

Weems & Plath®

Manufacturer of Fine Nautical Instruments



The Weems and Plath® Story

In May of 1919, eight years before Lindberg's famous solo flight, three small planes set out from Newfoundland headed for London in an attempt to make the first trans-Atlantic flight. Only one of them made it. Twenty-five hundred feet below on board a station tracking ship, a young navigator, Lt. Cdr. Philip Van Horn Weems, U.S. Navy, gazed up and thought there must be a safer and simpler way than using a small armada of ships as beacons for the flight.

For centuries, man had relied on the heavens, on the circling planets, and the constant horizon to guide him in his travels. An accurate clock, a compass, a sextant, and charts were the necessary tools for plotting a course, but these required time for computations and a place to spread out and study the charts. The timeworn system of celestial navigation was ill suited to the cockpit, but the airplane was here to stay. Lt. Cdr.

Weems, a brilliant, inventive, and determined young man knew as he tracked that first flight that navigation was his destiny, and he went on to revolutionize the field with his ideas, writings, and inventions.

The challenge he undertook was complex and involved the invention of new methods and new tools. It required a horizon system independent of the sea horizon that was often not visible from the cockpit of a plane. Weems worked for years to develop a new kind of sextant and to find someone to manufacture it. When an accurate timepiece was needed, Weems invented the Second Setting Watch with its inner rotating dial. He produced the famous Weems Plotter, the more precise and easier to use plotting tool which is still one of our most popular plotters (see page 37).

All his life Weems continued to improve the instruments and broaden the applications of his methods until they came to include radio astronomy, polar exploration, and even space navigation. He published numerous articles and taught navigation at the Naval Academy in the 1920's. He went on to establish his own school in Annapolis to teach The Weems System of Navigation. Charles Lindberg studied with Weems before attempting his trans-Atlantic flight. Admiral Byrd, a classmate of Weems at the Naval Academy, came to Weems for instruction before setting out for the North Pole, as did many others.

A century earlier, Carl Plath's company in Hamburg, Germany - C. Plath, had been manufacturing the finest commercial sextants and magnetic compasses available. C. Plath developed the first gyrocompass installed on a commercial vessel in 1913. Weems school for navigation had become the purveyor of Weems' instruments. It was a natural development for Weems' company to become the North American source for C. Plath's fine instruments; hence the alliance of two distinguished names - Weems and Plath. The exceptional workmanship that both Philip Van Horn Weems and Carl Plath required in developing the manufacturing of precision navigation tools remains at the heart of all our products today.



Carl Plath



Capt. Phillip Van Horn Weems

Today Weems & Plath is still located in the Chesapeake Bay town of Annapolis where it began so many years ago. We are committed to supplying the world with the finest nautical products available while maintaining the high standards of service that have distinguished Weems & Plath from its inception.

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*Dear Customer,
For over 75 years, we have taken great pride in building each of our
products with the goal of providing the highest quality possible. Every step
of this building process; from development to production is taken with
meticulous care. Our products are meant to be enjoyed for a lifetime, and it
is with confidence we offer a limited lifetime warranty on most. We also
strive to provide exceptional service and encourage you to let us know how
we are doing.*

*Fair Winds and Calm Seas,
Peter Trogdon
President*

TRADITIONAL 8-DAY WIND SHIP'S BELL CLOCKS

For many years, Weems & Plath® has been proud to build clocks using some of the finest movements in the world. Our 8-day wind ship's bell clocks are the most traditional clocks we build. The key-wound movement found in our new Anniversary™, Atlantis™, and Martinique™ Collections is the Hermle 8-day ship's bell. This 11-jewel movement is handcrafted in the Black Forest region of Germany, home to some of the finest clockmakers in the world. Because of our confidence in the quality of the movements made there, Weems & Plath® offers an unmatched lifetime warranty on all instruments we build using this movement.



Available in Anniversary, Atlantis, or Martinique (shown)

8-Day Wind Ship's Bell Clock

Traditional key wound, 11-jewel movement with bell silencer.

#100275 Anniversary 8-Day Wind Ship's Bell Clock

#200200 Atlantis 8-Day Wind Ship's Bell Clock

#190200 Martinique 8-Day Wind Ship's Bell Clock

ORIGIN OF THE SHIP'S BELL CLOCK

In addition to the German precision, Weems & Plath® clocks are also steeped in American Heritage because of the chime used, which is referred to as a "Ship's Bell". This system of chimes evolved from a crude sand clock dating back to the time of Columbus. This primitive clock was called a sand or sandglass clock and was an essential device for marking the time at sea.

Records of epic voyages tell us about this device and how the helmsman used it to measure time in half-hour increments. Watches or shifts were organized into increments of four hours; a custom that is still widely used. With the sandglass at his side, the helmsman would signal the passing of half-hour increments starting with the strike of one bell at the end of the first half hour, two at second and so on until reaching eight bells, which signaled the end of the watch.

The tradition of the sand clock continued for hundreds of years and was replaced only by the development of the mechanical clock. But, it was not until the 19th century that the first mechanical ship's bell clock was produced in America. The principle of this American innovation remains almost unchanged to this day.

The Ship's Bell Code

4:00	8:00	12:00	=	8 Bells
4:30	8:30	12:30	=	1 Bell
5:00	9:00	1:00	=	2 Bells
5:30	9:30	1:30	=	3 Bells
6:00	10:00	2:00	=	4 Bells
6:30	10:30	2:30	=	5 Bells
7:00	11:00	3:00	=	6 Bells
7:30	11:30	3:30	=	7 Bells
8:00	12:00	4:00	=	8 Bells

ANNIVERSARY™ COLLECTION

Dial: 5-1/4". Base: 7". Depth: 3-1/2".

Seventy-five years ago, Captain Philip Van Horn Weems (USNR) founded this Company with a single purpose in mind: to improve sea, air, and space navigation methods and safety. The precise measurement of time has been central to the progress of navigation throughout navigation history. To commemorate the 75 years of rich heritage of Weems & Plath® that is closely linked to this man who strove to perfect the field of navigation, we are pleased to offer our elegant Anniversary Collection of ship's clocks and barometers.

Each piece in this series is created from solid, forged brass that is hand polished and lacquered. The collection includes the finest German movements, dials, hands, and components available in the world. The distinctive dial of each instrument is intricately etched to create a subtle but rich pattern.

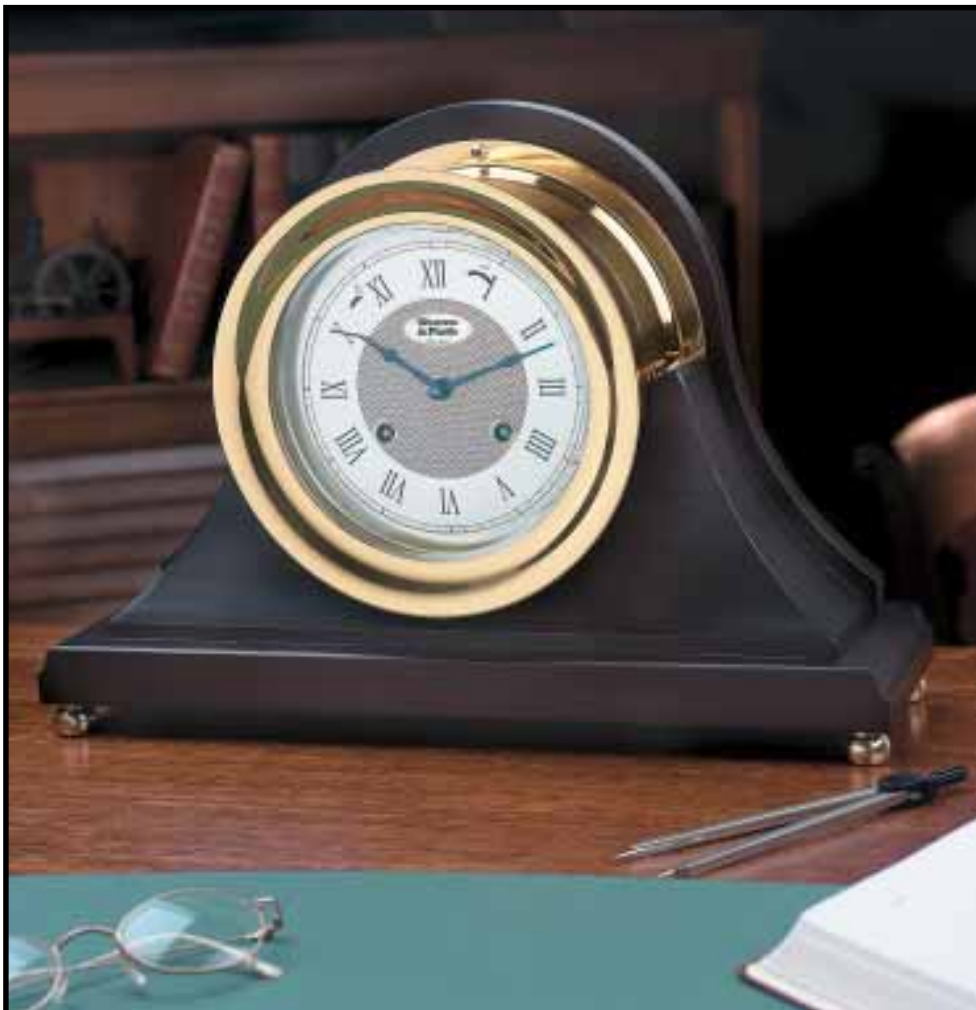
Each instrument is labeled with a unique serial number and is provided with complete instructions, mounting hardware, and a fresh battery as required.



Barometer

The Anniversary Barometer houses a highly reliable and accurate double diaphragm German aneroid movement that is visible through the open dial. It displays both of the barometric scales; inches of mercury and millibars. The movement is temperature compensated and calibrated for altitudes up to 3500 feet above sea level. Wt. 7 lbs 2.5 oz.

100775 Anniversary Barometer



8-Day Wind Ship's Bell Clock 🚩

This robust clock resonates with the rich sound of the traditional ship's 8-bell cycle, ringing every half hour. It is key wound, with our handcrafted German Hermle 11-jewel movement and bell silencer. Wt. 8lbs 2 oz.

100275 Anniversary 8-Day Wind Ship's Bell Clock

KEY Replacement Key for 8-Day Wind Clock

Anniversary Wood Base

Mahogany finish base with round brass feet. A special design feature allows the ship's bell chime to resonate from the clock so the sound is heard clearly. The keyhole in the rear provides convenient storage for 8-day wind key. Dims: 22" x 6" x 10". Wt: 5 lbs. 2 oz.

107B Anniversary Wood Base

Quartz Ship's Bell Clock 🚩

This clock houses our best German quartz ship's bell movement featuring the traditional 8-bell cycle, ringing every half hour. It uses one AA battery and includes a bell silencer switch. Wt. 6 lbs 14 oz.

100175 Anniversary Quartz Ship's Bell Clock

ATLANTISTM COLLECTION

Each instrument is created from solid, forged brass, hand polished and flawlessly lacquered. The screw bezel adds the classic nautical look. Provided with complete instructions, mounting hardware, and a fresh battery as required. All instruments carry a limited lifetime warranty.

Dial: 4". Base: 5-1/2". Depth: 2-7/8".



CHROME ATLANTIS™ COLLECTION

Dial: 4". Base: 5-1/2". Depth: 2-7/8".



221000
with 101B

220100
220500
with 100B

220300
with 102B

220700
with 102B

Quartz Ship's Bell Clock 🛥

Features traditional ship's 8-bell cycle, ringing every half hour. Complete with bell silencer switch. AA battery included. Wt. 3 lbs. 7 oz.

- 200100 Atlantis Quartz Ship's Bell Clock
- 200101 Atlantis Premiere Quartz Ship's Bell Clock, Midnight Black Dial
- 220100 Chrome Atlantis Quartz Ship's Bell Clock

8-Day Wind Ship's Bell Clock 🛥

Traditional key wound, 11-jewel movement with bell silencer. Wt. 3 lbs. 9 oz.

- 200200 Atlantis 8-Day Wind Ship's Bell Clock
- KEY Replacement Key for 8-Day Wind Clock

Time & Tide Clock

Combination quartz and tide clock movement which averages the Atlantic lunar tide cycle. The tide sector is calibrated for the east coast of the United States. Uses a AA battery. (Note: The clock will work for other tidal bodies of water but will need to be re-set more frequently.) Wt. 3 lbs. 3 oz.

- 200300 Atlantis Time & Tide Clock
- 220300 Chrome Atlantis Time & Tide Clock

Quartz Clock

AA battery operated, precision German movement. Wt. 3 lbs. 6 oz.

- 200500 Atlantis Quartz Clock
- 200501 Atlantis Premiere Quartz Clock, Midnight Black Dial
- 220500 Chrome Atlantis Quartz Clock

Barometer

Temperature compensated, aneroid movement. Fully adjustable. Inch and millibar scales. Our standard barometer movements are calibrated for altitudes to 3,500' above sea level. Movements for altitudes from 3,500' to 7,000' are available by special order for an additional charge. Wt. 3 lbs. 3 oz.

- 200700 Atlantis Barometer
- 200701 Atlantis Premiere Barometer, Midnight Black Dial
- 220700 Chrome Atlantis Barometer

Barometer/Thermometer

Temperature compensated, aneroid barometer movement. Fully adjustable. Inch and millibar scales. Our standard barometer movements are calibrated for altitudes to 3,500' above sea level. Movements for altitudes from 3,500' to 7,000' are available by special order for an additional charge. Thermometer has both °F and °C scales, with markings every 2° from 32° to 122°F. Wt. 3 lbs. 3 oz. 0

- 201000 Atlantis Barometer/Thermometer
- 221000 Chrome Atlantis Barometer/Thermometer

Thermometer

Dial-type thermometer has both °F and °C scales, with markings every 2° from -8° to 130°F. Pre-adjusted in temperature-controlled environment. Wt. 3 lbs. 3 oz.

- 201200 Atlantis Thermometer (not shown)
- 221200 Chrome Atlantis Thermometer (not shown)

High Sensitivity Barometer

This unit houses a special patented double-capsule movement that is factory certified to be accurate to within 0.2% of real pressure. More noteworthy is that the scale range has changed from the traditional scale of 27.5" to 31.5" Hg to an expanded scale of 28.5" to 30.5" Hg. This exaggerates the needle movement, making a small change in pressure much more noticeable. The barometer movement is calibrated for altitudes to 1500' above sea level. Wt. 3 lbs. 3 oz.

- 201800 Atlantis High Sensitivity Barometer (not shown)
- 221800 Chrome Atlantis High Sensitivity Barometer (not shown)

Single Mahogany Finish Base with Back Panel

Dims: 4" x 9-1/2" x 7-1/2". Wt. 2 lbs.

- 100B Single Mahogany Finish Base w/Back Panel

Single Mahogany Finish Base

Dims: 4" x 9-1/2". Wt. 1 lb. 5 oz.

- 101B Single Mahogany Finish Base

Double Mahogany Finish Base

Dims: 4" x 18". Wt. 2 lbs. 13 oz.

- 102B Double Mahogany Finish Base

Mahogany Finish Book End

Dims: 4" x 8-3/4". Wt. 1 lb. 14 oz. Sold individually.

- 135 Mahogany Finish Book End (not shown)

MARTINIQUE™ COLLECTION

Dial: 4". Base: 5-1/2". Depth: 2-3/4".

The hinged bezel case is constructed of solid, forged brass with a coat of lacquer to ensure a lasting shine. Provided with complete instructions, mounting hardware, and a fresh battery as required. All instruments carry a limited lifetime warranty.



190300
with 135

191000
with 135

190200 ▲
with 100B

190700
with 102B

190105 ▲
190505
with 101B

190100 ▲
with 102B

Quartz Ship's Bell Clock ▲

Features traditional ship's 8-bell cycle, ringing every half hour. Complete with bell silencer switch. AA battery included. Wt. 3 lbs. 10 oz.

- 190100 Martinique Quartz Ship's Bell Clock
- 190105 Martinique Flag Quartz Ship's Bell Clock, White Dial with Color Flags

8-Day Wind Ship's Bell Clock ▲

Traditional key wound, 11-jewel movement with bell silencer. Wt. 3 lbs. 9 oz.

- 190200 Martinique 8-Day Wind Ship's Bell Clock

KEY Replacement Key for 8-Day Wind Clock

Time & Tide Clock

Combination quartz and tide clock movement which averages the Atlantic lunar tide cycle. The tide sector is calibrated for the east coast of the United States. Uses a AA battery. (Note: The clock will work for other tidal bodies of water but will need to be re-set more frequently.) Wt. 3 lbs. 3 oz.

- 190300 Martinique Time & Tide Clock

Quartz Clock

AA battery operated, precision German movement. Wt. 3 lbs. 6 oz.

- 190500 Martinique Quartz Clock
- 190505 Martinique Flag Quartz Clock, White Dial with Color Flags

High Sensitivity Barometer

This unit houses a special patented double capsule movement that is factory certified to be accurate to within 0.2% of real pressure. More noteworthy is that the scale range has changed from the traditional scale of 27.5" to 31.5" Hg to an expanded scale of 28.5" to 30.5" Hg. This exaggerates the needle movement, making a small change in pressure much more noticeable. The barometer movement is calibrated for altitudes to 1500' above sea level. Wt. 3lbs. 3 oz.

- 191800 Martinique Hi-Sensitivity Barometer (not shown)

Barometer

Temperature compensated, aneroid movement. Fully adjustable. Inch and millibar scales. Our standard barometer movements are calibrated for altitudes to 3,500' above sea level. Movements for altitudes from 3,500' to 7,000' are available by special order for an additional charge. Wt. 3 lbs. 3 oz.

- 190700 Martinique Barometer

Thermometer

Dial-type thermometer has both °F and °C scales, with markings every 2° from -8° to 130°F. Pre-adjusted in temperature-controlled environment. Wt. 3 lbs. 3 oz.

- 191200 Martinique Thermometer

Barometer/Thermometer

Temperature compensated, aneroid barometer movement. Fully adjustable. Inch and millibar scales. Our standard barometer movements are calibrated for altitudes to 3,500' above sea level. Movements for altitudes from 3,500' to 7,000' are available by special order for an additional charge. Thermometer has both °F and °C scales, with markings every 2° from 32° to 122°F. Wt. 3 lbs. 3 oz.

- 191000 Martinique Barometer/Thermometer

Single Mahogany Finish Base with Back Panel

Dims: 4" x 9-1/2" x 7-1/2". Wt. 2 lbs.

- 100B Single Mahogany Finish Base w/Back Panel

Single Mahogany Finish Base

Dims: 4" x 9-1/2". Wt. 1 lb. 5 oz.

- 101B Single Mahogany Finish Base

Double Mahogany Finish Base

Dims: 4" x 18". Wt. 2 lbs. 13 oz.

- 102B Double Mahogany Finish Base

Mahogany Finish Book End

Dims: 4" x 8-3/4". Wt. 1 lb. 14 oz. Sold individually.

- 135 Mahogany Finish Book End

The forged brass case is polished and lacquered to resist tarnishing. The screw bezel allows easy access to the components for adjustment. Provided with complete instructions, mounting hardware, and a fresh battery as required. All instruments carry a limited lifetime warranty.

ORION™ COLLECTION

Dial: 3-1/4". Base: 4-3/4". Depth: 2-5/8".

500100 ▲
500500



400100 ▲
400500



151 (see below)



105B (see below)

400700



500700



Quartz Ship's Bell Clock ▲

Features traditional ship's 8-bell cycle, ringing every half hour. Complete with bell silencer switch. AA battery included. Wt. 1 lb. 10 oz.

- 400100 Orion Quartz Ship's Bell Clock
- 400120 Photo-luminescent Orion Quartz Ship's Bell Clock
- 500100 Orion Ship's Wheel Quartz Ship's Bell Clock

Quartz Clock

AA battery operated, precision movement. Wt. 1 lb. 5 oz.

- 400500 Orion Quartz Clock
- 500500 Orion Ship's Wheel Quartz Clock

Barometer

Temperature compensated, aneroid movement. Fully adjustable. Inch and millibar scales. Our standard barometer movements are calibrated for altitudes to 3,500' above sea level. Wt. 1 lb. 7 oz.

- 400700 Orion Barometer
- 400720 Photo-luminescent Orion Barometer
- 500700 Orion Ship's Wheel Barometer

Ship's Wheel Mahogany Finish Base

Dims: 4" x 9-1/2". Wt. 1 lb. 6 oz.

- 105B Ship's Wheel Mahogany Finish Base

Single Mahogany Finish Base

Dims: 4" x 9-1/2". Wt. 1 lb. 2 oz.

- 151 Single Mahogany Finish Base

PHOTO-LUMINESCENT DIAL

These two instruments are part of the Orion Collection, but offer the elegance of a black dial in the daytime and the benefit of superior nighttime photo-luminescent visibility.



GLOWS IN THE DARK

ADMIRAL™ COLLECTION

Dial: 6". Base: 7-1/2". Depth: 2-5/8".

Forged brass, polished and lacquered. Each instrument is provided with complete instructions, mounting hardware, lifetime warranty, and a fresh battery as required.



290500

290700

Quartz Clock

AA battery operated, precision movement. Wt. 4 lb.
290500 Admiral Quartz Clock

Barometer

Aneroid movement. Fully adjustable. Inch and millibar scales. Barometer movements are calibrated for altitudes to 1,500' above sea level. Wt. 4 lb. 5 oz.
290700 Admiral Barometer

NAUTILUS™ COLLECTION

Dial: 3-3/4". Base: 5-7/8". Depth: 2-1/2".

This state-of-the-art collection is waterproof and functions extremely well in the punishing saltwater environment. The low glare, satin black case of each precision instrument is constructed of solid aluminum that is color anodized and sealed so that the finish will not peel, bubble, or tarnish. The glass crystal sits in a double O-ring seat for vibration, impact, and thermal expansion protection. The anodized aluminum dial is laser engraved. The durable moveable markers are made of U.V. stabilized polycarbonate outside the crystal for marking time or pressure. All fasteners are stainless steel.

Both the clock and barometer can be purchased with or without the optional incorporated fluid dampened inclinometer. To calibrate the movement in either the clock or barometer, twist the case 1/8 turn to remove the case and leave the back plate on the bulkhead. This feature is also convenient should you want to remove your instruments for storage or anti-theft reasons. Wt. 1.1 lbs.



Quartz Clock

The clock contains a precision quartz movement which is accurate to +/- 15 seconds a month and is waterproof to a depth of 100 feet! One AA battery is included.

160515 Nautilus Waterproof Quartz Clock
162215 Nautilus Waterproof Quartz Clock w/
Inclinometer

High Sensitivity Barometer

Hydrophobic filter allows air to pass yet resists water. The filter will easily stop the entrance of water due to continuous spray and because of its unique construction, it is waterproof to a depth of 3 feet for 30 minutes. It includes a patented "high sensitiv" all metal aneroid movement and has an expanded scale so that the needle noticeably moves as weather conditions change. The scale ranges from 28.5" to 31.5" Hg. It also can be read in millibars.

161815 Nautilus Barometer
163015 Nautilus Barometer w/ Inclinometer



CATALINA™ COLLECTION

Dial: 2-3/8". Base: 3-1/2". Depth: 1-3/4".

Precision German movements housed in solid forged brass cases with a lacquered finish. All of the instruments in the Catalina™ Collection have a screw bezel for easy access.

Provided with complete instructions, mounting hardware, lifetime warranty, and a fresh battery as required.

Quartz Clock

AA battery operated, precision German movement. Wt. 13 oz.

- 300500 Catalina Quartz Clock
- 330500 Chrome Catalina Quartz Clock

Barometer

Aneroid German movement. Fully adjustable. Inch and millibar scales. Barometer movements are calibrated for altitudes to 3,500' above sea level. Wt. 13 oz.

- 300700 Catalina Barometer
- 330700 Chrome Catalina Barometer

Catalina Wood Base

Dims: 6.75" x 2-1/8" x 5-1/8". Wt. 9 oz.

- 108B Catalina Base



Executive Black Finish Double Base

Dims: 4" x 9-1/2". Wt. 1 lb. 2 oz.

- 402B Executive Black Finish Double Base

CUTTER™ COLLECTION

Dial: 3-1/8". Base: 4-5/8". Depth: 1-3/8".

The movements are housed in forged brass, hinged bezel cases that allow easy access to the movement.

Provided with complete instructions, mounting hardware, lifetime warranty, and a fresh battery as required.

Quartz Clock

AA battery operated, precision movement. Wt. 1 lb. 10 oz.

- 210500 Cutter Quartz Clock

Barometer

Aneroid movement. Fully adjustable. Inch and millibar scales. Barometer movements are calibrated for altitudes to 3,500' above sea level. Wt. 1 lb. 10 oz.

- 210700 Cutter Barometer



CUTTER™ PLAQUE

Dial: 3-1/8".

Plaque: 5-1/2" x 12-1/4".

The Cutter™ Plaque features a porthole front opening bezel mounted on a solid wood mahogany finish presentation plaque.

Clock and Barometer

AA battery operated, precision quartz clock movement. Aneroid barometer movement. Fully adjustable. Inch and millibar scales. Barometer movements are calibrated for altitudes to 3,500' above sea level. Wt. 3 lbs. 2 oz.

- 210800 The Cutter Plaque



PORTHOLE™ COLLECTION

Dial: 6-1/8". Base: 9-7/8". Depth: 3".

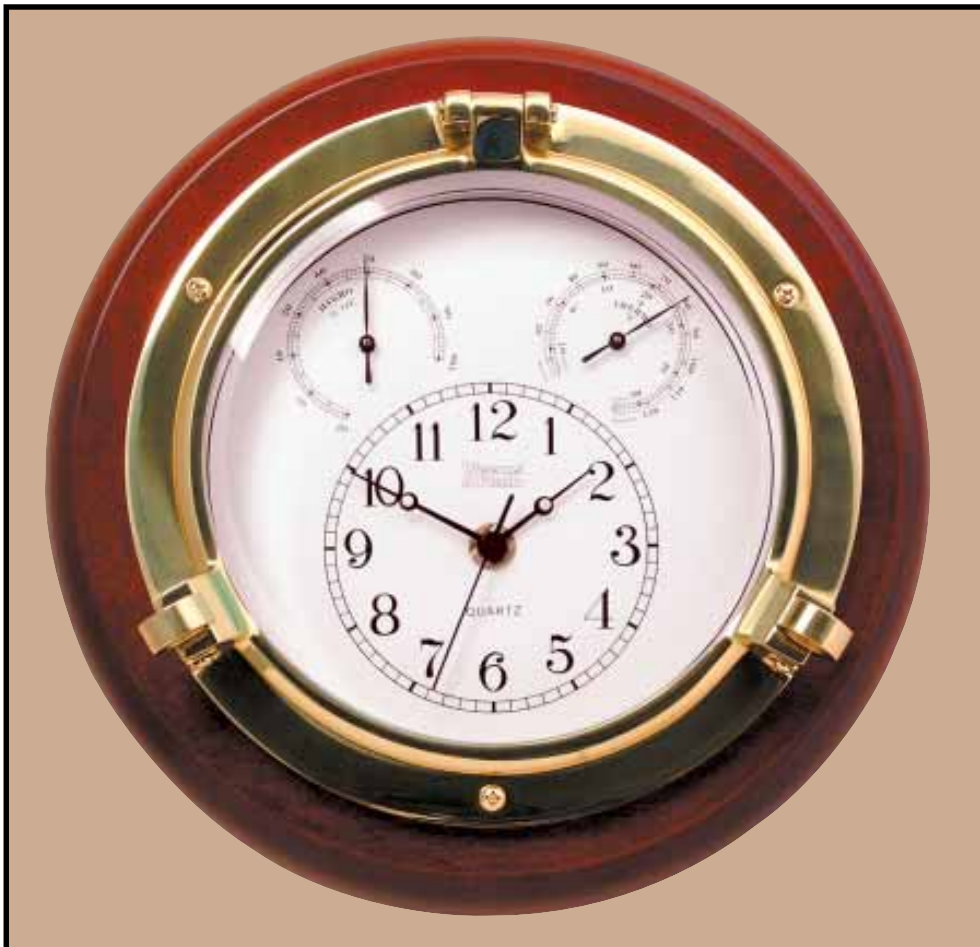
Porthole™ Radio Control Clock

This Porthole Clock combines the Radio Control Clock with a solid brass porthole and mahogany finished frame. All brass is hand polished and lacquered. Beautiful yet extremely accurate.

To set up, insert a AA battery, select your time zone with the clearly marked knob, and then hang it on the wall. The clock will automatically set itself to the exact time.

Provided with complete instructions, mounting hardware, lifetime warranty, and a fresh battery. Wt. 3 lbs. 15 oz.

312000 Porthole Radio Control Clock



Porthole™ Clock/Thermometer/Hygrometer

This three-in-one instrument features a clock with second hand, as well as a hygrometer, and thermometer. A forged porthole-style brass ring holding a thick beveled crystal is mounted to a mahogany finished case. The battery operated precision quartz movement is easily accessible from the rear of the clock.

AA battery operated, precision movement. Thermometer reads in Fahrenheit and Celsius. Hygrometer shows percentage of humidity in the air. Wt. 3 lb. 15 oz.

**313100 Porthole
Clock/Thermometer/Hygrometer**

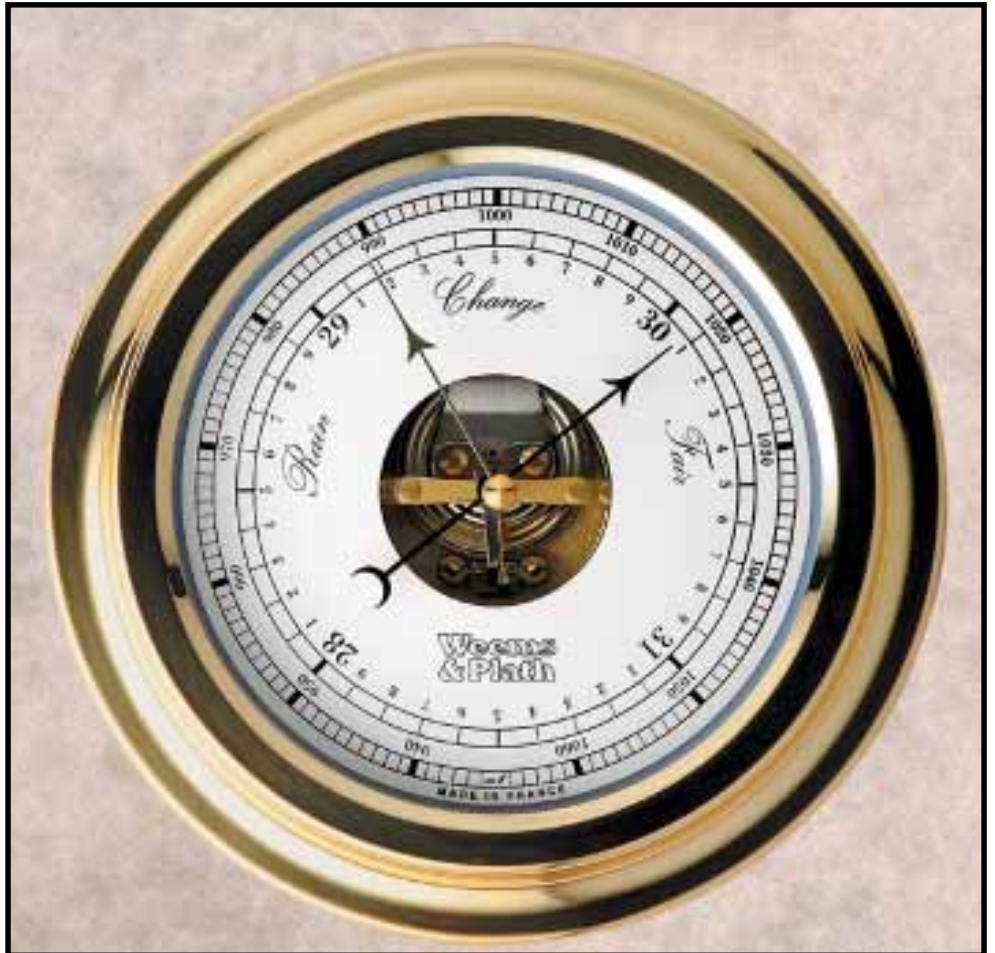
WWVB COLLECTION

Dial: 6-1/8". Base: 8-13/16". Depth: 1-7/8".

Time is precisely controlled in the United States by the most accurate clock in North America, the atomic clock of the US National Institute of Standards and Technology, Time and Frequency Division in Boulder, Colorado.

A team of atomic physicists continually measures every second of every day to an accuracy of ten billionths of a second per day. These physicists have created an international standard, measuring a second as 9,192,631,770 vibrations of a cesium 133 atom in a vacuum. This clock receives a signal from the WWVB radio transmitter located in Fort Collins, Colorado, where the exact time signal is continuously broadcast throughout the United States at 60 kHz to take advantage of stable longwave radio paths found in that frequency range.

The built-in antenna system in this clock will receive the WWVB signal anywhere in North America where long-wave reception is undisturbed. A microprocessor activates the receiver and processes the time signal from Fort Collins overnight. Even adjustment for daylight savings time and leap second are automatic.



Brass WWVB Clock

Polished brass, lacquered case. To set up your Weems & Plath® Radio Control Clock, insert a AA battery, select your time zone with the clearly marked knob, and then hang it on the wall. The clock will then set itself to the exact time.

Provided with complete instructions, mounting hardware, lifetime warranty, and a fresh battery. Wt. 19.4 oz.

552000 Brass WWVB Clock

WWVB Barometer

Open dial housed in a polished brass case, lacquered to keep its shine. Wt. 20 oz.

550700 WWVB Barometer

BLUEWATER™ COLLECTION

Dial: 3-3/4". Base: 5-1/2". Depth: 2-7/8".

Features a precision molded high impact black styrene case with hinged, glare resistant matte finish bezels and glass crystal. A knurled brass locking lug is solidly constructed, making movement and battery easily accessible. The splash resistant case is not susceptible to corrosion and requires little maintenance.

Special Features Include: splash resistant "O" ring seal, easy access hinged bezel, corrosion proof case, scratch resistant glass crystal, and secure battery clip for open ocean security. Provided with complete instructions, mounting hardware, lifetime warranty, and a fresh battery as required.



Quartz Clock

AA battery operated precision movement. Wt. 10 oz.
150500 Bluewater Quartz Clock

Quartz Time & Tide Clock

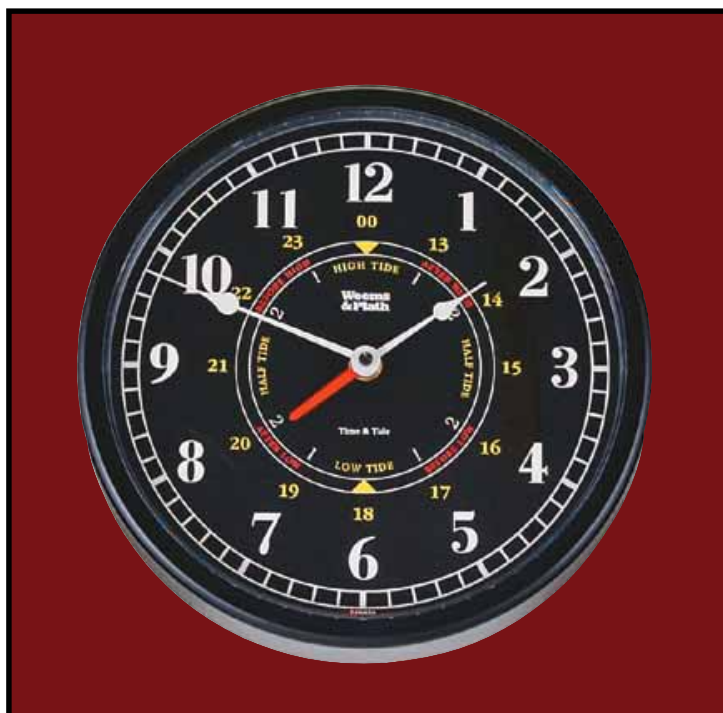
Combination quartz and tide clock movement which averages the lunar tide cycle. The tide sector is calibrated for the east coast of the United States. Uses a AA battery. (Note: The clock will work for other tidal bodies of water but will need to be re-set more frequently.) Wt. 11 oz.
150300 Bluewater Quartz Time & Tide Clock

Barometer

Temperature compensated, aneroid movement. Fully adjustable. Inch and millibar scales. Our standard barometer movements are calibrated for altitudes to 1,500' above sea level. Wt. 10 oz.
150700 Bluewater Barometer

Thermometer

Dial-type thermometer has both °F and °C scales, with markings every 2° from -10° to 130°F. Pre-adjusted in temperature-controlled environment. Wt. 12.5 oz.
151200 Bluewater Thermometer



TRIDENT® TIME & TIDE

Dial: 10-1/4". Base: 10-1/2". Depth: 2-3/4".

The combination quartz clock and tide clock movements are AA battery operated. The tide sector is calibrated for the east coast of the United States and averages the Atlantic lunar tide cycle. (Note: The clock will work for other tidal bodies of water but will need to be re-set more frequently.) Wt. 1 lb. 1 oz.

Trident Time & Tide Clock, Black Dial

This traditional Time & Tide Clock has a black dial with easy to read bold white lettering. It is housed in a black case with acrylic crystal.
440315 Trident® Time & Tide Clock, Black Dial

SOUTH BEACH™ COLLECTION

Dial: 3-3/8". Base: 5". Depth: 1-1/8".

This fresh new look will be in style for years to come. The brushed stainless steel case is maintenance free.

Provided with complete instructions, mounting hardware, lifetime warranty, and a fresh battery as required.

Quartz Clock

AA battery operated, precision movement. Wt. 8.5 oz.

360500 South Beach Quartz Clock

Barometer

Aneroid movement. Fully adjustable. Inch and millibar scales. Barometer movements are calibrated for altitudes to 1,500' above sea level. Wt. 9.2 oz.

360700 South Beach Barometer



Background photo courtesy of The Colony Hotel, Miami Beach, Florida. See page 1 for reservation information.

NIGHT WATCH™ COLLECTION

Dial: 3-1/2". Base: 4-1/2". Depth: 1-1/4".

Photo-luminescent dials combined with corrosion resistant, black epoxy coated aluminum cases. The B/T/H combination instrument gives the user three essential elements in the weather equation: air pressure, air temperature, and relative humidity.

Provided with complete instructions, mounting hardware, lifetime warranty, and a fresh battery as required.

Quartz Clock

N battery operated, precision movement. Wt. 5.2 oz.

240513 Night Watch Quartz Clock

Barometer/Thermometer/Hygrometer

Aneroid movement. Fully adjustable barometer movement with inch and millibar scales. Barometer movements are calibrated for altitudes to 1,500' above sea level. Thermometer and hygrometer are pre-adjusted in a temperature-controlled environment. Wt. 5.6 oz.

241413 Night Watch Barometer/Thermometer/Hygrometer

Tide Clock

The clock has a second hand to ensure proper movement, plus a tide indicator hand which is calibrated to the Atlantic lunar tide cycle. (Note: The clock will work for other tidal bodies of water but will need to be re-set more frequently.) It uses a AA battery (included). Wt. 5.2 oz.

240413 Night Watch Tide Clock

PHOTO-LUMINESCENT DIALS!

GLOWS IN THE DARK

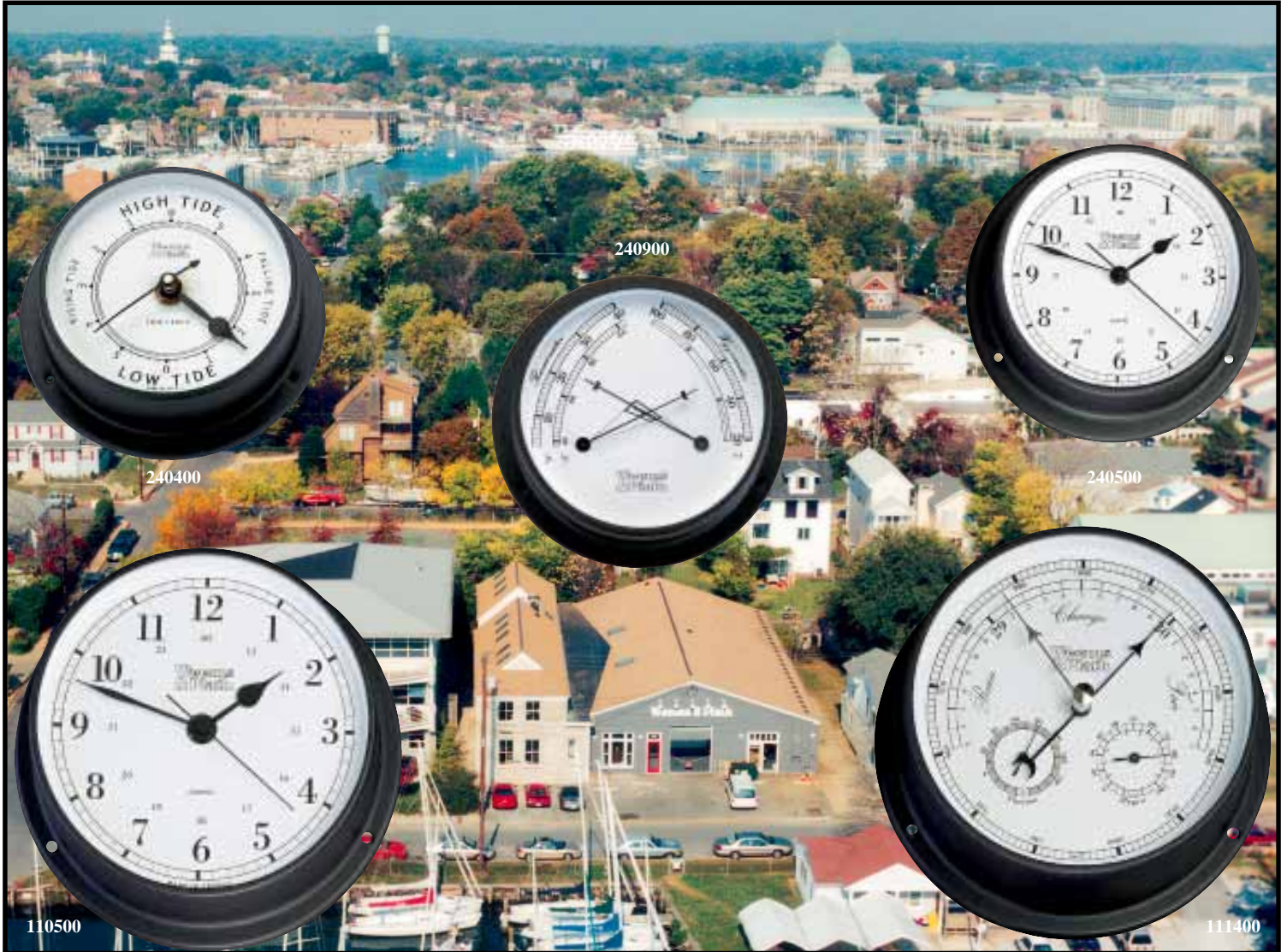


EASTPORT™ COLLECTION

Large - Dial: 4-3/4". Base: 5-7/8". Depth: 1-1/2".

Small - Dial: 3-1/2". Base: 4-1/2". Depth: 1-1/4".

Constructed of corrosion resistant aluminum, then coated with a long lasting rugged black epoxy finish. Provided with complete instructions, mounting hardware, lifetime warranty, and a fresh battery as required.



Quartz Clock

Battery operated, precision movement (large: uses size AA, small: uses size N) with 12 and 24 hour dial. Large: Wt. 9.6 oz. Small: Wt. 5.2 oz.

110500 Eastport Quartz Clock, Large

240500 Eastport Quartz Clock, Small

Comfortmeter

The thermometer displays temperature in both Fahrenheit and Celsius on the left scale, and the hygrometer shows % of relative humidity on the right. Small: Wt. 5.2 oz.

240900 Eastport Comfortmeter, Small

Tide Clock

This clock has a second hand to ensure proper movement, plus a tide indicator hand which is calibrated to the Atlantic lunar tide cycle. (Note: The clock will work for other tidal bodies of water but will need to be re-set more frequently.) It uses a AA battery (included). Large: Wt. 9.6 oz. Small: Wt. 5.2 oz.

110400 Eastport Tide Clock, Large (not shown)

240400 Eastport Tide Clock, Small

Barometer/Thermometer/Hygrometer

Aneroid movement. Fully adjustable barometer movement with inch and millibar scales. Barometer movements are calibrated for altitudes to 1,500' above sea level. Thermometer and hygrometer are pre-adjusted in a temperature-controlled environment. Large: Wt. 10.2 oz. Small: Wt. 5.6 oz.

111400 Eastport Barometer/Thermometer/Hygrometer, Large

241400 Eastport Barometer/Thermometer/Hygrometer, Small (not shown)

Contemporary Base (see inset on page 17)

For all Eastport™ and Westport™ Series. Dims: 7.5"(h)x6.75"(w)x2.75"(d). Wt. 21 oz.

106B Westport Contemporary Base

WESTPORT™ COLLECTION

Large - Dial: 4-3/4". Base: 5-7/8". Depth: 1-1/2".

Small - Dial: 3-1/2". Base: 4-1/2". Depth: 1-1/4".

Polished brass, finished with a protective lacquer coating. Provided with complete instructions, mounting hardware, lifetime warranty, and a fresh battery as required.



Quartz Clock

Battery operated, precision movement (large: uses size AA, small: uses size N) with 12 and 24 hour dial. Large: Wt. 12 oz. Small: Wt. 6.5 oz.

460500 Westport Quartz Clock, Large (*not shown*)

620500 Westport Quartz Clock, Small

High Sensitivity Barometer

This is a double capsule expanded scale barometer with greater sensitivity and accuracy than any traditional marine barometer currently available. The scale ranges from 28.5" to 30.5" instead of the traditional scale of 27.5" to 31.5" in Hg. A numbered certificate of accuracy is included. The movement is calibrated for altitudes to 1,500' above sea level. Large: Wt. 14 oz.

461800 Westport High Sensitivity Barometer, Large

Barometer/Thermometer/Hygrometer

Aneroid movement. Fully adjustable barometer movement with inch and millibar scales. Barometer movements are calibrated for altitudes to 1,500' above sea level. Thermometer and hygrometer are pre-adjusted in a temperature-controlled environment. Large: Wt. 10.2 oz. Small: Wt. 5.6 oz.

461400 Westport Barometer/Thermometer/Hygrometer, Large

621400 Westport Barometer/Thermometer/Hygrometer, Small (*not shown*)

Comfortmeter

The thermometer displays temperature in both Fahrenheit and Celsius on the left scale, and the hygrometer shows % of relative humidity on the right. Small: Wt. 6.5 oz.

620900 Westport Comfortmeter, Small

Tide Clock

This clock has a second hand to ensure proper movement, plus a tide indicator hand which is calibrated to the Atlantic lunar tide cycle. (Note: The clock will work for other tidal bodies of water but will need to be re-set more frequently.) It uses a AA battery (included). Large: Wt. 12 oz. Small: Wt. 6.5 oz.

460400 Westport Tide Clock, Large

620400 Westport Tide Clock, Small (*not shown*)

Contemporary Base (see inset)

For all Eastport™ and Westport™ Series. Dims: 7.5"(h)x6.75"(w)x2.75"(d). Wt.: 21 oz. Brass plate not included (due to different size requirements), contact us for availability.

106B Westport Contemporary Base

STEAMBOAT™ COLLECTION

Dial: 5-1/2". Base: 8". Depth: 3-1/2".

The first recognized practical use of steam power in America for water transportation was Robert Fulton's Clermont on the Hudson River in 1807. By 1813, the first steamboats appeared on the Chesapeake. The Weems Steamboat Company of Baltimore City was founded in 1819 by Mr. George Weems, great uncle of Weems & Plath® founder Captain Philip Van Horn Weems. Soon Mr. Weems was sending boats several times a week between the Patuxent River and the Port of Baltimore making several stops along the way to well-known ports such as Annapolis. From George Weems' first steamboat, Surprise, to the majestic side-wheelers, Wenonah and St. Mary's, the Weems steamboats plied the waters until 1905 when the company's interests were sold to the Maryland, Delaware, and Virginia Railroad Company, a subsidiary of the Pennsylvania Railroad.

Provided with instructions, lifetime warranty, and a fresh battery as required.



Steamboat Clock

Quartz movement for convenience and accuracy. The AA battery can be easily replaced from the rear of the case. The hinged porthole-style case is solid brass with a lacquered antique finish.

Wt. 3 lbs. 8 oz.

280522 Steamboat Quartz Clock

Steamboat Barometer

The workings of the aneroid barometer movement are visible, and the antique brass case that houses it is hinged so that the movement is accessible from the front. Wt. 3 lbs. 8 oz..

280722 Steamboat Barometer



Contemporary Wall Barometer

The barometer incorporates an open dial, patented "Hi-sensitiv" movement that is more sensitive and accurate than most other barometers. The scale range has changed from the traditional 27.5" to 31.5" Hg to an expanded scale of 28.5" to 31.2" Hg. The movement is calibrated for altitudes to 1,500' above sea level. It has a cherry finish and either a polished lacquered brass or brushed stainless steel trim. Dims: Base: 6" diameter. Dial: 4" diameter. Depth: 1 3/4". Wt. 1 lb. 6 oz.

350700 Contemporary Wall Barometer, cherry with brass trim

650700 Contemporary Wall Barometer, cherry with brushed stainless trim

*These plaques can be mounted either vertically or horizontally.
Mahogany finish pieces have a fine lacquer finish.*



Large Plaque #AW-400
For two instruments with bases to 6-1/2" in diameter.
Dims: 22-3/4" x 10-1/2". Wt. 4 lbs. 10 oz.



Citation Plaque #AW-307
For two instruments with bases to 6-1/2" in diameter. Dims:
11" x 18". Wt. 2 lbs. 15 oz. USNA insignia not included.



Round Plaque #502
For one instrument with base to 5-3/4" in diameter. Dims:
7" diameter. Wt. 13 oz.



Small Teak Plaque #401B
For two instruments with base dimensions up to 5" in
diameter. Dims: 11 13/16" x 6" x 1" deep. Wt. 1 lb. 6 oz.



Large Teak Plaque #501B
For two instruments with base to 6" in diameter. Dims: 14
1/8" x 7 3/8" x 1" deep. Wt. 2 lbs. 2 oz.



790500



602400



662114



Solaris Desk Clock

Polished brass and lacquered gimbaled quartz clock swivels for any viewing angle and can be locked in place. Stands on three brass legs. Beveled glass crystal below clock can be etched for personalization. Brass plate for engraving and an "N" battery included. Dims: 4.624" x 5.25" x 5.25". Wt: 3 lbs. 11 oz.

790500 Solaris Desk Clock

Schooner™ Gimbal Quartz Clock

The entire instrument is made of forged brass that has been hand polished and coated with lacquer. It swivels horizontally and vertically in the gimbal for adjustment to any viewing angle.

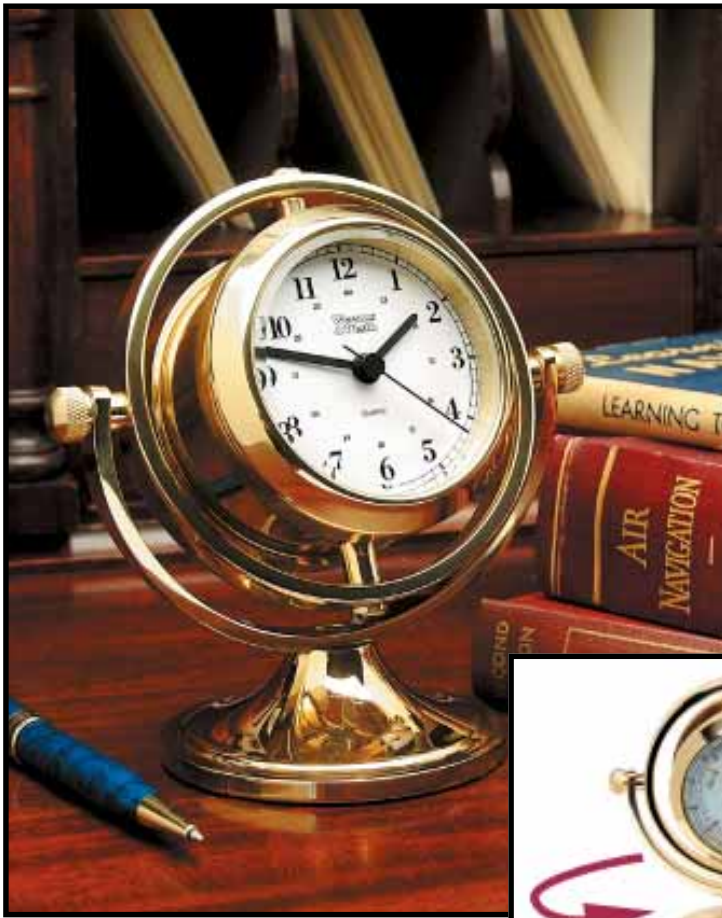
The screw bezels on each side of the instrument allow easy access to the precision clock movement for battery replacement. AA battery is included. Overall dims: 8" (h) x 7" (w). Base Diameter: 4-1/2". Dial 3.5". Base 7"(h) x 3"(d). Wt. 4 lbs. 9.5 oz.

602400 The Schooner Gimbal Quartz Clock

The World Time Clock

We have taken this forged brass, hinged bezel case, with a beveled crystal and mounted it to our #106B solid wood base. The hands show the time at your location in the center of the dial, while a unique rotating sub-dial shows the time at major cities throughout the world on the outside perimeter. Precision movement. AA battery is included. Wt. 3 lb. 10 oz. Dial: 4-1/2". Depth: 4-1/4". Clock w/base: 6-3/4"w x 7-3/4"h.

662114 The World Time Clock



300800



773300



Skipjack™ Clock and Barometer

Housed in one traditional forged brass case, this combination clock/barometer swivels 360° horizontally and vertically in a brass, perfectly balanced and integrated gimbal so that on one side is the clock and on the other side is the barometer. The gimbal also allows for comfortable viewing from any angle. The clock operates on one N battery. The aneroid barometer is calibrated for altitudes to 3,500' above sea level. Because of the unique arrangement of a clock on one side of the housing and a barometer on the other, this instrument makes an excellent presentation no matter which side of the desk you happen to be sitting on. Overall dims: 5-1/2" (h) x 5" (w). Base Diameter: 3-1/4". Dial 2-3/8". Base 5.5"(h) x 3"(d). Wt. 2 lbs. 6 oz.

300800 The Skipjack Clock and Barometer

Clipper™ Clock and Barometer

This is a larger version of the desktop combination clock/barometer. This instrument, too, is housed in a forged brass case that swivels horizontally and vertically in a brass, gimbal base. It incorporates the same German movements as our best clocks and barometers. For adjustment purposes, the clock and barometer may be easily accessed using a screw bezel. AA battery is included. The aneroid barometer is calibrated for altitudes to 3,500' above sea level. Overall dims: 7-3/4" (h) x 7" (w). Base Diameter: 4-1/2". Dial 3.25". Base 7"(h) x 3"(d). Wt. 4 lbs. 2 oz.

773300 The Clipper Clock and Barometer

Gimbal Box Clock

This quartz clock is made with a high quality German movement, and then mounted in a solid wood mahogany finish box. It rests in a traditional polished brass ship's chronometer gimbal with locking arm. The 5.75" square box has polished brass fittings and is provided with a brass plate for personalization. N battery is included. Dial: 2-3/8". Box: 5-3/4" x 5-3/4" x 3-3/4". Wt. 3 lbs. 3 oz.

701100 The Gimbal Box Clock



701100



Baltic™ Desk Clock

This quartz clock is mounted in a solid mahogany base. The battery operated precision German movement is accessible for battery replacement and adjustments by removing access plate on reverse. The open area on the base below the clock is well suited for an engraved plate. The clock measures 4-1/2" high x 3-1/4" wide x 2" deep. N battery is included. Wt. 13.5 oz.

802400 Baltic Desk Clock

The Weather Station

Three brass instruments are mounted on a solid mahogany plaque. The easy-to-read instruments are a quartz clock, a barometer, and a comfortmeter which is a combination thermometer/hygrometer. Mounts vertically or horizontally. Lifetime warranty, mounting hardware, and fresh AA battery are provided. Measures 12" x 4 1/4". Wt. 15.5 oz.

721700 Weather Station



The Antigua™ Set

The forged brass quartz clock and barometer in this set come with a traditional solid wood base. Lifetime warranty, a brass plate for personalization, and AA battery are included.

Overall Size w/Instruments: 20-3/4" L x 3-1/8" D x 7" H.

Instrument Size: Dial: 3-3/4". Base: 5". Depth: 3".

Base: 21" L x 2-1/2" D x 4-1/4" H".

Wt: 9 lbs. 8 oz.

140800 The Antigua Gift Set



The Commodore's™ Set

This polished brass quartz clock and barometer set comes mounted on a solid wood mahogany finish base. Lifetime warranty, a brass plate for personalization, and N battery are included.

Overall Size w/Instruments: 13-1/2" L x 1-3/4" D x 5" H.

Instrument Size: Dial: 2-3/8". Base: 3-1/2". Depth: 1-3/4".

Base Size: 13-1/2" L x 1-3/4" D x 3-1/4" H.

Wt: 3 lbs. 12 oz.

260800 The Commodore's Set



Dampened Deluxe Quartz Barograph

This German made barograph uses eight diaphragm bellows to provide maximum sensitivity and precision. The hinged case provides easy access to the chart drum. The single AA battery operated quartz movement requires no winding and is more accurate than key-wound movements. The conventional ink nib and messy ink bottle are replaced by a felt tip pen which lasts 6 to 9 months. The barograph is furnished with a one-year supply of weekly charts, AA battery, one felt tip pen, and dampening fluid.

Case dims: 11" x 6-3/4" x 6-1/2". **Wt.** 7 lbs.

Chart size: 3-5/8".

Chart range: 28.5 to 31 inches. **Chart duration:** 7 days.

- 410-D Dampened Deluxe Quartz Barograph
- 108 Replacement Inch Charts (3-11/16" x 9-1/4")
- 107 Replacement Millibar Charts (3-11/16" x 9-1/4")
- 451 Replacement Felt Tip Pen Cartridge

Classic Barograph

This German made barograph is housed in a mahogany case with glass sides and a polished brass handle for easy access. The single AA battery operated quartz movement requires no winding and is more accurate than key-wound movements. The barograph readings are marked with a felt tip pen that lasts 6 to 9 months. It is furnished with a one-year supply of weekly charts, AA battery, and one felt tip pen.

Case dims: 7.75" x 5" x 5.2". **Wt.** 3 lbs.

Chart size: 3-5/8".

Chart range: 28.5 to 31 inches. **Chart duration:** 7 days.

- 410-C Classic Barograph
- 120 Replacement Millibar Charts (2-3/16" x 12")
- 121 Replacement Inch Charts (2-3/16" x 12")
- 451 Replacement Felt Tip Pen Cartridge



4000



4001

Weems & Plath® Electronic Marine Barometer

This professional grade Electronic Barometer was designed specifically for the mariner. Not only does it show current pressure on the large display, it also displays historical information on a much more expanded scale than most electronic barometers. For example, someone just coming on watch can see an expanded history of any changes that occurred over the last 6 hours in 30 minute increments. The unit is available in two finishes; the standard is housed in gray plastic, and the deluxe model is encased in a mahogany finish housing with brass accents. Either can be free standing or mounted to a bulkhead with the included mounting bracket. In addition, the Weems & Plath® Electronic Marine Barometer has the following features:

- Accurately detects pressure changes to within +/- 0.5hPa.
- Alarm feature to signal abrupt changes in pressure.
- Gale warning system.
- Continuous display of current pressure.
- Continuous display of time and/or temperature.
- Backlighting for night use
- Dims: #4000: 7-3/8" H x 7-1/2" W x 1-1/4" D. #4001: 4-1/2" H x 4-1/8" W.
- Wt: 12 oz.
- Operates on 2 AAA batteries (included) average battery life - 1 year.

- 4000 Weems & Plath® Electronic Marine Barometer
- 4001 Weems & Plath® Deluxe Electronic Marine Barometer



Stormglass Weather Forecaster

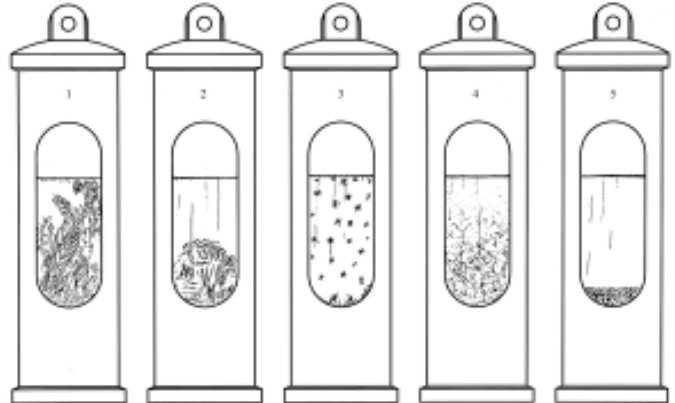
This mysterious weather predictor has been used since 1750. Admiral Fitzroy, the famous sailor and meteorologist, used the Stormglass aboard the HMS Beagle during his historic voyage with Darwin. After 250 years, how the Stormglass works is still a mystery, but it is believed that it has to do with the electromagnetic changes caused by weather and sun storms. The appearance of the crystals inside the glass indicates changes in the weather. The sealed glass chamber that holds the crystals is encapsulated in a beautifully crafted brass cylinder. It can be displayed freestanding or mounted to a boat bulkhead or wall using an optional mounting bracket. The Stormglass is available in two finishes, polished or chrome plated brass. Dims: 1.65" x 5.75". Wt: 15.7 oz..

ES 55 01 01 Brass Stormglass

ES 55 02 01 Brass Hook for Stormglass

ES 55 01 02 Chrome Stormglass

ES 55 02 02 Chrome Hook for Stormglass



1. Fernlike crystals are building up
2. Fernlike crystals are disappearing
3. Star crystals are falling down
4. Crystals all over
5. Clear liquid

Cold and stormy
Warmer
Frost
Rain
Fair and dry

2186/2187

2106



Brass Bells

These cast brass bells are polished to a mirror finish and produce a rich tone when struck. They come with a bulkhead or wall mount bracket that allows them to be easily lifted from the bracket to remove and store when not in use. The 8" bell meets the United States Coast Guard requirement for any vessel between 39.4 feet and 65.6 feet.

Wt: 6" - 2 lbs.; 7" - 3 lbs.; 8" - 5 lbs.

- 2187 6" (150mm) Brass Bell**
2186 7.5" (190mm) Brass Bell
2106 8" (210mm) Brass Bell



Sure Shine - The Perfect Polish

Weems & Plath® polish has been formulated for the marine industry. A one step application cleans, polishes, and protects. The protective coating is designed to last 3 to 6 months. Weems & Plath® polish contains no harsh acids, caustics, or abrasives, so it is safe on all metals. Use on: brass, bronze, copper, stainless steel, aluminum, pewter, nickel, even sterling silver or silver plate.

Our polish is also excellent to clean and deoxidize fiberglass; it removes cloudiness from plexiglass, clear vinyl, eisenglass, or lexan. 8 oz. reclosable plastic tube.

63825 Sure Shine - The Perfect Polish



Chart Weights

The compass chart weight is a working, liquid filled compass encircled in a forged brass ring. It is also available in a brushed nickel-plated brass finish. The clock chart weight is a quartz clock set in a forged brass ring. Each chart weight is brushed and lacquered brass that will not tarnish or show fingerprints. The bottom of each weight is felt lined to protect the surface it rests on and to prevent slipping. The weights can be customized by imprinting or engraving. Each chart weight comes gift-boxed suitable for presentation purposes. Dims: 3" diameter. Wt. 12 oz.

610500 Clock Chart Weight

661 Compass Chart Weight

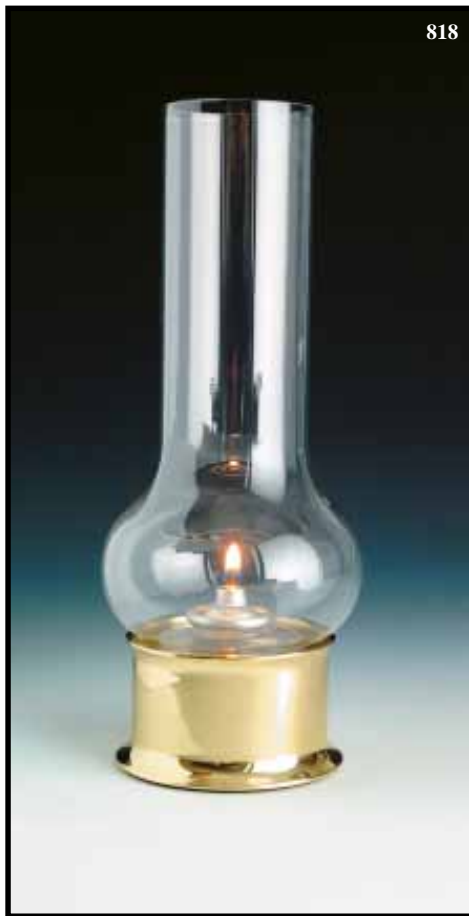
661N Nickel-Plated Compass Chart Weight

Companion Lamp

Crafted of solid cast brass, polished and lacquered. Uses a unique, hassle free, disposable fuel cell. Has a non-skid base with holes for permanent mounting. One fuel cell with 17-hour burn time included with unit.

Dims: 3.5" Dia. x 8.75" H. **Wt.** 13.9 oz.

- 818** Companion Lamp
- HD17** Disposable Fuel Cell (single)
- HD17-6** Disposable Fuel Cell (6-pack)
- 20210** Chimney



Yacht Lamp™

Crafted of solid cast and tooled brass.

Dimensions: 10" tall x 3-1/2" diameter.

Oil container capacity: 5 oz.

Burn time: +/- 30 hours with clean burning Weems & Plath® lamp fuel.

Wt. 3 lbs. 4 oz.; Optional Gimbal 1 lb. 6 oz.

- 700** Yacht Lamp™ (shown)
- 705** Optional Brass Gimbal for Yacht Lamp™ (shown)
- 751** Optional Wall Bracket
- 900** Chrome Yacht Lamp (shown opposite page)
- 905** Chrome Gimbal for Chrome Yacht Lamp
- 951** Chrome Wall Bracket (shown opposite page)
- 791** Chimney
- 770-3** Wick



Mini Yacht Lamp™

Crafted of solid cast and tooled brass.

Dimensions: 7" tall x 2-1/2" diameter.

Oil container capacity: 2 oz.

Burn time: +/- 12 hours with clean burning Weems & Plath® lamp fuel.

Wt. 1 lb. 10 oz.; Optional Gimbal 14 oz.

- 600** Mini Yacht Lamp™ (shown)
- 605** Optional Solid Brass Gimbal for Mini Yacht Lamp™
- 751** Optional Wall Bracket (shown)
- 400** Chrome Mini Yacht Lamp (shown opposite page)
- 405** Chrome Gimbal for Chrome Mini Yacht Lamp
- 951** Chrome Wall Bracket (shown opposite page)
- 792** Chimney
- 770-3** Wick



Atlantic Gimbal Oil Lamp with Smoke Bell

Constructed of solid brass. Comes complete with 4-way gimbal and smoke bell.

Dimensions: 10" tall x 5" (with gimbal).

Oil container capacity: 6 oz.

Burn time: +/- 21 hours with clean burning Weems & Plath® lamp fuel.

Wt. 2 lbs. 5 oz..

- 718** Atlantic Gimbal Oil Lamp with Smoke Bell (shown)
- 918** Chrome Atlantic Gimbal Oil Lamp with Smoke Bell (shown opposite page)
- 790** Chimney
- 770-3** Wick





Yacht Vase

This polished brass yacht vase is an attractive way to have flowers on board without the risk of them tipping over. Available in two sizes that fit into our existing yacht lamp gimbals, #705 and #605, the vase sways securely while underway. It can also stand independently on a table or countertop. The brass is lacquered so that it will not tarnish.

Dimensions: Large: 7-1/8" tall x 3" diameter.

Small: 7-1/8" tall x 2-1/2" diameter.

Wt. Large: 1 lb. 2 oz.; Small: 14.5 oz.

601 Yacht Vase, Small

605 Optional Solid Brass Gimbal for Mini Yacht Vase (shown)

701 Yacht Vase, Large

705 Optional Brass Gimbal for Yacht Vase



Lamp Fuel

An exclusive blend formulated from liquid waxes to standards far above other lamp oils. This highly refined liquid paraffin lamp fuel is virtually odorless and smokeless when used as directed. The cleanest burning lamp fuel you can buy; it eliminates sooty build-up commonly associated with kerosene fuel. It is also very safe, with a flash point over 200° F, and is not considered a hazardous material by most shipping agents. Now available in two convenient new sizes.

Wt. quart; 1 lb. 11 oz. (0.946 liters); gallon; 6 lb. 7 oz. (3.785 liters); 2.5 gallon; 16 lb. 8 oz. (9.464 liters); fuel cell; 2.4 oz (0.71 liters).

780 Weems & Plath® Lamp Fuel (quart)

880 Weems & Plath® Lamp Fuel (gallon)

980 Weems & Plath® Lamp Fuel (2.5 gallon)

HD17 Disposable Fuel Cell (single)

HD17-6 Disposable Fuel Cell (6-pack)

E.S.Sørensen, a Danish company, produces a fine collection of high-quality, handmade oil lamps designed and made using models and tools dating back to the end of the 19th century. Each handmade lamp is crafted of the finest quality brass available, is numbered individually, and is hand lacquered, requiring no polishing. Weems & Plath® is the exclusive U.S. distributor for E.S.Sørensen lamps. To see more E.S.Sørensen products, please go to the Special Order Lamp Section of the Weems & Plath® website.

Passenger Lamp

Hand polished and lacquered brass. 0.24" (6mm) circular burner.

Wt. 3 lbs. 2 oz.

Height 13.39" (340 mm).

Oil Container Capacity: 4 oz.

Burn Time: +/- 9 hours with clean burning Weems & Plath® lamp fuel.

ES 50 01 01 Passenger Lamp

ES 10 00 01 Chimney

00006W Wick

ES-1 Conversion Kit



Ship's Lamp

The lamp rests in a four-way gimbal and has an extra weighted base to keep it steady in the roughest of seas. Hand polished and lacquered brass. 0.24" (6mm) circular burner.

Wt. 3 lbs. 2 oz.

Height 13.78" (350 mm).

Oil Container Capacity: 4 oz.

Burn Time: +/- 9 hours with clean burning Weems & Plath® lamp fuel.

ES 50 02 01 Ship's Lamp

ES 10 00 01 Chimney

00006W Wick

ES-1 Conversion Kit

Captain's Cabin Lamp

Features four-way gimbal and a 5" handmade acid-frosted globe (135 mm) with compass or ship motif. The globe is securely fastened with a clip-on spring in stainless steel. Hand polished and lacquered brass. 0.24" (6mm) circular burner.

Wt. 4 lbs. 8 oz.

Height 15.35" (390 mm).

Oil Container Capacity: 4 oz.

Burn Time: +/- 9 hours with clean burning Weems & Plath® lamp fuel.

ES 50 03 03 Captain's Cabin Lamp w/Compass Globe

ES 50 03 04 Captain's Cabin Lamp w/Ship Globe (shown)

ES 10 19 00 Chimney

00006W Wick

ES-1 Conversion Kit



Adjustable Smoke Bell

Hand polished and lacquered brass. Distance from center of bell to wall can be adjusted from 2" to 5.71". Diameter of bell: 3.46" (88mm). Wt. 12 oz.

ES 10 05 00 Adjustable Smoke Bell

Clip-on Brass Smoke Bell

Polished brass. Small bell diameter: 1.73" (44mm). Large Bell diameter: 2.44" (62mm). Sm. Wt. 3 oz.. Lg. Wt. 4 oz.

ES 10 06 00 Small Clip-on Brass Smoke Bell

ES 10 06 01 Large Clip-on Brass Smoke Bell

ES 50 10 04



Classic Yacht Lamp

Features four-way gimbal and a 5" handmade acid-frosted globe (135 mm) that is securely fastened with a clip-on spring in stainless steel. Hand polished and lacquered brass. 0.24" (6mm) circular burner.

Wt. 5 lbs. 5 oz.

Height: 14.17" (360 mm).

Oil Container Capacity: 11 oz.

Burn Time: +/- 23 hours with clean burning Weems & Plath® lamp fuel.

ES 50 10 03 Classic Yacht Lamp w/Compass Globe

ES 50 10 04 Classic Yacht Lamp w/Ship Globe (shown)

ES 10 19 00 Chimney

00006W Wick

ES-1 Conversion Kit

Old Danish Table Lamp/Vesta

The Old Danish Table Lamp rekindles the typical Danish style of the turn of the century (1800 to 1900) and features an opalescent, hand blown cased VESTA glass shade (6"). Hand polished and lacquered brass. 0.39" (10mm) circular burner.

Wt. 5 lbs. 8 oz.

Height: 12.20" (310 mm).

Oil Container Capacity: 22 oz.

Burn Time: +/- 34 hours with clean burning Weems & Plath® lamp fuel.

ES 50 11 09 Old Danish Table Lamp/Vesta

ES 10 20 00 Chimney

20311 Wick

ES-2 Conversion Kit

Engineer's Lamp

The Engineer's Lamp features a 6" handmade acid-frosted globe and can be either used as a table lamp or mounted on the wall. Hand polished and lacquered brass. 0.39" (10mm) circular burner.

Wt. 5 lbs. 3 oz.

Height: 14.17" (360 mm).

Oil Container Capacity: 17 oz.

Burn Time: +/- 26 hours with clean burning Weems & Plath® lamp fuel.

ES 50 08 14 Engineer's Lamp w/Compass Globe (shown)

ES 50 08 15 Engineer's Lamp w/Ship Globe

ES 10 20 00 Chimney

20311 Wick

ES-2 Conversion Kit

ES 50 11 09



ES 50 08 14



Den Haan Rotterdam, founded in Rotterdam, Holland, in 1922, began as a manufacturer of navigation and interior lighting for inland and seagoing vessels. All lamps, many of them replicas of old models, are hand made to commercial ship standards. Each lamp is made of solid brass with a polished and lacquered finish, giving it distinctive style and quality. Their lasting beauty and timeless design will enhance the decor of any home or ship's cabin. To see more DHR products, please go to the Special Order Lamp Section of the Weems & Plath® website.



Side Light, Green

Solid brass, polished and lacquered. Side Light available with red or green lens. **Light Source:** 110v electric, 40 watt max. Bulb included. **Wt.** 2.4 lbs.
8311G/E Electric Side Light, Green



Bi-Color Light

Solid brass, polished and lacquered. **Light Source:** 110v electric, 40 watt max. Bulb included. **Wt.** 2.4 lbs.
8412/E Electric Bi-Color Light



Side Light, Red

Solid brass, polished and lacquered. Side Light available with red or green lens. **Light Source:** 110v electric, 40 watt max. Bulb included. **Wt.** 2.4 lbs.
8311R/E Electric Side Light, Red



Copper Wall Anchor Lamp

Oxidized antique copper finish with unique amber color individually blown glass lens. **Light Source:** 110v electric, 60 watt max. Bulb included. **Wt.** 7.9 lbs.
5613/E Copper Wall Anchor Lamp, Electric



Cargo Lamp

Solid brass, polished and lacquered. **Oil container capacity:** 8.5 oz. **Burn time:** +/- 25 hours with clean burning Weems & Plath® lamp fuel. **Wt.** 6 lbs.
8803/O Cargo Lamp
10170 Chimney
20311 Wick
ES-1 Conversion Kit



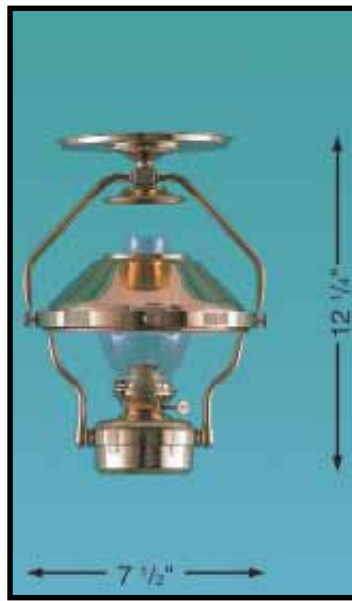
Anchor Light

Solid brass, polished and lacquered. Hoistable, provided with guide eyelets. Available in electric or oil models. **Oil container capacity:** 10 oz. **Burn time:** +/- 40 hours with clean burning Weems & Plath® lamp fuel. **Wt.** 5 lbs.
8604/O Anchor Light, 5" lens, Oil
8604/E Anchor Light, 5" lens, Electric, 110v, 40w max.
60130 Chimney
00006W Wick
ES-1 Electric Conversion Kit



Anchor Light

Solid brass, polished and lacquered. **Oil container capacity:** 4.25 oz. **Burn time:** +/- 40 hours with clean burning Weems & Plath® lamp fuel. **Wt.** 4 lbs.
8611/O Anchor Light, 4" lens, Oil
567 Chimney
00005W Wick



Captain's Cuddy Lamp

Solid brass, polished and lacquered. The inside of the shade is white stove enameled. Can be overhead or bulkhead mounted. **Oil container capacity:** 10.2 oz. **Burn time:** +/- 21 hours with clean burning Weems & Plath® lamp fuel. **Wt.** 3.6 lbs.
8208/O Captain's Cuddy Lamp
01135C Chimney
00111W Wick



Mini Trawler Lamp

Solid brass, polished and lacquered. Inside of shade is white stove enameled. **Oil container capacity:** 10 oz. **Burn time:** +/- 30 hours with clean burning Weems & Plath® lamp fuel. **Wt.** 3.4 lbs.
8211/O Mini Trawler Lamp,
Oil, 12-1/2"
20211 Chimney
20311 Wick
ES-1 Conversion Kit



Clipper Lamp

Solid brass, polished and lacquered. Inside of shade is white stove enameled. **Oil container capacity:** 29 oz. **Burn time:** +/- 40 hours with clean burning Weems & Plath® lamp fuel. **Wt.** 3.1 lbs.
8207/O Clipper Lamp
15210 Chimney
14234 Wick



Anchor Light

Solid brass, polished and lacquered. Hoistable, provided with guide eyelets. Available in electric or oil models. **Oil container capacity:** 10 oz. **Burn time:** +/- 30 hours with clean burning Weems & Plath® lamp fuel. **Wt.** 7.2 lbs.
8603/O Anchor Light, 6" lens, Oil
567 Chimney
00005W Wick
ES-1 Conversion Kit



Globe Lamp

Solid brass, polished and lacquered. **Oil container capacity:** 8.5 oz. **Burn time:** +/- 35 hours with clean burning Weems & Plath® lamp fuel. **Wt.** 3.4 lbs.
8703/O Globe Lamp, Oil, 7"
60130 Chimney
00006W Wick



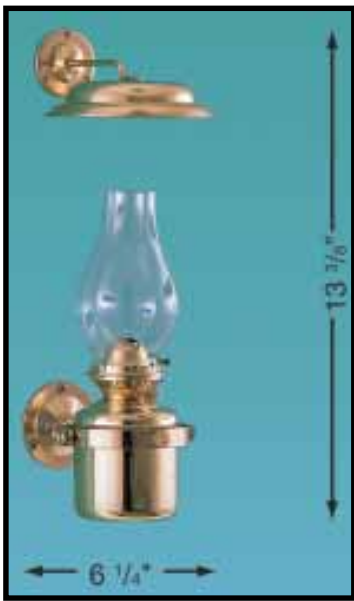
Trawler Lamp

Solid brass, polished and lacquered. Available in oil or electric model. Inside of shade is white stove enameled. **Oil container capacity:** 34 oz. **Burn time:** +/- 30 hours with clean burning Weems & Plath® lamp fuel. **Wt.** 4.8 lbs.
8201/O Trawler Lamp, Oil, (shown)
8201/E Trawler Lamp, Electric,
110v, 100w max.
20210 Chimney
20312 Wick



Main Cabin Lamp

Solid brass hanging lamp, polished and lacquered. The inside of the shade is white stove enameled. **Oil container capacity:** 27.2 oz. **Burn time:** +/- 60 hours with clean burning Weems & Plath® lamp fuel. **Wt.** 3.3 lbs.
8209/O Main Cabin Lamp
14210 Chimney
14234 Wick



Gimbal Lamp with Smoke Bell

Solid brass, polished and lacquered. Heavy base. Mounting with gimbal bracket. **Oil container capacity:** 12 oz. **Burn time:** +/- 24 hours with clean burning Weems & Plath® lamp fuel. **Wt.** 3.4 lbs.

- 8917/O Gimbal Lamp with Smoke Bell
- 01135C Chimney
- 00111W Wick



Wall Lamp

Solid brass, polished and lacquered. **Oil container capacity:** 18.5 oz. **Burn time:** +/- 40 hours with clean burning Weems & Plath® lamp fuel. **Wt.** 1.3 lbs.

- 8807/O Wall Lamp
- 14210 Chimney
- 14234 Wick



Pantry Lamp

Solid brass, polished and lacquered. With mounting bracket featuring black stove enameled coating. **Oil container capacity:** 8.5 oz. **Burn time:** +/- 20 hours with clean burning Weems & Plath® lamp fuel. **Wt.** 1.3 lbs.

- 8877/O Pantry Lamp
- 14170 Chimney
- 14234 Wick



Berth Lamp

Solid brass, polished and lacquered. This gimbal lamp is perfect for moving from one location to another; it can be easily carried, bulkhead mounted, or simply placed on a reasonably horizontal surface. **Oil container capacity:** 11 oz. **Burn time:** +/- 50 hours with clean burning Weems & Plath® lamp fuel. **Wt.** 3.6 lbs.

- 8840/O Berth Lamp
- 60130 Chimney
- 00006W Wick

Weems & Plath® is a distributor for Foresti & Suardi, a fine Italian line of nautical brass lamps and accessories since 1961. Weems & Plath® stocks the following three lamps in the United States, but to see more Foresti & Suardi products, please go to the Special Order Lamp Section of the Weems & Plath® website.



Gimbal Electric Lamp

This lamp, although modeled after the traditional oil lamps of the same style, gives off ample light because it uses a 100w bulb.

- Dimensions:** 17-3/8" tall x 6-1/4" deep.
- Light source:** 110v electric, 100watt max.
- Wt.** 2 lbs. 3 oz.
- 2026 Gimbal Electric Lamp
- 2026-C Chimney



Round Brass Bulkhead Light

This dome light is enhanced by the use of a frosted glass dome with a starburst pattern in the center which helps to diffuse the light evenly. Can be bulkhead or overhead mounted.

- Dimensions:** 7-1/2" Dia. x 2-1/8" depth.
- Light source:** 12v electric, 20 watt max.
- Wt.** 1 lb. 12 oz.
- 2408 Round Brass Bulkhead Light



Oval Brass Bulkhead Light

This brass bulkhead light can use up to a 60w electric bulb and mounts with two screws. The frosted glass lens is protected by a brass framework. Can also be overhead mounted.

- Dimensions:** 5-3/8" wide x 7-5/8" long x 4-3/8" deep.
- Light source:** 110v electric, 60 watt max.
- Wt.** 5 lbs. 12 oz.
- 2034 Brass Oval Bulkhead Light

NightStar Magnetic Force Emergency Light

NightStar is an extremely reliable light source that will function after years of storage and exposure to environmental extremes. The simple design uses a highly efficient renewable energy source to power a high-brightness LED. Simply shaking the NightStar for 30 seconds will provide over 15 minutes of light!

NightStar is also the only flashlight that performs without fail under the extreme conditions of desert heat, polar cold, or submerged to depths exceeding 400 feet. Battery-powered flashlights just do not tolerate environmental extremes like NightStar; the simplicity of NightStar's design avoids the mechanical complications found in wind-up lighting devices.

Specifications:

- Light Output: 10 -15 minutes on a single charge.
- Recharge Time: Approx. 30 seconds.
- Beam Size: 5ft. diameter @ 50ft.
- Effective Range: 50ft. non-reflective, 150+ ft. reflective, visible from over 1 nautical mile away.
- Waterproof to 430ft. (180 psi).
- Shock Resistance: Unaffected after repeated drops from 4ft. onto a concrete surface.
- Service Life: LED- up to 100,000 hrs., Capacitor- up to 1,000,000 recharges.
- Wt: .85 lbs.
- Warranty: 5 Years

1160 NightStar Magnetic Force Emergency Light 10" x 2"

1160W Wall Mount Glow-in-the-Dark Holder (for #1160 only)

1100 Compact Size NightStar 7-1/8" x 1-3/4"



Chart Light

The light is concentrated in a tightly controlled pattern which is easily aimed exactly where you need it. Use red slide-on lens for night vision. Base Dims: 3" x 1-1/16". Wt. 1 lb.

Features:

- High intensity tungsten halogen bulb - 5 times brighter than a conventional filament bulb.
- Convenient dimming control built right into the base.
- Permanent or "Quick Disconnect" mounting methods.
- Red lens for night vision.
- 12" flexible gooseneck for versatility.
- 12 Volt AC operation with optional transformer.
- .38 amp consumption maximum.

31200 Weems & Plath® Chart Light

31211 Additional Snap Mounts

31215 Replacement Halogen Bulb

31216 Red Lens

31217 Optional AC Power Transformer



Commercial Grade Chartlite

This is the most durable and versatile chart utility light available. This ruggedly constructed light features:

- Dimmer control - from "off" position to fully bright.
- Focus control - "flood" to "spot".
- Momentary switch for maximum brightness.
- Red or white light lever control.
- Fully adjustable to any position in both vertical and horizontal planes.
- Push button release from base for hand held use.
- 5 foot retractable coiled cord.
- Can be mounted vertically, horizontally, or inverted.
- Made from lightweight, corrosion resistant die-cast aluminum alloy.
- 12v draws .33A; 24v draws .17A.
- Dimensions: 1-3/4" Diameter x 3-1/2". Weight: 13.5 oz.

S1400-12 Chartlite (w/base) 12 volt

S1400-24 Chartlite (w/base) 24 volt

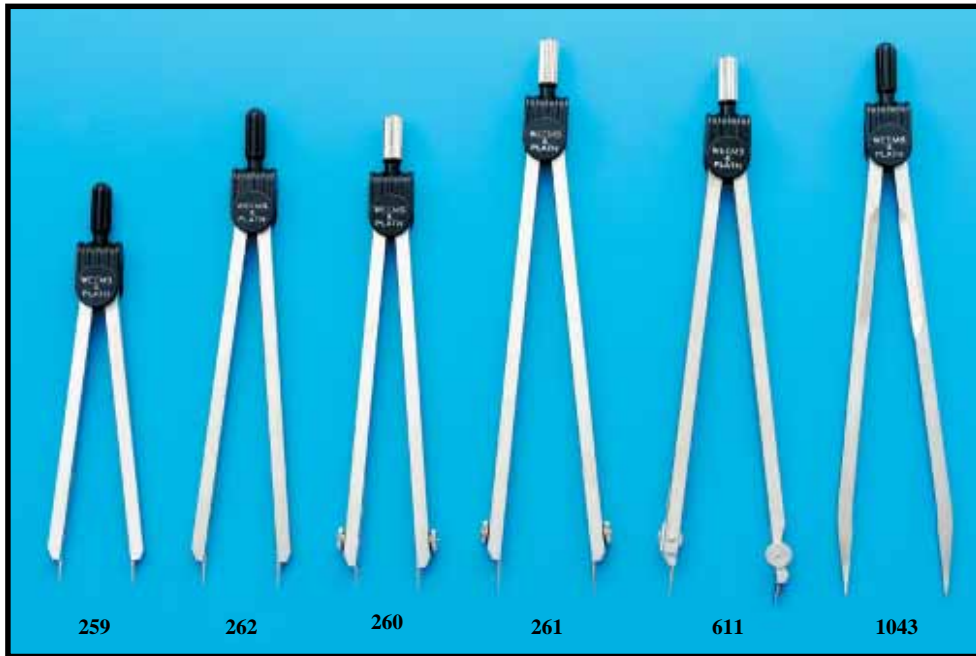
S1400-7 Additional base for S1400 models

1816 Replacement Bulb for 12 volt Chartlite

313 Replacement Bulb for 24 volt Chartlite

Weems & Plath®

NAVIGATION TOOLS - ACCURATE, RUGGED, DEPENDABLE



Matte Nickel Instruments

These lightweight matte nickel-plated, brass dividers are ideal for all applications. Available in three sizes, 5", 6", or 7". Or, choose our matte nickel compass with the same quality construction found in the Weems & Plath® dividers. Wt. 5" - 1.5 oz., 6" - 2 oz., 7" - 2.5 oz.

- 259 Weems & Plath®
5" Fixed Point Dividers
- 260 Weems & Plath®
6" Removeable Point Dividers
- 262 Weems & Plath®
6" Fixed Point Dividers
- 261 Weems & Plath®
7" Removeable Point Dividers
- 611 Weems & Plath®
7" Matte Nickel Compass
- 1043 Weems & Plath® 7"
Straight Pattern Dividers



Ultralight Dividers/Compass

Our Most Popular Dividers

These robustly built dividers weigh only 3 oz. and are heftier than standard size dividers. Made in Germany of a coated marine alloy to resist corrosion. Gear synchronized arms allow one-hand use and provide excellent point alignment, while the center wheel/extension bar construction allows for fast action and precision adjustments. The Weems & Plath® Ultralight features hardened stainless steel points and is fully adjustable. Replace a point with lead (supplied), and it becomes a navigator's compass. Length 7", Wt. 3 oz.

- 176 Ultralight Dividers
- 7231 Spare Leads for Ultralight Dividers
(2 per box)
- 7291 Spare Leads for Ultralight Dividers
(15 per box)



Millennium Navigation Kit

This kit contains a 6" divider and a 6" compass made from polyamide/glass fiber composite. These nickel free, rustproof tools will be at home in any nav-table. Sold in a protective vinyl case, spare leads included. Made in Germany. Wt. 8 oz.

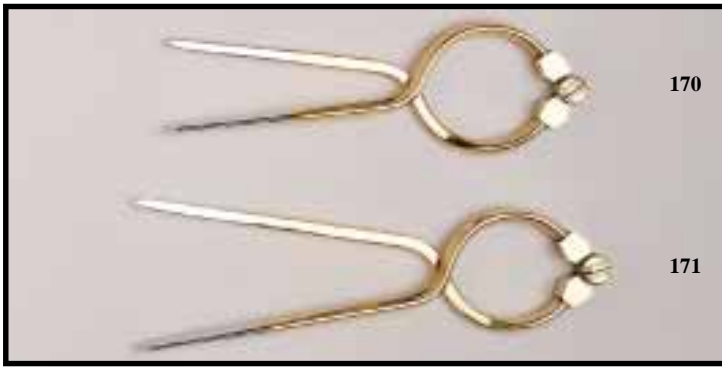
- 178 Millennium Navigation Kit



Millennium Dividers/Compass

This instrument is both a conventional 6" divider and a compass. Its unique ergonomic design facilitates one-handed operation. The body is a polyamide/glass fiber composite. Nickel free and rustproof, you have to feel the silky smooth action to believe it. Lead and spare points included. Made in Germany. Length 6", Wt. 3 oz.

- 179 Millennium Divider



170

171

One Hand Dividers

These dividers can be opened and closed with one hand while performing your chart work. The top curved part of the handle is brass, and the tapered sides are bright finished marine alloy. Wt. 3.5 oz.

170 Weems & Plath® 7" One Hand Dividers

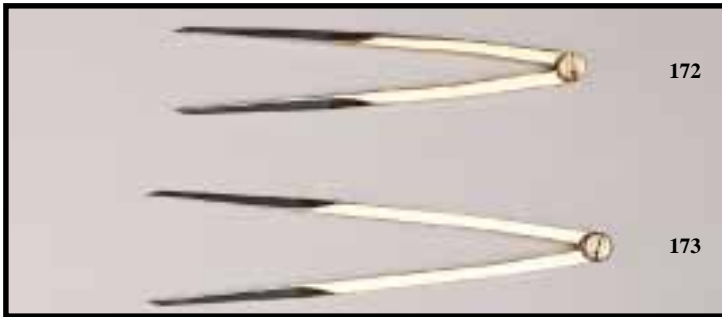
171 Weems & Plath® 8" One Hand Dividers



Pocket Divider

This Pocket Divider is a full-length (6 1/4") divider in a compact form with a distinctive look. Simply remove the cap and place it on the opposite end for ease of use. The pen shell is drawn brass finished in an electric blue baked powder coat. This pocket divider is easy to store in a shirt pocket, or on the edge of a chart or log book because it is designed like a pen with a silver clip. Divider points are protected from damage by the cap when not in use. Wt. .6 oz. Made in USA.

160 Pocket Divider



172

173

Straight Pattern Dividers

These Straight Pattern Dividers are made with brass arms and polished marine alloy tips. Wt. 3 oz.

172 Weems & Plath® 7" Straight Pattern Dividers

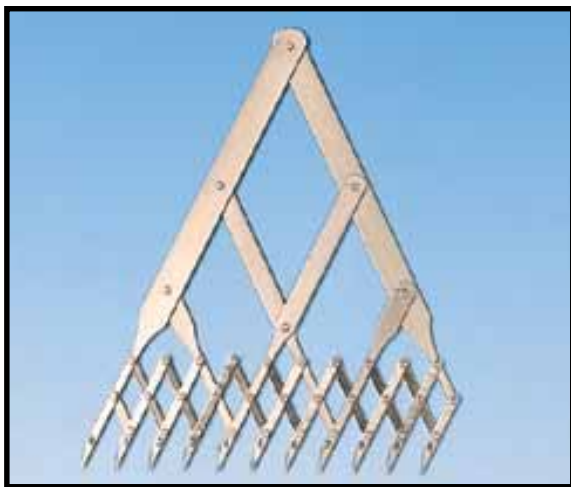
173 Weems & Plath® 8" Straight Pattern Dividers



Weems & Plath® Pen/Divider

It's a two-in-one navigation tool. Twist the cap to use the black ink ballpoint pen. Remove the cap, and the full-length (6-1/4") dividers are revealed. The pen shell is drawn brass, finished in an electric blue baked powder coat. Made in the USA. 5.75" long, 0.5" diameter. Wt. 9 oz.

161 Weems & Plath® Pen/Divider



Ten Point Dividers

This 6" equal spacing divider is manufactured from the highest quality stainless steel. Its precision is clearly evident from point-to-point. The eleven numbered points allow easy conversion of distances. An excellent tool when interpolating Loran, or plotting and calculating using the decimal system. Wt. 3.5 oz.

719A Ten Point Dividers



Weems & Plath® Proportional Dividers

A highly accurate speed-time-distance computer, long used by draftsmen and chart makers. Its unique advantage is that distance, picked off the chart between divider points, can be immediately converted to the unknown speed or time. Made in Germany of silver/nickel alloy with stainless steel points, 8 inches long. Wt. 8 oz. FSN 6605-00-682-4548.

4548 Weems & Plath® Proportional Dividers

Beam Compass

High quality aluminum alloy Beam Compass, precision crafted with a 20" overall radius. 13" main beam with 7" extension bar. Provided with point, stylus, spare leads, and velvet lined, impact resistant case. Made in Germany. Wt. 16 oz.

- 545 Beam Compass
- 545330 Optional 13" Extension Bar



Weems & Plath® Light Pen

This unique pen has a small green LED tucked into its tip right next to a high quality medium ball point. Just give the top of the pen a twist, and you can see what you are entering in the log on those long dark nights without having to light up the whole cabin. Comes with a clear cap to help prevent leaving it turned on accidentally. Also allows you to clip it to your chart or pocket if you just need a small light to see by. Runs for hours on end using 2 LR44 1.5 volt batteries located in the top. Wt. 7 oz.

- 1121 Weems & Plath® Light Pen
- 1122 Refill for Light Pen



Weems & Plath® Navigator's Pencil Set

It has a super fine eraser that won't mar your charts when making corrections. It adjusts out as you wear it down, similar to the way you adjust the lead on the writing tip. Set includes pencil, one 12-pack of leads, and 2 spare erasers. Wt. .8 oz.

- 1141 Weems & Plath® Navigator's Pencil Set
- 1142 Lead Refills (12-pack)
- 1143 Eraser Refills (4-pack)



Weems & Plath® Sharpening Pad

A handy addition to your navigation kit for keeping the proper point on pencils and compass leads.

- 92323 Weems & Plath® Sharpening Pad



Weems & Plath® Pencil

Six of our #2's makes sure you always have a fresh one ready to mark your position. A pencil sharpener is included as well. Wt. 1.3 oz.

- 1280-6 Weems & Plath® Pencil (6 pack)

Rite in the Rain® All-Weather Pen

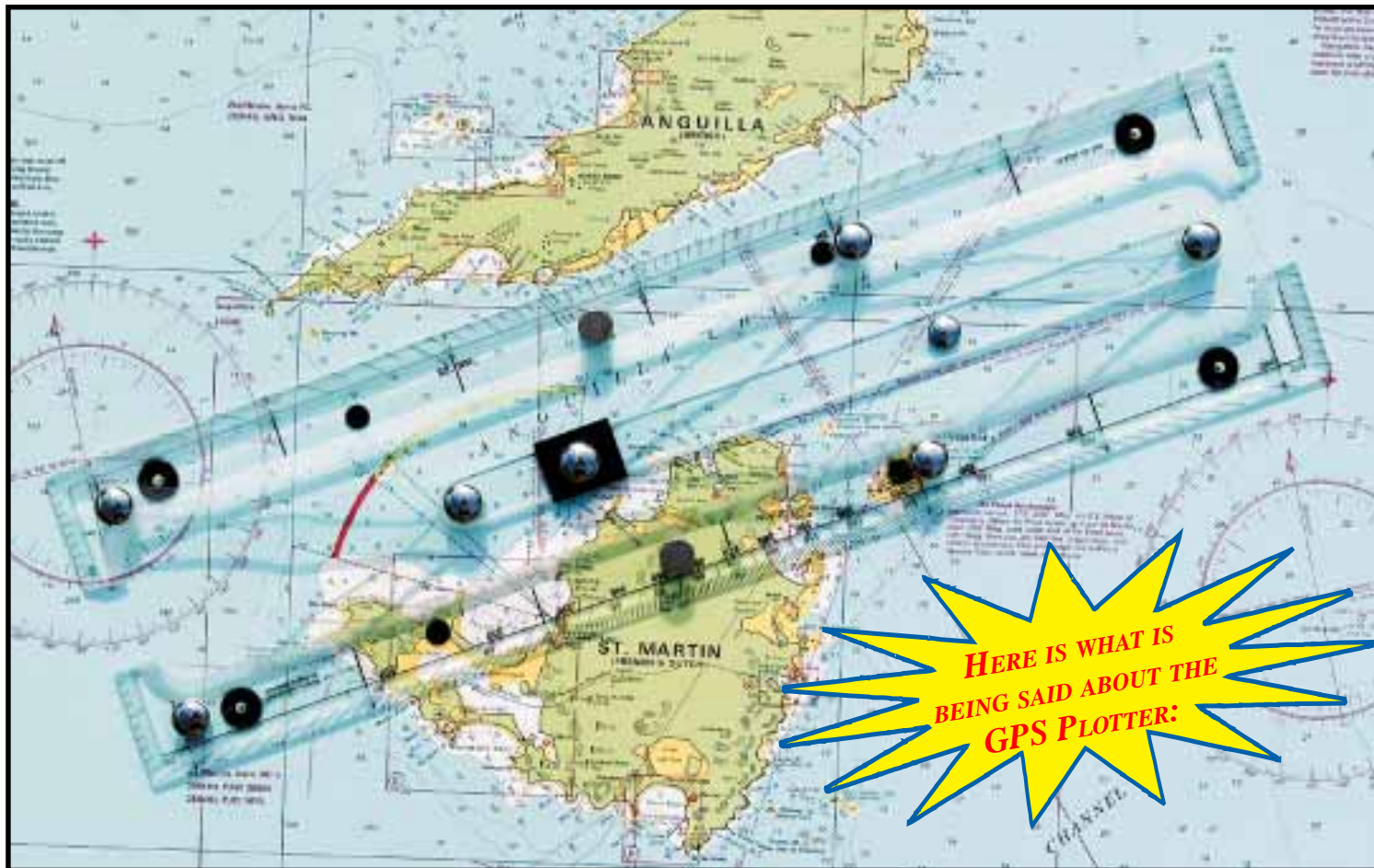
The all-weather pen writes at -50° to +400°. It even writes underwater or on greasy surfaces.

- 8512 Rite in the Rain® All-Weather Pen
- 8513 Rite in the Rain® All-Weather Pen Refill

GPS PLOTTER

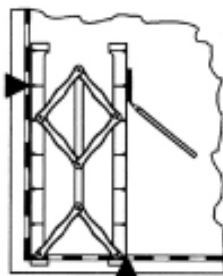
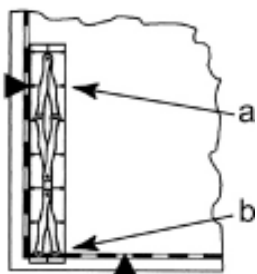
The GPS Plotter is a straightforward and effective interface between a GPS and a paper chart. It enables the latitude and longitude obtained from a GPS to be quickly, easily, and accurately plotted on a paper chart in a simple two-step maneuver. It does this with its innovative straight-line action and its special pencil guide holes. The instrument features protractor markings so that it can also serve as a conventional-style plotting device and parallel rule. Designed and manufactured in England, the GPS Plotter is made in a sturdy, clear acrylic for maximum chart visibility, and in one size to cover all chart sizes. It also has an innovative slip and grip feature that helps improve accuracy. Dims: 4-1/4" x 16"; Wt. 9.8 oz.

130 GPS Plotter



THE FAST AND SIMPLE GPS PLOTTER WAY TO FIX YOUR GPS POSITION ON A PAPER CHART:

1. Read the latitude and longitude from your GPS screen.
2. Identify the required latitude and longitude on the chart and position the GPS Plotter so that:
 - a) one pair of holes lines up with the required latitude and:
 - b) it overhangs the longitude scale.
3. Open the GPS Plotter to the required longitude. Mark the chart with a short line. The relevant hole shows where the line is needed.



4. Holding the left hand side of the GPS Plotter firmly on the chart, place a pencil in the hole and using the pencil, move the right hand side further open. This will mark the required latitude.

FIX COMPLETED.

"It's so simple it's brilliant."

Yachting World, June 2001

"An ingenious yet simple plotting tool."

Yachting World, June 2001

"Couldn't be easier, or less error-prone, to mark the desired lat and long."

Yachting Monthly, August 2001

"A fast, efficient way to fix a GPS position on a paper chart."

Boating Business, April 2001

"Clever new chart plotter."

Yachts & Yachting, May 2001

Weems & Plath®

PARALLEL RULERS

24" Commercial Ruler

24 inch length, 0.25 inch thickness, rigid chrome arms and handles. Wt. 13 oz.

24 Weems & Plath® Parallel Ruler

15" Brass Arms

15 inch length, 0.14 inch thickness, solid brass arms and handles. Wt. 7 oz.

142 Weems & Plath® Parallel Ruler

15" Brushed Aluminum Arms

15 inch length, 0.22 inch thickness, aluminum arms and handles. Wt. 7.5 oz.

141 Weems & Plath® Parallel Ruler

12" Brushed Aluminum Arms

12 inch length, 0.22 inch thickness, aluminum arms and handles. Wt. 5.5 oz.

140 Weems & Plath® Parallel Ruler

12" Brushed Aluminum Arm Ruler without Graduations

Without protractor markings, this parallel ruler has the same specifications as our #140 model. Wt. 5.5 oz.

139 Weems & Plath® Parallel Ruler

18" Aluminum Arms

18 inch length, 0.19 inch thickness, aluminum arms and handles. Wt. 11 oz.

138 Weems & Plath® Parallel Ruler

15" Value Parallel Ruler

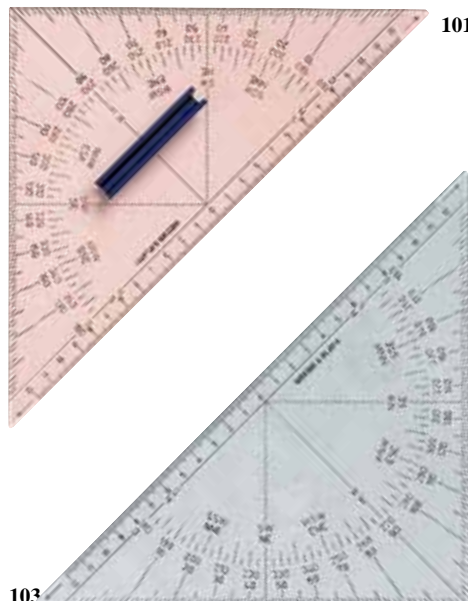
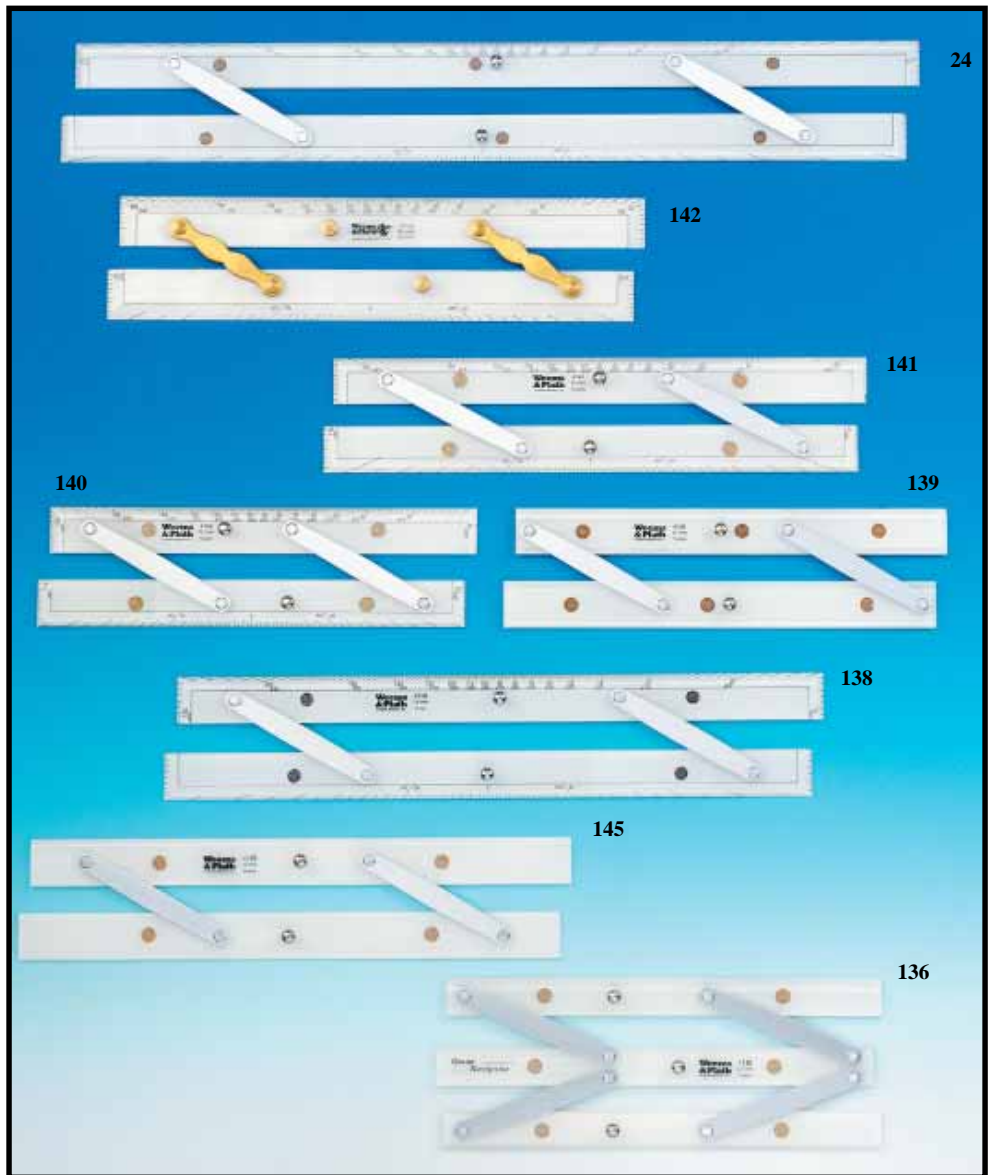
Accurate and durable milled 15" acrylic ruler with marine aluminum arms and handles. 0.12 inch thickness. Wt. 5 oz.

145 Weems & Plath®
15" Value Parallel Ruler

Triple Parallel Rulers

The unique 3-rule construction allows greater parallel walk without the diagonal creep associated with traditional designs. Milled with bevelled edges, 0.19 inch thickness, with aluminum arms and handles. Wt. 7 oz.

136 Weems & Plath® 12" Triple Parallel Rulers



TRIANGLES

Protractor Triangle with Handle

This triangle is inscribed with contrast enhancing colors making it easier to use. Using two 45° triangles provides an easy method of plotting and performing chart work. With its protractor scales, the triangle is easily aligned in any direction with a chart meridian. Direction is maintained as one triangle is slid along the other to the desired position. Durable, clear vinylite. Short sides 7-1/2", .08" thick, (one per pack). Wt. 3 oz.

101 Weems & Plath® Protractor Triangle with Handle

Protractor Triangle

Same as above, with all black markings and without handle. Wt. 3 oz.

103 Weems & Plath® Protractor Triangle, all black markings



Weems Parallel Plotter

Our most popular plotter!

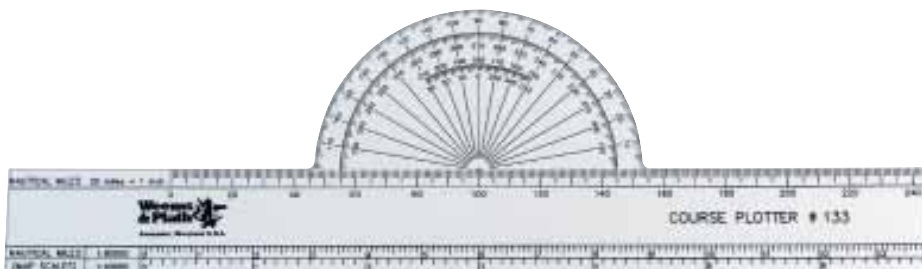
This instrument consists of a plotter mounted on a roller. The plotter contains distance scales at 1:20,000, 1:40,000, and 1:80,000 to fit the N.O.S. Coast and Harbor Charts, as well as an inch scale. Included are a semi-circular protractor for measuring courses and bearings against a meridian on the chart, and two quarter circle protractors for measuring courses and bearings against a parallel of latitude. Courses and parallel lines are transferred and kept parallel by means of two rollers which are mounted on a slide axis. Used for measuring or laying off courses and distances on a nautical chart. Instructions included. Dims: 3.5" x 12.5". Wt. 5 oz.

120 Weems Parallel Plotter™

Weems Compact Parallel Plotter

A smaller version of our traditional rolling plotter. The 8" x 2" plotter, mounted on a marine aluminum roller assembly, contains a semi-circular protractor, distance scales of 1:20,000 and 1:40,000, as well as an inch scale. Dims: 2" x 8". Wt. 3 oz.

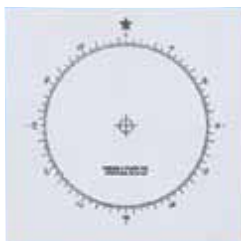
060 Compact Weems Parallel Plotter™



Course Plotter

This is a 15" course plotter with a semi-circular protractor scaled from 180° to 360° inside. Lower edge scales 1:80,000 and 1:40,000 to accommodate National Ocean Survey charts. For north and south courses, a small auxiliary protractor scale is printed inside the larger one and is used against a parallel latitude. The upper edge is scaled 1 inch equal to 20 miles to accommodate the VP-OS Universal Plotting Sheets. Dims: 4.375" x 15". Wt. 3 oz.

133 Weems & Plath® Course Plotter

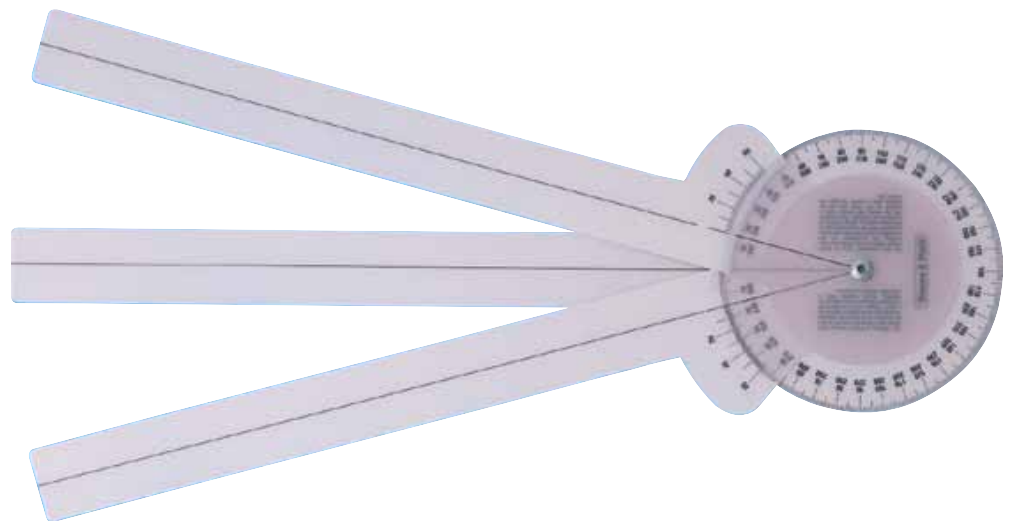


Vecta-Rose

The Vecta-Rose is a pressure sensitive compass rose that can be applied directly to your charts when the printed rose is not in a convenient location. Can be oriented to either true or magnetic north for handy reference. Dims: 4.5" x 4.5". Wt. .5 oz.

512V-12 Weems & Plath® Vecta-Rose (pack of 12)

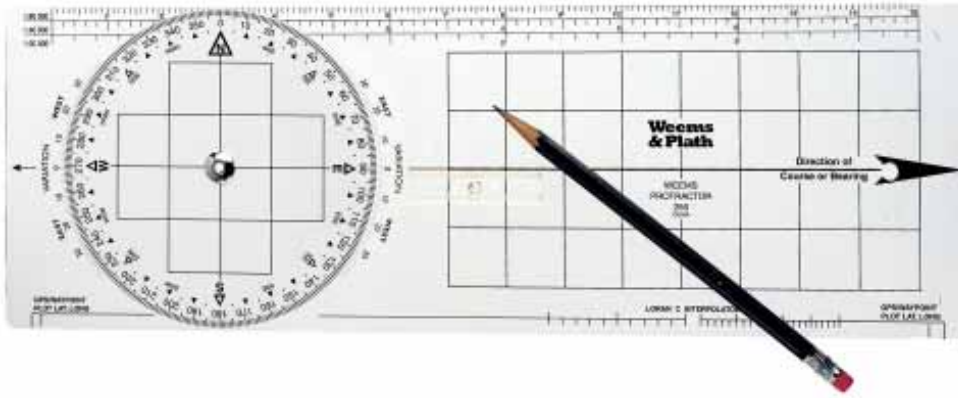
512V-6 Weems & Plath® Vecta-Rose (pack of 6)



Three Arm Protractor

Heavy duty, crystal clear acrylic construction is the foundation for this simple to use, professional plotting aid. Arms are rigid enough to trace a bearing line. Can be used to position and chart from three identifiable shore, landmark, or buoy locations. Just measure the angles on the protractor and locate your position on the chart. Moveable arms have a vernier scale for even more precise measurements. Dims: 6" x 21". Wt. 5 oz.

116 Weems & Plath® Three Arm Protractor



Weems Protractor



This navigation tool is versatile and can be used to lay off a course or a bearing, measure distance between any two points, plot a position on a chart from a given set of coordinates, or determine the coordinates of a position on a chart. It is an updated version of the Breton and Portland Plotters. Pencil and sharpener included. Dims: 15" x 5".

255 Weems Protractor

The Original bi-rola™

This rule's patented vertical and horizontal rolling motion simplifies course and plotting calculations, while the unique radial arm allows you to automatically include compass corrections in your course plotting. Dims: Length 13-7/8", Width 2-5/8", Thickness 1". Wt. 12 oz.

Features:

- Patented four-way rolling motion
- Roller body has protractor markings and a nautical mile scale
- Radial arm has Loran interpolator scales and 200 millimeter rule
- Automatic compass corrections
- When radial arm and body are used jointly, the bi-rola™ rule becomes a 440 mm (17") divider (approximately)
- A speed/time/distance table is included
- Easy to follow instructions
- Packaged in a protective, durable vinyl pouch

155 bi-rola™ Rule Rolling Plotter



P.R. 500 Rolling Plotter

Made with the professional in mind, the P.R. 500 has a considerably larger body than the smaller bi-rola™ rule. Built to take rigorous use aboard commercial and blue water vessels, the P.R. 500 provides one of the easiest methods invented for plotting courses.

Dims: Length 19-5/8", Width 3-5/8", Thickness 1-1/4". Wt. 1 lb. 10 oz.

Features:

- Patented four-way rolling motion
- Roller body has protractor markings every 1/2 degree
- 1-1/4" magnifying lens for enhancing chart data
- Easy to follow instructions
- Packaged in a protective, durable vinyl pouch

220 bi-rola™ Rule P.R. 500 Rolling Plotter



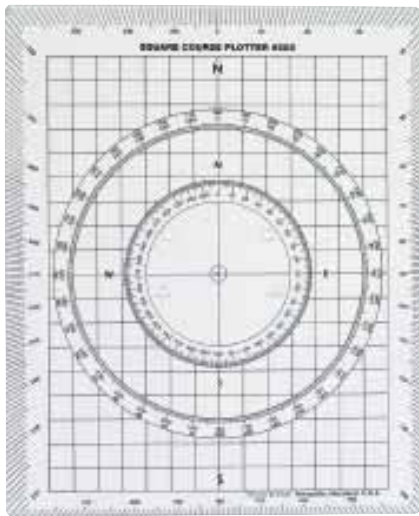
CAP'N PETE'S NAV TIP

To navigate with confidence, use all available resources. Your depth sounder can provide a very good position reference. Watch your chart for depth contours and check your position against them. If you think you should be in 35 feet of water and your sounder is showing 75, ask yourself what might be wrong. Sounder? GPS? D.R. Plot? It's easy to take approximate bearings from buoys, points of land, or lighthouses. Sight over your steering compass, then check the chart to verify your position.



CAP'N PETE'S NAV TIP

The **pencil** is your ultimate fallback navigation instrument. Even the best modern navigation electronics aren't foolproof. A good navigator will keep a ded (deduced) reckoning plot, even if only in his or her head, to double check the electronics. If you have kept a plot and periodically made note of your progress on a paper chart, you will have a good starting point in the event your "always faithful" GPS lets you down.



Square Course Plotter

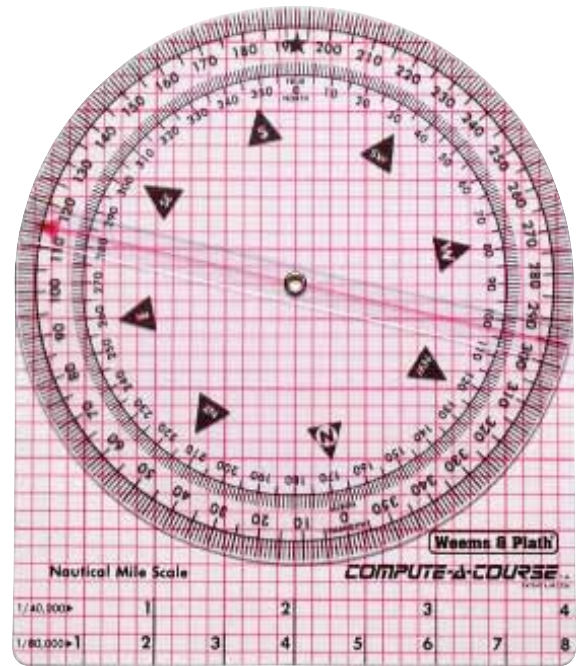
Used by the United States Power Squadrons for years, this plotter is a similar design to our square protractor, only it is slightly larger and incorporates a compass rose in the center to make calculating courses, bearings, and variation much easier. Comes in a convenient storage sleeve imprinted with easy to follow instructions. Dims: 7-3/4" x 9-7/16". Wt. 1.7 oz.

555 Square Course Plotter

Square Protractor (Not Shown)

This plain edge protractor is suitable for plotting courses and bearings. Notations can be made directly on the matte plastic surface with a pencil. Constructed of durable, transparent plastic. Instructions included. Dims: 5" square. Wt. 2 oz.

2802 5" Square Protractor



Compute-A-Course™

The Weems & Plath® Compute-A-Course™ is a compact, multi-purpose plotting tool. Ideal for general boating or commercial use. The Compute-A-Course™ can be used for position fixing, course plotting, and distance measurements with the included scales. Using the log scale on the instructions, time/distance calculations are a snap. Instructions included. Dims: 7-3/16" w x 8-1/2" h. Wt. 4 oz.

111 Weems & Plath® • Compute-A-Course™



SIDE 1
(front)



SIDE 2
(back)

Tactician's Calculator

The Tactician's Calculator is a hand-held tool for the racing sailor. This easy-to-use tool provides you with a visual depiction of what is happening on the racecourse. The Tactician's Calculator can help you determine: how square a starting line or racecourse is, what your heading will be on the opposite tack or gybe, how close you are to layline, and what point of sail you will be on for the next leg of the race. On the reverse side of the tool, there is a key to the most commonly used racing code flags that gives you a picture of the flag and an explanation of its meaning. There is also a speed/time/distance table, and an area to record both wind and racecourse information. The Tactician's Calculator comes with a #2 pencil and has holes punched in all four corners for easy tethering. Dims: 6" x 8 1/4". Wt. 3 oz.

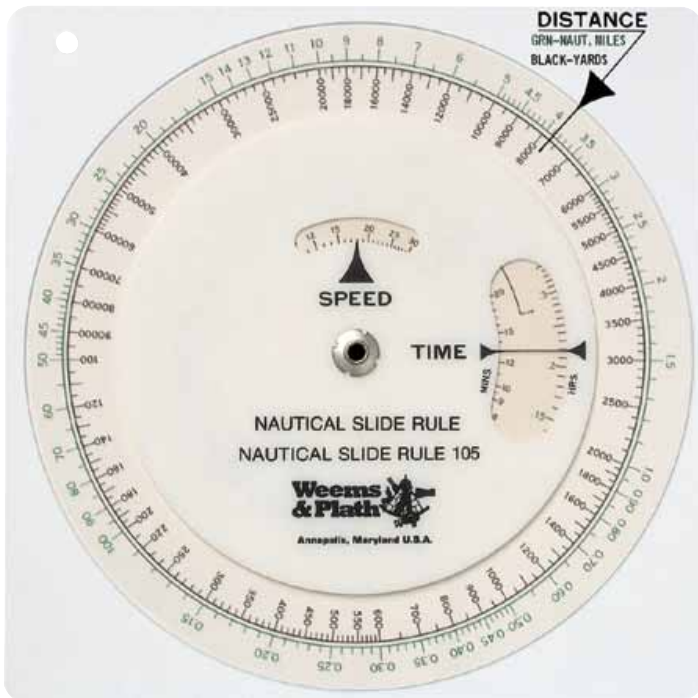
112 Tactician's Calculator



Vectormaster

An advanced navigation tool, the circular slide rule provides for the solution of time, speed and distance, fuel consumption, conversions, multiplication, and division. On the reverse, the face of the Vectormaster permits rapid solution of problems involving vectors, such as those encountered in current sailing, the determination of true wind direction and force, and the apparent wind to be expected on other headings. Given the position of a storm, and the direction and speed of its advance, you may quickly determine the course which will put maximum distance between your vessel and the oncoming storm. Instruction booklet included. Dims: 7" square. Wt. 4 oz.

501V Vectormaster



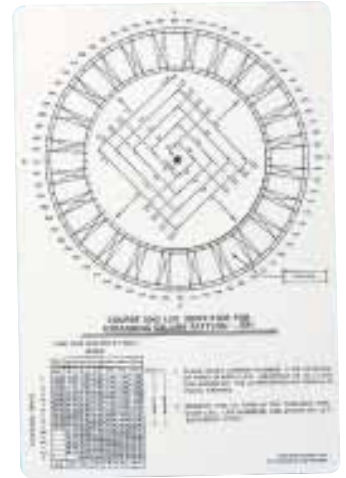
Nautical Slide Rule

Gives immediate solution to all speed-time-distance problems. Equally applicable for nautical or statute miles. Speed in knots or m.p.h., time in hours, minutes, or seconds, and distance in nautical or statute miles (or yards if desired, and if speed is in knots.) Easy to read and accurate. Standard in U.S. Navy. Dims: 7-3/8" square. Wt. 5 oz.

105 Nautical Slide Rule



SIDE 1



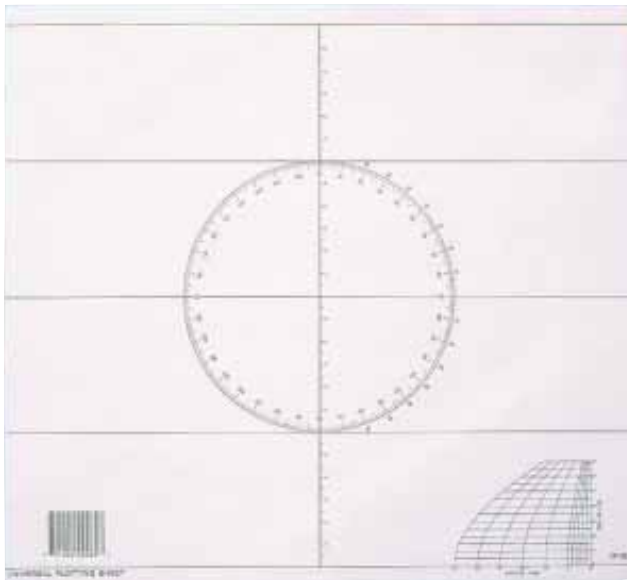
SIDE 2

Course & Leg Identifier

for Expanding Square Pattern & Sector Pattern Searches

Also known as the Search Pattern Slide Rule or Coast Guard Plotter, this tool is a "must have" for active duty Coast Guard, Auxiliaries, or anyone else who might have to run a search pattern. The Course & Leg Identifier quickly calculates the heading and run time for each leg of either an expanding square pattern or sector pattern search, giving you more time to focus on the search. Dims: 6"x 9". Wt. 3oz.

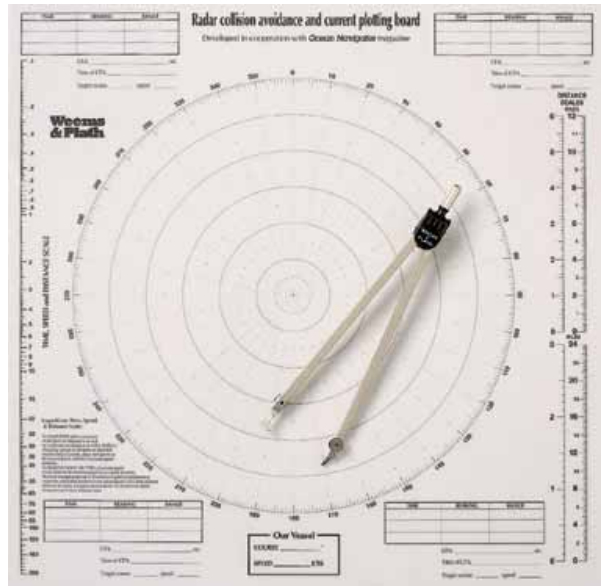
113 Course & Leg Identifier



Universal Plotting Sheets

These are also known as VP-OS sheets. A graduated circle printed at the center allows meridians of longitude to be constructed for any latitude, thus creating a custom-made chart for any geographical position. Available as a 50-page Plotting Sheet Pad. Dims: 12-7/8"x 14". Wt. 1 lb.

5910 Universal Plotting Sheets

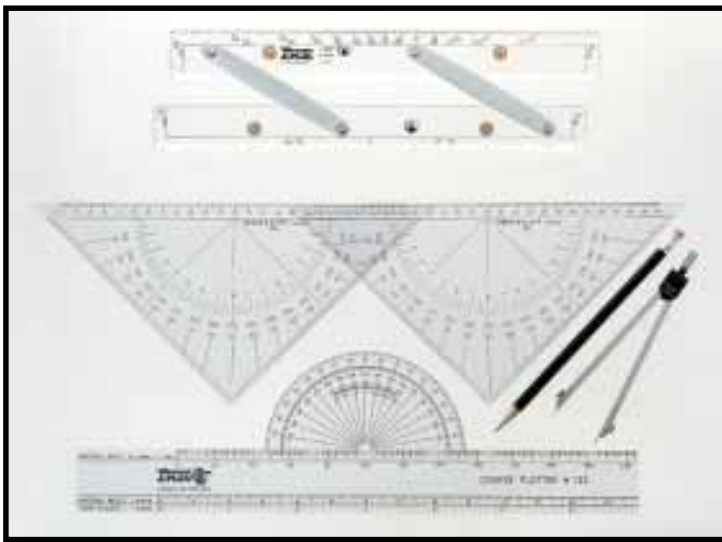


Radar Collision Avoidance and Current Plotting Board Set

Provides the mariner with an easy method for plotting radar targets to determine their course speed and possible risk of collision. Where current exists, navigators can also use the board for determining course to steer. Complete instructions and examples from the Editors of *Ocean Navigator Magazine* are printed on the back. Constructed of matte finished, film laminated PVC, the board is designed to be used with a lead pencil for accuracy, then erased. Provided complete with a special suction cup/pencil point compass.

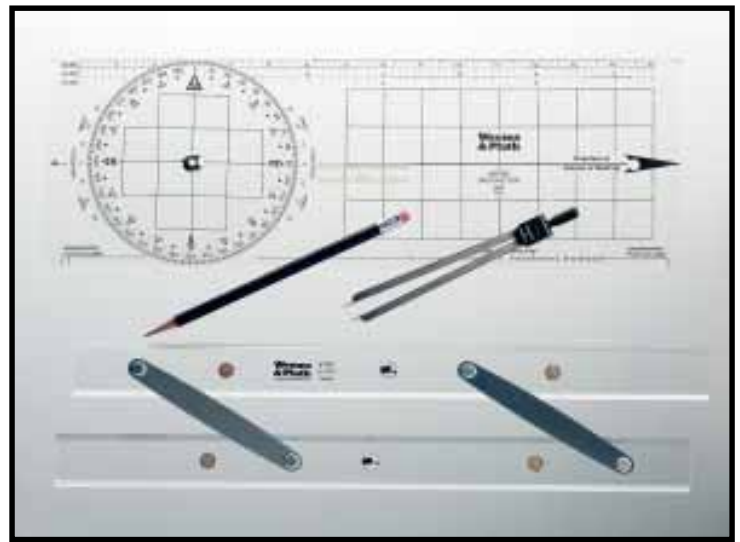
Dims: 13" square. Wt. 8 oz.

10855 Radar Collision Avoidance and Current Plotting Board Set



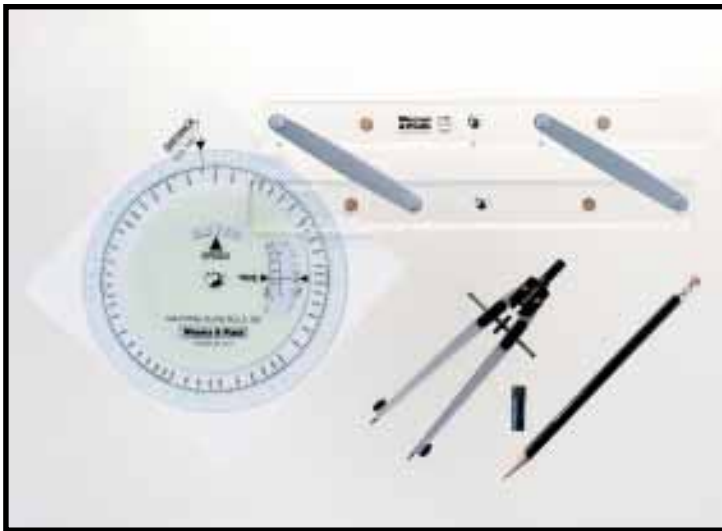
Weems & Plath® Navpak™

Includes the following Weems & Plath® plotting tools: two #103 - 45° protractor triangles, one set of the #140 - 12" parallel rulers, the #133 course plotter, one pair of #260 - 6" matte nickel dividers with replaceable points, and one #2 pencil, all in a reusable plastic pouch. Complete with comprehensive instructions. Dims: 7-1/4" x 16-5/8". Wt. 13 oz.
320 Weems & Plath® Navpak™



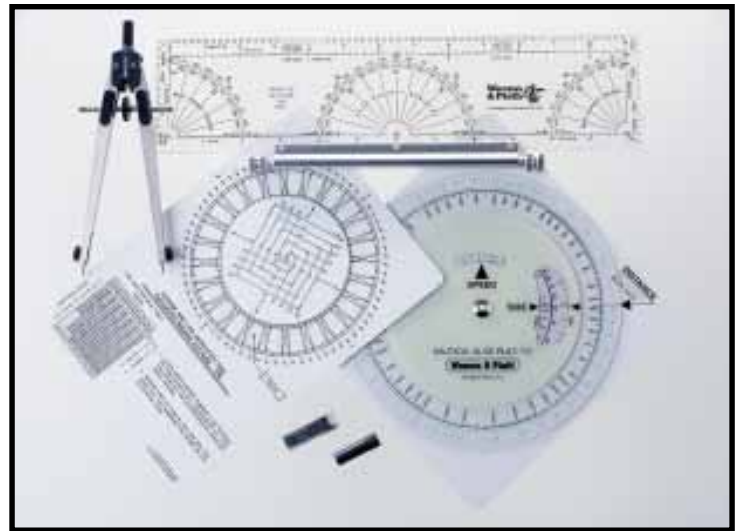
Weems & Plath® Basic Navigation Set

This set includes a #255 Weems Protractor, a #145 parallel rulers for finding bearing and direction, a #262 divider for measuring distance, a #2 pencil for making notations on the chart and in the navigation log, and a pencil sharpener. Dims: 16" x 6". Wt. 17 oz.
317 Weems & Plath® Basic Navigation Set



Weems & Plath® Primary Navigation Set

This mix of plotting tools is a tremendous value. Features: #176 Ultralight Divider along with #139 milled 12" parallel rulers, #105 Nautical Slide Rule, and a navigator's pencil. Set comes packaged in a durable plastic storage pouch. Dims: 8" x 13-3/4". Wt. 13.5 oz.
32200 Weems & Plath® Primary Navigation Set



Coast Guard Kit

The five most popular items that the U.S. Coast Guard buys in one convenient kit. The kit contains: 1 each of the #176 Ultralight Divider/Compass - our most versatile divider/compass, #7291 15-Pack of Spare Leads for the Ultralight Divider/Compass, #120 Weems Parallel Plotter - the original rolling plotter, #105 Nautical Slide Rule - speed/time/distance wheel, and the #113 Course & Leg Identifier - a.k.a. Search Pattern Slide Rule, a must for anyone performing search & rescue operations. Dims: 8-1/4" x 14". Wt. 13.5 oz.

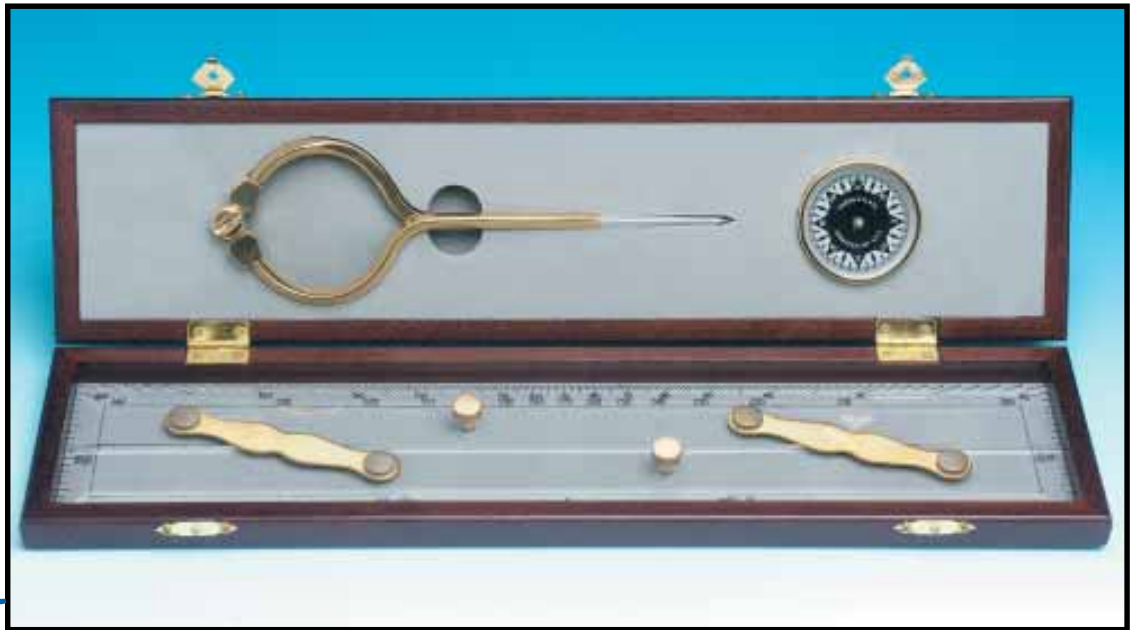
100 Coast Guard Kit

Weems & Plath®

Elegant Navigation Set

We have assembled our finest brass one-hand dividers, our deluxe brass arm parallel rules and now fitted with a 1-3/4" liquid filled brass compass in an elegant deep red mahogany finish wooden box that is fitted out with polished brass hardware. The box also accepts a brass plate (not included) suitable for engraving. Dims: 15-3/4"l x 3-3/4"w x 7/8"d. Wt. 23 oz.

319 Weems & Plath®
Elegant Navigation Set



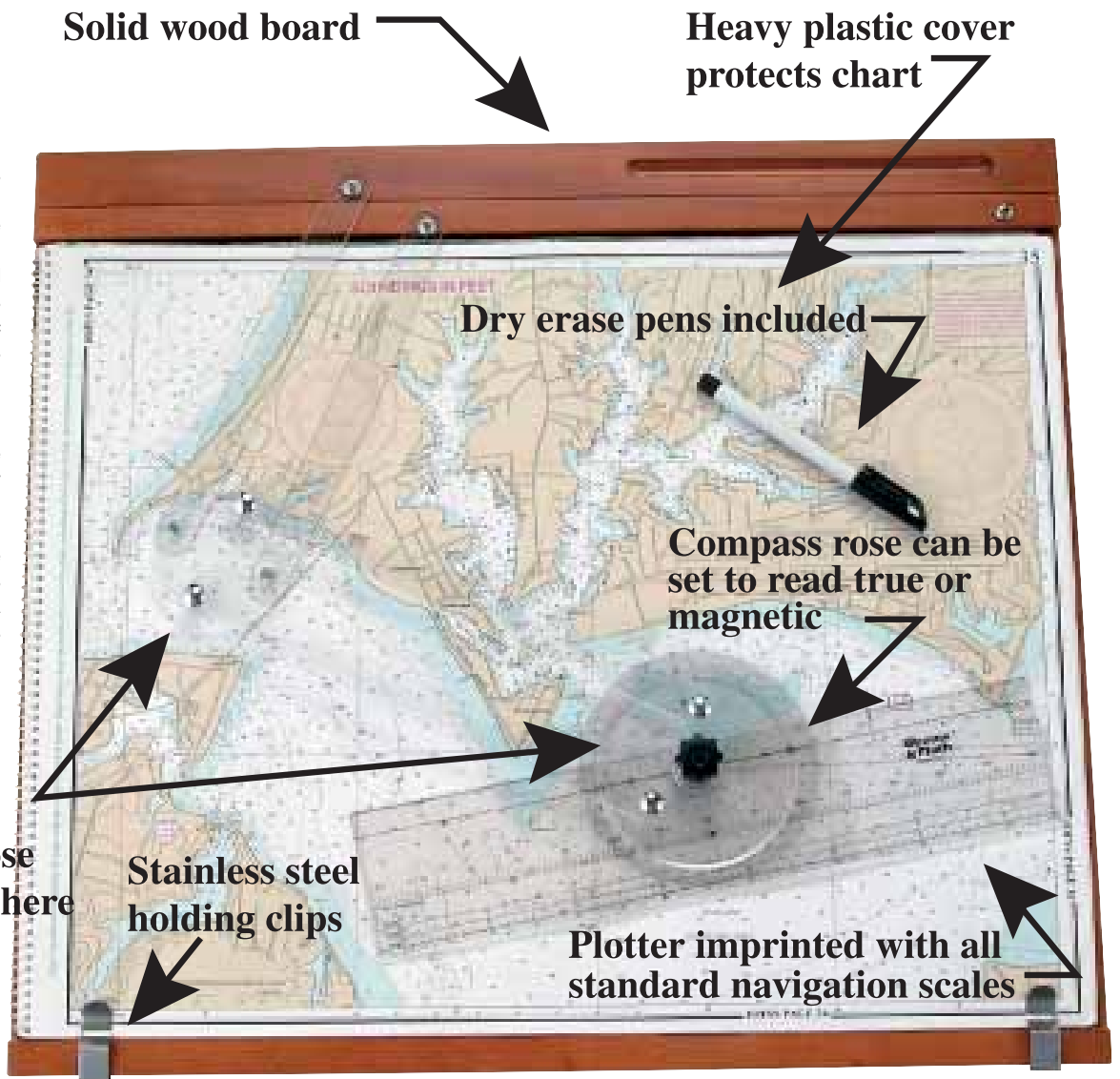
Chartkit Plotter

This portable navigation system is designed for accurate navigating with any chart, chartkit, or chartbook. The plotter is made of solid wood and an integrated adjustable parallel arm fitted with a moveable compass rose. This permits the direct plotting of magnetic compass courses and firmly supports chart work whether in the cockpit, on deck, or below. Plot a course to a given point by locking the rule at a given bearing. By moving the rule so that the point is on an edge, you quickly determine the correct line of position on a chart for that bearing. A see-through acrylic sheet overlays and protects the chart as you plot and allows for notations using a dry erase marker (included). A tough custom nylon carrying case is included. Wt: 1 lb. 10 oz.

Dims: 22-5/8" x 20-3/16".

122 Chartkit Plotter
123 Pen Set

Articulating arm allows compass rose to be moved anywhere on chart



NAVITOTE

Weems & Plath® NaviTote

The NaviTote is made from rugged Tough Duck, a PVC backed polyester duck fabric, for added strength and durability. This design has gusseted reinforced pockets and strong hanging grommets. The NaviTote was designed with input from the United States military services and is built to meet the demands of everyday use on patrol vessels. Roll it, fold it, or hang it, the NaviTote will keep your Weems & Plath® navigation tools in good order.

325 Weems & Plath® NaviTote



PACK~MATE™
 The Compressible Reusable Storage Bag
Pack it DRY!
Pack it SMALL!

XX-LARGE

Fill & Seal

Roll Out the Air

Store Small & Dry

DELUXE HEAVY DUTY

THE STORAGE BAG WITH UNLIMITED USES ON YOUR BOAT OR IN THE HOME

Save Space

Create up to 75% more space in your sea bags, backpacks, storage lockers, and more.

Waterproof

Provides a complete moisture barrier offering maximum protection to stored articles.

Easy to Use

Simple foolproof design, no special tools required. Can be utilized anywhere. No vacuum needed.

Reusable

Tough 3 mil triple laminated material is reusable over and over.

Odor & Mildew Control

One-way valve seals out odors and moisture. Protects against mold and musty odors. No more pillows with bilge-breath.

Multiple Uses

Provides a variety of packaging and storage solutions.

Three Convenient Sizes

Medium: 19 1/2" x 14"

Large: 27 1/2" x 18"

XX-Large: 38 1/2" x 27 1/2"

9600 **XX-Large PACK~MATE™**

9700 **Medium PACK~MATE™**

9800 **Large PACK~MATE™**

9500 **PACK~MATE™ Value-Pack**
 (2 large & 1 medium)



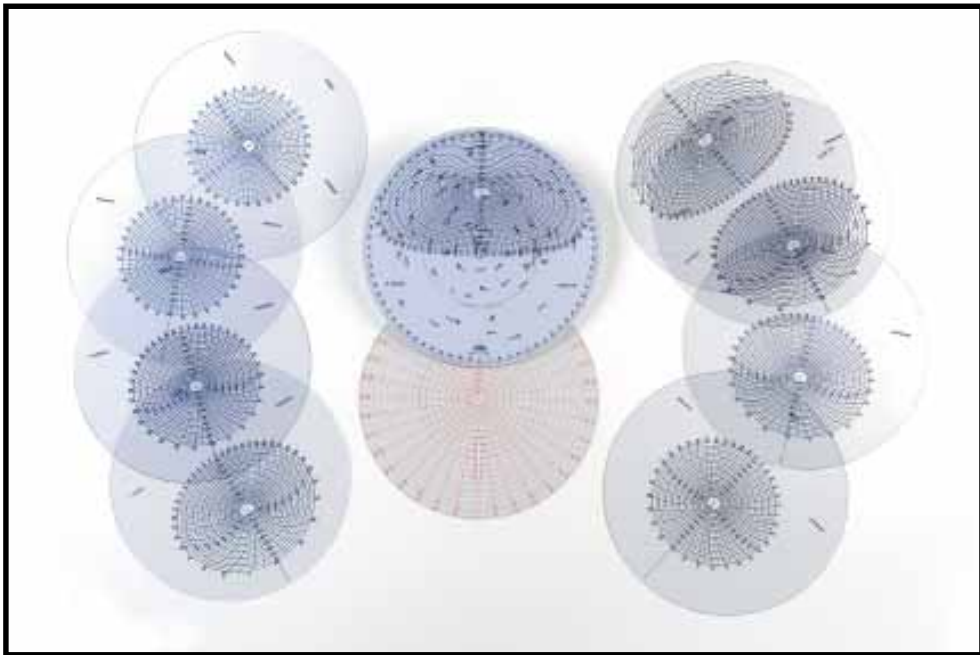
**THE PERFECT STORAGE
SOLUTION FOR CHARTS
ON AND OFF THE BOAT**

Telescoping Chart Case

Not just a tube; it's a real CASE! The reinforced rib design provides strength and the twist-lock telescoping feature easily adjusts to accommodate chart lengths from 24" to 47". The 3" diameter offers ample storage space. Each case has an adjustable shoulder strap and threaded cap for security.

Wt. 1 lb.

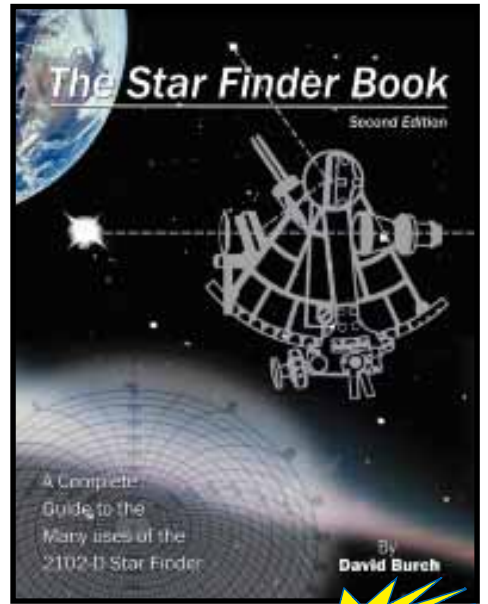
080 Weems & Plath® Telescoping Chart Case



Star Finder 2102-D

This Star Finder graphically portrays the altitude and azimuth of the fifty-seven numbered stars in the Air and Nautical Almanacs. Additional celestial bodies may be plotted on the star base. Special diagrams permit rapid check of hour angle, and also provide means of finding the altitude and azimuth of uncharted bodies, or the identification of uncharted bodies from known altitude and azimuth. Diameter: 8.5". Wt. 1 lb.

150 Weems & Plath® Star Finder 2102-D

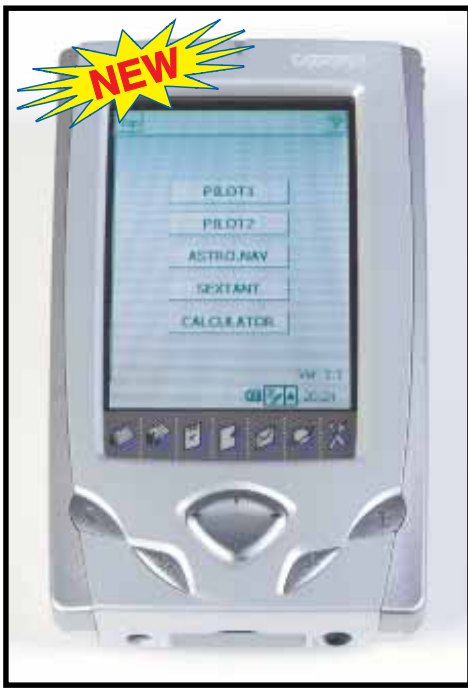


The Star Finder Book

by David Burch

A complete guide to the many uses of the 2102-D Star Finder. This book also aids the navigator with star and planet identification and height and bearing predictions. Dims: 8.5" x 11". Wt. 10 oz.

152 The Star Finder Book



Tamaya NC-2100 Navigation Computer

This navigation computer is designed for the professional marine or open ocean yachtsman. The NC-2100's PDA format has a large display, and easy to understand prompts provide a very user friendly navigation computer. It features course and distance, ded reckoning, great circle, ETA, current, LOP, and meridian passage computations. Additional features include: HMS and HHH conversions, a long term Nautical Almanac, twilight, azimuth and altitude computations for celestial bodies. The unit can also input latitude and longitude from a GPS receiver. Wt: .38 lb. Dims: 3" x 4.75" x .7".

NC-2100 Tamaya Navigation Computer



Celestial Slide Rule

The Celestial Slide Rule will significantly reduce the effort and time for determining values used in celestial navigation. The slide rule has GH (Greenwich Hour Angle), LHA (Hour Angle), t (Meridian Angle), SHA (Sidereal Hour Angle), and observers meridian. When two or more of the values are known, the rest can be determined by a single alignment. Diameter: 7". Wt. 2 oz.

7543 Weems & Plath® Celestial Slide Rule



The Tamaya Spica

The quality of this sextant has been proven in many years of use by ocean-going navigators. Its optical system is designed to ensure maximum performance with a full 57mm index mirror. Interchangeable telescopes available in 4x40mm or 7x35mm. Features a special rubber eye protector and full illumination of both the arc and drum. The sextant can be stored in the fitted case with either scope mounted.

SPECIFICATIONS

Measuring Range: -5° to 125°.

Accuracy: +/- 10 seconds.

Telescopes: 4x40mm: angle of view 7°, relative brightness 100. 7x35mm: angle of view 6.5°, relative brightness 25. All optics are fully coated.

Frame: Lightweight die cast aluminum alloy with corrosion resistant black finish. Bronze arc.

Vernier Scale: reads to 0.2'.

Index Mirror: 57x42mm. Aluminized on the rear side.

Horizon Mirror: 57mm diameter.

Shades:

- 1) 4 for index mirror.
- 2) 3 for horizon mirror.
- 3) One special shade glass and one Polaroid glass for eyepiece of telescope.

Weight: 4 lbs.

Carrying Case: Molded plastic, with two slide locks.

MS 733 Spica with Split Horizon Mirror
(add scope listed separately)



The Tamaya Jupiter

The Jupiter is Tamaya's full sized "best value" sextant. It has many of the features of more expensive sextants. The mirrors are large; a 57x42mm index and a 57mm diameter horizon. The inclined handle provides a natural and comfortable grip. Built to rigid specifications and engineered for quality, the Jupiter professional marine sextant is the most popular selling sextant Tamaya offers. Full illumination on both the arc and drum is provided. The optional, interchangeable scope is available in your choice of 4x40 or 7x35.

SPECIFICATIONS

Measuring Range: -5° to 125°.

Accuracy: +/- 12 seconds.

Telescopes: 4x40mm: angle of view 7°, relative brightness 100. 7x35mm: angle of view 6.5°, relative brightness 25. All optics are fully coated.

Frame: Lightweight die cast aluminum alloy with corrosion resistant black finish. Bronze arc.

Vernier Scale: reads to 0.2'.

Index Mirror: 57x42mm. Aluminized on the rear side.

Horizon Mirror: 57mm diameter.

Shades:

- 1) 4 for index mirror.
- 2) 3 for horizon mirror.

Weight: 3 lbs. 12 oz.

Carrying Case: Molded plastic, with two slide locks.

MS 833 Jupiter with Split Horizon Mirror
(add scope listed separately)

SCOPES FOR SPICA & JUPITER

330 4x40 Scope

331 7x35 Monocular

70 005 3.5x40 Scope (also fits C. Plath sextants)

CAP'N PETE'S NAV TIP

Hold your watch so the face is flat and facing up and point the hour hand towards the sun. Imagine a line that bisects the angle between the hour hand and twelve: it will point more or less south, and the



reciprocal will be north. In the southern hemisphere, the figure 12 is pointed towards the sun, and the line which bisects the angle between twelve and the hour hand will indicate north.

Weems & Plath® BINOCULARS

Since 1928, navigators have relied on the Weems & Plath name for safe passage. These rugged all-weather binoculars are hermetically sealed and nitrogen purged for true waterproof and fog proof performance.

Navy One and Apache optics are extremely sharp and bright. By using high purity index lenses and prisms, aligned to perfection, the best possible image quality is achieved. Exclusive SPARC (Stimulated Penetration Anti-Reflection Coatings) optics eliminate internal glare and ghost images resulting in very high light transmission at night or in low light. The anti-corrosive, lightweight aluminum body will pass the military specification drop/shock test from 6 feet, and withstand a vibration test equal to 20 gravities of force. Extreme temperature resistance and waterproofing make the Navy One and Apache perfect for marine use and other tough outdoor activities. All Navy One and Apache binoculars have a five-year limited factory warranty against defects, fogging, or leakage.



7x50 Navy One Binocular

The checkered grips offer a slip-proof, positive grip. Meets or exceeds U.S. Navy specifications, SPARC optics provide nearly 95% light transmission. Black rubber armored. Wt: 43 oz., Field of view: 389' at 1000 yards.
BN1A2 7x50 Navy One Binocular Black Armor

Specifications:

Magnification: 7x
Objective lens: 50mm
Exit pupil: 7.1mm
Eye Relief: 15mm
Prism type: BAK-4 Porro Prism
Weight: 38.58 ozs.
Field of view: 7.4°, 389 ft. at 1,000 yards
Light efficiency: 95%
Waterproof and Nitrogen gas filled
Focusing System: Individual eyepiece focusing

7x28 Apache Binoculars

After the Gulf War, the U.S. Army decided that it wanted more "eyes" on the battlefield. The Army developed a specification called the "M-24" which was designed to be a compact binocular that would fit in the pocket of a battle dress uniform (BDU) and be as rugged, have the same magnification, and nearly equal the optical performances of the bigger binoculars. The 7x28 Apache is built to the same tough standards as the M24 binoculars. The new M24 is the first "pocket-sized" military binocular ever issued on a large scale. The optional reticle (left view side) allows for easy range or distance estimation. Wt: 13.5 oz., Field of view: 362' at 1000 yards.

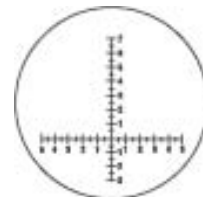
BN29 7x28 Apache Military Binoculars with reticle

Specifications:

Magnification: 7x
Objective lens: 28mm
Exit pupil: 4mm
Eye Relief: 15mm
Prism type: BAK-7 14.6mm roof prisms
Weight: 14.5 ozs.
Field of view: 7°, 367 ft. at 1,000 yards
Light efficiency: 90%
Waterproof and Nitrogen gas filled
Rangefinding reticle in left lens
Focusing System: Individual eyepiece focusing



Reticle scale as seen through left lens on BN29



7x50 Center Focus Binoculars

The center focus mechanism allows for quick, easy adjustment to different focal ranges, making them perfect for boating or any other outdoor activity.

637 7x50 Center Focus Binoculars

Specifications:

Magnification: 7x
Objective lens: 50mm
Exit pupil: 7.1mm
Eye Relief: 27.4
Prism type: BAK-4 Porro Prism
Weight: 34 ozs.
Field of view: 350 ft. at 1,000 yards
Light efficiency: 80%
Waterproof/Fogproof

Includes:

Deluxe neck strap
Objective & ocular lens covers
Padded nylon carrying case
5 year guarantee



7x50 IF Binoculars w/Compass

The illuminated compass, rangefinder, and individual eye focus are especially suited for navigation while boating or any other outdoor activity.

647C 7x50 IF Binoculars w/Compass

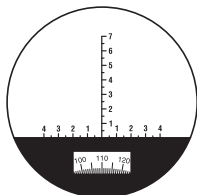
Specifications:

Magnification: 7x
Objective lens: 50mm
Exit pupil: 7.1mm
Eye Relief: 27.4
Prism type: BAK-4 Porro Prism
Weight: 41 ozs.
Field of view: 350 ft. at 1,000 yards
Light efficiency: 85%
Waterproof/Fogproof
1° increment compass
Rangefinding reticle in left lens

Includes:

Batteries for compass light
Deluxe neck strap
Objective & ocular lens covers
Padded nylon carrying case
5 year guarantee

Reticle scale as seen through left lens on 647C



Weems & Plath®

Hand Bearing Compass

The Hand Bearing Compass can be used in two different ways. To take the bearing of a point, the compass is held near the eye and read down the line of sight. A stable bearing appears in the prism in perfect focus day or night. For quick reference, a heading can be determined by looking straight down at the compass and reading the degree shown with the magnifying lens. The contrasting black and red numbers on the compass card make it quick, clear, and easy to read. The compass features a liquid-dampened card with photo luminescent night lighting that quickly charges by placing the compass momentarily under bright light. No batteries are required. A colorful, sturdy, rubber housing protects the compass. It also includes an integral lanyard, which serves as a convenient neck or wrist strap. The compass has a lifetime warranty, is factory certified, and is accurate to within 1 degree. It measures 1-3/16" high x 3-3/16" diameter and weighs 4.6 ounces. The package includes directions for use and a numbered calibration certificate.

2004 Hand Bearing Compass, Yellow/Blue



Elegant Hand Bearing Compass

This elegant version of our popular hand bearing compass is housed in a rich high lacquer wood case that has been hand varnished and polished at least seven times. The lanyard can be removed depending on the owner's needs. The underside of the compass is covered by a thick brass back plate that can even be custom engraved. Packaged in an attractive gift box. Dims: 3-3/16" diameter. Wt. 5.2oz

4004 Elegant Hand Bearing Compass

C. PLATH MERKUR® COMPASS



Merkur® SR installed on Cigarette 38 Top Gun®.

- Full spherical construction with internal gimbal system.
 - Accuracy of indication: less than or equal to 1°.
 - Lag error: less than or equal to 2°.
 - Oscillation period: greater than or equal to 4.7 sec.
- The above values exceed the ISO norm (International Organization of Standards).
- Temperature range: -22°F to 158°F.
 - Vibration resistance exceeds the requirements of the BSH (German Hydrographic Institute).
 - Seawater resistant, light alloy housing. Super-strong glass dome, insensitive to ultraviolet radiation.
 - Red dazzle-free illumination.

- Concave card with clear 5° graduation.
- Glass dome guaranteed for life against cracking, crazing, and yellowing under normal use.
- Oscillation-free double bottom compensates volumetric changes.
- Full internal gimbal system accommodates all angles of heel without compromising accuracy (all models except VZE.)
- Apparent card diameter: 4-3/4" (120mm).
- Weight: 4 lbs. 8 oz.
- Three year warranty on body.
- Lifetime warranty on glass dome.

Merkur® SE

- For horizontal flush surface mounting.
- 3 lubber lines.
- Compensation capsule available.
- USCG Approved #160.014/9.
- Used on most lifeboats.

73 318 Merkur® SE, Black

Merkur® SR

- For horizontal flush mounting or bracket mounting.

73 319 Merkur® SR, Black

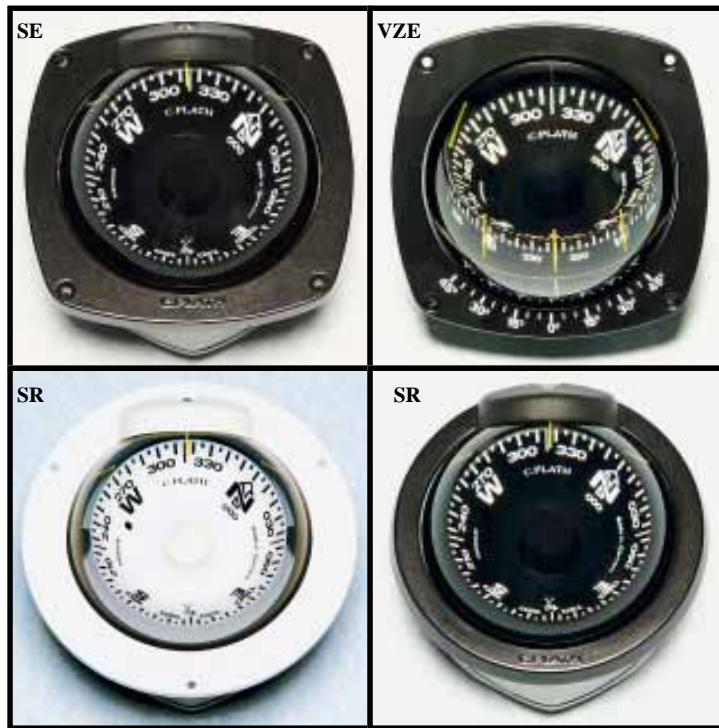
73 115 Mounting Bracket

Merkur® SR High Speed

- High speed/highly dampened.
- For horizontal flush mounting.
- 3 lubber lines.
- Compensation capsule available.
- Optional glare guard.
- USCG Approved #160.014/11.

73 157 Merkur® SR HD High Speed, Power, Black Card and Bezel

74 472 Merkur® SR High Speed, White Card and Bezel



Merkur® VZE

- High speed/highly dampened design.
- For flush bulkhead mounting.
- Both models can be mounted with a 5° variance.
- 6 lubber lines for easy reading at any angle.
- Duplex card: easily read as a direct or dished card.
- Optional back cover for neat installations.
- Compensation capsule available for easy compensation.

73 430 Merkur® VZE Compass, Black Card and Bezel

74 471 Merkur® VZE Compass, White Card and Bezel (available by special order)

73 370 Bulkhead Back Cover - Black

73 371 Bulkhead Back Cover - White

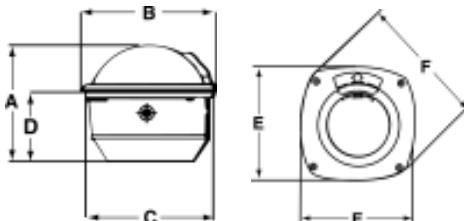
Options for All Models:

73 137 Merkur® Compensation Capsule

Merkur® SE & VZE Dimensions:

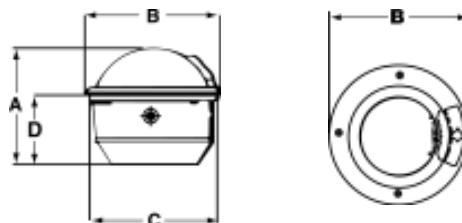
A	B	C
5"	5-3/4"	5-1/2"
126mm	145mm	139mm

D	E	F
2-4/5"	5-3/4"	6-3/5"
72mm	145mm	168mm



Merkur® SR Dimensions:

A	B	C	D
5"	6-1/4"	5-1/2"	2-7/8"
126mm	159mm	139mm	72mm



Merkur® compasses are used exclusively on all Cigarette® boats.

C. PLATH VENUS[®] YACHT COMPASS

- Full spherical construction with internal gimbal system.
- Balanced for use in northern and southern hemispheres.
- Accuracy of indication: less than or equal to 1°. Lag error: less than or equal to 2°. Oscillation period: less than or equal to 4.7 sec.
- Dished card with 1° graduation.
- Red dazzle-free illumination for 12 volt (24V by special request.)
- Oscillation-free double bottom compensates volume changes in compass fluid.
- Accuracy at all angles of heel insured by the full internal gimbal system.
- Apparent card diameter: 5-3/4" (150mm).
- Cutout diameter: 6" (152mm).
- Weight of compass: 6 lbs. 12 oz.
- Weight of cylinder: 4 lbs. 1 oz.
- Three year warranty on body.
- Lifetime warranty on glass dome.

These values exceed the ISO norm (International Organization of Standards).

- Temperature range: -22°F to 158°F. Corresponds with the ISO norm for commercial shipping.
- Vibration resistance exceeds the requirements of the BSH (German Hydrographic Institute).
- Seawater resistant light alloy housing with super-strong glass dome that is insensitive to ultraviolet radiation.



Venus[®] Compass

- 73 322 Venus[®] Compass, 1° card
- 73 245 Venus[®] Compass, 5° card



73 322



73 245

Options for All Models:

- 73 467 Venus Compensation Capsule
- 73 464 White Cylinder Mount (accommodates 5" Edson and Yacht Specialties steering columns and consoles)
- 73 460 Black Cylinder Mount (accommodates 5" Edson and Yacht Specialties steering columns and consoles)
- 73 310 White Detachable Hood
- 73 260 Black Detachable Hood
- 73 311 White Hood with Visor
- 73 253 Black Hood with Visor

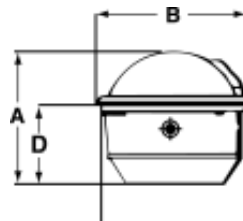
**WORLDWIDE
BALANCE!
REAL GLASS
DOME!**

**1° or 5° — 5-3/4"
Apparent Card Size**



Dimensions:

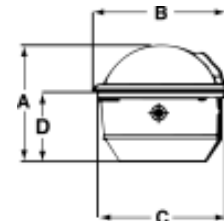
A	B	C
8-3/8"	7-7/8"	4-3/4"
213mm	200mm	120mm



Dimensions:

A	B	C	D
7-1/4"	7-1/8"	6"	3-5/8"
183mm	181mm	152mm	93mm*

* with compensation capsule add 5/8" (15mm)



SAFE BOATING LABELS

<p>PRE-DEPARTURE CHECKLIST</p> <ol style="list-style-type: none"> 1. Electronics, safety equipment, correct number of P.F.D.s. 2. Ventilate and check bilge. 3. Horn and nav. lights. 4. Slow loose gear. 5. Instruct guests on safety and operation of vessel. 6. Engine and water levels. 7. Fuel levels. 8. "File" float plan. <p>Weems & Plath</p>	<p>PHONETIC ALPHABET & MORSE CODE</p> <table border="0"> <tr><td>A</td><td>ALPHA</td><td>— · —</td></tr> <tr><td>B</td><td>BRAVO</td><td>— · · · ·</td></tr> <tr><td>C</td><td>CHARLIE</td><td>— · · — ·</td></tr> <tr><td>D</td><td>DELTA</td><td>— · · ·</td></tr> <tr><td>E</td><td>ECHO</td><td>·</td></tr> <tr><td>F</td><td>FOXTROT</td><td>· · · —</td></tr> <tr><td>G</td><td>GOLF</td><td>— · — ·</td></tr> <tr><td>H</td><td>HOTEL</td><td>· · · ·</td></tr> <tr><td>I</td><td>INDIA</td><td>· ·</td></tr> <tr><td>J</td><td>JULIETT</td><td>· — — —</td></tr> <tr><td>K</td><td>KILO</td><td>— · —</td></tr> <tr><td>L</td><td>LIMA</td><td>· — · ·</td></tr> <tr><td>M</td><td>MIKE</td><td>— · —</td></tr> <tr><td>N</td><td>NOVEMBER</td><td>· — ·</td></tr> <tr><td>O</td><td>OSCAR</td><td>— — —</td></tr> <tr><td>P</td><td>PAPA</td><td>· — — ·</td></tr> <tr><td>Q</td><td>QUBEC</td><td>— — · —</td></tr> <tr><td>R</td><td>ROMEO</td><td>· — · ·</td></tr> <tr><td>S</td><td>SIERRA</td><td>· · ·</td></tr> <tr><td>T</td><td>TANGO</td><td>— —</td></tr> <tr><td>U</td><td>UNIFORM</td><td>· · —</td></tr> <tr><td>V</td><td>VICTOR</td><td>· · · ·</td></tr> <tr><td>W</td><td>WHISKEY</td><td>— — —</td></tr> <tr><td>X</td><td>X-RAY</td><td>— · · —</td></tr> <tr><td>Y</td><td>YANKEE</td><td>— · — ·</td></tr> <tr><td>Z</td><td>ZULU</td><td>— · · ·</td></tr> </table> <p>Weems & Plath</p>	A	ALPHA	— · —	B	BRAVO	— · · · ·	C	CHARLIE	— · · — ·	D	DELTA	— · · ·	E	ECHO	·	F	FOXTROT	· · · —	G	GOLF	— · — ·	H	HOTEL	· · · ·	I	INDIA	· ·	J	JULIETT	· — — —	K	KILO	— · —	L	LIMA	· — · ·	M	MIKE	— · —	N	NOVEMBER	· — ·	O	OSCAR	— — —	P	PAPA	· — — ·	Q	QUBEC	— — · —	R	ROMEO	· — · ·	S	SIERRA	· · ·	T	TANGO	— —	U	UNIFORM	· · —	V	VICTOR	· · · ·	W	WHISKEY	— — —	X	X-RAY	— · · —	Y	YANKEE	— · — ·	Z	ZULU	— · · ·	<p>VHF REMINDERS</p> <p>TYPES OF EMERGENCIES</p> <p>"MAYDAY" Imminent danger of life or property requiring immediate assistance.</p> <p>"PAN-PAN" Urgent message regarding safety of a person or property.</p> <p>"SECURITE" (say-car-ity) Message concerning safety to navigation or important weather conditions.</p> <p>SPEAK: SLOWLY—CLEARLY—CALMLY</p> <ul style="list-style-type: none"> • Whenever radio is on, keep tuned to Channel 16 unless specifically using another channel. • At the beginning and end of each communication give your call sign. • Before transmitting, listen for 30 seconds to see if channel is being used. • Make initial contact on Channel 16 then change to an appropriate unused channel. • Use radio's low power setting whenever possible. <p>Weems & Plath</p>
A	ALPHA	— · —																																																																														
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<p>VHF CHANNELS FOR RECREATION BOATS</p> <table border="1"> <thead> <tr> <th>PURPOSE</th> <th>CHANNEL</th> </tr> </thead> <tbody> <tr> <td>Distress, Safety, Calling</td> <td>16</td> </tr> <tr> <td>Safety (ship/ship only)</td> <td>6</td> </tr> <tr> <td>Recreational Use</td> <td>9, 68-69, 71-72, 78</td> </tr> <tr> <td>Marine Operator</td> <td>24-28, 84-87</td> </tr> <tr> <td>Locks, Canals, Pilots, Bridges</td> <td>13</td> </tr> <tr> <td>Digital Selective Calling (DSC)</td> <td>70</td> </tr> </tbody> </table> <p>Weems & Plath</p>			PURPOSE	CHANNEL	Distress, Safety, Calling	16	Safety (ship/ship only)	6	Recreational Use	9, 68-69, 71-72, 78	Marine Operator	24-28, 84-87	Locks, Canals, Pilots, Bridges	13	Digital Selective Calling (DSC)	70																																																																
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Rite in the Rain® All-Weather Paper

With "Rite in the Rain" bond all-weather paper, you will laser print or copy your own all-weather forms, charts, and worksheets. Not recommended for ink jet printers. 8-1/2" x 11" sheets.

- 8510 Rite in The Rain® All Weather Paper (10-pack)
- 8511 Rite in The Rain® All Weather Paper (200-pack)

#91000 Phonetic Alphabet and Morse Code Label

- Complete A-Z listing of the phonetic alphabet and Morse code.
- Dims: 2-3/4" x 6".

#91001 VHF Reminders Label

- Descriptions of various types of emergencies.
- Proper emergency transmission procedures.
- Dims: 2-3/4" x 6".

#91002 Pre-Departure Checklist Label

- Quick reminders of important items and procedures to check before leaving on any cruise.
- Dims: 2-3/4" x 6".

#91003 VHF Channels for Recreational Boats Label

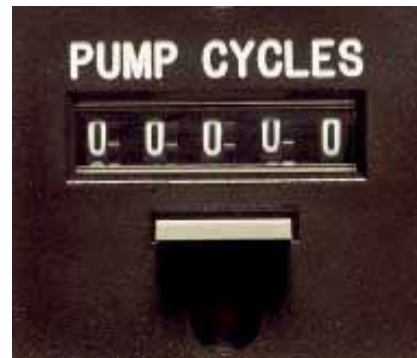
- Simple, easy to use reference guide for channel usage.
- Dims: 6" x 3-3/4".



Safety Whistle

This is a "pea-less whistle" with no moving parts to jam and is EXTREMELY LOUD. A blast from this whistle rises above man-made noise and environmental noise — up to 115 decibels. It works underwater, which makes it the ideal safety whistle for life vests. Wt: 15 oz.

9011 Weems & Plath® Safety Whistle

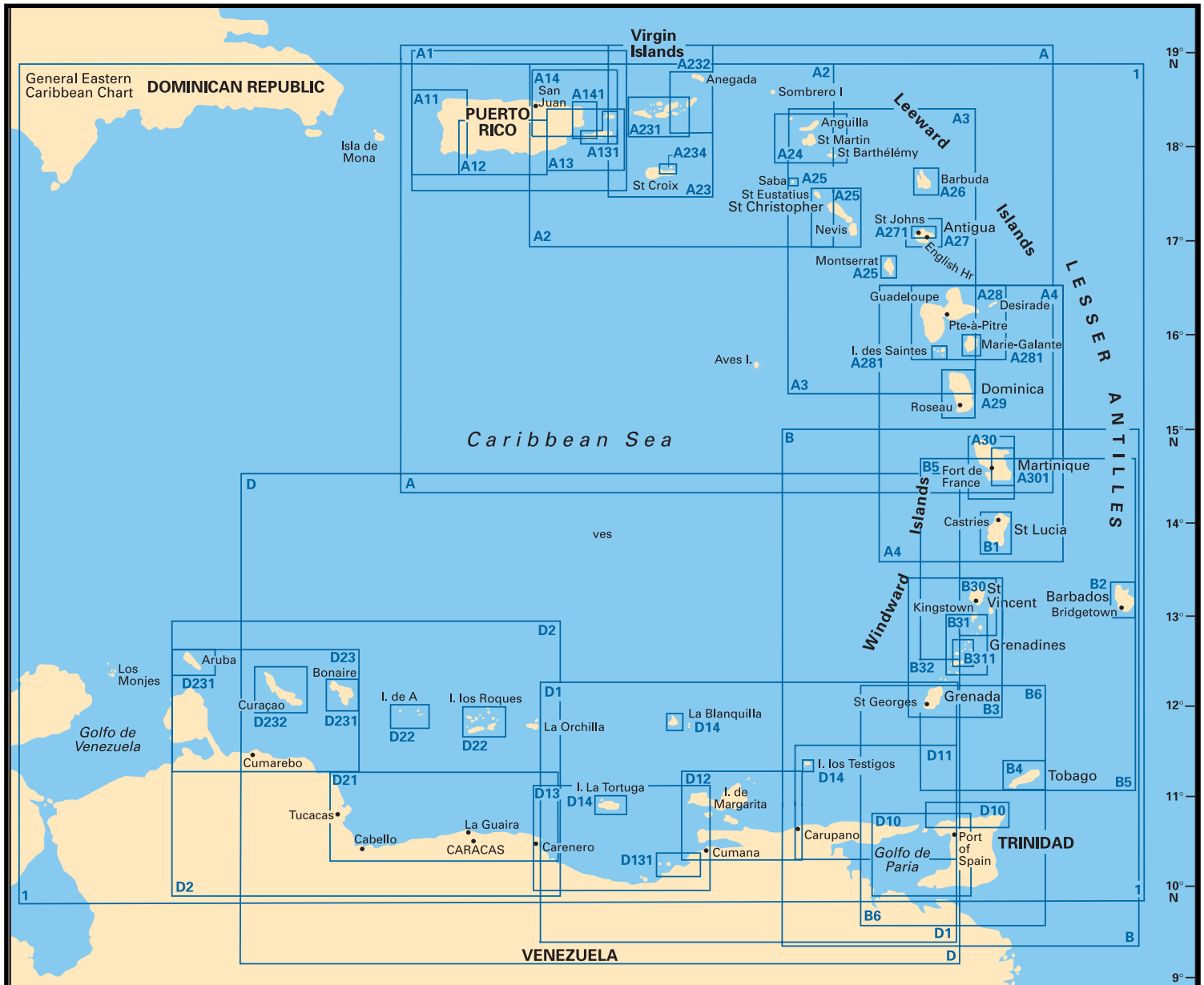
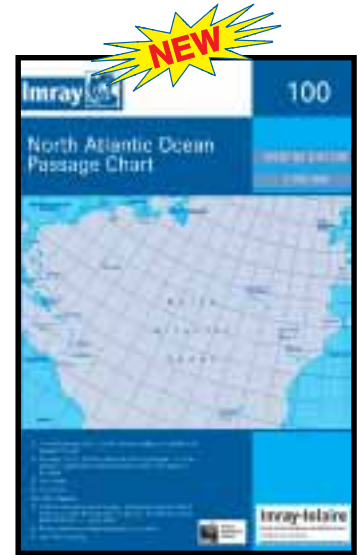
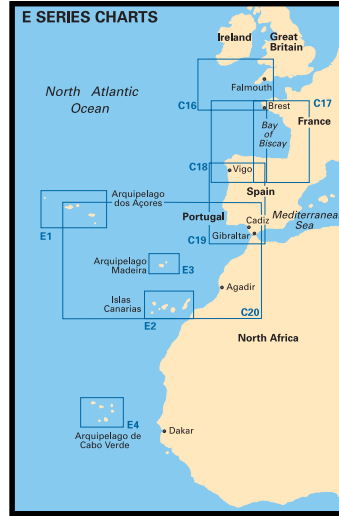


Pump Cycle Recorder

The Pump Cycle Recorder counts every time your bilge pump cycles on. With the manual reset switch, you can monitor, record, and reset at desired intervals. This allows you to accurately monitor pump performance and gives you telltale clues to your hull condition or through hull fittings. Rugged 40 million-count lifecycle. 12 or 24 VDC operating voltage. Low 0.1 A power consumption. Complete instructions supplied. Wt. 8 oz.. Dims: 1.8" x 1.8" x 2.7" deep.

- 35024 24V Pump Cycle Recorder
- 35198 12V Pump Cycle Recorder

Imray-Iolaire charts are printed in color and published in two standard sizes, 640 x 900 cm (25" x 35.5") and 640 x 450 cm (25" x 17.75"). Extra information for the cruiser has been incorporated using official surveys, and Street's own experience; in particular, his notes and surveys regarding passages and anchorages, and details of facilities for voyagers. Each chart has large scale inserts of the various important harbors and anchorages.



- #1 Eastern Caribbean General Chart.** 1:1,824,000
Plans: Monjes del Sur
- A Lesser Antilles –Puerto Rico to Martinique. Passage Chart** 1:930,000

PUERTO RICO

- A1 Puerto Rico. Passage Chart** 1:285,000
Plans: San Juan, Bahía de Ponce, Puerto Arecibo, Bahía de Mayaguez
- A11 Bahía de Guanica to Punta Borinquen.** 1:116,700
Plans: Bahía de Mayaguez, Puerto Real, Bahía de Boqueron, Approaches to La Parguera
- A12 Punta Figuras to Bahía de Guanica.** 1:116,700
Plans: Arroyo, Bahía de Ponce, Bahía de Jobs, Bahía de Guanica, Bahía de Guayanilla, Isla Caja de Muertos, Punta Petrona
- A13 Cabo San Juan to Culebra I and Punta Figuras.** 1:116,700
Plans: Pasaje Medio Munda, Ensenada Honda, Palmas del Mar, Puerto Arroyo & Puerto Patillas
- A131 Isla de Culebra.** 1:33,500 **Isla de Vieques.** 1:44,500
Plans: Esperanza, Ensenada Honda
- A14 San Juan to Isla de Vieques & Isla de Culebra.** 1:116,700
Plans: Cayo Lobos, Marina Puerto Chico, Las Groabas, Isleta Marina, Isla Palominos, Bahía de San Juan, Puerto del Rey Marina
- A141 Cabo San Juan to Ensenada Honda & Isla de Vieques.** 1:40,000

VIRGIN ISLANDS

- A2 Puerto Rico to St Christopher. Passage Chart** 1:416,000
Plan: Sombrero I
- A23 Virgin Islands. 1:280,600 St Croix.** 1:101,400
Plans: Christiansted, Port Alucroix & Limetree Bay, Frederiksted, Green Cay Marina
- A231 Virgin Islands–St Thomas to Virgin Gorda.** 1:88,300
Plans: Charlotte Amalie, Virgin Gorda Yacht Harbour, Roadtown Harbour, Sea Cow Bay & Nanny Cay Marina, Cruz Bay
- A232 Virgin Islands–Tortola to Anegada.** 1:87,550
Plans: Gorda Sound, South Sound, Roadtown Harbour & Approaches, Virgin Gorda Yacht Harbour
- A233 Virgin Islands.** A231 & A232 printed on a double sided sheet.
- A234 Northeast Coast of St Croix.** 1:27,700
Plans: Salt River Bay, Christiansted Harbour, Green Cay Marina

LEEWARD ISLANDS

- A24 Anguilla, St Martin & St Barthélemy.** 1:100,000
Plans: Road Bay, Oyster Pond, Gustavia, Prickly Pear Cays, Crocus Bay, Shoal Bay & Island Harbour, Groot Baai, Simsonbaai, Anse de Marigot
- A241 St Barthelemy.** 1:33,800
Plan: Gustavia
- A242 St Martin.** 1:48,900
- A25 St Eustatius, St Christopher, Montserrat and Nevis.** 1:103,600
Plans: Saba I., (30,500) Montserrat I., (104,000) Fort Baai (Saba), Basseterre Bay (St Kitts), The Narrows, Plymouth (Montserrat), Oranjebaai (St Eustatius)
- A26 Barbuda–Southwest Coast.** 1:35,600
Plans: Gravenor Bay
- A27 Antigua.** 1:57,600
Plans: Nonsuch Bay, Mamora Bay, Falmouth and English Harbours
- A271 North Coast of Antigua.** 1:29,600
- A28 Guadeloupe.** 1:141,000
Plans: Pointe-à-Pitre, Anse Deshaies, Gozier, Port Louis, St François and Marina de la Gde Saline, Marine de Riviere Sens, Iles de la Petite Terre
- A281 Guadeloupe–Les Saintes.** 1:20,150; **Marie Galante.** 1:67,500
Plans: St Anne & Anse Accul, Le Moule, Petit Havre Sainte Marie, N approaches to Pointe-à-Pitre, Grande Anse (Desirade) Grand-Bourg
- A29 Dominica.** 1:73,000
Plans: Prince Rupert Bay, Roseau Roads & Woodbridge Bay
- A3 Anguilla to Dominica. Passage Chart** 1:397,000

WINDWARD ISLANDS

- A30 Martinique.** 1:92,000
Plans: Pointe du Bout, Rade de St Pierre, Cul-de-Sac Marin, Havre du Robert, Rade de Fort de France, Havre de la Trinite, Mouillage du François
- A301 Pointe du Diamant to Havre de la Trinite.** 1:60,000
Plans: Pointe du Diamant to Havre de la Trinité
- A4 Guadeloupe to St Lucia. Passage Chart** 1:388,000
- B Lesser Antilles–Martinique to Trinidad. Passage Chart** 1:745,000
- B1 St Lucia.** 1:72,000
Plans: Port Castries, Grand Cul de Sac Bay, Marigot Harbour, Rodney Bay & Yacht Harbour, Laborie Bay, Vieux Fort Bay & Point Sable Bay

- B2 Barbados.** 1:56,900
Plans: Bridgetown, Speightstown
- B3 The Grenadines–St Vincent to Grenada.** 1:162,000
- B30 St Vincent to Mustique.** 1:73,000
Plans: Kingstown Bay, Calliaqua Bay & Blue Lagoon, Admiralty Bay, W Coast of Mustique, Baliceaux & Battowia, Friendship Bay, Chateaubelair Bay
- B31 Bequia to Carriacou.** 1:91,200
Plans: Hillsborough Bay, Clifton Harbour, Charlestown Bay, Tobago Cays
- B311 Middle Grenadines–Canouan to Carriacou.** 1:25,000
- B32 Carriacou to Grenada.** 1:91,000
Plans: St George's Harbour (Grenada), Tyrell Bay (Carriacou), NE Pt of Grenada, Grenville Harbour (Grenada), SW coast of Grenada
- B4 Tobago.** 1:63,600
Plans: King's Bay, Scarborough, Man of War Bay, Tyrell's Bay, Plymouth
- B5 Tobago and Barbados. Passage Chart** 1:510,700
- B6 Grenada to Tobago and Trinidad.** 1:378,000. *Plans:* Chaguaramus Bay.

VENEZUELA

- D Venezuela –Gulf of Paria to Curaçao. Passage Chart.** 1:1,021,000
- D1 Port of Spain to Cabo Codera. Passage Chart** 1:583,700
Plans: Port of Spain, Carenero
- D10 North Coast of Trinidad and Golfo de Paria.** 1:145,000
Plans: Golfo de Paria, Guiria, Ensenada Patao, Ensenada Cariaquita, Macqueripe Bay, Maracas Bay, La Vache Bay, Las Cuevas Bay, Chupara Bay, Grande Riviere Bay, Toco Bay, Matelot Bay, Point Fortin, San Souci Bay, Pointe a Pierre, Brighton.
- D11 Trinidad to Carupano.** 1:240,700
Plans: Guira, Port of Spain, Carupano, Ensenada Cariaquita, Ensenada Yacua, Ensenada Pargo, Ensenada Mejillones, Playa Cacao, Ensenadas Patao & Uquirito, Macuro, Ensenada Uquire, Bahias Puerto Santos, Carupano
- D12 Carupano to Cumana and Isla de Margarita.** 1:173,000
Plans: Pampatar, Bahía de Mangle, Bahía Escondida, Punta de Piedras, Porlamar, Cumana, Laguna Grande del Obispo, El Saco (Isla Coche)
- D13 Isla de Margarita to Carenero.** 1:255,300
Plans: Carenero, Islas Piritu, Cumana
- D131 Puerto Mochima to Bahía de Barcelona.** 1:63,900
Plans: Americo Vespucio Marina & El Morro, Marina Club Nautico El Morro, Puerto la Cruz Marina, Bahias Bergantin, Guanta & Pertigalete, Puerto Mochima
- D14 Islas los Testigos.** 1:30,000 **Isla la Tortuga.** 1:60,000
Plans: Laguna el Carenero, La Blanquilla 1:60,000
- D2 Cabo Cadera to Cabo San Roman. Passage Chart** 1:583,700
Plans: Puerto Carenero, Puerto Cabello
- D21 Carenero to Punta San Juan.** 1:244,400
Plans: Puerto la Cruz, Puerto Cabello, Puerto Chichiriviche & Parque National Morrocoy, Bahía San Juan, Ensa de Corsarios, Higuero, Puerto Carenero, Puerto Calera, Puerto la Guaira, Puerto Azul, Caraballeda YC & Marina Mar
- D22 Isla los Roques.** 1:89,700
Plans: Puerto el Roque, Eastern end of Carenero, Cayo de Agua Isla de Aves 1:65,900 *Plans:* Lighthouse Islands, Long Island, Round Island, Eastern end Barlovento
- D23 Punta Aguide to Cabo San Roman & the A, B, C Islands.** 1:255,400
Plans: Puerto Cumarebo, Oranjestad
- D231 Bonaire & Aruba.** 1:75,000
Plans: Lac Baai, Kralendijk, Oranjestad
- D232 Curaçao.** 1:75,300
Plans: Willemstad & Schottegat, Piscaderabaai, Santa Marta Baai, Spaanse Water

NORTH ATLANTIC

- E1 Arquipelago dos Azores.** 1:759,000
Plans: Porto das Velas, Ponta Delgada, Praia da Vitoria, Vila do Porto, Vila da Praia, Sant Cruz, Horta
- E2 Islas Canarias.** 1:598,000
Plans: Pto de la Luz, Pto de los Marmoles & Pto de Naos, Pto de San Sebastian, Pto de Santa Cruz, Darsena Pesquera (S Cruz de Tenerife), Morro Jable, Pto de la Estaca
- E3 Arquipelago da Madeira.** 1:170,000
Plans: Pto Santo, Pto do Funchal
- E4 Arquipelago de Cabo Verde.** 1:510,000
Plans: Pto da Furna, Pto Grande, Pto de Sal-Rei, Pto Novo, Pto da Praia, Cavaleiras, Pto Velho, Baía da Palmeira
- E5 Bermuda.**

NORTH ATLANTIC PASSAGE CHART

- NA100 North Atlantic Ocean Passage Chart.** 1:762,000



12 VOLT DOCTOR'S BOOKS

BY EDGAR J. BEYN

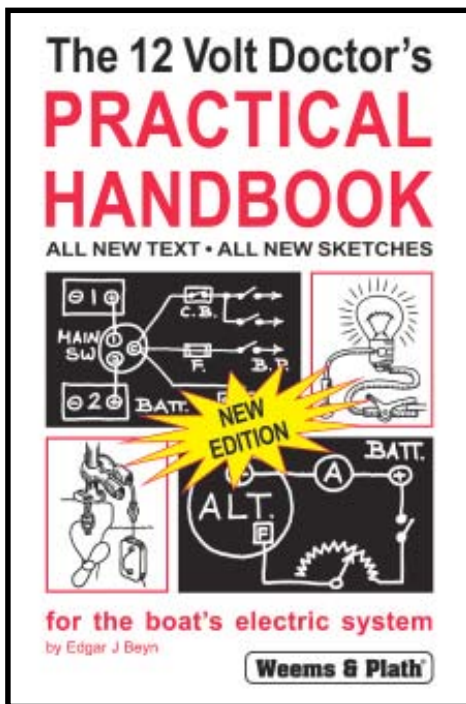
The 12 Volt Doctor's Practical Handbook

This timeless classic provides a clear and useful guide for electrical system troubleshooting. It covers such subjects as lightning protection, engine instruments, and alarms. The chapter on Electrolytic Corrosion is the most definitive text available. The 12 Volt Doctor's Practical Handbook has an expanded troubleshooting section. ISBN 1 878797 13 1.

Since it is illustrated with simple drawings, you will be able to use The 12 Volt Doctor's Practical Handbook even if you have no previous electrical experience. With the "Doctor" you can:

- Fix electrical problems on board before calling in expensive outside technicians.
- Learn and understand basic electricity.
- Maintain your own 12 volt system.
- Understand and use "zincs" effectively.
- Isolate and repair hard to diagnose electrical problems.

15010 **The 12 Volt Doctor's Practical Handbook**



The 12 Volt Doctor's Alternator Book

This book continues in the same familiar style as The 12 Volt Doctor's Practical Handbook, to help simplify the mysteries of the boat's alternator—the prime source of power on almost every boat. This new, user-friendly, revision is a comb-bound, large 8-1/2" x 11" size, which has larger drawings and lays flat when open, for hands free work.

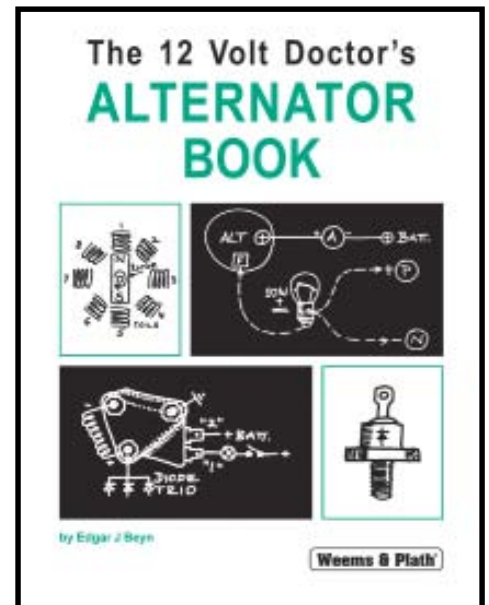
Simple drawings and clear instructions abound, helping you to identify your alternator and understand how it works.

Get to know your alternator—it could save your battery's life. ISBN 1 878797 02 6.

Covers topics such as:

- Field connections.
- Brushes.
- Internal regulators.
- Idiot light.
- Tachometer connection.
- Identification of terminals.
- Testing procedures.
- Emergency repairs.
- Connecting regulators.
- Basic how-to take the alternator apart.

15012 **The 12 Volt Doctor's Alternator Book**



The 12 Volt Doctor's Project Book

The 12 Volt Doctor's Project Book goes beyond basic equipment. It covers projects you might find nice to have, but are not available for purchase. All of the projects are intended for use with 12 volt systems, or are somehow related to 12 volt battery systems and direct current.

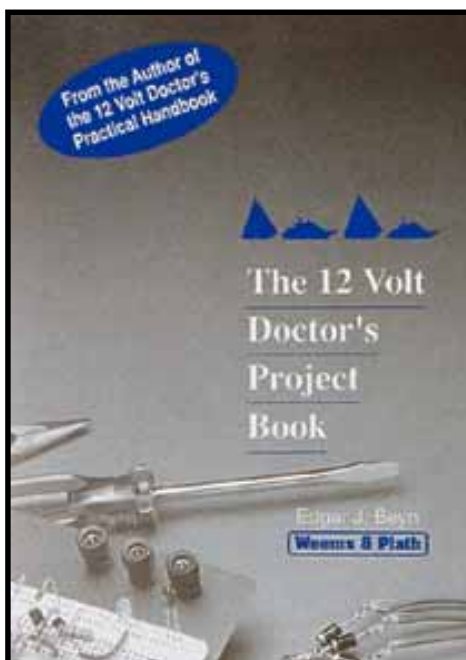
Previous experience with electrical and mechanical work is suggested. This book offers you a variety of building projects with just the circuits, components, and brief descriptions of how they work.

ISBN 1 878797 01 8.

Some of the projects in this book include:

- Adding a third battery bank without another main switch.
- Making an ammeter for high current.
- High and low voltage indicator lights.
- Various alarm systems.
- Wind speed indicators.
- Motion sensors.

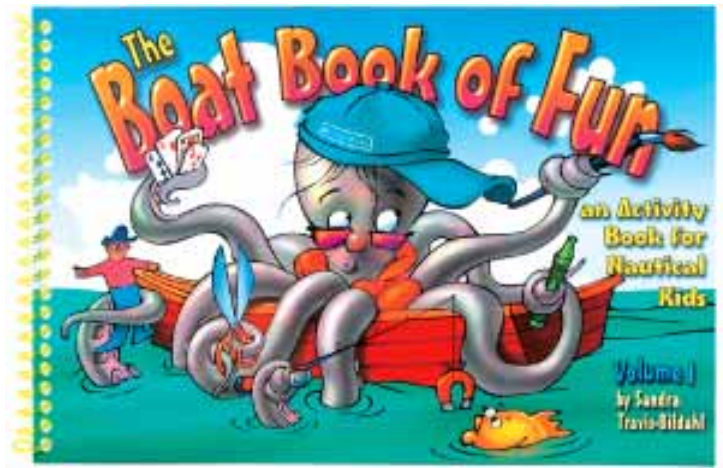
15014 **The 12 Volt Doctor's Project Book**



THE BOAT BOOK of FUN

This book is full of fun, imaginative activities for families that spend time on boats. It includes games, puzzles, projects, and quizzes that can be played on the boat or anywhere. Some of the activities include: Making Your Own Compass, Aluminum Sculptures, Lobster Quiz, and Weather Scramble. This book is a great accompaniment to *The Ship's Log for Kids* by the same author, Sandra Travis Bildahl. ISBN 1 878797 16 6. Wt: 15 oz.

808 **The Boat Book of Fun**



THE SHIP'S LOG for KIDS

Colorful and educational, *The Ship's Log for Kids* will give your young first mates the opportunity to write their impressions of their sea voyages while they learn valuable lessons about the sea and boating. ISBN 1 878797 15 8. Wt: 15 oz.

806 **The Ship's Log for Kids**

807 **The Ship's Log for Kids with safety whistle**



Weems & Plath® Pocket Logs

These new Pocket Logs benefit from "Rite in the Rain®" technology. Pocket Logs feature an all-weather exclusive coating process that sheds water, making it possible to write clear, legible notes during the heaviest rainstorm.

Sailors, fisherman, and GPS users have their own version, or pick up the universal Pocket Log for general outdoor activities. Dims: 5-1/8" x 3".

547 **Pocket Fishing Log**

8512 **Rite in the Rain® Pen**

550 **Pocket GPS Log**

8513 **Rite in the Rain® Pen Refill**



The Wet Log™

This waterproof log book is designed for those who need a notebook for "soggy" environments. High visibility yellow cover makes this log easy to locate. Opens flat with ring type binding. Provided with a #2 navigator's pencil. 4" x 7", 90 pages.

801 **The Wet Log**

Weems & Plath®

LOG BOOKS

Each log has an attractive, embossed cover made of a heavy, flexible, waterproof material. The spiral bindings allow pages to open flat for ease in recording information. Every log contains over 80 pages for recording critical information, in addition to handy quick reference pages covering various topics.

In addition, all logs are designed to fit inside the teak covers, as well as the leather cover shown on the opposite page, for a more impressive presentation.

The Ship's Log™

The Ship's Log has a flexible, diary type format consisting of lined pages for recording ship's data and activities. Also included are Guest Register, Vessel Specifications, and Serial Number List pages, as well as quick reference pages on topics including: rules of the road, weather reference, radio procedures, and more. Wt: 15 oz.

Dims: 11-1/2" x 8-5/8". ISBN 1 878797 08 5.

797 Weems & Plath® The Ship's Log™

The Cruising Log™

The Cruising Log provides space for recording information about your excursions, as well as a guest registry. Quick reference pages are provided on such topics as: rules of the road, radio procedures, distress signals, and weather reference. It also includes space for you to record vital information about your vessel. Wt: 15 oz.

Dims: 11-1/2" x 8-5/8". ISBN 1 878797 06 9.

798 Weems & Plath® The Cruising Log™

The Guest Log™

The Guest Log contains plenty of room for recording your visitors aboard, as well as information about your cruises. Reference pages are also included, covering such topics as: equipment checklist, rules of the road, and more. Pages are also provided for recording important information about your vessel. Wt: 15 oz.

Dims: 11-1/2" x 8-5/8". ISBN 1 878797 07 7.

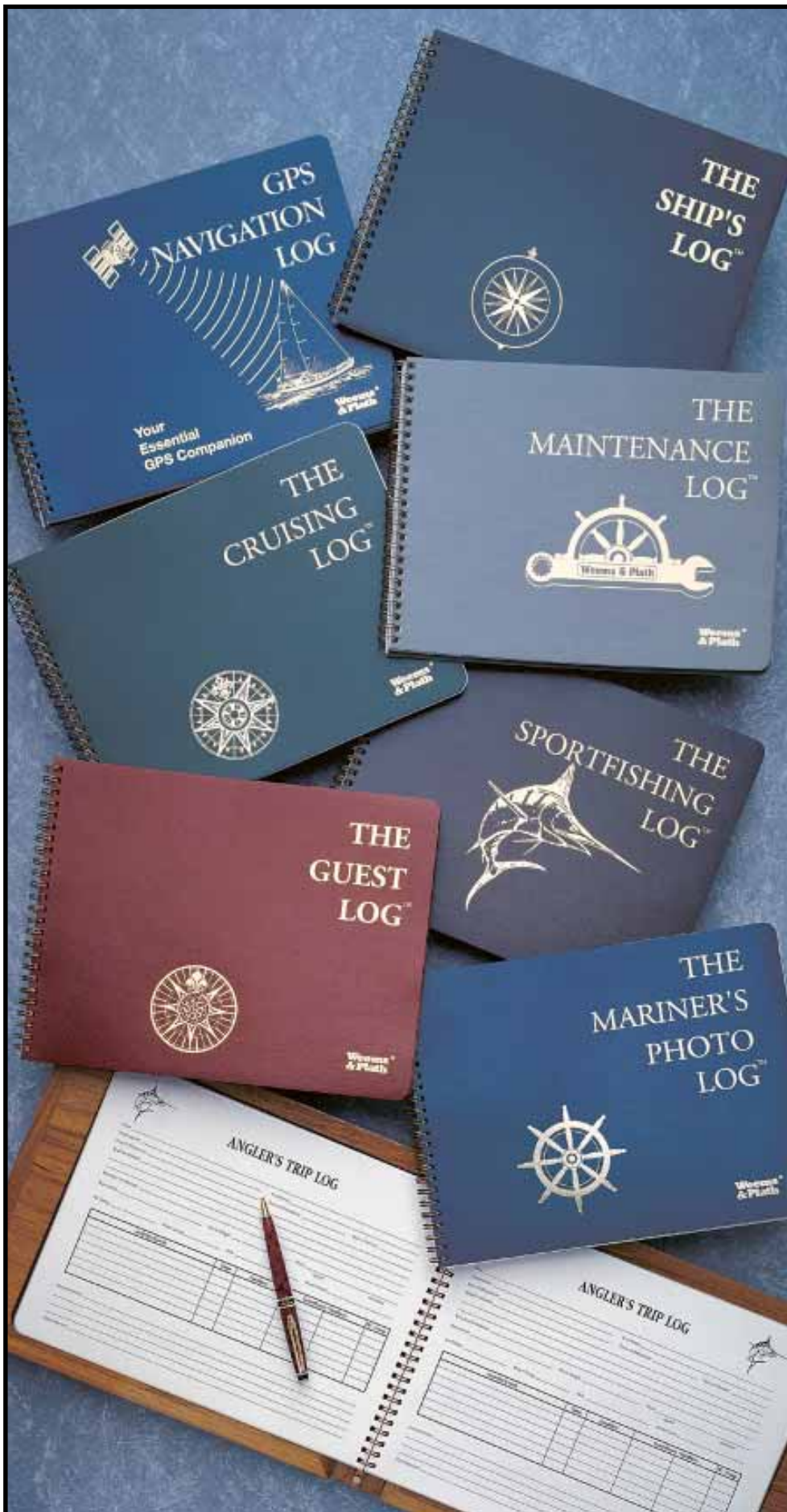
799 Weems & Plath® The Guest Log™

GPS Navigation Log™

Formerly *The Offshore Log*, this Navigator's log book contains reference and recording tables essential to any boater in this electronic age, without losing touch with traditional navigation and plotting techniques. Wt: 15 oz.

Dims: 11-1/2" x 8-5/8". ISBN 1 878797 14 X.

800 Weems & Plath® GPS Navigation Log



The Sportfishing Log™

The Sportfishing Log is designed for recording pertinent information about each excursion. Pages include: anglers trip logs for recording sea conditions, activity, destinations, loran coordinates, water temperature, hot spots, and catch records. Additional pages are provided for recording vessel specifications and common courses, as well as quick reference pages on topics such as flag use, radio procedures, rules of the road, and more. Wt: 15 oz. Dims: 11-1/2" x 8-5/8". ISBN 1 878797 09 3.

803 Weems & Plath® The Sportfishing Log™

The Maintenance Log™

Featuring a detailed format, the Maintenance Log has ample space to list vessel specifications, spare part numbers, previous repairs, and maintenance, as well as space for reference drawings. Also includes quick reference pages on safety, weather, BIA certification requirements, and more. Wt: 15 oz.

Dims: 11-1/2" x 8-5/8". ISBN 1 878797 10 7.

804 Weems & Plath® The Maintenance Log™

The Mariner's Photo Log™

Holds 120 standard size (3"x5") photographs in protective plastic pockets. Each photo page has an opposing rope bordered description page. Wt: 15 oz.

Dims: 11-1/2" x 8-5/8". ISBN 1 878797 12 3.

805 Weems & Plath®
The Mariner's Photo Log™

TEAK LOG COVERS

If you keep a log—and you should—there is no better way to cover it!

These attractive, handmade teak covers with a high gloss lacquer finish, provide complete protection for our line of log books. The covers are both practical and decorative. All covers feature a solid brass engravable plate. The Marlin, Sailboat, and Powerboat plates have ample room for engraving the vessel name, captain, and hailing port. Weems & Plath® Log Books sold separately.

Dims: 13" x 10".

Wt: 2 lbs. 14 oz.

- 297 Weems & Plath® Teak Log Cover
Blank Plate
- 298 Weems & Plath® Teak Log Cover
Marlin Plate
- 299 Weems & Plath® Teak Log Cover
Sailboat Plate
- 300 Weems & Plath® Teak Log Cover
Powerboat Plate

LEATHER LOG COVER

This navy blue leather log cover is a handsome alternative to the teak log cover. It fits all Weems & Plath® log books. The brass plate that fits on the cover is reversible. On one side it says, "Ship's Log". The other side is blank, suitable for personalized engraving. The cover features brass corners to protect the leather, plus a leather loop that conveniently holds a pen that comes with the cover.

Dims: 12.375" x 10".

Wt: 1 lb. 4 oz.

- 301 Weems & Plath® Leather Log Cover
- 302 Weems & Plath® Black/Gold Pen
- 303 Weems & Plath® Pen Refill



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