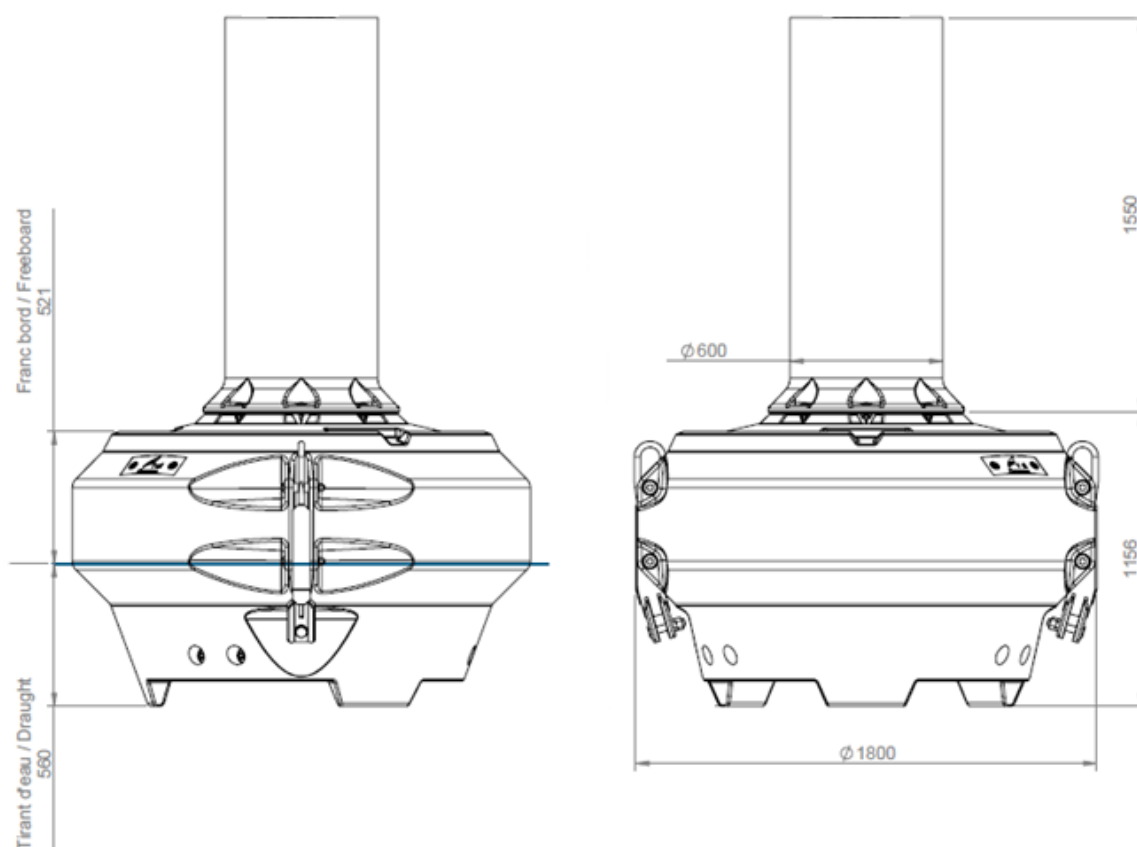


## FLC1800 buoy

Documentation Technique / Technical Documentation





| Technical data       |  |
|----------------------|--|
| Diameter             | 1800 mm  |
| Height (no topmark)  | 2710 mm  |
| Volume               | 1544 l   |
| Draught              | 560 mm   |
| Freeboard            | 521 mm   |
| Mast                 | 1554 mm  |
| Weight with ballasts | 432 kg   |
| Submergence          | 21 kg/cm   |
| Visible area         | From 2,9 m <sup>2</sup> to 3.3 m <sup>2</sup> (with high visibility daymark) |
| Focal plane          | 2355 mm with Carmanah M850, 2460 mm with Carmanah M860                       |

| Materials                             |  |
|---------------------------------------|--|
| Structure, Lifting and Mooring Points | S235 galvanized steel (SS316 option available)   |
| Float and mast:                       | UV-stabilized Polyethylene high density. Rotational moulding   |
| Foam                                  | Polyurethane 40 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   |

| Matières / Materials   |   | Quantité / Quantity | Dimensions (mm)      | Masse / Weight (kg) |
|--|---|---------------------|----------------------|---------------------|
| Lest / Ballast   | Fonte grise / Cast iron   | 3                   | 400x220x105          | 50                  |
| Fixation Mât / Mast + Base   | Acier S235J2G3 galvanisée / galvanized steel S235J2G3                 | 1                   | (760x76) & (430x175) | 30,81               |
| Cadène / Chainplate  | Acier S355J2G3 galvanisée / galvanized steel S355J2G3                 | 2                   | 791 x 166 x 108      | 12,13               |
| Flotteur / Float   | Polyéthylène haute densité / High density polyethylene                | 1                   | Ø1800x1150 ep 12     | 130,35              |
| Mousse / Foam  | Polyuréthane 40Kg/m³ / Polyurethane 40Kg/m³                           | 1                   | -                    | 53,85               |
| Mât / Mast   | Polyéthylène haute densité / High density polyethylene                | 1                   | Ø770x1550xØ600 ep9   | 32                  |
| Marque de jour Haute visibilité / High visibility Daymark                        | Polyéthylène haute densité / High density polyethylene                | Option              | 1500x1400            | 24,09               |
| Plaque de fixation de feu et topmark / Topmark and marine lantern mounting plate | Polyéthylène haute densité / High density polyethylene                | 1                   | Ø600x20              | 5,18                |
| Visserie / Screws, bolts   | -   | 1                   | -                    | 9,03                |
| Voyant / Topmark Starboard   | Powder coated Aluminium   | option              | 550x654              | 2,5                 |
| Voyant / Topmark Porthand  | Powder coated Aluminium   | option              | 550x690              | 3                   |
| Voyant / Topmark Cardinal  | Powder coated Aluminium   | option              | 550x1304             | 5                   |
| Voyant / Topmark Isolated danger   | Powder coated Aluminium   | option              | 550x1398             | 5                   |
| Voyant / Topmark Saint Andrew Cross  | Powder coated Aluminium   | option              | 550x550              | 3                   |
| Support de voyant / Topmark support  | Aluminium 5083/5086 qualité marine / Aluminium marine grade 5083/5086 | option              | 300x300x500          | 2,3                 |



**SOME CONFIGURATIONS**



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

[www.fulloceans.com](http://www.fulloceans.com)

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Manufacturing and warehouse facilities: Zone Industrielle Jean Malèze 25, rue Lavoisier F-47240 Bon-Encontre - France

**SOME PICTURES**



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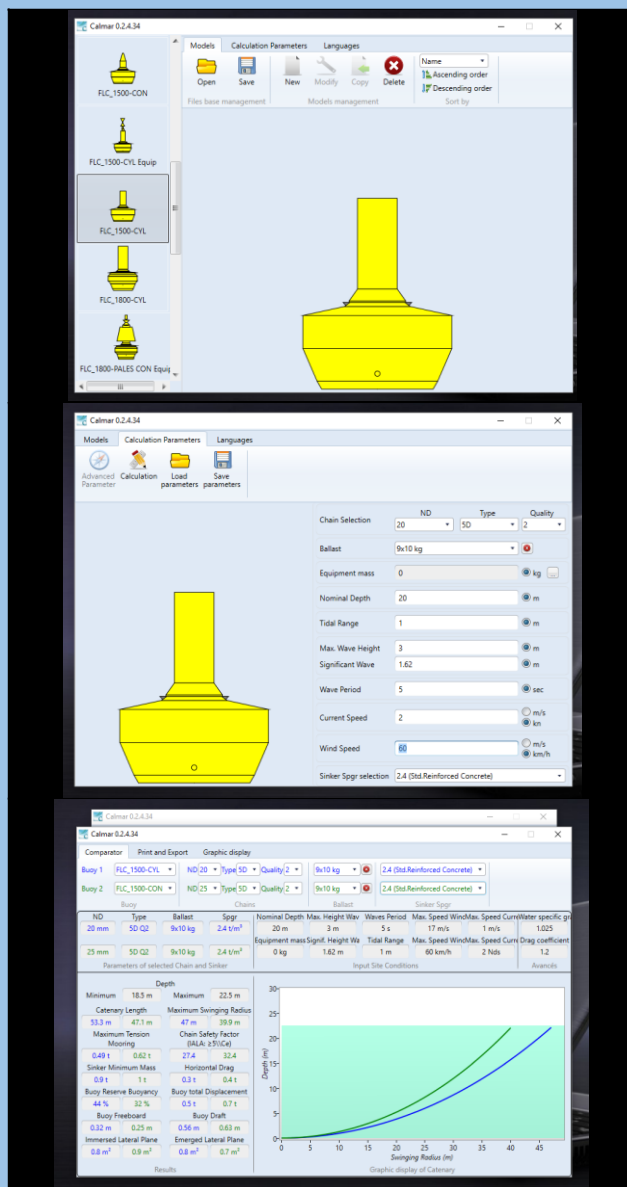


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