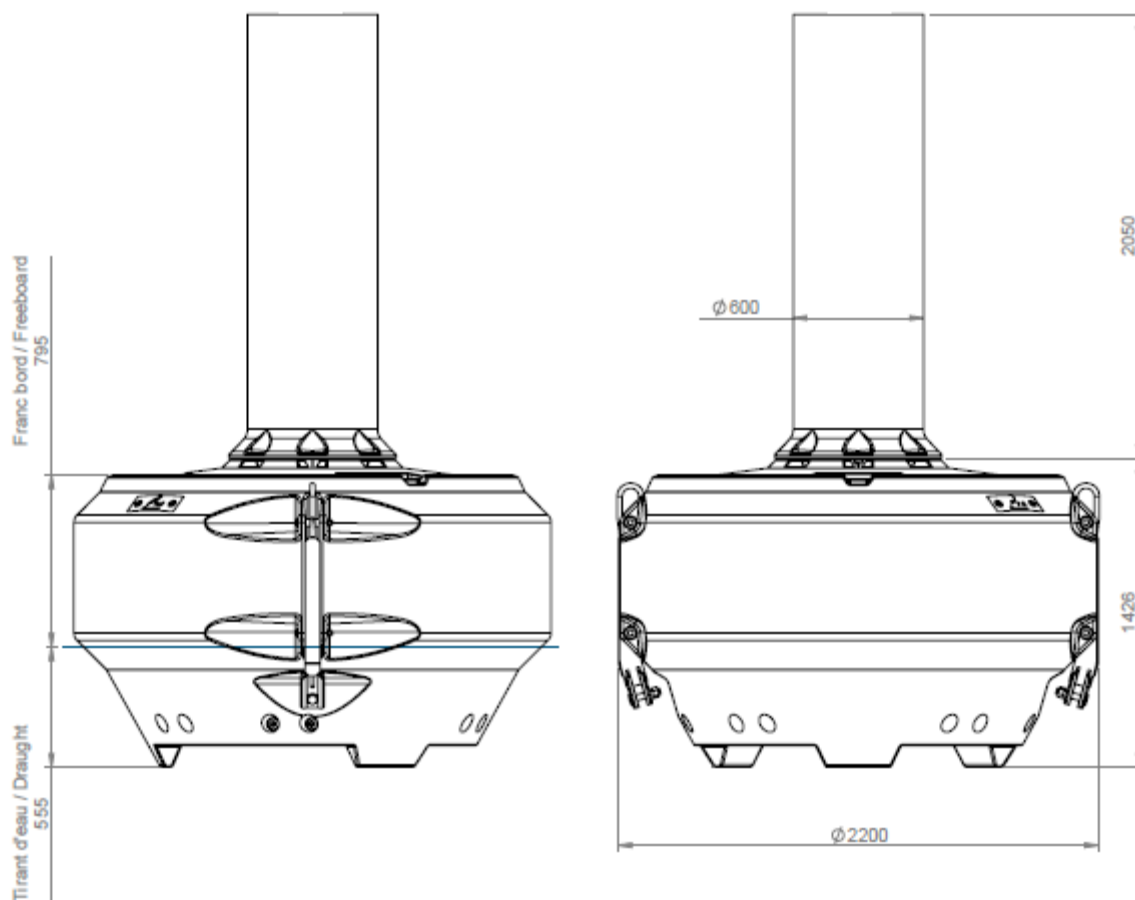


## FLC2200 Marine Buoy

Documentation Technique / Technical Documentation





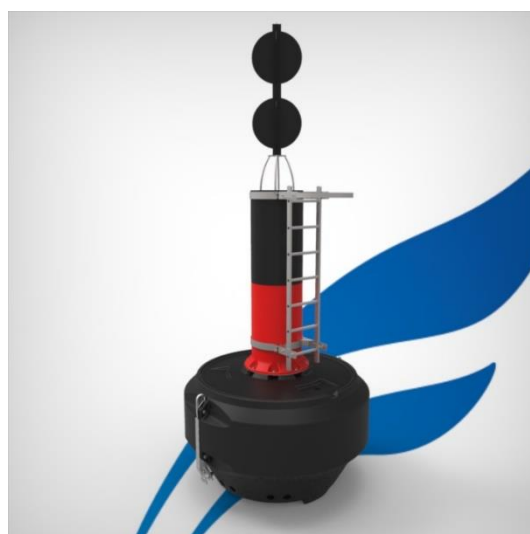
| Technical data       |                                                                                          |
|----------------------|------------------------------------------------------------------------------------------|
| Diameter             | 2200 mm                                                                                  |
| Height (no topmark)  | 3480 mm                                                                                  |
| Volume               | 3335 l                                                                                   |
| Draught              | 560 mm                                                                                   |
| Freeboard            | 790 mm                                                                                   |
| Mast                 | 2054 mm                                                                                  |
| Weight with ballasts | 720 kg                                                                                   |
| Submergence          | 33 kg/cm                                                                                 |
| Visible area         | From 3,4 m <sup>2</sup> to 4.3 m <sup>2</sup> (with high visibility daymark)             |
| Focal plane          | From 2941 mm + marine lantern.<br>3115 mm with Carmanah M850, 3220 mm with Carmanah M860 |

| Materials                             |                                                                                                                                  |
|---------------------------------------|----------------------------------------------------------------------------------------------------------------------------------|
| Structure, Lifting and Mooring Points | S235 galvanized steel (SS316 option available)                                                                                   |
| Float and mast:                       | UV-stabilized (grade 16) Polyethylene medium density. Rotational moulding                                                        |
| Foam                                  | Polyurethane 30 kg/m <sup>3</sup>                                                                                                |
| Colors                                | Pigments matching IALA specifications directly integrated into the polyethylene during rotational moulding for no painting ever. |
| Ballasts                              | Cast Iron. Removable                                                                                                             |
| Topmark                               | Powder coated aluminium                                                                                                          |
| Radar Reflector                       | Aluminium 5083/5086 marine grade                                                                                                 |
| Eco friendly                          | Recyclable polyethylene. Heavy metal free. No ecological damages                                                                 |

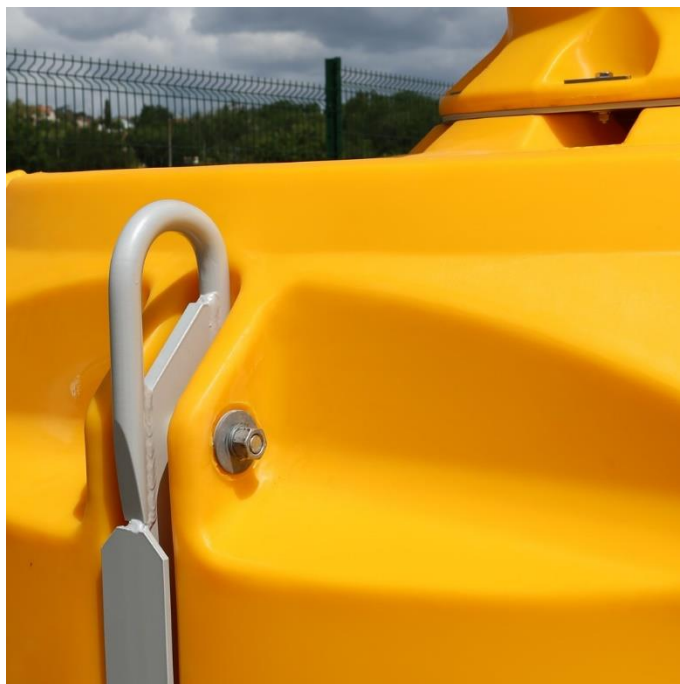
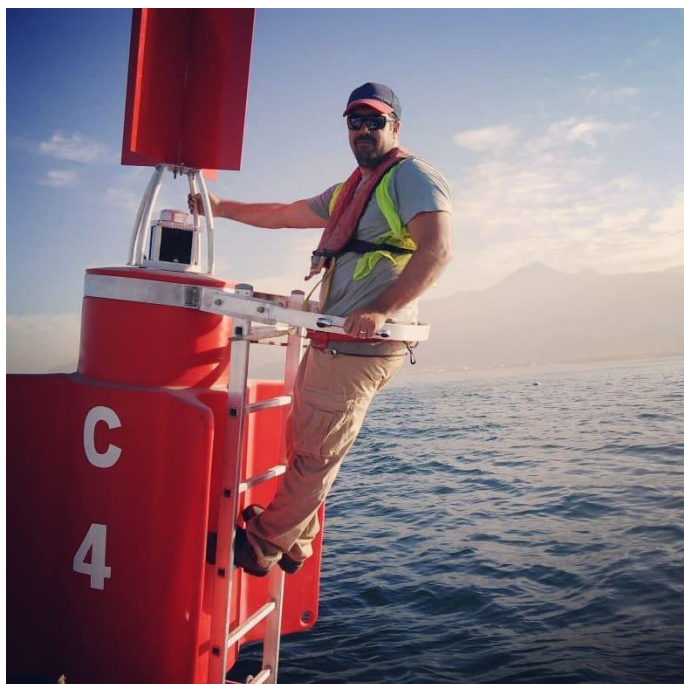
## DETAILED SPECIFICATIONS

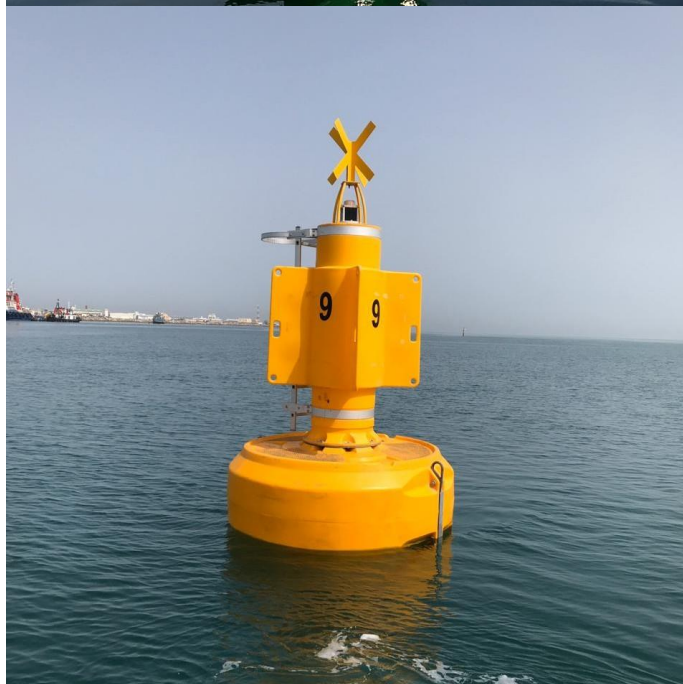
| Materials                                    |                                                   | Quantity | Dimensions (mm)                | Weight (kg) |
|----------------------------------------------|---------------------------------------------------|----------|--------------------------------|-------------|
| Ballast                                      | Cast Iron                                         | 6        | 400x220x105                    | 50          |
| Internal Structure                           | Galvanized Steel S235J2G3                         | 1        | (760x76) & (430x175)           | 30,81       |
| Lifting & Mooring Points                     | Galvanized Steel S235J2G3                         | 2        | 1041 x 167 x 108               | 15,88       |
| Float                                        | Medium Density Virgin Polyethylene<br>UV Grade 16 | 1        | Ø2200x1420 / thickness 12      | 195         |
| Float Foaming                                | Polyurethane 30Kg/m <sup>3</sup>                  | 1        | -                              | 121,47      |
| Mast / Daymark                               | Medium Density Virgin Polyethylene<br>UV Grade 16 | 1        | Ø770x2050xØ600 thickness<br>12 | 50          |
| High Visibility Daymark                      | Medium Density Virgin Polyethylene<br>UV Grade 16 | Option   | 1500x1900                      | 27,67       |
| Topmark and Marine Lantern<br>Mounting Plate | High density polyethylene                         | 1        | Ø600x20                        | 5,18        |
| Screws, Bolts                                | Stainless Steel                                   | 1        | -                              | 11,28       |
| Topmark Starboard                            | Aluminum marine grade 5083/5086<br>Powder Coated  | option   | 550x654                        | 2,5         |
| Topmark Porthand                             | Aluminum marine grade 5083/5086<br>Powder Coated  | option   | 550x690                        | 3           |
| Topmark Cardinal                             | Aluminum marine grade 5083/5086<br>Powder Coated  | option   | 550x1304                       | 5           |
| Topmark Isolated Danger                      | Aluminum marine grade 5083/5086<br>Powder Coated  | option   | 550x1398                       | 5           |
| Topmark Saint Andrew Cross                   | Aluminum marine grade 5083/5086<br>Powder Coated  | option   | 550x550                        | 3           |
| Topmark Support / Lantern<br>Guard           | Aluminum marine grade 5083/5086                   | option   | 300x300x500                    | 2,3         |

### QUELQUES EXEMPLES AVEC OPTIONS / FEW EXEMPLES WITH OPTIONS



|            |     |
|------------|-----|
| Ref.       | DC1 |
| 2024/07/18 |     |





Toutes les configurations possibles sur le site  
All available configurations on website

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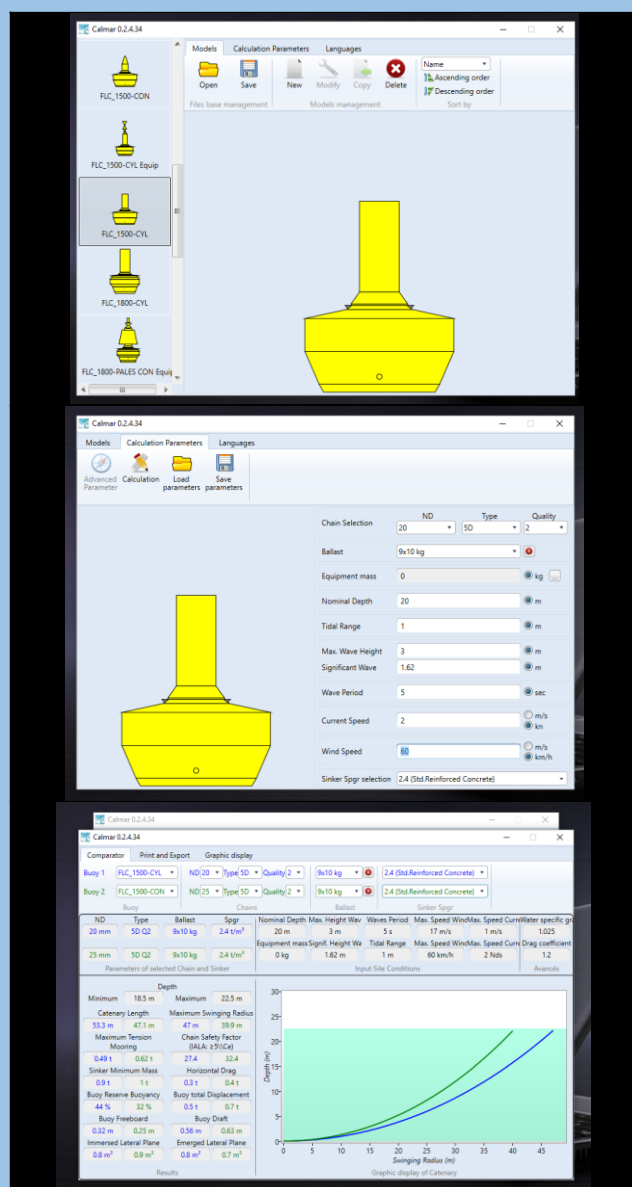
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