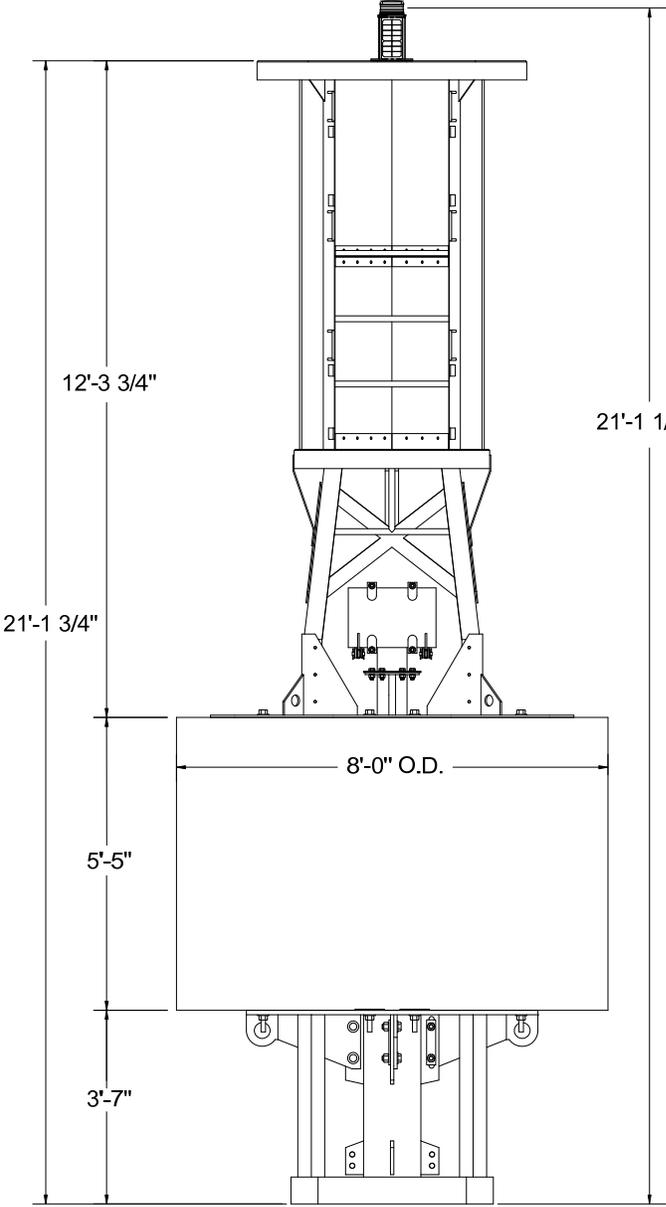


8X22LFR. The 8X22LFR is designed and constructed for exposed locations. It is designed for use as a lighted buoy. The buoy hull is constructed of concentrically-wrapped sheets of ionomer foam with a “densified” outer surface for abrasion resistance. This buoy is not suitable where ice is present.

a. Standard Buoy Arrangement. 2007 8X22LFR.



Physical Characteristics. (no moorings)

| | |
|---------------------------|-----------------|
| Buoy Weight | 7,000 lbs. |
| Buoy Draft | 5 ft. 10 in. |
| Focal Height of Light | 15 ft 3-1/2 in. |
| Freeboard | 3 ft 2 in. |
| Minimum Freeboard | 1 ft 3 in. |
| Pounds per inch Immersion | 264 |

Related Equipment.

| | |
|-------------------|-----------------|
| Mooring Bridle | 1-1/4" x 15 ft. |
| Sinker (concrete) | 8,500 lbs. |

Operational Characteristics. (nominal)

| | |
|----------------------|--------|
| Daymark Visual Range | 3.4 nm |
| Radar Range | 3.9 nm |
| Mooring Depth (min.) | 18 ft. |

Maximum Mooring Depth.

| Chain Size | Max Mooring Depth |
|------------|-------------------|
| 1-1/2" | 175 ft. |
| 1-1/4" | 257 ft |

Reference Documents. (use latest rev.)
 G-SEC Drawing No. 121185
 G-SEC Specification No. 450