

Charting the Future

We just take charts, particularly the traditional government paper versions, for granted. After all, they're always going to be there.

Maybe not, particularly in the case of charts that are produced by the U. S. Government for locations outside of U. S. waters. These charts could become unavailable in the very near future.

International charts are produced by the National Geospatial Intelligence Agency (NGA)—part of the Department of Defense. In many cases, they do not survey when creating a new chart; they, instead, will use local cartography. Up to the early nineties, cartography was shared freely. At that time a series of cross-licensing agreements were negotiated to allow sharing. Recently, however, a number of nations decided to terminate licensing altogether, because of security and copyright concerns. When the licenses are terminated, charts no longer can be produced except by the country that "owns" them, which means that:

1. International charts will be more expensive. While our charts are around \$19 each, British Admiralty, Australian, and New Zealand charts are closer to \$40 per copy.

2. Charts will be less readily available. While many chart agents offer foreign charts—including Waypoint—we don't keep as many in stock. Allow time for us to order them for you.

3. Charts on cartridge, CD, and chartbooks may become more expensive. Many that use the non-copyrighted U. S. charts as source may be required to purchase international versions.

We're watching the situation closely. You should, too.

Traditional Navigation Equipment



Astra IIIB Sextant

Astra

Never before has such a high quality metal sextant been available at such a low price. Highly-rated. *Deluxe* model features rectangular index mirror for added durability and brightness. Specify half (traditional) or whole horizon.

104638	Astra IIIB Deluxe (whole or half mirror)	\$510.95
104647	Practice Bubble Horizon	\$ 49.95

Starpilot Celestial Navigation Calculator

Global Marine

A handheld solution to ocean navigation that is more advanced than many computer programs. Includes all almanacs and publications in memory. PC version available.

114433	Starpilot Titanium Calculator	\$349.95
114431	Starpilot Software (PC-Compatible)	\$139.95

Elegant Navigation Set

Weems and Plath



Give your favorite navigator the perfect gift: an elegant mahogany case filled with the finest brass one-hand dividers, brass-armed parallel rules, and a lovely brass liquid-filled compass.

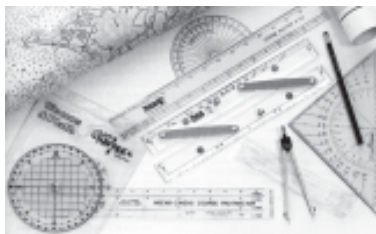
122001	Elegant Navigation Set	\$89.95
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ChartKit Plotting Board

Weems and Plath

Give your chart books a secure surface for navigating. Includes hardwood board, plotting arm with compass rose, plastic cover.

121888	ChartKit Plotting Board	\$ 89.95
127922	Erasable Marking Pens	\$ 6.95



Traditional Navigation Tools

Weems and Plath

Choose from the complete line of Weems and Plath Navigation Tools—preferred by professionals for more than 75 years. Here are some of our favorites:

122165	Primary Navigation Set	\$ 39.95
122099	NavPak	\$ 49.95
121777	24" Parallel Rulers	\$ 34.95
122145	18" Parallel Rulers	\$ 21.95
122144	15" Parallel Rulers	\$ 14.95
122141	12" Parallel Rulers	\$ 13.95
122170	Protractor Triangle with Handle	\$ 11.95
104646	Portland Chart Plotter	\$ 24.95
122280	Rolling Parallel Plotter	\$ 17.95
122231	Traditional Divider, Brass, 7"	\$ 23.95
122122	One-Hand Divider, Brass, 7"	\$ 29.95
122258	Ultralight Dividers/Compass	\$ 14.95

Visit our website at <http://www.waypoints.com> for complete descriptions and other equipment for cruisers.

ChartBook

Mariner's Ink

West Coast favorites are full-sized in full color

116365	<i>N. California, Pt. Sur to Oregon Border</i>	\$49.95
116367	<i>S. California, Pt. Sur to Ensenada</i>	\$39.95
116364	<i>W. Mexico-Panama Canal, Sea of Cortez</i>	\$99.95
116366	<i>Pacific Northwest, Oregon-Puget Sound</i>	\$99.95

ChartKit

Maptech

Ideal companions for electronic charts; include aerial photos

114995	<i>Canadian Border to Block Island</i>	\$109.95
115006	<i>New York to Nantucket to Cape May</i>	\$109.95
114997	<i>Chesapeake and Delaware Bays</i>	\$109.95
115007	<i>ICW: Norfolk to Jacksonville</i>	\$109.95
114999	<i>Florida E. Coast and Keys</i>	\$109.95
115000	<i>Florida W. Coast and the Keys</i>	\$109.95
115004	<i>Near Bahamas</i>	\$ 74.95
114996	<i>Central Bahamas</i>	\$ 74.95
114998	<i>Southeast Bahamas</i>	\$ 74.95
115010	<i>Dominican Republic-Spanish Virgin Islands</i>	\$ 74.95
115009	<i>California: San Francisco-Ensenada</i>	\$ 89.95
115001	<i>Lake Michigan</i>	\$ 44.95
115008	<i>Pac. Northwest, Puget Sound-Vancouver</i>	\$109.95

Caribbean Yachting Charts

Nautical Publications

Colorful, accurate passage and harbor chart packs include magnifier, guide to symbols, and waterproof case; CD-ROM version available

115011	<i>Virgin Islands, St. Thomas-Sombrero</i>	\$69.95
115002	<i>Leeward Islands, Anguilla-Antigua</i>	\$69.95
115003	<i>Leeward Islands, Guadeloupe-Martinique</i>	\$69.95
115012	<i>Windward Islands, St. Lucia-Grenada</i>	\$69.95

Great Lakes Chartbooks

Richardson's Publishing

Charts plus aerial photos and local knowledge

117838	<i>Lake Huron</i>	\$99.95
117840	<i>Lake Ontario</i>	\$84.95
117837	<i>Lake Erie</i>	\$89.95
117836	<i>Hudson River and Adjacent Waterways</i>	\$69.95
117841	<i>Lake Superior</i>	\$79.95
117839	<i>Lake Michigan</i>	\$69.95

Evergreen Pacific Northwest Chart Books

Evergreen Pacific Publishers

Local cruiser's favorites for U. S. and Canadian waters

118942	<i>Puget Sound-Queen Charlotte Strait</i>	\$49.95
118943	<i>Washington Waters</i>	\$26.95
118948	<i>Columbia, Snake, Willamette Rivers</i>	\$39.95
118945	<i>San Juan and Gulf Islands</i>	\$37.95

Marine Atlas

Bayless Enterprises

Charts plus tried-and-true routes, facility info, aerial photos

119851	<i>Olympia, WA-Malcolm Island, B. C.</i>	\$49.95
119852	<i>Port Hardy, B. C.-Skagway, AK</i>	\$49.95

Waypoint is your world chart source for NOAA, NGA, Canadian Hydrographic, British Admiralty, New Zealand, Australian, Imray, and a host of other private cartographers. Visit our website at <http://www.waypoints.com> to select charts or order catalogs. Voyage planning services are also available.

Keeping charts up-to-date can be a struggle, particularly when the new chart you've purchased needs correcting even before you'll use it the first time! NOAA's Print on Demand (POD) charts help solve part of your updating problems by providing a chart that is printed only when you need it, with all corrections made to date.

How does Print on Demand work? First, NOAA cartographers generate an electronic version of one of the thousands of charts for U. S. waters. They then update the electronic data with any corrections that are necessary, weekly. When a chart agent orders a chart, a full-sized paper version of the updated electronic file is printed.

POD charts look much like their traditional lithographed counterparts. Their colors are, however, brighter so they're easier to read. They're available in two finishes: water-resistant paper or laminated in matte plastic to be completely water and abrasion proof.

POD versions of most charts for U. S. waters are available. Select either the recreational version, which includes cruiser-friendly tidal, marina, and local data, or the commercial version that includes VTS and pilot contacts.

Finally, "print on demand" does mean "print on site". The printing technology required to produce a chart with sufficient accuracy for navigation, while expensive, is now available from a select group of chart agents. We're one of them. It takes around five minutes to produce a chart—fast, easy, always in stock, and always up to date.

Visit www.waypoints.com for POD selection. Order online for will-call pickup or call us with your order; we'll have your charts waiting!