

# Lighted/Sound Steel Ocean Buoys

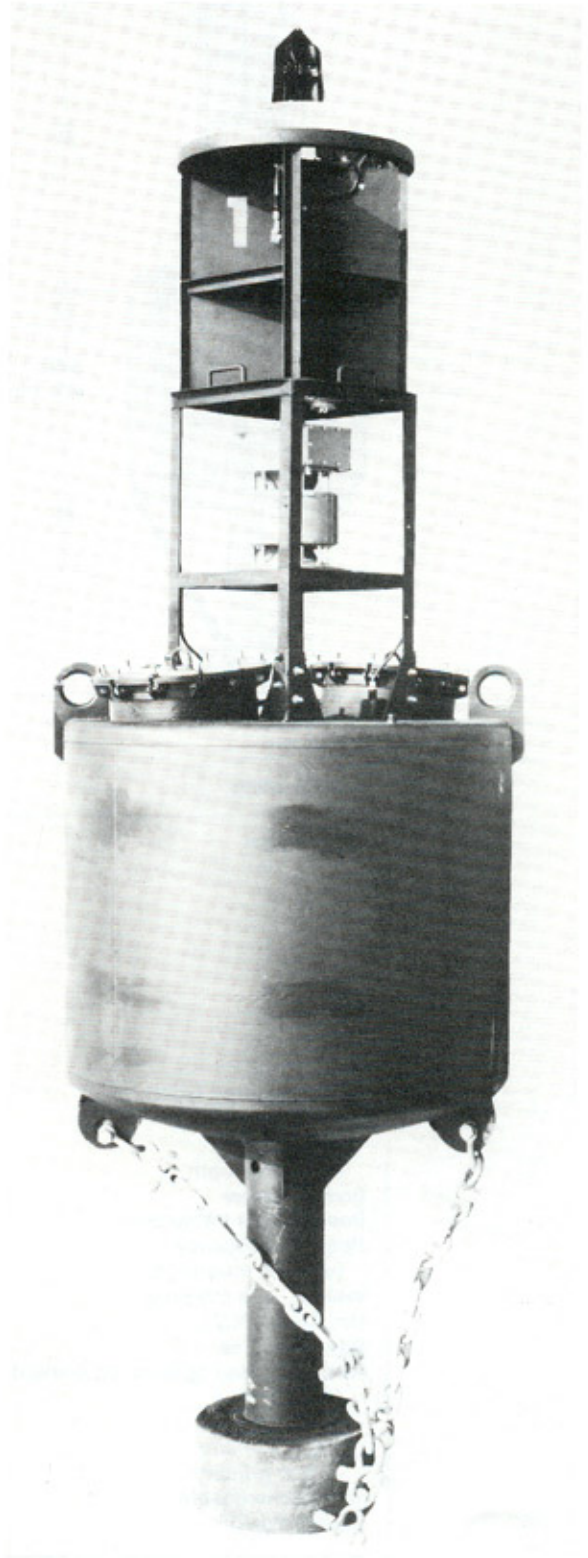
The BL-826, BL-620 and BL-717 buoys are excellent rugged markers for underwater obstructions and navigation channels. They can easily be equipped with sound signal apparatus.

The buoy bodies are made of steel plate. Eyes for the bridle moorings are welded to the buoy bodies. When properly moored, the buoys will withstand hurricane force winds and seas.

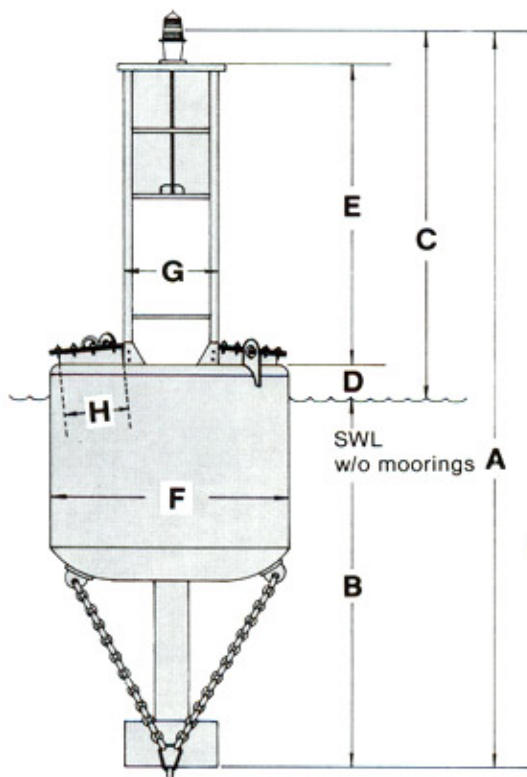
The daymark is constructed of mutually perpendicular planes so that it also can act as an efficient radar reflector. Shape can be as shown, or nun (conical) to fit various systems of buoyage.

These steel buoys, with a normal 6 year maintenance cycle of blasting and painting have an expected 20 to 25 year life.

Solar powered versions are available.



**Automatic Power Inc**



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The buoy bodies are made of  $\frac{1}{4}$  inch and  $\frac{5}{16}$  inch steel plate. Eyes for the bridle moorings are welded to the buoy bodies. When properly moored, the buoys will withstand hurricane force winds and seas.

**Note:** Standard buoy does not include lantern, batteries or mooring. (Bridle is included)

Steel buoys standard finish: sand-blast outside after fabrication, Dimet-cote Coating; one intermediate coat, and one vinyl color coat.

#### Specifications

#### BL-620

#### BL-826

Dimensions	BL-620	BL-826
A	19'7"	26'0"
B	9'2"	10'11"
C	10'5"	15'1"
D	2'0"	2'6"
E	7'6"	11'8"
F	6'0"	8'0"
G	2'4"	3'6"
H	1'10"	2'0"
Bridle (size)	1 $\frac{1}{8}$ "	1 $\frac{1}{2}$ "
Recommended Moorings		
Sinker, concrete	5,000 lbs.	7,000 lbs.
Chain size	1 $\frac{1}{8}$ "	1 $\frac{1}{4}$ "
Chain length	2 — 4 times water depth	2 — 4 times water depth
Body Material	$\frac{1}{4}$ " steel	$\frac{3}{16}$ " steel
Pounds/Inch Immersion	150 lbs./in.	270 lbs./in.
Reserve Buoyancy (without moorings)	3,600 lbs.	8,100 lbs.
Weight, less mooring	6,000 lbs.	13,150 lbs.
Day Mark height	7'9"	11'7"
Day Mark area	8 ft. <sup>2</sup>	19 ft. <sup>2</sup>
Recommended optional equipment		
Lantern	FA-249	FA-249
Batteries		
Dry primary	12v, 2,400 ah	12v, 4,800 ah
Wet primary	12v, 6,000 ah	12v, 6,000 ah
Rechargeable	12v, 1,000 ah	12v, 2,000 ah
Sound Signal	SA-850/1A	SA-850/1A



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