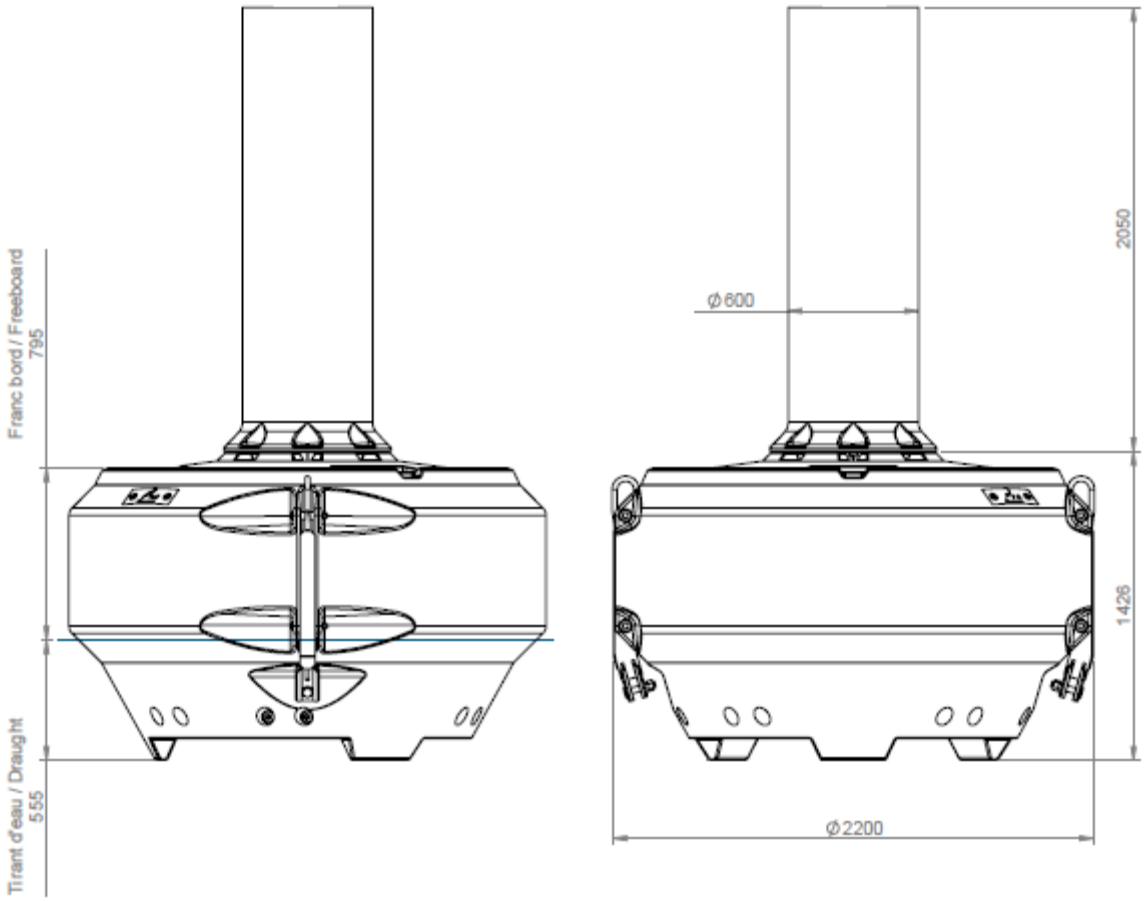
Ref.	DC1
2023/02/24	

FLC2200 buoy

Documentation Technique / Technical Documentation

www.fulloceans.com
info@fulloceans.com | Telephone: +33 (0)413 682 288
Head office: 171 bis, chemin de la Madrague Ville F-13002 Marseille - France

Ref.	DC1
2023/02/24	



Technical data	
Diameter	2200 mm
Height (no topmark)	3480 mm
Volume	3335 l l
Draught	560 mm
Freeboard	790 mm
Mast	2054 mm
Weight with ballasts	720 kg
Submergence	33 kg/cm
Visible area	From 3,4 m² to 4.3 m² (with high visibility daymark)
Focal plane	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 Polyethylene high density. Rotational moulding
Foam	Polyurethane 40 kg/m³
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	6	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	1041x167x108	15,88
Flotteur / Float	Polyéthylène haute densité / High density polyethylene	1	Ø2200x1420 thickness 12	195,42
Mousse / Foam	Polyuréthane 40Kg/m³ / Polyurethane 40Kg/m³	1	-	121,47
Mât / Mast	Polyéthylène haute densité / High density polyethylene	1	Ø770x2050xØ600 thickness 9	40
Marque de jour Haute visibilité / High visibility Daymark	Polyéthylène haute densité / High density polyethylene	Option	1500x1900	27,67
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	-	11,28
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

QUELQUES EXEMPLES AVEC OPTIONS / FEW EXEMPLES WITH OPTIONS

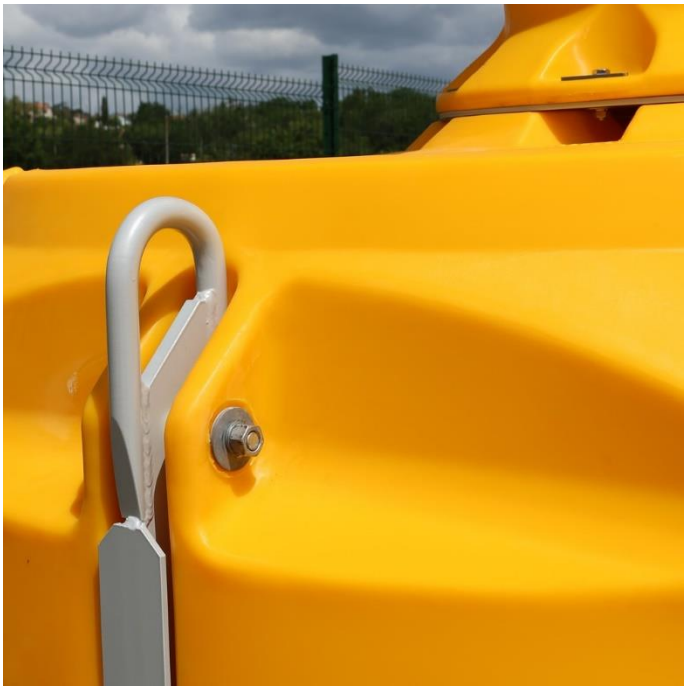
Toutes les configurations possibles sur le site
All available configurations on website

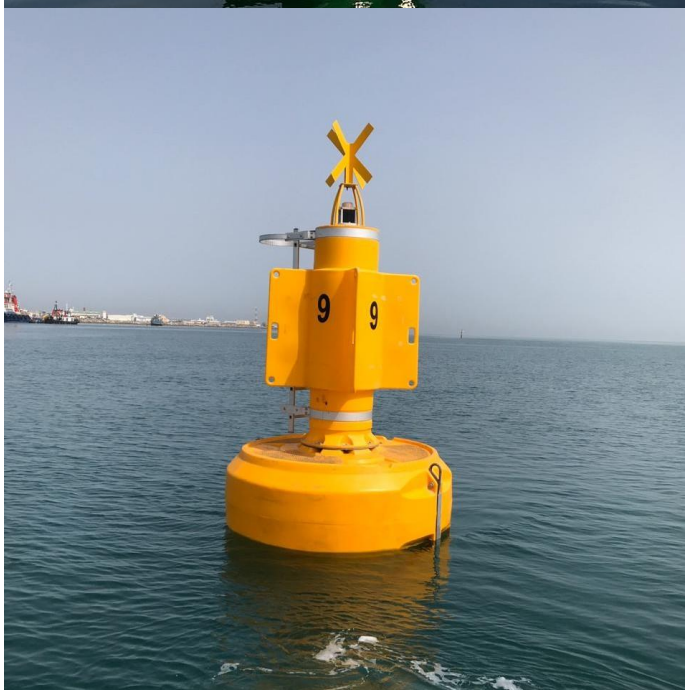
www.fulloceans.com

info@fulloceans.com | Telephone: +33 (0)413 682 288
Head office: 171 bis, chemin de la Madrague Ville F-13002 Marseille - France


C
4


C
2





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

www.fulloceans.com

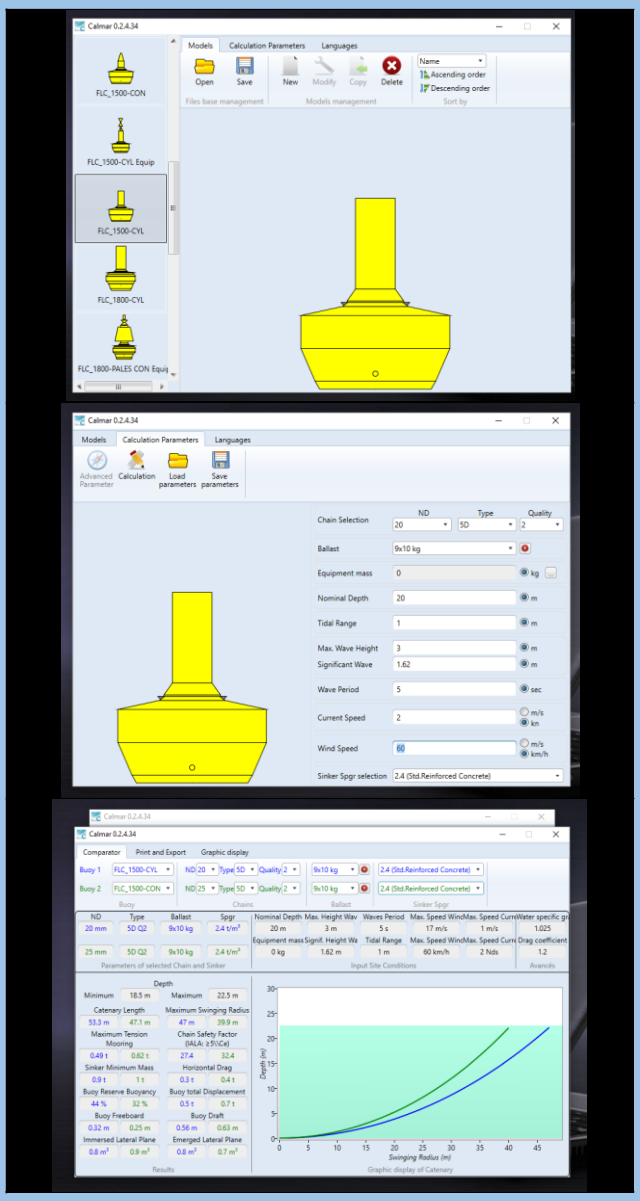
info@fulloceans.com | Telephone: +33 (0)413 682 288
Head office: 171 bis, chemin de la Madrague Ville F-13002 Marseille - France

CALCULATE YOUR MOORING SOLUTIONS WITH CALMAR

FullOceans recommends CALMAR the best software for the calculation of your mooring lines. CALMAR is fully adapted to FullOceans buoys, and permits to define the best mooring options according to sea conditions.

CALMAR is easy to use and available in 6 languages.

IALA had endorsed CALMAR as the leading mooring line calculation software.



Choose your FullOceans model

- FLC1200
- FLC1500
- FLC1800
- FLC2200

Enter the sea conditions

- Depth
- Tidal range
- Max wave height
- Max wind
- Wave period
- Current speed
- Wind speed

Get mooring length and much more

- Mooring line length
- Tension
- Sinker mass
- Buoyancy reserve
- Freeboard
- Swinging radius

- Compare chain models
- And much more

Free Download of CALMAR on www.fulloceans.com

info@fulloceans.com | Telephone: +33 (0)413 682 288
Head office: 171 bis, chemin de la Madrague Ville F-13002 Marseille - France