In May of 1919, eight years before Lindbergh’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, US 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.

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 US Naval Academy in the 1920’s. He went on to establish his own school in Annapolis to teach The Weems System of Navigation. Charles Lindbergh studied with Weems before attempting his trans-Atlantic flight. Admiral Byrd, a classmate of Weems at the US 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.

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.
Dear Customer,

At Weems and Plath, we continue to take great pride in providing you with time-tested nautical instruments for safe and enjoyable boating. In the 86 years since our founding, innovation has become tradition as our products become mainstays for you on your voyages. As always, your satisfaction is our top priority. We offer lifetime warranties on almost every item and welcome your comments and suggestions.

Always a hand’s width of water under your keel,

Peter Trogdon
President

CONTACT US
SHOWROOM & OFFICE:
214 EASTERN AVENUE
ANNAPOLIS, MD 21403-3318
USA

HOURS: MONDAY–FRIDAY
8:30 A.M. TO 5 P.M. EASTERN TIME

SALES@WEEMS-PLATH.COM
WWW.WEEMS-PLATH.COM
P 800 638-0428 | 410 263-6700
F 410 268-8713

Weems & Plath offers two product warranties. The majority of our products are backed by our Lifetime Warranty. The remainder have a Two Year Warranty as noted in the catalog. The two warranties are as follows:

**Weems & Plath Two Year Warranty**
Your Weems & Plath product is warranted against defects in material and workmanship for two (2) years from the date of original purchase. Retain a copy of receipt for proof of purchase. Any defect caused by misuse, accident, tampering or negligence of the user is not covered by this warranty.

**Weems & Plath Lifetime Warranty**
Your Weems & Plath product is warranted against defects in material and workmanship for as long as you own the instrument. Any defect caused by misuse, accident, tampering or negligence of the user is not covered by this warranty. If the warranted product is no longer available, we reserve the right to replace it with a suitable substitute.

Exclusions
Caution: If your product is battery operated, movement damage caused by battery leakage is not covered under warranty. A clock movement continues to pull voltage from the battery until the battery dies. Leaving a dead battery in place causes the battery to leak acid which destroys the movement. For this reason, it is important to replace the battery once a year, even if the battery is not dead at the time of replacement. If the instrument is not in use, remove the battery to reduce the possibility of costly movement damage.

Caution: The finish on brass or chrome instruments is not covered under warranty. (Fingerprints should be cleaned off immediately and instruments should be wiped regularly with a soft cloth to keep finish from pitting.) [Exception: All Endurance and Endurance II finishes are covered for lifetime of instrument.]
DIVIDERS & COMPASSES

One Hand Dividers 170 (7") | 171 (8")
- Classic design - can be opened and closed with one hand while performing chart work
- Handle is brass and polished stainless steel tips
Length - Wt: 7" (178 mm) - 0.2 lb (91 g) | 8" (203 mm) - 0.3 lb (136 g)

Straight Pattern Dividers 172 (7") | 173 (8")
- Made with brass arms and polished stainless steel tips
- Adjustable tension
- Hand sharpened points
Length - Wt: 7" (178 mm) - 0.2 lb (91 g) | 8" (203 mm) - 0.3 lb (136 g)

Ten Point Dividers 719A
- 6" equal spacing divider
- Manufactured from highest quality stainless steel
- Eleven numbered points allow easy conversion of distances
- Excellent tool for interpolating isobars or plotting and calculating equal divisions of distance or time
- Also used by draftsmen and artists
Length: 6" (152 mm) Wt: 0.22 lb (100 g)

Professional model 719B available - call for details

Professional Brass Pencil Compass 1049
- Solid brass with angled stainless steel point
- Adjustable pivoting pencil mount
- Draws 24" (610 mm) circle
- Includes pencil, sharpener and plastic pouch
- Made in Germany
Length: 8-1/4" (210 mm) Wt: 0.32 lb (145 g)

Weems & Plath® Proportional Dividers 4548
- Use to accurately calculate speed-time-distance
- Easily transfer points between different scale charts
- Distance, picked off chart between divider points, can be immediately converted to speed or time
- Silver/nickel alloy with stainless steel points
- Made in Germany
- NSN 6605-00-682-4548
Length: 8" (203 mm) Wt: 0.5 lb (227 g)

Beam Compass 545
- Precisely crafted of aluminum alloy
- 20" (508 mm) overall radius; 13" (330 mm), main beam with 7" (178 mm) extension bar
- Provided with point, stylus, spare leads and velvet lined, impact resistant case
- Made in Germany
Length: 14-1/4" (362 mm) Wt: 1 lb (454 g)
Accessory: 545330 Optional 13" Extension Bar
ULTRALIGHT DIVIDERS/COMPASS 176
- Unique center adjustment mechanism allows quick precise one-hand operation
- Replace stainless steel point with lead to use as a pencil compass
- Constructed of coated marine alloy to resist corrosion
- Spare point, knob and lead provided
- Made in Germany
- NSN 6675015569406
Length: 7” (178 mm)
Wt: 0.19 lb. (86 g)
Accessories:
7231 Spare Leads for Dividers (2 per box)
7291 Spare Leads for Dividers (15 per box)
points Spare points for dividers

LED LIGHTdivider 276
by Anthony K Brown, inventor
- Innovative design for day and night use
- Red LED light built into each leg for use in low light conditions
- Center adjustment mechanism allows quick, precise operation
- Functions as both compass and divider
- CR 1220 battery lasts approximately 20 hours
- Spare point, lead and knob provided
- Made in Germany
Length: 7” (178 mm)
Wt: 0.19 lb. (86 g)
Accessories:
7231 Spare Leads for Dividers (2 per box)
7291 Spare Leads for Dividers (15 per box)

MILLENNIUM NAVIGATION KIT 178
- Contains both divider and compass made from polyamide/glass fiber composite
- Protective vinyl case
- Spare leads included
- Made in Germany
Length: 6” (152 mm)
Wt: .5 lb. (227 g)

MILLENNIUM DIVIDERS/COMPASS 179
- Unique ergonomic design facilitates one-handed operation
- Made from polyamide/glass fiber composite
- Nickel free and rustproof
- Lead and spare points included
- Made in Germany
Length: 6” (152 mm)
Wt: 0.19 lb. (86 g)

MATTTE NICKEL INSTRUMENTS
259 5” (127 mm) Fixed Point Dividers
262 6” (152 mm) Fixed Point Dividers
1043 7” (178 mm) Straight Pattern Dividers
261 7” (178 mm) Removable Point Dividers
- Lightweight matte nickel-plated brass dividers and compasses are ideal for all applications
Wt: 5” - 0.1 lb (45 g)
6” - 0.1 lb (45 g)
7” - 0.16 lb (73 g)
**Plotting Tools**

**P.R. 500 Rolling Plotter** 220
- Built to take rigorous use aboard commercial and blue water vessels
- Provides one of the easiest methods for plotting courses
- Patented four-way rolling motion
- Roller body with protractor markings every 1/2°
- 1-1/4" magnifying lens for enhancing chart data
- Easy to follow instructions
- CNS 6605015569401
- Packaged in protective, durable vinyl pouch
- Dims: 19-5/8" x 3-5/8" x 1-1/4" (499 x 92 x 32 mm)
- Wt: 1.625 lbs (737 g)

**The Original bi-rola™** 155
- Precise vertical and horizontal rolling motion simplifies plotting course
- Adjustable radial arm allows automatic compass corrections in course plotting
- Roller body with protractor markings and nautical mile scale
- Radial arm has interpolator scales and 200 mm rule
- When radial arm and body are used jointly, bi-rola™ rule becomes 17" (440 mm) divider
- Speed/time/distance table included
- Easy-to-follow instructions included
- Packaged in protective, durable vinyl pouch
- Dims: 13-7/8" x 2-5/8" x 1" (352 x 67 x 25 mm)
- Wt: 0.75 lbs (340 g)

**Weems Compact Parallel Plotter™** 60
- Smaller version of our 120 rolling plotter
- Plotter is mounted on marine aluminum roller assembly
- Contains semi-circular protractor, distance scales of 1:20,000 and 1:40,000, as well as inch scale
- Dims: 2" x 8" (51 x 203 mm)
- Wt: 0.19 lb (86 g)

**USPS Plotter** 556
- Designed by the United States Power Squadrons
- Simple, versatile plotter
- Suitable for plotting courses and bearings
- Instructions included
- Dims: 4" x 14" (101 x 355 mm)
- Wt: 0.20 lb (91 g)

**Compute-A-Course™** 111
- Compact, multi-purpose plotting tool
- Ideal for general boating or commercial use
- Can be used for position fixing, course plotting and distance measurements
- Using log scale on instructions, time/distance calculations are a breeze
- Instructions included
- Dims: 7 3/16" x 8 1/2" (183 x 216 mm)
- Wt: 0.25 lb (113 g)

**Square Protractor** 2802
- Suitable for plotting courses and bearings on land or sea
- Notations can be made directly on matte plastic surface with pencil
- Instructions included
- Dims: 5" square (127 mm)
- Wt: 0.13 lb (59 g)

**Weems Parallel Plotter™** 120
- Our most popular rolling plotter!
- Contains distance scales at 1:20,000, 1:40,000 and 1:80,000 to fit N.O.S. Coast and Harbor Charts, as well as inch scale
- Includes semi-circular protractor for measuring courses and bearings against meridian on chart, and two quarter circle protractors for measuring courses and bearings against parallel of latitude
- Courses and parallels are transferred and kept parallel by means of two rollers mounted on a slide axis
- Used for measuring or laying off courses and distances on nautical chart
- Instructions included
- CNS 6605015569178
- Dims: 3-1/2" x 12-1/2" (89 x 318 mm)
- Wt: 0.31 lb (141 g)

**Three Arm Protractor** 116
- Arms are rigid enough to trace bearing line
- Can be used to chart position from three identifiable shore, landmark or buoy locations
- Measure angles on the protractor and locate your position on chart
- Moveable arms with vernier scale for even more precise measurements
- Flexible, clear construction
- Dims: 6" x 21/2" (152 x 533 mm)
- Wt: 0.31 lb (141 g)

**Protractor Triangle with Handle** 101
- Inscribed with contrast-enhancing colors
- Using two 45° triangles provides easy method of plotting and performing chart work
- Protractor scales allow easy alignment with chart meridian in any direction
- Direction is maintained as one triangle is slid along the other to desired position
- Short sides 7-1/2" (191 mm)
- .08" thick (2 mm)
- Wt: 0.19 lb (86 g)

**Protractor Triangle** 103
- Same as above, with all black markings and without handle
- Usually paired with 101
- Short sides 7-1/2" (191 mm)
- .08" thick (2 mm)

**Professional Protractor Triangle** 104
- New larger and improved version of our popular 101 protractor triangle with handle
- Pencil and sharpener included
- Clean uncluttered design
- Both 320mm & 1-80,000 scales shown
- Inscribed with contrast-enhancing colors
- Hole at vertex allows several uses, details on package and website
- Heavy duty clear 5 mm acrylic construction for durability
- Dims: short sides 9"x9" long side 13.125"
- Wt: .5 pounds (226 g)
15" Brushed Aluminum Arms Parallel Rule 141
1/4" (6 mm) thickness; 15" (381 mm) length
Wt: 0.47 lb (213 g)

15" Brass Arms Parallel Rule 142
1/2" (4 mm) thickness; 15" (381 mm) length
Wt: 7 oz (199 g)

15" Value Parallel Rule 145
• Marine aluminum arms and handles
1/2" (3 mm) thickness; 15" (381 mm) length
Wt: 0.31 lb (141 g)

18" Aluminum Arms Parallel Rule 138
• NSN 6675015732795
1/4" (5 mm) thickness; 18" (457 mm) length
Wt: 0.69 lb (313 g)

7" Compact Paralock Plotter 90
• Well suited for use on modern small chart tables
• All the features of standard parallel rule but fits in pocket and is easier to use
• Also functions as GPS plotter
0.2" (5 mm) thickness; 7 1/4" (184 mm) length
Wt: 0.21 lb (95 g)

12" Brushed Aluminum Arms Parallel Rule 140
1/4" (6 mm) thickness; 12" (305 mm) length
Wt: 0.34 lb (154 g)

24" Commercial Rule 24
• Rigid chrome arms
1/4" (7 mm) thickness; 24" (610 mm) length
Wt: 0.81 lb (368 g)
Universal Plotting Sheets 5910
- Also known as VP-65 sheets
- Graduated circle printed at center allows meridians of longitude to be constructed for any latitude, creating custom-made chart for any geographic position
- 50-page pad
Dims: 12 1/8" x 14" (327 x 356 mm)
Wt: 1 lb (454 g)

Vecta-Rose 512V-6 (pack of 6)
- Pressure sensitive compass rose can be applied directly to charts when printed rose is not in a convenient location
- Can be oriented to either true or magnetic north for handy reference
Dims: 4 1/2" (114 mm) square
Wt: 0.05 lb (23 g)

Vectormaster 501V
- Circular slide rule solves time, speed and distance; fuel consumption, conversion, multiplication and division problems
- Face of Vectormaster permits rapid solution of problems involving vectors, such as those encountered in current sailing, determination of true wind direction and force and apparent wind to be expected on other headings
- Given position of a storm and direction and speed of its advance, you may quickly determine the course which will put maximum distance between your vessel and oncoming storm
- Instruction booklet included
Dims: 7" (178 mm) square
Wt: 0.25 lb (114 g)

Course & Leg Identifier 113
- For expanding square pattern & sector pattern searches
- Also known as Search Pattern Slide Rule or Coast Guard Plotter, this tool is a “must have” for active duty US Coast Guard, Auxiliaries or anyone required to run a search pattern
- Quickly calculates heading and run time for each leg of either an expanding square pattern or sector pattern search, allowing more time to focus on search
- NSF 6605015522931
Dims: 6" x 9" (152 x 229 mm)
Wt: 0.19 lb (86 g)

Chart Correction Template 9998
- Contains the Region A & B Maritime Buoyage symbols required for updating and correcting nautical charts
- Constructed of durable, flexible plastic
- NSF 76420140100688
Dims: 8 1/4" x 4" (215 x 101 mm)
Wt: 0.3 ounces
**NAVIGATION SETS**

**Coast Guard Kit**
- Includes:
  - One #176 Ultralight Divider/Compass
  - One #7291 Spare Leads for Ultralight Divider/Compass
  - One #120 Weems Parallel Plotter
  - One #105 Nautical Slide Rule
  - One #113 Course & Leg Identifier and Instructions
- NSN 6605015569409
- Dim: 8 1/4" x 14" (210 x 356 mm)
- Wt: 0.85 lb (386 g)

**Weems & Plath Basic Navigation Set**
- Includes:
  - One #255 Weems Protractor
  - One #145-15" Parallel Rule
  - One pair of #262 6" Matte Nickel Dividers with fixed points
  - One #2 pencil
  - One pencil sharpener and instructions in a plastic pouch
- Dim: 16" x 6" (406 x 152 mm)
- Wt: 1.06 lbs (481 g)

**USPS Plotting Kit**
- Includes:
  - One Ultralight Divider #176, one USPS Plotter #556, plus the USPS Basic Plotting Guide Booklet #557 in a plastic pouch
- Dim: 7 1/2" x 14" (190 x 355 mm)
- Wt: 0.85 lb (386 g)

**Weems & Plath Primary Navigation Set**
- Includes:
  - One #176 Ultralight Divider/Compass
  - One #141-15" Parallel Rule
  - One #105 Nautical Slide Rule
  - One #1280 W&P Pencil and instructions in a plastic pouch
- Dim: 8" x 13 1/2" (203 x 337 mm)
- Wt: 0.85 lb (386 g)

**Elegant Navigation Set**
- Includes:
  - One #171-8" Brass One-Hand Divider
  - One #142-13" Brass Arm Parallel Rule
  - One 3 3/4" liquid-filled brass compass
  - Varnished mahogany-finish wooden box with polished brass hardware
  - Brass plate suitable for engraving is available for exterior (not included)
- Dim: 15 3/4" x 3 3/4" x 7/8" (400 x 95 x 22 mm)
- Wt: 1.44 lbs (653 g)

319 closed w/optional brass plate
NAVIGATION SETS

CONTINUED

Professional Mariner's Navigation Kit 3250
Packaged in our NaviTote #325

Items in kit include:
- Paralock Plotter #90
- Weems Parallel Plotter #120
- Ultralight Divider #176
- Vectormaster #501V
- Professional Brass Pencil Compass #1049
- Navigator's Pencil #1141
- Chart Correction Template #9998

Dims: 22 3/4" x 14 3/4" (572 x 362 mm)
Wt: 1.45 lb (658 g)

NaviTote 325
- Made from Tough Duck, a PVC backed polyester duck fabric, for strength and durability
- Strong hanging grommets that are gusseted and reinforced allow for easy hanging in any companionway
- Designed with input from US military and built to meet 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 (tools not included)

Dims: 22 3/4" x 14 3/4" (572 x 362 mm)
Wt: 1.45 lb (658 g)

WRITING AIDS

Navigator's Pencil Set 1141
- 0.7 mm lead (HB or No. 2 hardness) is a special blend of polymers that provides extra blackness and smoothness when writing or drawing
- Super fine eraser won't mar charts when making corrections
- Eraser adjusts out as it wears down, similar to the way lead adjusts on writing tip
- One 12-pack of leads, 2 spare erasers included

Length: 5 1/2" (140 mm)
Wt: 0.05 lb (23 g)

Accessories:
- 1142 Lead Refills (12-pack)
- 1143 Eraser Refills (4-pack)

Light Pen 1121
- Green LED built into tip
- High quality medium ball point, black ink
- Twist top to activate light
- Use cap's clip to attach to chart as a small light
- Runs for hours using 2 LR44 1.5 volt batteries located in top

Length: 5 1/2" (140 mm)
Wt: 0.44 lb (200 g)

Accessory:
- 1122 Refill for Light Pen

Sharpening Pad 92323
- Handy addition to any navigation kit for keeping proper point on pencils and compass leads

Dims: 6 3/4" x 1 1/4" (172 x 29 mm)
Wt: 0.05 lb (23 g)

Weems & Plath® Pencil 1280-6
- Six #2 pencils, black with gold Weems & Plath logo and eraser
- Includes pencil sharpener

Wt: 0.08 lb (37 g)
**LIGHTrule™**

**LIGHTrule COLREGS**
- Identifies all COLREGS
- Displays 60 light configurations
- Displays 15 day shapes
- Actual view of vessels for port, starboard, bow and stern lights
- Visual guide for horn signals
- Magnifying lens for clear readability of definitions
- Durable plastic construction
- NSN 6605015569420

Size: 16" x 5 ½" (407 x 133 mm)
Wt: 0.4 lb (182 g)

**LIGHTrule CEVNI**
- Identifies lights and shapes as prescribed by European code for Inland Waterways
- Displays 50 light configurations
- Displays 18 maneuvering and warning signals
- Actual view of vessels for port, starboard, bow and stern lights
- Visual guide for horn signals
- Magnifying lens for clear readability of definitions
- Durable plastic construction

Size: 16" x 5 ½" (407 x 133 mm)
Wt: 0.4 lb (182 g)
ROADrule USATONS 290
- Identifies the most common US Aids to Navigation
- Displays 38 Navigation Aid Definitions
- Displays 12 Rules of the Road
- Identifies bridge lighting and Intracoastal Waterway aids
- Magnifying lens for clear readability of definitions
- Durable plastic construction
Size: 16" x 5 1/4" (407 x 133 mm)
Wt: 0.4 lb (182 g)

ROADrule CEVNI 291
- Identifies navigation aids and markers as prescribed by the European Code for Inland Waterways
- Displays 38 Navigation Aid Definitions
- Displays 12 Rules of the Road
- Magnifying lens for clear readability of definitions
- Durable plastic construction
Size: 16" x 5 1/4" (407 x 133 mm)
Wt: 0.4 lb (182 g)

ROADrule IALA 292
Spanish Language Version 292ES
- Identifies International Association of Lighthouse Authorities Maritime Buoyage System for Regions A & B including all types of fixed and floating marks
- Displays 20 light characteristics
- Displays maneuvering & warning signals
- Displays 12 Rules of the Road
- Displays 40 Navigation Aid Definitions
- Magnifying lens for clear readability of definitions
- Durable plastic construction
Size: 16" x 5 1/4" (407 x 133 mm)
Wt: 0.4 lb (182 g)
Good quality marine binoculars are a critical navigation tool that no boat should be without. It’s important to select the correct binocular for the type of boating you do. As part of our commitment to supplying top quality products for safe boating, we provide a range of binoculars at different price points that offer exceptional value.

The key factors to consider when selecting marine binoculars are the quality of optics, water/internal fog resistant construction and comfort in your hands. The following chart provides an at-a-glance comparison of the important features of the Weems & Plath All-weather binoculars. A definition of binocular terms is located on opposite page to assist in the selection process.

### Binocular Specifications

<table>
<thead>
<tr>
<th>Item</th>
<th>Eye relief</th>
<th>Exit Pupil</th>
<th>Purge Gas</th>
<th>Field at 1000 yds</th>
<th>Focus</th>
<th>LENS Coating</th>
<th>Compass</th>
<th>Reticle</th>
<th>Prism</th>
<th>Weight (oz)</th>
<th>Construction</th>
</tr>
</thead>
<tbody>
<tr>
<td>Weems PRO 7x50 BN50</td>
<td>23mm</td>
<td>7.14mm</td>
<td>Ar</td>
<td>430'</td>
<td>IND</td>
<td>FMC</td>
<td>No</td>
<td>No</td>
<td>PORRO / BAK-4</td>
<td>51</td>
<td>Magnesium alloy body</td>
</tr>
<tr>
<td>Weems CLASSIC 7x50 BN40</td>
<td>20mm</td>
<td>7.1mm</td>
<td>Ar</td>
<td>413'</td>
<td>IND</td>
<td>FMC</td>
<td>No</td>
<td>No</td>
<td>PORRO / BAK-4</td>
<td>40.5</td>
<td>Magnesium alloy body</td>
</tr>
<tr>
<td>Weems EXPLORER 7x50 BN20C</td>
<td>23mm</td>
<td>7.1mm</td>
<td>Ar</td>
<td>396'</td>
<td>IND</td>
<td>FMC</td>
<td>Yes</td>
<td>Yes</td>
<td>PORRO / BAK-4</td>
<td>29.25</td>
<td>Polycarbonate</td>
</tr>
<tr>
<td>Weems SPORT 7x50 BN10</td>
<td>24mm</td>
<td>7.1mm</td>
<td>Ar</td>
<td>367'</td>
<td>CTR</td>
<td>FMC</td>
<td>No</td>
<td>No</td>
<td>PORRO / BAK-4</td>
<td>33.5</td>
<td>Aluminum alloy</td>
</tr>
<tr>
<td>Apache 7x28 BN29</td>
<td>15mm</td>
<td>4 mm</td>
<td>N</td>
<td>362'</td>
<td>IND</td>
<td>FMC</td>
<td>No</td>
<td>Yes</td>
<td>Roof</td>
<td>14.5</td>
<td>Aluminum alloy</td>
</tr>
<tr>
<td>Weems &amp; Plath 7x50 637</td>
<td>15mm</td>
<td>7.1mm</td>
<td>N</td>
<td>350'</td>
<td>CTR</td>
<td>FC</td>
<td>No</td>
<td>No</td>
<td>PORRO / BAK-4</td>
<td>34</td>
<td>ABS</td>
</tr>
</tbody>
</table>

All Weems & Plath binoculars are waterproof. All binoculars include soft case, lens covers and neck strap except the BN29 which has no case.

* FMC = Fully multi coated  
* FC = Fully Coated  
* Ar = Argon  
* N = Nitrogen
DEFINITIONS OF BINOCULAR TERMS:

Magnification: Binoculars are described using two numbers. Most marine binoculars are 7x50. The first number, in this case, seven (7), indicates magnification (power), and the second number, fifty (50), is the objective lens diameter in millimeters. This power which makes things appear seven times closer than they really are is generally accepted to be the highest practicable power for use on the deck of a moving boat.

Eye relief: The maximum distance between the surface of the eyepiece lens and your eye at which you can still discern the full field of view is called eye relief. Most binoculars have a standard eye relief distance of 9mm to 12mm. This is long enough unless you wear eyeglasses. All our binoculars feature longer eye relief, from 15mm to 23mm, which benefits people who wear eyeglasses. It is also an advantage for those who don’t wear glasses so they don’t have to press hard against the eyecups to see the whole field of view.

Exit pupil: The exit pupil is the circle of light you see when holding binoculars about 6 inches away from your eyes and looking at the surface of the eye pieces. The larger the exit pupil, the brighter the image obtained will be. Having a large exit pupil is advantageous under low light conditions and at night. The exit pupil is a measurement that can be calculated by dividing the diameter of the objective lens by the magnification. Hence, using 7x50 binoculars as an example, the exit pupil measurement is: 50 divided by 7 = 7.14.

Purge gas: For improved light transmission and to prevent fogging, moisture, and leakage, binoculars are filled with an inert gas. Both Argon and Nitrogen are used in our binoculars. Dry Nitrogen is the standard gas used in the industry to prevent fogging. Argon is better because it does not react with the binocular internal parts.

Field of view: The size of the area that can be seen while looking through a pair of binoculars is referred to as the “field of view”. Field of view can be expressed as an angle or a distance that can be observed at 1000 yards. A larger field of view translates to a larger area seen through the binoculars.

Focus:
Center Focus: The center focus system of our Sport BN10 and 637 binoculars allows you to change focus quickly between objects near and far by turning the center focus wheel. To focus using center focus system:
A. Close your right eye and look through the left side of the binoculars. Focus by turning the center focus wheel until the image is clear.
B. Close your left eye and look only through the right side of the binoculars and turn the right eyepiece focusing ring until the image is clear.
C. Now, your binoculars should be adjusted for your eyes. Focusing for both far and near objects can be made by simply turning the center focus wheel.

Individual Focus: The advantage of individual focus binoculars is that you can pre-focus the binoculars allowing you to see objects in low light without further adjustments for distances of 40 yards to infinity. To focus using individual focus system, close one eye and rotate the eyepiece adapter ring until the image is sharp, then repeat for the other side.

Lens Coatings: Binoculars have a sophisticated combination of lenses and glass surfaces both inside and outside the housing. To maintain brightness, sharpness and image contrast, lens coatings are applied using thin layers of chemicals. Our binoculars use two coating options that offer the best light transmission efficiency available.

Fully Coated (FC) all air-to-glass surfaces have been coated with a single chemical layer. Fully coated lenses offer very good light transmission.

Fully Multi-Coated (FMC) all air-to-glass surfaces have received multiple coatings. Fully multicoated lenses give the best light transmission and brightest images.

Compass: Built-in magnetic compasses, which appear superimposed near the image you see through the lens, let you take compass bearings of an object. This is valuable to determine your location relative to other objects.

Reticle: Built-in range-finding reticle allows you to calculate the distance from an object of a known height. Combined with the bearing, this will determine your position.

Prism: To invert and magnify an upside-down image, we use two types of prism systems for the best quality optics, the porro prism and the roof prism. By design, roof prisms are more compact and lightweight than porro prisms. Porro prisms offer superior optical performance, but the roof prism used in the Apache is coated with an anti-phase shift coating which is equal in quality to the porro prism.

The glass type used in Weems Binoculars is the best available - BAK4, a barium crown glass, a fine glass with high density, that eliminates internal light scattering and produces sharper images than other glass types.
**All-Weather Binoculars**

**BN50 WEEMS PRO 7x50**

The Weems PRO binoculars are loaded for discriminating and mariners. Built with features professional sailors to exceed military specifications, they show their true worth by providing high resolution and brightness at dusk and dawn. Featuring “flat field” lenses that result in excellent edge-to-edge sharpness and optical performance and durability, these exceptional binoculars provide superb image quality even when wearing glasses. Their tough rubber- armored exterior for a non-slip grip and their shock and water resistance make the Weems PRO binoculars the ideal companion when the going gets tough.

- Rubber- armored & fold-down eye cups
- Soft black case, padded neck strap, and lens covers included
- Two year warranty

Dims: 198x215x72 mm (7.8x8.5x2.8 inches)

**BN40 WEEMS CLASSIC 7x50**

The Weems Classic binoculars are built to the same military specifications as our PRO binoculars and have the same low light capabilities and resolution but with classic optical design that is lighter and slightly smaller. These seaworthy companions are found on military and commercial ships and pleasure boats alike.

- Rubber- armored & fold-down eye cups
- Soft black case, padded neck strap, and lens covers included
- Two year warranty

Dims: 192x202x66 mm (7.6x8.0x2.6 inches)

**BN20C WEEMS EXPLORER 7x50**

An excellent value and a popular choice for all, these Explorer binoculars are waterproof and have the added feature of an illuminated compass and range finder reticle. The ability to take accurate compass readings on the water makes these lightweight binoculars perfectly suited for sail navigation while racing or coastal cruising.

- Illuminated compass and range finder reticle
- Fold-down eye cups
- Soft black case, padded neck strap, and lens covers included
- Two year warranty

Dims: 150x200x68 mm (5.9x7.9x2.7 inches)

**BN10 WEEMS SPORT 7x50**

Lightweight and easy to focus on objects near and far, our center focus Sport binoculars live up to their name as the perfect mate for boating, sporting events, bird watching, and sightseeing.

- Fold-down eye cups
- Soft black case, padded neck strap, and lens covers included
- Two year warranty

Dims: 180x198x64 mm (7x7.8x2.5 inches)
**All-Weather Binoculars**

**BN29 Weems Apache 7x28**

*Apache [mil spec binocular (M-24)]*

Our pocket size binoculars with individual focus are built to exceed the US military M24 specification. These rugged binoculars are waterproof and shockproof making them suitable for use in the harshest environments. The Apache performs very well in lowlight conditions. The lens mil-scale range finding reticle for estimating range makes them ideal for hunting and outdoor sports where small, lightweight and high quality binocular are required.

- Rubber-armored & fold-down eye cups
- Neck strap and lens covers included
- Two Year Warranty

Dims: 129x118x38mm (5x4x1.5 inches)

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**637 Weems Center Focus 7x50**

The center focus feature of these popular binoculars allows for quick easy adjustment to different focal ranges, making them ideal for boating, sporting events or any other outdoor activity.

- Fold-down eye cups
- Soft black case, padded neck strap, and lens covers included
- Five Year Warranty

Dims: 191x210x70mm (7.5x8.25x2.75 inches)

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**Distance solution using reticle:**

Formula using binocular reticle & Vectormaster (501v)

\[
\frac{1000 \times \text{Object of Known Height (m)}}{\text{Reticule Scale Reading}} = \text{Distance in Meters (look above 10)}
\]

**Example: Charted 20m high lighthouse**

\[
\frac{1000 \times 20 \text{ (m)}}{16} = 1250\text{m}
\]

The reticle reads 16 when viewing the lighthouse (as shown below):

Distance = 1000 x 20/16 = 1250m or One and a quarter kilometres
"Precision out of passion" is the motto of C-Plath, the renowned German manufacturer of magnetic compasses for 150 years. C-Plath Hamburg has set an industry standard of excellence for compasses that are unsurpassed in accuracy, reliability and durability in extreme physical conditions that include rough seas and punishing climates.

Built to function reliably in environments where strong vibrations, saltwater, heat, humidity and cold are the norm, these exceptional compasses are found on any boat where safety and performance are the top priority. Weems & Plath is the sole distributor of C-Plath compasses in North America.

C. PLATH MERKUR®
Features of the Merkur compass series:

120 mm (4.72 inches) apparent card diameter

For use on sailboats, motorboats and lifeboats:
- Extremely shock-resistant
- Well suited for high speeds
- Strong glass dome - blocks UV rays
- Various mounting options
- Two year warranty on compass
- Lifetime warranty on dome
- Certified by GL (Notified Body 0098) according to the requirement 96/98/EC in accordance with module B and D (Wheelmark).

Technical data:
- 12-V or 24-V lighting, red, glare free
- Compass weight: 1.6 kg/3.5 lbs
- Deviation error ≤ 1°
- Friction error ≤ 1°
- Lag error ≤ 2°
- Oscillation period ≥ 4.7 seconds
- Temperature range: -30°C to 60°C (-22°F to 140°F)
- Cut-out diameter: Ø 139 mm (5.5 inches)
- Pitch diameter of flange: 153.5 mm (6.1 inches)
- Installation depth: 72 mm (2.8 inches)

#1 Lifeboat Compass with registered NSN#

73 115 bracket holder
73 137 compensation capsule
73 212 black binnacle
73 370 back covers

73 430
High Speed

Merkur VZ-E [Type: 2074]
Flush bulkhead mounting:
- double, clear 5° compass card with six lubber lines
- readable from top & front
- unlimited rolling freedom
- heel angle up to 45°
- pitch angle +/-60°

73 170

Merkur VZ-R [Type: 2069]
Universal compass for bulkhead, sliding hatch & overhead mounting:
- bracket mounting and quick-release fastener
- double, clear 5° compass card with six lubber lines
- readable from top & front
- unlimited rolling freedom
- heel angle up to 45°
- pitch angle +/-60°

73 319

NSN# 6605014410236
Merkur SE [Type: 4220] Lifeboat
Console compass:
- clear 5° compass card with three lubber lines

Two mounting types:
- table-top console Ø 172 mm (6.8 inches) for assembly on control panel
- bracket for bulkhead, binnacle or helm station
- round flange

73 318

NSN# 6605013603847
Merkur SE [Type: 4220] Lifeboat
Horizontal mounting compass:
- clear 5° compass card with three lubber lines
- high resistance to horizontal acceleration
- square flange

73 172

2° Card

Merkur R2 [Type: 2631] Lifeboat
Lifeboat compass:
- horizontal mounting
- clear 2° compass card with one lubber line
- extreme vibration-resistance
- square flange
C. PLATH VENUS®
Features of the Venus Compass:

150 mm (5.75 inches) apparent card diameter

For use on larger motor and sailing yachts

- 6 lubber lines: 5 yellow lubber lines and 1 curved main lubber line
- 1 shadow pin for relative bearing
- Choice of 1° or 5° compass card for all magnetic zones
- North & South hemispheres
- Extremely durable due to aligned gimbal system
- Corrosion resistant aluminum, anodized, powder-coated case
- Strong glass dome - blocks UV rays
- Two year warranty on compass
- Lifetime warranty on dome
- Certified by GL (Notified Body 0098) according to the requirement 96/98/EC in accordance with module B and D (Wheelmark)

Technical data:
Venus console compass for flush mounting in cockpit floor, deck, helm station, or steering pedestal.
- 12-V or 24-V lighting, red, glare free
- Compass weight: 3.1 kg (6.8 lbs)
- Lubber line error ≤ 1°
- Deviation error ≤ 1°
- Friction error ≤ 1°
- Lag error ≤ 2°
- Oscillation period ≥ 4.7 seconds
- Temperature range: -30°C to 60°C (-22°F to 140°F)
- Cut-out diameter Ø 152 mm (6 inches)
- Pitch diameter of flange: 164 mm (6.5 inches)
- Installation depth: 100 mm (4 inches)
- Height with binnacle: 195 mm (7.7 inches)
- Binnacle diameter: 170 mm (6.7 inches)
- Weight of binnacle: 1.2 kg (2.6 lbs)

Venus II [type: 2795]

73 245
(5 degree card)

73 322
(1 degree card)

Venus Binnacle

73 467
compensation capsule

73 260
Venus Binnacle shown with Hood

73 460 (black)
73 464 (white)

Venus Binnacle
(for flush mounting on helm station or steering pedestal)

Hood

Hood & Visor

73 253 (black)
73 311 (white)

73 253 (black)
73 311 (white)
**Hand Bearing Compass**

**Hockey Puck**

2005

- To take bearing of a point, compass is held near eye and read down line of sight. Stable bearing appears in prism in perfect focus day or night.
- For quick reference, a heading can be determined by looking straight down at compass and reading degree shown with magnifying lens.
- Contrasting black and red numbers on compass card make it quick, clear and easy to read.
- Compass features liquid-dampened card.
- Accurate to within 1°.
- Improved photoluminescent night lighting that quickly charges by placing compass momentarily under bright light. No batteries required.
- Colorful, sturdy rubber housing protects compass.
- Includes an integral lanyard, which serves as convenient neck or wrist strap.
- Includes directions for use.
- Dims: 1 ¼” x 3 ¼” diameter (30 x 81 mm)
- Wt: 0.29 lb (132 g)

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## Chart Accessories

**ChartKit Plotter**

- 122
- For Admiralty Leisure, Imray chart books and Maptech ChartKits
- Portable navigation system for paper charts
- Quickly and accurately determine navigation courses & positions
- Parallel arm fitted with adjustable compass rose permits direct plotting of magnetic or true courses
- Clear, write-on cover protects charts
- Firmly supports chart work whether in cockpit, on deck or below
- Nylon carrying case and 4 colored dry erase pens included
- Dims: 22 ¾” x 20 ¼” (575 x 513 mm)
- Wt: 9.05 lbs (4.1 kg)

**Accessories:**

- 123 Pen Set (red, green, blue, black)
- 129 Replacement ChartKit Plotter Arm

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**Commercial Grade Chartlite**

**S1400-12 (12 Volt)**

- Dimmer control
- Focus control - "flood" to "spot"
- Momentary switch for maximum brightness
- Red or white light lever control
- Fully adjustable in both vertical & horizontal planes
- Unsnaps from base for handheld use
- 5' retractable coiled cord
- Can be mounted vertically, horizontally or inverted
- Lightweight, corrosion resistant die-cast aluminum alloy
- 12V draws 0.33A; 24V draws .17A
- 2 year warranty
- Dims: 1 ¾” dia x 3 ¼” (45 x 89 mm)
- Wt: 0.85 lb (386 g)

**S1400-24 (24 Volt)**

**Chart Light**

- 31200
- Concentrates light exactly where needed
- Red slide-on lens for night vision (included)
- High intensity tungsten halogen bulb—5 times brighter than conventional filament bulb
- Convenient dimming control built into base
- Permanent or "Quick Disconnect" mounting method
- 12" flexible goose neck for versatility
- 12 Volt DC operation
- .38 amp consumption maximum
- 2 year warranty
- Dims: 3” x 1 ½” (76 x 27 mm)
- Wt: 1 lb (454 g)

**Accessories:**

- 31211 Additional Snap Mounts
- 31215 Replacement Halogen Bulb
- 31216 Replacement Red Lens
- 31217 Optional AC Power Transformer + GAD cable

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**Telescoping Chart Case**

- 80
- Tubular-shaped fully enclosed case
- Reinforced rib design provides strength
- Twist-lock telescoping feature easily adjusts to accommodate chart lengths from 24” to 47”
- 3” diameter offers ample storage space
- Adjustable shoulder strap and threaded cap for security
- Length: Expands from 24” to 47” (610 x 1194 mm)
- Wt: 1 lb (454 g)
Log Books & Covers

The Ship’s Log™ 797
- Flexible, diary-type format consisting of lined pages for recording ship’s data and activities
- Includes: 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
- ISBN 1 878797 08 5

The Cruising Log™ 798
- Provides space for recording excursion data and vital vessel information
- Includes guest registry and quick reference pages on such topics as: rules of the road, radio procedures, distress signals and weather reference
- ISBN 1 878797 06 9

The Guest Log™ 799
- Contains plenty of room for recording visitors aboard
- Includes reference pages covering such topics as: equipment checklist, rules of the road and more
- Pages for recording important vessel and cruising information also provided
- ISBN 1 878797 07 7

The Sportfishing Log™ 803
- Designed to record pertinent information about fishing excursions
- Pages include: angler’s trip logs for recording sea conditions, activity, destinations with 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
- ISBN 1 878797 09 3

The Maintenance Log™ 804
- Includes ample space to list vessel specifications, spare part numbers, repairs and maintenance, as well as space for reference drawings
- Also includes quick reference pages on safety, weather, BIA certification requirements and more
- ISBN 1 878797 10 7

Teak Log Covers
297 Teak Log Cover, Blank Plate
298 Teak Log Cover, Marlin
299 Teak Log Cover, Sailboat
300 Teak Log Cover, Powerboat
- Attractive, handmade teak wood with high gloss lacquer finish
- All covers feature solid brass engravable plate
- Marlin, Sailboat and Powerboat plates have ample room for personalized engraving
- Fits all Weems & Plath Log Books (sold separately)
- Dims: 13” x 10” (330 x 254 mm)
- Wt: 2.87 lbs (1.302 g)

Leather Log Cover 301
- Handsome navy blue leather alternative to Teak Log Cover
- Fits all Weems & Plath log books (sold separately)
- Reversible brass plate slides into cover pocket. One side is engraved with the words “Ship’s Log”, the other side is blank, suitable for personalized engraving
- Features brass corners & leather pen loop (pen included)
- Dims: 12 ¼” x 10” (314 x 254 mm)
- Wt: 1.25 lbs (567 g)
- Accessories:
  302 Spare Black/Gold Pen
  303 Pen Refill

_dims: 11 ½” x 8 ¾” (292 x 219 mm) Wt: 0.94 lb (426 g)

Please inquire about our in-house engraving and customization services

214 Eastern Avenue • Annapolis, MD 21403 | www.weems-plath.com | sales@weems-plath.com | 1.800.638.0428
PORTU RICO
A1 Puerto Rico. Passage Chart 1:285,000 Plans: San Juan, Bahía de Ponce, Puerto Arrecibo, Bahía de Mayaguez
A11 Bahía de Guanica to Punta Borinquen. 1:116,700 Plans: Bahía de Mayaguez, Puerto Real, Bahía de Boquerón, Approaches to La Parguera
A12 Punta Figuras to Bahía de Guanica. 1:116,700 Plans: Arroyo, Bahía de Ponce, Bahía de Jobos, Bahía de Guanica, Bahía de Guayamilla, Isla Caja de Muertos, Puerta Petrona
A13 Cabo San Juan to Culebra I & Punta Figuras. 1:116,700 Plans: Pasaje Medio Mundo, 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 Grotas, Isleta Marina, Isla Paimonos, 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 Antonio & Lameshur 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 & Nancy 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. 1:277,700 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 Cay, Crocus Bay, Shoal Bay & Island Harbour, Groot Baai, Simpsonbaai, Anse de Marigot
A241 St Barthélemy. 1:33,800 Plans: Gustavia
A242 St Martin. 1:48,900
A25 St Eustatius, St Christopher, Montserrat & Nevis. 1:103,600 Plans: Saba I, (355,000) Montserrat I, (104,000) Fort Royal (Saba), Basseterre Bay (St Kitts), The Narrows, Plymouth [Montserrat], Oranjestad I [St Eustatius]
A26 Barbuda—Southwest Coast. 1:35,600 Plans: Gravenor Bay
A27 Antigua. 1:57,600 Plans: Nonsuch Bay, Mamora Bay, Falmouth, English Harbours
A271 North Coast of Antigua. 1:29,600
A28 Guadeloupe. 1:141,000 Plans: Pointe-à-Pitre, Anse Deshaies, Gozé, Port Louis, St François and Marina de la Gae Saline, Marine de Rivière 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, Cuit-de-Sac Marin, Havre du Robert, Rade de Fort de France, Havre de la Trinité, Mouillage du Français
A301 Pointe du Diamant to Havre de la Trinité. 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, Pointe 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. 1:72,000 Plans: Kingsport Bay, Calicaqua Bay & Blue Lagoon, Admiralty Bay, W Coast of Mustique, Balliceaux & Battowia, Friendship Bay, Chateaubelair Bay
B31 Bequia to Carriacou. 1:91,200 Plans: Hillsborough Bay, Clifton Harbour, Charlestown Bay, Tobago Cays
B311 Middle Grenadines—Carriacou to Carriacou. 1:25,000 Plans: Carriacou to Grenada. 1:191,000 Plans: St George’s Harbour (Grenada), Tyrell Bay (Carriacou), NE Pl 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: Chaguarumas Bay.

VENEZUELA
D Venezuela—Gulf of Paria to Curaçao. Passage Chart 1:1,021,000
D1 Part of Spain to Cabo Coderia. Passage Chart 1:583,700 Plans: Part of Spain, Carenero
D10 North Coast of Trinidad and Golfo de Paria. 1:145,000 Plans: Golfo de Paria, Guiria, Ensenada Patao, Ensenada Caraquita, Macqueripe Bay, Maracas Bay, La Vache Bay, Las Cuevas Bay, Chupara Bay, Grande Riviere Bay, Toco Bay, Matelot Bay, Point Fortin, Pointe Souci Bay, Pointe a Pierre, Brighton, Trinidad
D11 Caribbiano to Carapao and Isla de Margarita. 1:173,000 Plans: Pampatar, Bahía de Mangle, Bahía Escocida, Punta de Piedras, Porlamar, Cumana, Laguna Grande del Obispo, El Sabo (Isla Coche)
D13 Isla de Margarita to Carenero. 1:255,300 Plans: Carenero, Isla Piritu, Cumana
D131 Puerto Mochima to Bahía de Barcelona. 1:63,900 Plans: Ameropec Vespucio Marina & El Morro, Marina Club Nautico El Morro, Puerto la Cruz Marina, Bahías Bergantín, Guanta & Ferralgale, Puerto Mochima
D14 Isla los Testigos. 1:30,000 Isla la Tortuga. 1:60,000 Plans: Lagunilla el Carenero, La Blanquilla 1:60,000
D2 Cabo Cadera to Cabo San Roman. Passage Chart 1:383,700 Plans: Puerto Carenero, Puerto Cabello
D21 Carenero to Punta San Juan. 1:244,400 Plans: Puerto la Cruz, Puerto Cabello, Puerto Chichiriviche & Parque Nacional Morrocoy, Bahía San Juan, Ensa de Coronados, Higuere, Puerto Carenero, Puerto Calera, Puerto la Guaira, Puerto Azul, Caraballeda YC, Marina del Mar
D22 Isla los Roques. 1:89,700 Plans: Puerto el Roque, Eastern end of Carenero, Cayo de Agua Isla de Aves 1:63,900 Plans: Lighthouse Islands, Long Island, Round Island, Eastern end Barlovento
D23 Punta Aguila to Cabo San Roman & the A, B, C Islands. 1:255,400 Plans: Puerto Cumarebo, Cariñija
D231 Bonaire & Aruba. 1:75,000 Plans: Lac Baai, Kralendijk, Cariñija
D232 Curacao. 1:75,300 Plans: Willemstad & Schottegat, Piscadera baai, Santa Maria Baai, Sabaen Watel

NORTH ATLANTIC (E Series Charts)
E1 Arquipélagos de Azores. 1:759,000 Plans: Porto das Velas, Ponta Delgada, Praia da Vitoria, Vila do Porto, Vila do Porto, Sant Cruz, Horta
E2 Islas Canarias. 1:988,000 Plans: Pto de la Luz, Pto de los Marmoles & Pto de Naos, Pto de San Sebastian, Pto de Santa Cruz, Darsea Pesquera ($ C Tenerife), Moro Jable, Pto de la Estaca
E3 Arquipélagos de Madeira. 1:170,000 Plans: Pto Santo, Pto do Funchal
E4 Arquipélagos de Cabo Verde. 1:510,000 Plans: Pto da Pompa, Pto Grande, Pto de Sal Rei, Pto Novo, Pto da Praia, Cavaleiras, Pto Velho, Baia da Palmeira
E5 Bermuda. 1:60,000 Plans: Hamilton, St. George’s Harbour, Dockyard Marina
Celestial Navigation Aids
Tamaya marine sextants literally circumnavigate the globe. From the Cape of Good Hope to Cape Cod these Japanese-made sextants are used confidently by ocean-going navigators. Tamaya strives for precision and guarantees their quality because when you’re miles out to sea your safety may depend on their craftsmanship.

Tamaya Spica Sextant

- Proven quality through many years of use by ocean-going navigators
- Two year warranty

**ACCURACY:** Less than 10” of arc for -5 to 125 degrees

**ARC:** Reads from -5 to 125 degrees
White engravings on black finished bronze
Radius 162mm

**MICROMETER DRUM:** White engravings on a black plastic drum, held securely to tangent screw with two locking devices.
1” scale vernier reads to 0.2

**FRAME:** Lightweight aluminum alloy with corrosion resistant black finish, bronze arc

**INDEX MIRROR:** Rectangular, 57x42mm, aluminized on the rear side

**HORIZON MIRROR:** Circular, 57mm diameter. The right half aluminized on the rear side

**ILLUMINATOR:** LED illumination of both arc and drum

**CARRYING CASE:** Molded plastic with two slide locks, can be stored in fitted case with either scope mounted, 335x335x165mm

**STANDARD ACCESSORY:** Adjusting wrench

**SHADES:** (included)
1) 4 for index mirror
2) 3 for horizon mirror
3) One special shade glass and one polaroid glass for eyepiece

**WEIGHT:** 4 lbs (1815 g)

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Tamaya Jupiter Sextant

- Tamaya’s full sized “best value” sextant shares many features of more expensive sextants
- Two year warranty

**ACCURACY:** Less than 18” of arc for -5 to 90 degrees

**ARC:** Reads from -5 to 125 degrees
Black finished aluminum plate on bronze
Radius 162mm

**MICROMETER DRUM:** White engravings on a black plastic drum with aluminum knob, held securely to tangent screw with a special locking device.
1” scale vernier reads to 0.2

**FRAME:** Lightweight aluminum alloy with corrosion resistant black finish, bronze arc

**INDEX MIRROR:** Rectangular, 57x42mm, aluminized on the rear side

**HORIZON MIRROR:** Circular, 57mm diameter. The right half aluminized on the rear side

**ILLUMINATOR:** LED illumination of both arc and drum

**CARRYING CASE:** Molded plastic with two slide locks, can be stored in fitted case with either scope mounted, 335x335x165mm

**STANDARD ACCESSORY:** Adjusting wrench

**SHADES:** (included)
1) 4 for index mirror
2) 3 for horizon mirror

**WEIGHT:** 3.75 lbs (1701 g)

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INTERCHANGEABLE TELESCOPES FOR ALL TAMAYA Sextants (sold separately):

- 330 4x40 mm Scope: angle of view 7”, relative brightness 100, fully coated
- 331 7x35 mm Monocular Scope: angle of view 6.5”, relative brightness 25, fully coated
- 70 005 3.5x40 mm Scope for Tamaya Sextants
- 509 7x 35 mm Weems Scope, fits Tamaya, Astra IIIIB & C. Plath Sextants

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FOR CUSTOM Sextant DISPLAY STAND PLEASE CALL FOR MORE INFORMATION 800.638.0428

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214 Eastern Avenue - Annapolis, MD 21403 | www.weems-plath.com | sales@weems-plath.com | 1.800.638.0428
**Celestial Navigation Aids**

**Tamaya Navigation Calculator NC-2200**
- Six built-in programs with simple prompts
- Course and distance computation
- Dead reckoning computation
- Great circle computation
- ETA computation
- LOP computation
- Meridian passage computation
- Convenient conversions for HHH to HHH
- Long-term nautical almanac for the Sun, Moon, Venus, Mars, Jupiter, Saturn and 63 stars. Built-in almanac is usable until 2100, with accuracy better than 0.2.
- Twilight Time mode computes time of rise or set, age and azimuth for the Moon
- Prediction/identification mode computes azimuth and altitude for all celestial bodies and displays any usable bodies above the horizon
- AAA batteries included for setup & test (Replace with Lithium or rechargeable batteries for use)
- High resolution 240x320 touch screen
- Two year warranty
- NSN 6605015711851
Dimensions: 2 ¾” x 4 ¼” x ½” (72 x 125 x 14 mm)
Wt: .37 lbs (165 g)

**Star Finder 2102-D**
- Graphically portrays altitude and azimuth of fifty-seven numbered stars in Air and Nautical Almanacs
- Additional celestial bodies may be plotted on star base
- Special diagrams permit rapid check of hour angle and also provide means of finding altitude and azimuth of uncharted stars, or identification of uncharted bodies from known altitude and azimuth
- NSN 660501296526
Dimensions: 8 ½” (216 mm)
Wt: 1 lb (454 g)

**The Star Finder Book** 152
*by David Burch*
- Complete guide to the many uses of 2102 D Star Finder
- Also aids navigator with star and planet identification and height and bearing predictions
Dimensions: 8 ½” x 11” (216 x 280 mm)
Wt: 0.63 lb (286 g)

**Star Finder 2102-D & Book** 150-152
- Better value when purchased together

---

214 Eastern Avenue · Annapolis, MD 21403 | www.weems-plath.com | sales@weems-plath.com | 1.800.638.0428
The 12 Volt Doctor’s Practical Handbook 15010
by Edgar J. Byn
• Provides a clear and useful guide for electrical system troubleshooting
• Covers such subjects as: lightening protection, engine instruments and alarms
• Chapter on Electrolytic Corrosion is the most definitive text available on the subject
• Plentiful, simple illustrations make the book easy to use even if reader has no previous electrical experience
• With the “Doctor” you can: fix electrical problems on board before calling expensive outside technicians, learn and understand basic electricity, maintain your own 12 volt system, understand and use “zincs” effectively and isolate and repair hard to diagnose electrical problems
• ISBN 1 878797 13 1

The 12 Volt Doctor’s Alternator Book 15012
by Edgar J. Byn
• Helps simplify the mysteries of the boat’s alternator—the prime source of power on almost every boat
• User-friendly, comb-bound, 8-1/2” x 11” size, lays flat when open for hands-free work
• Simple drawings and clear instructions help the reader identify alternators and understand how they work
• Covers topics such as: field connections, brushes, internal regulators, idalight, tachometer connection, identification of terminals, testing procedures, emergency repairs, connecting regulators and basics of how to take the alternator apart
• ISBN 1 878797 02 6

The 12 Volt Doctor’s Project Book 15014
by Edgar J. Byn
• Offers a variety of building projects with circuits that go beyond basic equipment
• Projects include: adding a third battery bank without another main switch, making an ammeter for high current, high and low voltage indicator lights, alarm systems, wind speed indicators and motion sensors
• All projects are related to 12 volt battery systems and direct current
• Previous experience with electrical and mechanical work is suggested
• ISBN 1 878797 01 8

Barometer Handbook 25122
by David Burch
A good barometer is the key to good weather work, so this book —
• Explains how to evaluate a barometer and carry out a simple calibration using easy online resources
• Introduces users to the new breed of electronic devices that are in the process of revolutionizing how we use weather information at sea
• Reinroduces mariners to several classic aneroid instruments that are highly accurate and tested at sea
• Explains how to use accurate pressure in marine navigation with practical examples
• Includes monthly mean sea level pressures worldwide, including the standard deviations of each

The USPS Basic Plotting Guide Booklet 557
by United States Power Squadrons
• Teaches basic concepts in coastal and inland navigation
• Explains how to measure latitude and longitude of a point on your chart for entry into your GPS
• Details how to plot a position using latitude and longitude given by the GPS
• Describes how to plot, measure and label course lines on a chart
• Designed by the United States Power Squadrons, an organization dedicated to making boating safer and more enjoyable by teaching classes in seamanship, navigation and related subjects
**Brass & Chrome Marine Bells**

We searched the world over to bring you the highest quality marine brass bells. These hand-crafted bells are guaranteed to please with their richness of sound and beautiful finish. A high copper content makes them stronger than most bells available on the market. They are cast brass, polished to a mirror finish and produce a rich resonant tone when struck.

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**Marine Bell Sizes & Finishes:**

- All bells include bulkhead or wall mount slide & lock bracket
- Monkey fist lanyard included (white for brass bells, navy blue for chrome bells)
- Cast brass or chrome plated brass

**Accessories:**

- Wall Mount Bracket (brass & chrome)
- Lanyards in blue & white (available upon request)

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See page 55 for Decorative Bells

8.5" and 12" bells meet US Coast Guard requirements

RINA certification documents included for 8.5" & 12" bells

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**Stainless Steel Marine Bells:**

- **6000** 6” (152 mm) Brass Bell | wt. 2.65 lbs (1.2 kg)
- **6000C** 6” (152 mm) Chrome Bell | wt. 2.65 lbs (1.2 kg)
- **7000** 7” (178 mm) Brass Bell | wt. 4.3 lbs (1.95 kg)
- **7000C** 7” (178 mm) Chrome Bell | wt. 4.3 lbs (1.95 kg)
- **8000** 8.5” (216 mm) Brass Bell | wt. 7.28 lbs (3.3 kg)
- **8000C** 8.5” (216 mm) Chrome Bell | wt. 7.28 lbs (3.3 kg)
- **12000** 12” (305 mm) Brass Bell | wt. 18.74 lbs (8.5 kg)
- **12000C** 12” (305 mm) Chrome Bell | wt. 18.74 lbs (8.5 kg)
ENDURANCE™ II COLLECTION

- Maintenance free, ultra-hard protective coating
- Guaranteed not to tarnish or scratch
- Weather resistant
- Porthole style front opening bezel
- Beveled glass crystal
- Mounting methods for boat or shore
- Wood base in black or mahogany finish available separately

Light, strong and durable, Endurance II redefines nautical porthole style, combining state-of-the-art construction with traditional design. This collection includes over 25 instruments and features the same ultra-hard finish that is the hallmark of the original Endurance collection.

Endurance II is available in three sizes and two finishes (brass and chrome) in a wide range of instruments that include clocks, tide clocks, barometers, thermometers and comfortmeters (thermometers with hygrometers).

105 Series
Dial: 3 3/8” (81 mm) | Base: 4 3/4” (120 mm) | Depth: 2 1/4” (55 mm) | Wt: .80 lbs (363 g)

Roman Numeral Clock
Thermometer
Comfortmeter
Clock
Barometer
130530 (brass)
131200 (brass)
130900 (brass)
130500 (brass)
120500 (chrome)
130733 (brass)
120733 (chrome)

115 Series
Dial: 4” (102 mm) | Base: 6” (150 mm) | Depth: 3 1/8” (78 mm) | Wt: 1.25 lbs (567 g)

Clock
Roman Numeral Clock
Time & Tide Clock
Barometer
Comfortmeter
Barometer/Thermometer
510500 (brass)
510530 (brass)
510300 (brass)
510733 (brass)
510900 (brass)
511000 (brass)
560500 (chrome)
510733 (chrome)
560733 (chrome)
**ENDURANCE™ II COLLECTION CONTINUED**

**135 Series**

- Dial: 5” (124 mm) | Base: 7” (180 mm) | Depth: 2 1/2” (62 mm) | Wt: 2 lbs (907 g)

- **Clock**
  - 950500 (brass)
  - 960500 (chrome)

- **Roman Numeral Clock**
  - 950530 (brass)

- **Comfortmeter**
  - 950900 (brass)

- **Barometer/Thermometer**
  - 951000 (brass)

- **Time & Tide Clock**
  - 950300 (brass)

- **Roman Numeral Ship’s Dial Clock**
  - 950531 (brass)

- **Barometer**
  - 950733 (brass)
  - 960733 (chrome)

- **Signal Flag Dial Clock**
  - 950505 (brass)

- **24 Hour Radio Room Clock**
  - 950509 (brass)

**ENDURANCE™ II WOOD BASES**

- Solid North American hardwood in black or rich mahogany finish

### 135 Single Base

- **135SB (black)**
- **135SM (mahogany)**
  - Fits one Endurance II 135 series instrument
  - Black felt lined bottom
  - Dims: 11” x 3 3/4” x 8 1/2” (mm)
  - Wt: 115SB/SM - 1.7 lbs (771 g)

### 115 Single Base

- **115SB (black)**
- **115SM (mahogany)**
  - Fits one Endurance II 115 series instrument
  - Black felt lined bottom
  - Dims: 10” x 3 1/2” x 7 1/2”
  - Wt: 115SB/SM - 1.7 lbs (771 g)

### 105 Single Base

- **105SB (black)**
- **105SM (mahogany)**
  - Fits one Endurance II 105 series instrument
  - Black felt lined bottom
  - Dims: 9” x 3 3/8” x 6 5/8” (mm)
  - Wt: 115SB/SM - 1.7 lbs (771 g)
**Endurance™ Collection**

1. **Weatherproof**

Weatherproof construction with O-ring seated behind beveled glass.

2. Patented Weems Slide-n-Lock™ Mounting System locks instrument in place with no visible mounting screws and allows easy removal for adjustments, battery changes, storage or security.

3. Maintenance-free ultra-hard finish that will NEVER tarnish or scratch.

**Endurance Wood Bases**

- Solid North American hardwood with rich mahogany finish
- Slide instrument firmly in place with Weems Slide-n-Lock™ mounting plate that is attached to inside back of base

---

**Single Base 85S**

- Fits one Endurance 08S instrument
- Felt-lined bottom
- Dims: 7 ¾” x 2 ¾” x 6” (197 x 60 x 152 mm)
- Wt: 85S - 1 lb (454 g)

**Triple Base 85T**

- Fits 3 Endurance 08S instruments
- Felt-lined bottom
- Dims: 16 ½” x 2 ½” x 6” (419 x 60 x 152 mm)
- Wt: 2.35 lbs (1066 g)

(Engraved brass plates available separately)
ENDURANCE™ COLLECTION CONTINUED

- Maintenance-free, ultra-hard finish guaranteed to NEVER tarnish
- Patented Slide-n-Lock™ Mounting System, no visible mounting screws, easy removal for adjustments & battery replacement
- Weatherproof construction
- Available in brass and chrome finish
- Beveled glass crystal
- Includes AA battery
- United States Patent #7,293,456

085 Series
Dial: 3 3/8" (85 mm)  |  Base: 4 1/16" (105 mm)
Depth: 1 1/8" (38 mm)  |  Wt: .65 lbs (295 g)

Clock  |  Barometer  |  Comfortmeter

230500 (brass)  |  320500 (chrome)
230700 (brass)  |  320700 (chrome)
230900 (brass)  |  320900 (chrome)

125 Series
Dial: 4 3/8" (125 mm)  |  Base: 6" (152 mm)
Depth: 1 5/8" (41 mm)  |  Wt: 1.3 lbs (589 g)

Clock  |  Barometer  |  Comfortmeter  |  Tide & Time Clock

530500 (brass)  |  530700 (brass)  |  530900 (brass)  |  530300 (brass)
540500 (chrome)  |  540700 (chrome)  |  540900 (chrome)  |  540300 (chrome)

145 Series
Dial: 5 3/4" (145 mm)  |  Base: 7 1/4" (181 mm)
Depth: 1 7/8" (48 mm)  |  Wt: 1.45 lbs (658 g)

Barometer/Comfortmeter

531400 (brass)
**Ship's Bell Clock**

Weems & Plath is proud to build the finest quality ship's bell clocks available. We offer two movements, a quartz ship's bell and a traditional key wound 8-day ship's bell. Our most popular movement is the quartz ship's bell which is battery operated, is made in Denmark and has a two year warranty. The quartz bell movement is available in two sizes, a large bell which is in the Anniversary and Atlantis collections and a smaller bell which is in the Martinique and Orion Collections. Our traditional heirloom quality 8-day clock is available in the Anniversary, Atlantis and Martinique collections. Our 8 day key wound clocks are assembled and tested in Annapolis using the handcrafted Hermle 11 jewel movement made in the Black Forest region of Germany. Because of our confidence in the quality of the movement, we offer an unmatched lifetime warranty on all instruments we build using this movement.

**Origin of the Ship's Bell Clock**

The present ship’s bell clock system of chimes evolved from a crude sand clock dating back to the time of Columbus. This primitive sandglass clock was an essential device for marking time at sea.

Records of epic sea voyages tell us that this device was used in tandem with a striking bell by the helmsman to measure time in half-hour increments. Watches or shifts were organized into four hour time periods; a custom that is still widely used. With the sandglass at his side, the seaman on duty signaled the passing of each half hour, starting with the strike of one bell at the end of the first half hour, two at the second and so on until “eight bells” which signaled the end of the watch.

The use of the sandglass clock continued for hundreds of years and was finally replaced by the development of the mechanical clock. It was not until the 19th century, that the first ship’s bell clock was produced in America that combined the clock and bell in the same instrument. The principle of this American innovation remains almost unchanged to this day.

### Ship’s Bell Clocks

- **100275** Anniversary 8-Day Ship’s Bell Clock
- **190100** Martinique Quartz Ship’s Bell Clock
- **190200** Martinique 8-Day Ship’s Bell Clock
- **200100** Atlantis Quartz Ship’s Bell Clock
- **200101** Atlantis Premiere Quartz Ship’s Bell Clock, Black Dial
- **200200** Atlantis 8-Day Ship’s Bell Clock
- **220100** Chrome Atlantis Quartz Ship’s Bell Clock
- **400100** Orion Quartz Ship’s Bell Clock
- **400120** Photoluminescent Orion Quartz Ship’s Bell Clock

**The Ship’s Bell Code**

<table>
<thead>
<tr>
<th>Time</th>
<th>Bells</th>
</tr>
</thead>
<tbody>
<tr>
<td>4:00 - 8:00</td>
<td>8</td>
</tr>
<tr>
<td>8:00 - 12:00</td>
<td>8</td>
</tr>
<tr>
<td>12:00 - 12:30</td>
<td>1</td>
</tr>
<tr>
<td>12:30 - 13:00</td>
<td>2</td>
</tr>
<tr>
<td>13:00 - 13:30</td>
<td>3</td>
</tr>
<tr>
<td>13:30 - 14:00</td>
<td>4</td>
</tr>
<tr>
<td>14:00 - 14:30</td>
<td>5</td>
</tr>
<tr>
<td>14:30 - 15:00</td>
<td>6</td>
</tr>
<tr>
<td>15:00 - 15:30</td>
<td>7</td>
</tr>
<tr>
<td>15:30 - 16:00</td>
<td>8</td>
</tr>
</tbody>
</table>

Look for the bell icons to locate clocks that chime with the ship’s bell code.

**Download Ship’s Clock App**

Enjoy your Ship’s Bell Clock on the go by downloading our Ship's Clock Pro on your iPhone.

[Scan QR Code](#)
**Anniversary Collection**

- Created from solid, forged brass that is hand polished and lacquered
- 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
- Includes instructions & mounting hardware

**Anniversary 8-Day Ship’s Bell Clock**

- Traditional ship’s 8-bell cycle, rings every half hour
- Handcrafted German Hermle 11-jewel, key wound movement with bell silencer
- Battery not required, must be key wound weekly

Wt: 8 lbs 2 oz (3685 g)

**Anniversary Quartz Ship’s Bell Clock**

- Traditional ship’s 8-bell cycle, rings every half hour
- Quartz ship’s bell movement with bell silencer switch
- Includes AA battery
- 2 year warranty

Wt: 6 lbs 14 oz (3118 g)

**Anniversary Barometer**

- Highly reliable and accurate double diaphragm German aneroid movement
- Displays both barometric scales: inches of mercury and millibars
- Movement is temperature compensated and calibrated for altitudes up to 3500 feet above sea level

Wt: 7 lbs 2.5 oz (3246 g)

**Anniversary Wood Base**

- Mahogany finish base with round brass feet
- Special design feature allows the ship’s bell chime to resonate from the clock so the sound is heard clearly
- Keyhole in rear provides convenient storage for 8-day winding key

Dims: 14 1/4” x 4 1/4” x 10 1/2” (362 x 102 x 254 mm)

Wt: 5 lbs 2 oz (2325 g)

Originally created to commemorate 75 years of the rich heritage of Weems & Plath. Crafted from the finest materials in the world, these instruments are museum quality.

Dial: 5 1/4” (133 mm)
Base: 7” (178 mm)
Depth: 3 1/2” (89 mm)
**ATLANTIS™ COLLECTION**

- Created from solid, forged brass that is hand polished and flawlessly lacquered
- Screw bezel adds the classic nautical look and allows easy access to components for adjustment
- Provided with complete instructions and mounting hardware

**Quartz Ship's Bell Clock**
- Traditional ship's 8-bell cycle, rings every half hour
- Bell silencer switch
- Includes AA battery
- 2 year warranty
- Wt: 3 lbs 7 oz (1559 g)
- **200100** Atlantis Quartz Ship's Bell Clock (brass)
- **220100** Chrome Atlantis Quartz Ship's Bell Clock (chrome)
- **200101** Atlantis Premiere Quartz Ship's Bell Clock, Black Dial (brass)

**Quartz Clock**
- Precision movement
- Includes AA battery
- Wt: 3 lbs 6 oz (1531 g)
- **200500** Atlantis Quartz Clock (brass)
- **220500** Chrome Atlantis Quartz Clock (chrome)
- **200501** Atlantis Premiere Quartz Clock, Black Dial (brass)
- **200504** Atlantis Quartz Clock, Black Dial w/ Color Flags (brass) (pairs with 200704)
- **220504** Chrome Atlantis Quartz Clock, Black Dial w/ Color Flags (chrome) (pairs with 220704)

**8-Day Ship's Bell Clock**
- Traditional ship's 8-bell cycle, rings every half hour
- Key winds, 11-jewel movement with bell silencer switch
- Battery not required, must be key wound weekly
- Wt: 3 lbs 9 oz (1616 g)
- **200200** Atlantis 8-Day Ship's Bell Clock (brass)
- **200200** Replacement Key for 8-Day Ship's Bell Clock

**Time & Tide Clock**
- Combination quartz and tide clock movement averages the lunar tide cycle
- Tide indicator hand 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)
- Includes AA battery
- Wt: 3 lbs 3 oz (1446 g)
- **200300** Atlantis Time & Tide Clock (brass)
- **220300** Chrome Atlantis Time & Tide Clock (chrome)

Dial: 4" (102 mm)
Base: 5 1/2" (140 mm)
Depth: 2 3/4" (73 mm)

---

Our premium collection of traditional forged brass and chrome-plated instruments are assembled by expert technicians at our Annapolis headquarters from components crafted to our specifications from selected sources around the world.
Barometer
- Fully adjustable, temperature compensated aneroid movement with inch and millibar scales
- 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 (1446 g)

220700 Atlantis Barometer (brass)
220700 Chrome Atlantis Barometer (chrome)
200701 Atlantis Premiere Barometer, Black Dial with gold scales (brass)
200704 Atlantis Premiere Barometer, Black Dial with white scales (pairs with 220504) (brass)
220704 Chrome Atlantis Barometer, Black Dial with white scales (pairs with 220504) (chrome)

Barometer/Thermometer
- Fully adjustable, temperature compensated aneroid barometer movement with inch and millibar scales
- 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 includes both °F and °C scales, with markings every 2° from 32° to 122°F)
Wt: 3 lbs 3 oz (1446 g)

201000 Atlantis Barometer/Thermometer (brass)
221000 Chrome Atlantis Barometer/Thermometer (chrome)

Thermometer
- Dial-type thermometer includes both °F and °C scales, with markings every 2° from -8° to 130°F
- Preadjusted in temperature-controlled environment
Wt: 3 lbs 3 oz (1446 g)

201200 Atlantis Thermometer (brass)
221200 Chrome Atlantis Thermometer (chrome)

Single Mahogany Finish Base with Back Panel 100B
- Felt-lined bottom
Dims: 4” x 9-1/2” x 7-1/2” (102 x 241 x 191 mm)
Wt: 2 lbs (907 g)

Single Mahogany Finish Base 101B
- Felt-lined bottom
Dims: 4” x 9-1/2” (102 x 241 mm)
Wt: 1 lb 5 oz (596 g)
Martineque™ Collection

- Front-opening hinged bezel case is constructed of solid, forged brass with a coat of lacquer to ensure a lasting shine
- Provided with complete instructions and mounting hardware

Quartz Ship’s Bell Clock 190100
- Traditional ship’s 8-bell cycle, rings every half hour
- Bell silencer switch
- Includes AA battery
- 2 year warranty
Wt: 3 lbs 10 oz (1644 g)

8-Day Ship’s Bell Clock 190200
- Traditional ship’s 8-bell cycle, rings every half hour
- Key wound, 11-jewel movement with bell silencer switch
- Battery not required, must be key wound weekly
Wt: 3 lbs 9 oz (1616 g)

Time & Tide Clock 190300
- Combination quartz and tide clock movement averages the lunar tide cycle
- Tide indicator hand 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)
- Includes AA battery
Wt: 3 lbs 3 oz (1446 g)

Barometer 190700
- Fully adjustable, temperature compensated aneroid movement with inch and millibar scales
- 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 (1446 g)

Thermometer 191200
- Digital thermometer includes both °F and °C scales, with markings every 2° from -50° to 130°F
- Preadjusted in temperature-controlled environment
Wt: 3 lbs 3 oz (1446 g)

Barometer/Thermometer 191000
- Fully adjustable, temperature compensated aneroid barometer movement with inch and millibar scales
- 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 includes both °F and °C scales, with markings every 2° from 32° to 122°F
Wt: 3 lbs 3 oz (1446 g)

Quartz Clock 190500
- Precision German movement
- Includes AA battery
Wt: 3 lbs 6 oz (1531 g)

Single Mahogany Finish Base with Back Panel 100B
- Felt lined bottom
Dims: 4” x 9 1/2” x 7 1/2” (102 x 241 x 191 mm)
Wt: 2 lbs (907 g)

Single Mahogany Finish Base 101B
- Felt lined bottom
Dims: 4” x 9 1/2” (102 x 241 mm)
Wt: 1 lb 5 oz (596 g)
Our classic forged brass porthole style instruments are assembled by expert technicians at our Annapolis headquarters from components crafted to our specifications from selected sources around the world.

**Quartz Clock, 190504**
- **Black Flag Dial**
- Precision German movement (pairs with 190704)
- Includes AA battery
- Wt: 3 lbs 6 oz (1531 g)

**Barometer, Black Dial 190704**
- Fully adjustable, temperature compensated aneroid movement with inch and millibar scales
- 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
- Pairs with 190504
- Wt: 3 lbs 3 oz (1446 g)

**Admiral™ Collection**
- Forged brass, polished and lacquered
- Front opening screw bezel allows easy access to movement
- Provided with complete instructions and mounting hardware

**Quartz Clock 290500**
- Precision movement
- Includes AA battery
- Wt: 4 lb (1814 g)

**Barometer 290700**
- Fully adjustable aneroid movement with inch and millibar scales
- Calibrated for altitudes to 1,500' above sea level
- Wt: 4 lb 5 oz (1956 g)

**Cutter™ Collection**
- Forged brass, front-opening hinged bezel case allows easy access to the movement
- Includes instructions & mounting hardware

**Quartz Clock 210500**
- Precision movement
- Includes AA battery
- Wt: 1 lb 10 oz (737 g)

**Barometer 210700**
- Fully adjustable aneroid movement with inch and millibar scales
- Calibrated for altitudes to 3,500' above sea level
- Wt: 1 lb 10 oz (737 g)
**Orion™ Collection**

- Solid, forged brass, hand polished and flawlessly lacquered
- Screw bezel adds classic nautical look and allows easy access to components for adjustment
- Includes instructions and mounting hardware

**Quartz Ship's Bell Clock 400100**
- Traditional ship's 8-bell cycle, rings every half hour
- Bell silencer switch
- Includes AA battery
- 2 year warranty
- Wt: 1 lb 10 oz (737 g)

**Orion Quartz Clock 400500**
- Precision movement
- AA battery included
- Wt: 1 lb 5 oz (596 g)

**Photoluminescent Orion Quartz Clock**

**Orion Barometer 400720**
- Black dial with superior nighttime photoluminescent visibility
- Fully adjustable, temperature compensated aneroid movement with inch and millibar scales
- 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: 1 lb 7 oz (652 g)

**Photoluminescent Dial — Glows In The Dark**

**Nautilus™ Collection**

**High Sensitivity Barometer (not shown) 161815**
- Hydrophobic filter allows air to pass yet resists water
- Waterproof to a depth of 3 feet for 30 minutes
- Includes patented “high sensitivity” all metal aneroid movement with expanded scale so that needle noticeably moves as weather conditions change
- Scale ranges from 28.5 to 31.5 instead of traditional 27.5 to 31.5 Hg
- Can be read in millibars
- Wt: 1.1 lbs (499 g)

**Quartz Clock 160515**
- Precision quartz movement; accurate to +/- 15 seconds a month
- Waterproof to a depth of 100 feet
- Precision movement
- AA battery included
- Wt: 1.1 lbs (499 g)

**Quartz Clock with Inclinometer 162215**
- Precision quartz movement; accurate to +/- 15 seconds a month
- Waterproof to a depth of 100 feet
- Precision movement
- AA battery included
- Wt: 1.1 lbs (499 g)

**Dial:** 3 1/4” (83 mm)
**Base:** 4 3/4” (121 mm)
**Depth:** 2 5/8” (67 mm)

**Orion Barometer 400700**
- Fully adjustable, temperature compensated aneroid movement with inch and millibar scales
- 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: 1 lb 7 oz (652 g)

**WATER RESISTANT**

**Water resistant, rugged anodized aluminum instruments function extremely well in punishing saltwater environment.**

**Dial:** 3 3/4” (95 mm)
**Base:** 5 5/8” (149 mm)
**Depth:** 2 1/2” (64 mm)

**LifeTime Warranty**

**Made in Canada**

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For more information, contact Weems & Plath at 1-800-638-0428 or visit www.weems-plath.com.
**Bluewater™ Collection**

Dial: 3 ¾" (95 mm)
Base: 5 ½" (140 mm)
Depth: 2 7/8" (73 mm)

- Splash resistant, corrosion proof precision molded high impact black resin case requires little maintenance
- Glare resistant matte finish bezel
- Scratch resistant glass crystal
- Hinged bezel with knurled brass locking lug makes movement and battery easily accessible
- Splash resistant "O" ring seal
- Secure battery clip for open ocean security
- Provided with complete instructions and mounting hardware
- Lifetime warranty

**Quartz Clock**
- Precision movement
- Includes AA battery
Wt: 10 oz (283 g)

**Quartz Time & Tide Clock**
- Combination quartz and tide clock movement which averages the lunar tide cycle
- Tide indicator hand 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)
- Includes AA battery
Wt: 11 oz (312 g)

**Barometer**
- Fully adjustable, temperature compensated aneroid movement with inch and millibar scales
- Calibrated for altitudes to 1,500' above sea level
Wt: 10 oz (283 g)

**Thermometer**
- Dial-type thermometer includes both °F and °C scales, with markings every 2° from -10° to 130°F
- Preadjusted in temperature-controlled environment
Wt: 12.5 oz (354 g)

**Trident® Time & Tide**

Dial: 10 1/4" (260 mm)
Base: 10 1/2" (267 mm)
Depth: 2 1/4" (70 mm)

**Time & Tide Clock**
- Combination quartz and tide clock movement
- Large black dial with easy-to-read bold white lettering
- Housed in a black resin case with acrylic crystal
- Tide indicator hand 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)
- Includes instructions, AA battery & mounting hardware
Wt: 1 lb 1 oz (482 g)

**Trident™ Collection**

- Instruments made in Germany
- Polished brass, lacquered case

**Barometer**
- Fully adjustable aneroid movement with inch and millibar scales
- Calibrated for altitudes to 3,500' above sea level
Wt: 6 oz (170 g)

**Quartz Clock**
- Precision movement
- Includes AA battery
Wt: 7 oz (199 g)
Nautical Tambour Clock  410500
- Quartz clock movement set in piano-finish wood base with brass feet
- Brass finish will never tarnish
- Includes four color gift box, AA battery and instructions
Dep: 3” [76 mm]  |  Wid: 8” [203 mm]  |  Ht: 5” [127 mm]
Dial: 2 ½” [64 mm]
Wt: 1 lb 8 oz (680 g)

Porthole Weather Center  312800
- Horizontal configuration mounts on wall or stands free
- Hygrometer (thermometer/hygrometer), quartz clock & barometer
- Brass finish will never tarnish
- Mahogany finish hardwood
- Engravable brass plate included
- Includes N battery & hardware
Dep: 2 ½” [318 mm]  |  Wid: 14 ¼” [362 mm]  |  Ht: 6” [152 mm]
Dial: 2 ½” [64 mm]
Wt: 2 lbs 14 oz (1270 g)

Trysail Weather Center  313200
- Vertical configuration mounts on wall
- Comforometer (thermometer/hygrometer), quartz clock & barometer
- Brass finish will never tarnish
- Mahogany finish hardwood
- Includes N battery & instructions
Dep: 2½” [318 mm]  |  Wid: 14½” [362 mm]  |  Ht: 6½” [152 mm]
Dial: 2 ½” [64 mm]
Wt: 2 lbs 14 oz (1270 g)

Porthole Desk Set  313300
- Quartz clock & barometer
- Brass finish will never tarnish
- Mahogany finish hardwood base
- Indentation to rest pen
- Rubber feet to protect table surface
- Includes N battery & hardware
Dep: 2 ½” [318 mm]  |  Wid: 14 ½” [362 mm]  |  Ht: 6 ½” [152 mm]
Dial: 2 ½” [64 mm]
Wt: 2 lbs 14 oz (1270 g)

Porthole Desk Clock  312400
- Set in mahogany finish solid hardwood
- Brass quartz clock will never tarnish
- Includes four color gift box, AA battery & instructions
Dep: 1 ½” [38 mm]  |  Wid: 2 ½” [70 mm]  |  Ht: 6 ½” [165 mm]
Dial: 2 ½” [64 mm]
Wt: 1 lb 2 oz (503 g)
**Weather Station**

*Excellent for use onboard.*

**Weather Station 721700**
- Three brass instruments mounted on a solid mahogany plaque
- Easy-to-read instruments include Quartz clock, Barometer and Comfortmeter [combination thermometer/hygrometer]
- Vertical configuration
- Made in Germany
- Includes AA battery

**Dial:** 2 1/2" (64 mm)
**Wt:** 1 lb (454 g)

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**Bell Plaque 6060/EN4006**
- 6" bell, removable
- Engraveable brass plate and lanyard included
- Highly polished piano finish wood plaque
- Please inquire about additional size options

**Dims:** Plaque 9 x 12" (229 x 305 mm)
**Wt:** 4 lbs. 4.5 oz (1956 g)

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**Plaques**

*Beautiful wood plaques enhance the display of all instruments.*

- Lacquered mahogany finish
- Instruments sold separately

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**Round Plaque 502**
- For one instrument with base to 5 1/2" (146 mm) dia
- Fits: Martinique, Atlantis, Endurance II 105, Bells
- **Wt:** 13 oz (369 g)

**12 1/2" (318 mm)**

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**Citation Plaque AW-307**
- For two instruments with bases to 6 1/2" (165 mm) dia
- Fits: Martinique, Atlantis, Endurance II 115
- USNA insignia not included
- **Dims:** 11" x 18" (279 x 457 mm)
- **Wt:** 2 lbs 15 oz (1333 g)

**10 1/4" (267 mm)**

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**Large Plaque AW-400**
- Vertical or horizontal mounting
- Fits: Anniversary, Admiral, Endurance II 135, Bells
- **Wt:** 4 lbs 10 oz (2098 g)

**22 3/8" (578 mm)**

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Please inquire about our in-house engraving and customization services.
**Box Clocks**

**Box Alarm Clock 780600**
- Solid brass quartz alarm clock in a mahogany finish wood box
- Includes AA battery
- Engravable brass plate available on request
- Engraving services available
Dial: 3 1/4" (89 mm)
Box: 5 3/8" x 5 1/2" x 4" (146 x 146 x 100 mm)
Wt: 2 lbs 2 oz (953 g)

**Gimbal Box Clock 701100**
- Brass quartz clock mounted in solid wood mahogany finish box
- Rests in traditional polished brass ship’s chronometer gimbal with locking arm
- Polished brass fittings
- Includes N battery & brass plate for personalization
Dial: 2 1/4" (60 mm)
Box: 5 3/8" x 5 1/2" x 3 3/8" (146 x 146 x 95 mm)
Wt: 3 lbs 3 oz (1446 g)

**Gimballed Instruments**

**Solaris Desk Clock 790500**
- Polished brass and lacquered gimballed quartz clock swivels for any viewing angle & can be locked in place
- Stands on three brass legs
- Beveled glass crystal below clock can be etched for personalization
- Includes N battery & brass plate for engraving
Dims: 4 1/2" x 5 1/2" x 5 1/4" (117 x 133 x 133 mm)
Wt: 3 lbs 11 oz (1673 g)

**Skipjack™ Clock & Barometer 300800**
- Combination clock/barometer swivels 360° horizontally and vertically in a brass gimbal - one side is the clock & the other side is the barometer
- Gimbal allows for comfortable viewing from any angle
- Includes N battery
- Aneroid barometer calibrated for altitudes to 3,500' above sea level
Overall dims: 5 1/4" width x 5" height (140 x 127 mm)
Base diameter: 3 1/4" (83 mm)
Dial diameter: 2 1/4" (60 mm)
Wt: 2 lbs 6 oz (1077 g)

*Please inquire about our in-house engraving and customization services*
**Recording Barometers**

**Electronic Marine Barometer**

This digital barometer is designed specifically for the mariner. Not only does it show current pressure on the large display, it also registers historical information on a much more expanded scale than most electronic barometers.

Displays expanded history of any change that occurs over a 48 hour period. Accurately detects pressure changes to within +/- 0.5hPa.

**Electronic Marine Barometer 4002**
- Alarm signals abrupt changes in pressure
- Gauge warning system
- Continuous display of current pressure
- Continuous display of time, temperature and humidity (°F/°C)
- Backlighting for night use
- Can be free standing or bulkhead mounted
- Operates on 4AA batteries (included) average battery life - 1 year
- Two year warranty

Dimensions: 7 ¾"H x 7 ½"W x 1 ¼"D
(180.7 x 190 x 32 mm)
Wt: 12 oz

**Accessories:**
- 4002A AC/DC Adapter
- Purchase separately

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**Barographs**

**Dampened Deluxe Quartz Barograph 410-D**
- Eight diaphragm bellows provide maximum sensitivity and precision
- Hinged mahogany case with glass sides provides easy access to chart drum
- Quartz movement requires no winding and is more accurate than key-wound movements
- Barograph readings are marked with a felt tip pen which lasts 6 to 9 months
- Furnished with a one-year supply of weekly charts, one felt tip pen and dampening fluid
- AA battery included
- Made in Germany

**Chart size:** 3 ½" (92 mm)
**Chart range:** 28 ½ to 31"
**Chart duration:** 7 days
**Case dim:** 11” x 6 ¾” x 6 ¼” (279 x 171 x 165 mm)
**Wt:** 7 lbs (3175 g)

**Accessories:**
- 108 Replacement Inch Charts (3 1/16" x 12" [78 x 305 mm])
- 107 Replacement Millibar Charts (3 1/16" x 12" [78 x 305 mm])
- 451 Replacement Felt Tip Pen Cartridge

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**Classic Barograph 410-C**
- Housed in a mahogany case with glass sides and a polished brass handle for easy access
- Quartz movement requires no winding and is more accurate than key-wound movements
- Barograph readings are marked with a felt tip pen that lasts 6 to 9 months
- Furnished with a one-year supply of weekly charts and one felt tip pen
- AA battery included
- Made in Germany

**Chart size:** 3 ½" (92 mm)
**Chart range:** 28 ½ to 31"
**Chart duration:** 7 days
**Case dim:** 7 ¾” x 5” x 5 ¼” (197 x 127 x 133 mm)
**Wt:** 3 lbs (1361 g)

**Accessories:**
- 120CH Replacement Millibar Charts (2-1/16” x 9-1/4” [52 x 235 mm])
- 121 Replacement Inch Charts (2-1/16” x 9-1/4” [52 x 235 mm])
- 451 Replacement Felt Tip Pen Cartridge
Mini Yacht Lamp™ 600
- Crafted of solid cast and tooled brass
- Oil container capacity: 2 oz (0.06 l)
- Burn time: +/- 12 hours with clean burning Weems & Plath lamp fuel
- 2 year warranty
Dim: 7” tall x 2½” dia (178 x 64 mm)
Wt: 1 lb 10 oz (737 g)

Optional Wall Bracket 751
Wt: 14 oz (397 g)
- 2 year warranty

Accessories:
605 Brass Gimbal for Mini Yacht Lamp
751 Brass Wall Bracket for 600 & 700
792 Chimney
770-3 Wick

Atlantic Lamp w/Smoke Bell 718
- Solid brass
- Includes 4-way gimbal and smoke bell
- Oil container capacity: 6 oz (0.18 l)
- Burn time: +/- 21 hours with clean burning Weems & Plath lamp fuel
- Dims: 10” tall x 5” (254 x 127 mm) with gimbal
- 2 year warranty
Wt: 2 lbs 5 oz (1049 g)

Accessories:
790 Chimney
770-3 Wick

Yacht Lamp™ 700
- Crafted of solid cast and tooled brass
- Oil container capacity: 5 oz (0.15 l)
- Burn time: +/- 30 hours with clean burning Weems & Plath lamp fuel
- 2 year warranty
Dim: 10” tall x 3½” dia (254 x 89 mm)
Wt: 3 lbs 4 oz (1474 g)

Optional Gimbal 705
Wt: 1 lb 6 oz (624 g)
700 w/705

Accessories:
705 Brass Gimbal for 700
751 Brass Wall Bracket for 600 & 700
791 Chimney
770-3 Wick

Companion Lamp 818
- Solid cast brass plate, polished and lacquered
- Glass chimney
- Includes one disposable fuel cell with 17-hour burn time
- 2 year warranty
Dim: 3½” x 8¾” (89 x 222 mm)
Wt: 13.9 oz (394 g)

Accessories:
HD17-6 Disposable Fuel Cell (6-pack)
20210 Chimney
Chrome Mini Yacht Lamp™ 400
- Crafted of chrome plated solid cast and tooled brass
- Oil container capacity: 2 oz (.06 l)
- Burn time: +/- 12 hours with clean burning Weems & Plath lamp fuel
- 2 year warranty
Dim: 7” tall x 2 ½” dia (178 x 64 mm)
Wt: 1 lb 10 oz (737 g)

Optional Wall Bracket 951
Wt: 14 oz (397 g)

Accessories:
405 Chrome Gimbal
951 Chrome Wall Bracket for 400 & 900
792 Chimney
770-3 Wick

Chrome Yacht Lamp™ 900
- Crafted of chrome plated, solid cast and tooled brass
- Oil container capacity: 5 oz (0.15 l)
- Burn time: +/- 30 hours with clean burning Weems & Plath lamp fuel
- 2 year warranty
Dim: 10” tall x 3 ½” dia (254 x 89 mm)
Wt: 3 lbs 4 oz (1474 g)

Optional Gimbal 905 (not shown)
Wt: 1 lb 6 oz (624 g)

Accessories:
905 Chrome Gimbal
951 Chrome Wall Bracket for 400 & 900
791 Chimney
770-3 Wick

Chrome Atlantic Lamp w/Smoke Bell 918
- Chrome plated brass
- Includes 4-way gimbal and smoke bell
- Oil container capacity: 6 oz (.18 l)
- Burn time: +/- 21 hours with clean burning Weems & Plath lamp fuel
- 2 year warranty
Dim: 10” tall x 5” (254 x 127 mm) with gimbal
Wt: 2 lbs 5 oz (1049 g)

Accessories:
790 Chimney
770-3 Wick
**Den Haan Lamps**

- Solid brass with a polished and lacquered finish
- To see more DHR information, please visit www.weems-plath.com
- Two year warranty

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**Gimbal Lamp with Smoke Bell** 8917/O
- Weighted base
- Gimbal bracket mount
- Oil container capacity: 12 oz (.35 l)
- Burn time: +/- 24 hours with clean burning Weems & Plath lamp fuel
- Wt: 3.4 lbs (1474 g)

**Accessories:**
- 01135C Chimney
- 00111W Wick

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**Cargo Lamp** 8803/O
- Oil container capacity: 8.5 oz (.25 l)
- Burn time: +/- 25 hours with clean burning Weems & Plath lamp fuel
- Wt: 6 lbs (2722 g)

**Accessories:**
- 10170 Chimney
- 20311 Wick

---

**Wall Lamp** 8807/O
- Oil container capacity: 18.5 oz (.55 l)
- Burn time: +/- 40 hours with clean burning Weems & Plath lamp fuel
- Wt: 1.3 lbs (539 g)

**Accessories:**
- 14210 Chimney
- 14234 Wick

---

**Pantry Lamp** 8877/O
- Mounting bracket features black stove enameled coating
- Oil container capacity: 8.5 oz (.25 l)
- Burn time: +/- 20 hours with clean burning Weems & Plath lamp fuel
- Wt: 1.3 lbs (539 g)

**Accessories:**
- 14170 Chimney
- 14234 Wick

---

**Copper Wall Anchor Lamp** 5613/E
- Oxidized antique copper finish
- Unique amber color individually blown glass lens
- Light Source: 110v electric, 60 watt max. Bulb included
- Wt: 7.9 lbs (3431 g)

---

**Anchor Light** 8611/O
- Oil container capacity: 4.25 oz (.13 l)
- Burn time: +/- 40 hours with clean burning Weems & Plath lamp fuel
- 4" [102 mm] lens
- Wt: 4 lbs (1814 g)

**Accessories:**
- 567 Chimney
- 00005W Wick

---

**Anchor Light** 8604/O (oil) 8604/E (electric)
- Hoistable, provided with guide eyelets
- Available in electric or oil models
- Electric version: 110v, 40W max
- Oil container capacity: 10 oz (.3 l)
- Burn time: +/- 30 hours with clean burning Weems & Plath lamp fuel
- 6" [152 mm] lens
- Wt: 7.2 lbs (3232 g)

**Accessories:**
- 20211 Chimney
- 00005W Wick

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**Anchor Light** 8603/O
- Hoistable, provided with guide eyelets
- Oil container capacity: 10 oz (.3 l)
- Burn time: +/- 30 hours with clean burning Weems & Plath lamp fuel
- Wt: 7.2 lbs (3232 g)

**Accessories:**
- 20211 Chimney
- 00005W Wick

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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 handmade to commercial ship standards.
Mini Trawler Lamp 8211/O
- Inside of shade is white stove enameled
- Oil container capacity: 10 oz (.3 l)
- Burn time: +/- 30 hours with clean burning Weems & Plath lamp fuel
Wt: 3.4 lbs (1474 g)
Accessories:
20211 Chimney
20311 Wick

Trawler Lamp 8201/O (oil)
8201/E (electric)
- Available in oil or electric model
- Inside of shade is white stove enameled
- Electric version 110v, 100w max
- Oil container capacity: 34 oz (1 l)
- Burn time: +/- 30 hours with clean burning Weems & Plath lamp fuel
Wt: 4.8 lbs (2041 g)
Accessories:
20210 Chimney
20312 Wick

Clipper Lamp 8207/O
- Inside of shade is white stove enameled
- Oil container capacity: 29 oz (.86 l)
- Burn time: +/- 40 hours with clean burning Weems & Plath lamp fuel
Wt: 3.1 lbs (1389 g)
Accessories:
15210 Chimney
14234 Wick

Main Cabin Lamp 8209/O
- Inside of shade is white stove enameled
- Oil container capacity: 27.2 oz (.8 l)
- Burn time: +/- 60 hours with clean burning Weems & Plath lamp fuel
Wt: 3.3 lbs (1446 g)
Accessories:
14210 Chimney
14234 Wick

Berth Lamp 8840/O
- Easy to carry and can be placed on a horizontal surface or bulkhead mounted (as shown)
- Oil container capacity: 11 oz (.33 l)
- Burn time: +/- 50 hours with clean burning Weems & Plath lamp fuel
Wt: 3.6 lbs (1531 g)
Accessories:
60130 Chimney
00006W Wick

Side Light, Green 8311G/E
- Available with red or green lens
- Light Source: 110v electric, 40 watt max. Bulb included
Wt: 2.4 lbs (1021 g)

Bi-Color Light 8412/E
- Red and green lens
- Light Source: 110v electric, 40 watt max. Bulb included
Wt: 2.4 lbs (1021 g)

Side Light, Red 8311R/E
- Available with red or green lens
- Light Source: 110v electric, 40 watt max. Bulb included
Wt: 2.4 lbs (1021 g)
E.S. Sørensen Lamps

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.

Passenger Lamp  ES 50 01 01
- 0.24" [6mm] circular burner
- Oil Container Capacity: 4 oz [121]
- Burn Time: +/- 9 hours with clean burning Weems & Plath lamp fuel
- Can be converted from oil to electric with ES-1 conversion kit
Height: 13.39" [340 mm]
Weight: 3 lbs 2 oz [1417 g]
Accessories:
ES 10 00 01 Chimney
00006W Wick
ES-1 Electric Conversion Kit

Ship's Lamp II  ES 50 02 21
- Four-way gimbals
- Extra weighted base
- 0.24" [6mm] circular burner
- Oil Container Capacity: 4 oz [121]
- Burn Time: +/- 9 hours with clean burning Weems & Plath lamp fuel
- Can be converted from oil to electric with ES-1 conversion kit
Height: 13 3/8" [350 mm]
Weight: 3 lbs 2 oz [1417 g]
Accessories:
ES 10 00 01 Chimney
00006W Wick
ES-1 Electric Conversion Kit

Captain's Cabin Lamp
Ship's Globe  ES 50 03 04
- Four-way gimbals
- 5 1/2" [127 mm] handmade acid-frosted globe with ship motif securely fastened with a stainless steel clip-on spring
- 0.24" [6mm] circular burner
- Oil Container Capacity: 4 oz [121]
- Burn Time: +/- 9 hours with clean burning Weems & Plath lamp fuel
- Can be converted from oil to electric with ES-1 conversion kit
Height: 15 3/4" [390 mm]
Weight: 4 lbs 8 oz [2041 g]
Accessories:
ES 10 19 00 Chimney
00006W Wick
ES-1 Electric Conversion Kit

Stainless Steel Old Danish Table Lamp/Vesta  ES 65 07 01
- Danish style turn-of-the-century [1800 to 1900] design
- Stainless steel base with brass appearance
- Polished stainless steel or brushed stainless available on request
- 6" [152 mm] opalescent, hand-blown cased VESTA glass shade
- 0.39" [10mm] circular burner
- Oil Container Capacity: 22 oz [651]
- Burn Time: +/- 34 hours with clean burning Weems & Plath lamp fuel
- Can be converted from oil to electric with ES-2 conversion kit
Height: 12 1/4" [310 mm]
Weight: 5 lbs 8 oz [2495 g]
Accessories:
ES 10 20 00 Chimney
20111 Wick
ES-2 Electric Conversion Kit
E.S. Sørensen
CONTINUED

Adjustable Smoke Bell ES 10 05 00
- Distance from center of bell to wall can be adjusted from 2" to 5 ¾" (51 to 145 mm)
- Bell diameter: 3.46" (88mm)
- Wt: 12 oz (340 g)

Clip-on Brass Smoke Bell
ES 10 06 00 (small)
ES 10 06 01 (large)
- Sm Bell dia: ¾" (44mm)
- Lg Bell dia: 2 ½" (62mm)
- Wt: Sm 3 oz (85 g) | Lg 4 oz (113 g)

E.S. Sørensen Stormglass ES 55 01 01
- Sealed glass chamber holds crystals and liquid encapsulated in a beautifully crafted brass cylinder
- Display freestanding or mounted to a boat bulkhead or wall using a brass hook (hook sold separately)
- Diameter: 1 ¾" (41 mm) | Ht: 5 ¾" (146 mm)
- Wt: 1 lb (454 g)

Accessories:
ES 55 02 01 Brass Hook (shown) sold separately
Stormglass Plate Brass plate engraved with Stormglass details
- 6" (152 mm) square
Stormglass Display Brass plate and hook mounted on wood plaque
- 10" x 8" x 2 ½" (254 x 203 x 64 mm)
Stormglass not included

FORESTI & SUARDI LAMPS
- To see more Foresti & Suardi information, visit www.weems-plath.com
- Two year warranty

Gimbail Electric Lamp 2026
- Modeled after the traditional oil lamps of the same style
- Solid brass & lacquered
- Ample light using a 100w bulb
- Light source: 110v electric, 100 watt max
- Dims: 17 ¾" tall x 6 ¼" deep (441 x 159 mm)
- Wt: 2 lbs 3 oz (992 g)

Accessory:
2026-C Chimney

Round Brass Bulkhead Light 2408
- Frosted glass lens with brass enclosure
- Can also be overhead mounted
- Light source: 110v electric, 60 watt max
- Dims: 5 ¾" w x 7 ½" l x 4 ¾" dia (141 x 194 x 111 mm)
- Wt: 5 lbs 12 oz (2608 g)

NEW

Oval Brass Bulkhead Light 2035B
- Robust & suitable for use in outdoor locations
- Frosted glass lens protected by a brass framework
- Can also be overhead mounted
- O-ring sealed for use in wet locations
- Light source: 110v electric, 60 watt max
- Dims: 5 ¾" w x 7 ½" l x 4 ¾" dia (141 x 194 x 111 mm)
- Wt: 5 lbs 12 oz (2608 g)

Spinnaker Lamp 3135
- Polished and lacquered stainless steel winch base wrapped with navy blue rope
- Hand-blown glass shade
- Light source: 110v electric
- Available in brass (not shown)
- UPC#: 721002910301
- Dims: 23" x 12" (580 x 300 mm)
- Wt: 11 lbs 70 oz (5.31 kg)
**LIGHTING PARTS & ACCESSORIES**

**LAMP WICKS**

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**CHIMNEYS**

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Disposable Fuel Cell (single) HD17
Disposable Fuel Cell (6-pack) HD17-6
- Not considered a hazardous material by most shipping agents
- For use with #818 Companion Lamp (see page 43)

Dims: 1 1/4"h x 2"diameter
Wt: 5 oz
(0.2 liters)

Damp Fuel 780
- Exclusive blend of highly refined liquid waxes formulated to standards far above other lamp oils
- Odorless and smokeless when used as directed
- Eliminates sooty build-up commonly associated with kerosene fuel
- Very safe, with a flash point over 200°F (93.3°C)
- Not considered hazardous by most shipping agents

Wt: Quart, 1 lb 11 oz
(0.946 liters)

Sure Shine 633
Sure Shine case (12 pack) 633c
- Specially formulated as a one-step polishing application
- Does not contain harsh acids, caustics, or abrasives
- Safe to use on brass, bronze, copper, stainless steel, aluminum, pewter, nickel, and sterling silver or silver plate
- Cleans and deoxidizes fiberglass
- Removes cloudiness from plexiglass, clear vinyl, eisenglass, or lexan

7 oz (175 grams)
CUSTOMIZING FOR CORPORATE & PERSONAL GIFTS

Take advantage of our wide range of in-house customization services. We engrave or print your special message or logo on our products or on items you bring to us. To discuss your specific requirements please contact us at 1-800-638-0428, or email sales@weems-plath.com.
CHART WEIGHTS™

- Forged brass ring
- Felt bottom protects surface and prevents sliding
- Velvet-lined black presentation box
- Custom engraving available

Quartz Clock™

- 610500 (brass)

Liquid Filled Compass™

- 661N (nickel)
- 661 (brass)

Magnifier™

- 412M (brass)

Diameter 3” (76 mm)
Wt.: .75 lbs (340 g)

Please inquire about our in-house engraving and customization services
This mysterious weather predictor has been in use since 1750. Vice 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 electromagnetic changes caused by weather and sun storms affect the crystal formations. The appearance of the crystals inside the glass indicates changes in the weather.

**Weems Brass Stormglass Set**
(Shown above)

**Weems Chrome Stormglass Set**

- The Weems Stormglass is mounted on a wood plaque adjacent to a black & brass or silver-plated legend that describes the five most common formations.

Size: 10" x 8" x 2 ½" (254 x 203 x 64 mm)

Wt: 0.6 lb

**Mariner’s Stormglass**

- Contemporary 21st Century look for Victorian Technology
- Predicts the weather 24-48 hours in advance
- Crystals precipitate in different formations based on impending weather
- Includes engraved card with Vice-Admiral FitzRoy’s interpretation of crystal formations

Size: 4 ¾” tall x 1 ½” diameter

Wt: 0.6 lb

The Weems Stormglass is a beautiful and unique gift for the home, boat or office.
**Brass & Nickel Decorative Bells**

**Decorative Bells:**
- Cast brass or nickel plated brass
- All bells include bulkhead or wall mount bracket
- Monkey fist lanyard included
  (white for brass bells, navy blue for nickel bells)
- See page 26 for RINA certified bells

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<tr>
<td>4040</td>
<td>4” (102 mm) Brass Bell</td>
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<tr>
<td>4040N</td>
<td>4” (102 mm) Nickel Bell</td>
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<tr>
<td>5050</td>
<td>5” (127 mm) Brass Bell</td>
</tr>
<tr>
<td>5050N</td>
<td>5” (127 mm) Nickel Bell</td>
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**Accessories:**
- Wall Mount Bracket (brass & chrome)
- Lanyards available in blue & white
  (in 3 sizes) (shortest size shown above)

Great award idea!

Bell Plaque 6060/EN4006
- 6” bell, removable
- Engraveable brass plate & lanyard included
- Highly polished piano finish wood plaque
- Please inquire about additional size options

Dims: Plaque 9” x 12” (229 x 305 mm)
Wt: 4 lbs. 4.5 oz (1956 g)