam from 1966-1967.



Crosby Cachet World War II Wartime Event Cover Naval USS Emmons December 10, 1941

When Ray died in 2012, the parallel rules were passed to Robert. He did some research to discover their purpose, and decided to contact a few chandleries to see who might be interested in preserving this piece of history. Bob Davis of MNS responded, and after a series of emails, Bob now has the parallel rules displayed in the Baltimore office, along with a 1941 Wartime Event Cover from the USS Emmons.

A Piece of Maryland Nautical's Rich History *(cont'd)*

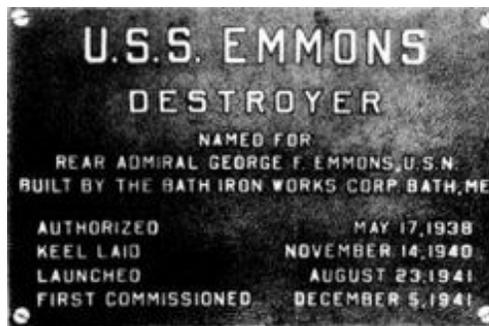
Ray's son Robert and the USS Emmons Association provided MNS with a brief history of USS Emmons, DD-457/DMS-22. Launched in 1941, the ship's history is filled with great moments of heroism by her crew. After shakedown diplomatic cruises in Central America, Emmons operated in the European theater, participating in nearly every major landing in the European Atlantic, including the momentous sea land engagement at Normandy, France.



U.S.S. Emmons - DD457, having just been launched, is handled by tugs at the Bath Iron Works Shipyard on 21 August, 1941.

As the war in Europe came under control, Emmons moved to the Pacific theater to engage the Japanese. She fought valiantly until April 6th, 1945 – a tragic day near Okinawa where she was

hit by five kamikazes and was put out of commission. Despite valiant firefighting efforts, a heavy explosion ensued and the order to abandon ship was given. All night, the burning Emmons drifted toward shore, and the US Navy gave the decision to scuttle the ship before she reached enemy hands. She now lies approximately 140 feet below the ocean's surface, with a bronze monument giving the names of the 60 brave men who perished that awful, fateful day.



Grave of the U.S.S. EMMONS 140' below the ocean's surface and her bronze monument.

The USS Emmons was awarded 5 Battle Stars and the Naval Unit Commendation. One of her four commanding officers, Edward Baxter Billingsly, authored the book entitled "The Emmons Saga", detailing the valiant story of the USS Emmons.

Robert expressed that he is proud and honored to be Ray Diehl's son, and is happy that the parallel rules have found a home where they will be displayed - honoring, in some small measure, the heroic and noble men of the USS Emmons. After 70 years, it seems the parallel rules have returned to family.

Note: The 2016 USS Emmons Reunion was hosted September 22-25 in historic Portsmouth Naval Shipyard. Maryland Nautical Sales salutes the brave men who served on her; many of whom gave their lives in the service of our nation. For details, see <http://www.ussemmons.org/>.

***** Pre-order your copy today*****

IMDG CODE 2016 Edition

International Maritime Dangerous Goods Code

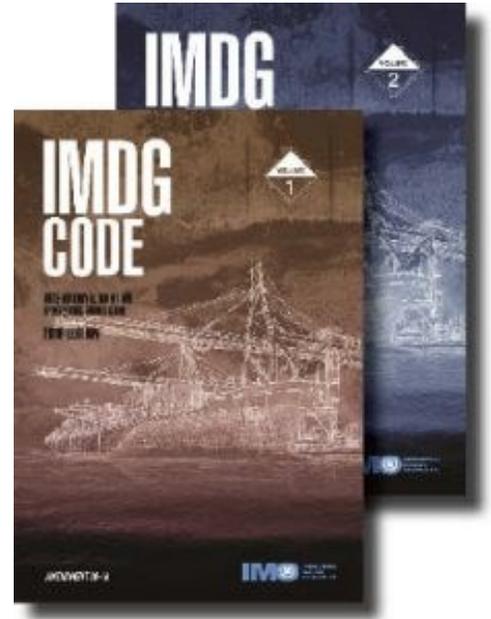
The IMDG Code has undergone many changes over the years, in order to keep up with the rapid expansion of the shipping industry. Amendment 38-16 of the Code is mandatory as of January 1, 2018 but may be applied by Administrations in whole or in part on a voluntary basis from 1 January 2017.

The two-volume Code is divided into seven parts:

Volume 1 (parts 1, 2, 4, 5, 6 and 7 of the Code) contains sections on: general provisions, definitions and training; classification; packing and tank provisions; consignment procedures; construction and testing of packaging, IBCs, large packaging, portable tanks, MEGCs and road tank vehicles; transport operations

Volume 2 contains part 3 (Dangerous Goods List, special provisions and exceptions), appendices A and B (generic and N.O.S. Proper Shipping Names, and glossary of terms) and an index.

Contact us at sales@mdnautical.com for more information or to place your order.



\$199.90

AVAILABLE LATE OCTOBER 2016

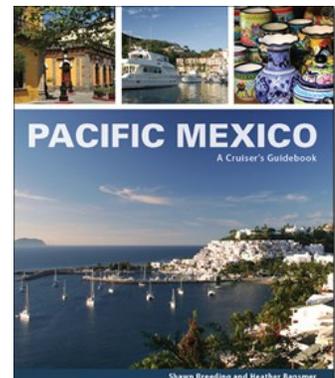
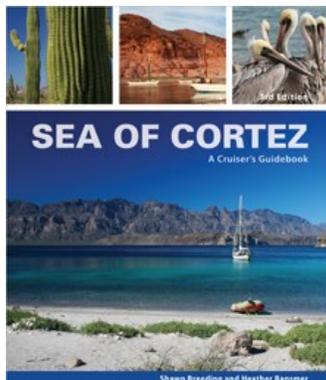
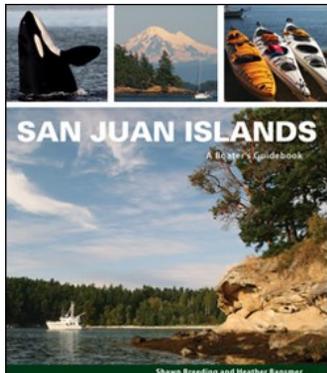
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NOAA's "New Zone of Confidence"

How up to date is the data on your chart? NOAA's Office of Coast Survey (OCS) is making it easier by rolling out a new chart feature called the Zone of Confidence (ZOC) box. This will replace the source diagram that is currently on large-scale charts. The diagrams and improved ZOC will help mariners assess hydrographic survey data and the associated level of risk to navigate in a particular area.

Source and ZOC diagrams are graphic representations of the extent of hydrographic surveys within the chart and accompanying table of related survey quality categories. Where the old source diagrams were based on inexact and sometimes subjective parameters, the new ZOC classifications are derived more consistently, using a combination of survey date, position accuracy, and sea floor coverage.

To see the Zones of Confidence on charts, look for the chart markings (A1, A2, B, C and D) on the chart itself. Check the ZOC box (located on non-water portions of the chart) for the date of the data acquisition, the position accuracy, the depth accuracy, and characterization of the seafloor for each particular zone.

ZOC CATEGORIES (Refer to Chapter 1, United States Coast Pilot)				
ZOC	DATE	POSITION ACCURACY	DEPTH ACCURACY	SEAFLOOR COVERAGE
A1	2008-2009	± 16 ft	= 1.6 ft + 1% depth	All significant seafloor features detected
B	1949	± 160 ft	= 3.2 ft + 2% depth	Uncharted features hazardous to surface navigation are not expected but may exist
C	1949	± 1600 ft	= 6.5 ft + 2% depth	Depth anomalies may be expected
D	-	Worse than ZOC C	Worse than ZOC C	Large depth anomalies may be expected

The first charts to include the new ZOC were released in April 2016. Look for more as NOAA continues to provide the highest quality nautical charts for the US maritime community.



Identifying Counterfeit Products

The UK Hydrographic Office (UKHO) has recently observed an increase in the number of counterfeit versions of its ADMIRALTY charts and publications in circulation. They ask that users be aware, and have produced a simple guide to help identify genuine ADMIRALTY products and reduce the risk of counterfeits being used for navigation.

If you do find a counterfeit product, please inform the UKHO by contacting our customer services team. Details of where and when the product was purchased, photographs and ideally the product itself should be provided to help us identify the source.

Here are some features to look for in authentic Admiralty products, contact our office for the complete guide :



Certificate of Authenticity



Consistent printing/
finishing



Tightly Bound



Watermark of crest
on front cover



Logo Watermark on charts



Thumb Label Strip

T/S GOLDEN BEAR

Students Visit Maryland Nautical



Bob Davis, MNS President, welcomed the cadets and conducted a tour of MNS facilities, while cartographers Jessica Jenkins and Charles Singer demonstrated our Print on Demand chart production.

The 500' training ship GOLDEN BEAR is owned by California Maritime Academy, and voyages during the summer from their Vallejo homeport to ports in the Pacific, Caribbean, and Atlantic before returning to Vallejo. In each port, the ship offers tours for prospective students, their families, and high school or community college counselors. Hundreds of Cal Maritime cadets run the ship while overseen by licensed deck officers and engineers. They also take courses while underway, perform ship maintenance at sea and in port, and have liberty (free-time) in each port.



Argentine Frigate "LIBERTAD"



On June 3rd, the Argentine Navy's training ship Libertad docked in Baltimore's Inner Harbor as their second stop of a 196-day voyage. From April 23rd until November 5th, the itinerary of the crew of 351, includes ports in in Norfolk, New York and nine European countries Brazil, Netherlands, France, Ireland, Spain, Italy, Greece, and Uruguay. They will spend 133 days at sea and 63 days docked at foreign ports.

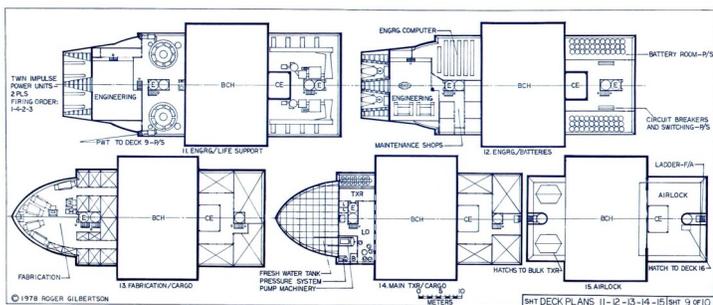
In April, Maryland Nautical Sales was contacted by Ruben Bolognesi from the Argentine Naval Logistics Mission to assist with outfitting the vessel. Charts and publications were supplied to vessel covering their entire journey to every port from start to finish.

What's New at Clipper City Publishing

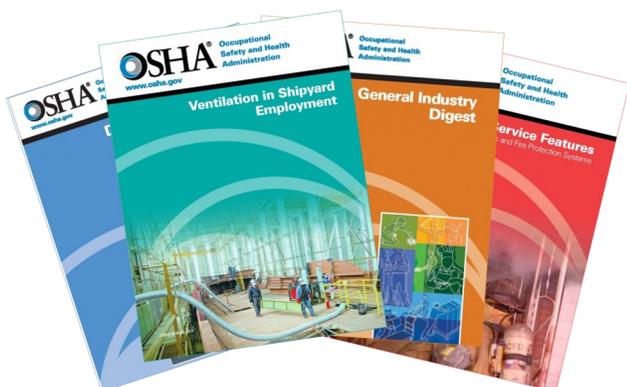
We are currently Publishing all 50 titles of the Code of Federal Regulations (CFR).



We recently acquired a commercial scanner giving us the capabilities to scan items of up to 36" in width. Perfect for scanning ship's plans or schematics.



Our newest edition to our print list is Occupational Safety & Health Association Titles.



Clipper City Publishing is the in-house publisher for Maryland Nautical Sales. For a truly professional look, why not customize your materials with your ship's name or company logo? We have the equipment and experienced staff to do the job right. Forms, booklets, stationery - you name it, we can do it. We provide color and black & white products, delivered right to your door or dock.

Publications now produced by Clipper City:

- Code of Federal Regulations (CFR)
- USCG Light List
- Bridge Bell Book
- List of Lights Pub. 110
- USCG Navigation Rules
- Sailing Directions (Enroute) & (Planning Guide)
- Summary of Corrections
- Coast Pilots
- Ship's Plans/Schematics
- Occupational Safety & Health Administration

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