Ref.	DC12
16/09/24	

FLC1200 Marine Buoy

Technical Documentation

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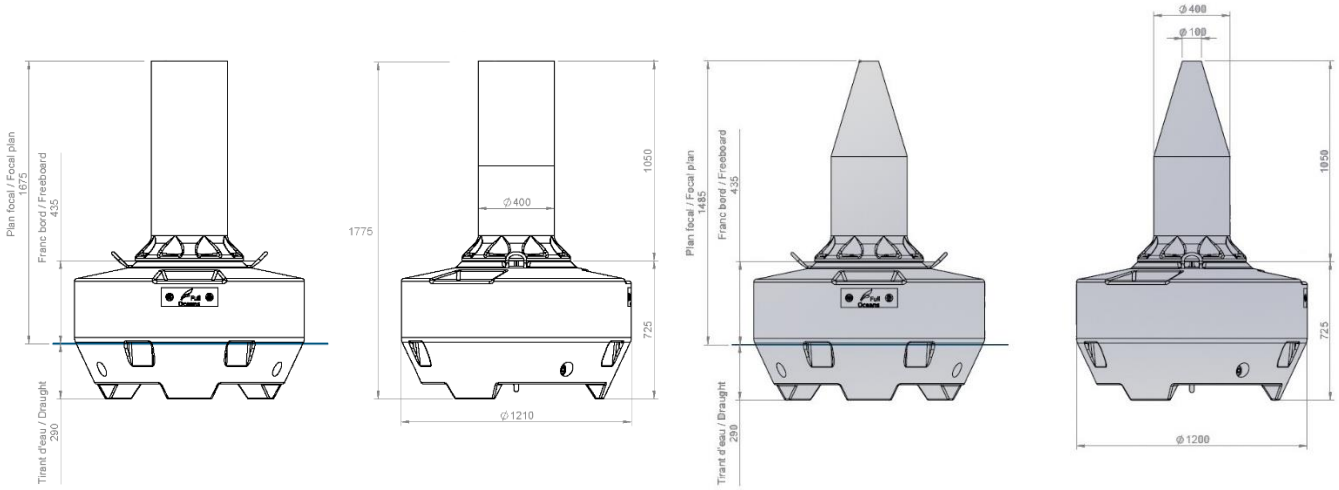
Head office: 171 bis, chemin de la Madrague Ville F-13002 Marseille - France

Ref.	DC12
16/09/24	



Technical data	
Diameter	1200 mm
Height (no topmark)	1775 mm
Volume	570 l
Draught	290 mm
Freeboard	435 mm
Mast	1050 mm
Weight WWith Ballasts	125 kg
Submergence	11 kg/cm
Visible Area	From 1.1 m² (according to topmark configuration)
Focal Plane	From 1485 mm (1675 mm with Sabik M550, 1780 mm with Sabik M650H)

Materials	
Structure, Lifting and Mooring Points	S235 galvanized steel (SS316 option available)
Float and Mast:	UV-stabilized grade 16 Polyethylene high density. Rotational moulding
Foaming	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	Rotomolded Polyethylene, PVC and nylon, Aluminum *
Radar Reflector	Aluminium 5083/5086 marine grade
Eco Friendly	Recyclable polyethylene. Heavy metal free. No ecological damages

** According to various configurations*

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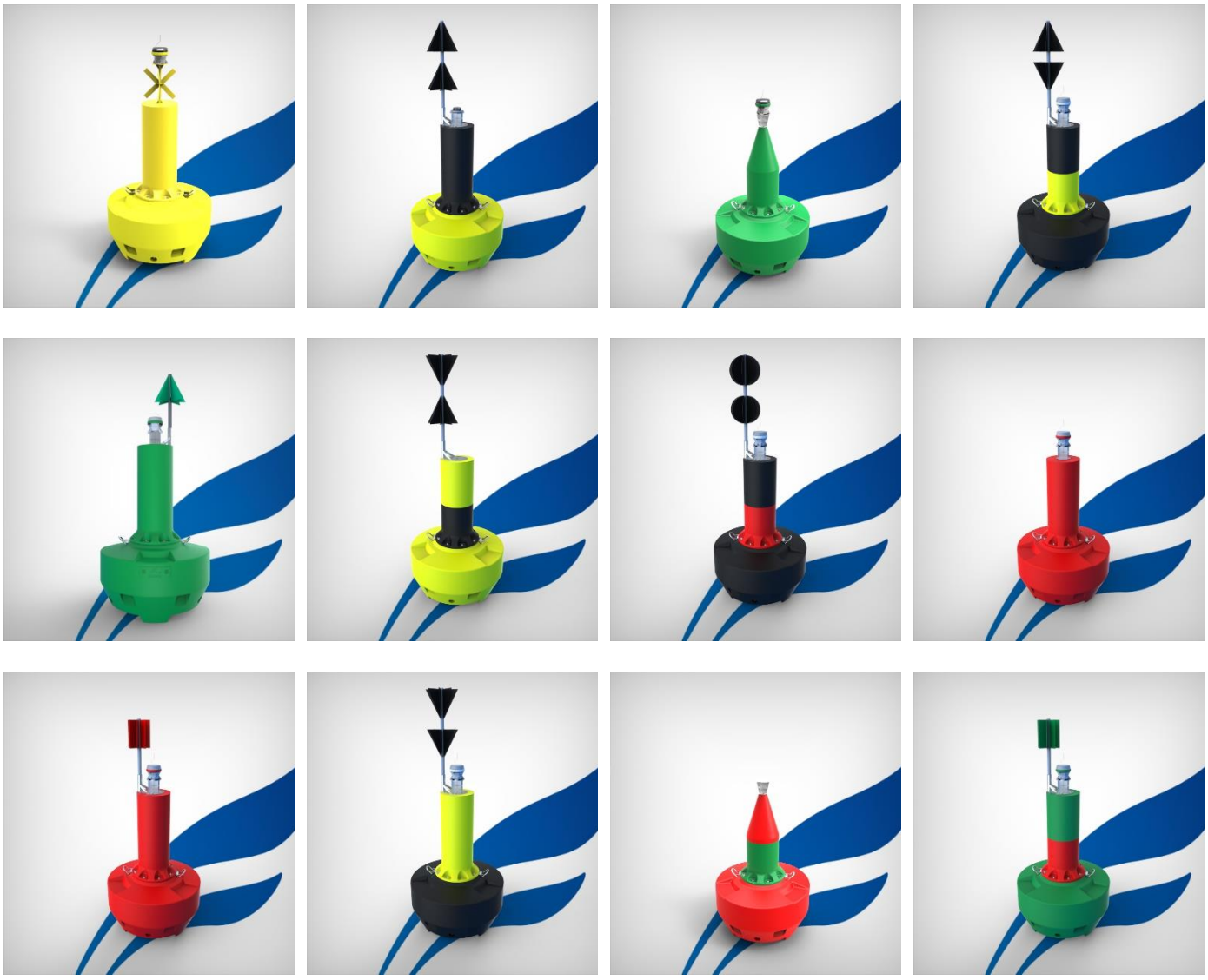
DETAILED SPECIFICATIONS FOR FLC1200 BUOY

Materials		Quantity	Dimensions (mm)	Weight (kg)
Lest / Ballast	Cast Iron	3	181,3x143,4x113,3	14,71
Structure	Galvanized Steel S235J2G3	1	819,9x620,7x110	10,47
Float	Medium Density Virgin Polyethylene UV Grade 16	1	Ø1210x725 ep 8	34,96
Float Foaming	Polyurethane 40 kg/m³	1	-	20,46
Mast - Daymark	Medium Density Virgin Polyethylene UV Grade 16	1	Ø570x1050xØ400 ep4	7,84
Topmark	Rotomolded Polyethylene: Lateral, Cardinal Rigid PVC & nylon: Isolated Dander, Safe Water	option	250x810xØ40 350x1120x Ø40	2,74 4
Topmark Support	Aluminium marine grade 5083/5086	option	320x250x204	1,01
Radar Reflector Marine lantern Support	Aluminium marine grade 5083/5086	option	Ø170x150	0,84
Screws, Bolts	Stainless Steel	1	-	2,53

Materials for FLC1200 Special Mark Buoy		Quantity	Dimensions (mm)	Weight (kg)
Lest / Ballast	Cast Iron	3	181,3x143,4x113,3	14,71
Structure	Galvanized Steel S235J2G3	1	819,9x620,7x110	10,47
Float	Medium Density Virgin Polyethylene UV Grade 16	1	Ø1210x725 ep 8	34,96
Float Foaming	Polyurethane 40 kg/m³	1	-	20,46
Mast - Daymark	Medium Density Virgin Polyethylene UV Grade 16	1	Ø570x1050xØ400 ep4	7,84
Topmark St Andrew Cross	Aluminium marine grade 5083/5086 Powder Coated	option	328x24x345	2,5
Radar Reflector	Aluminium marine grade 5083/5086	option	Ø170x150	0,84
Screws, Bolts	Stainless Steel	1	-	2,53

SOME FREQUENT CONFIGURATIONS



All available configurations on website **www.fulloceans.com**

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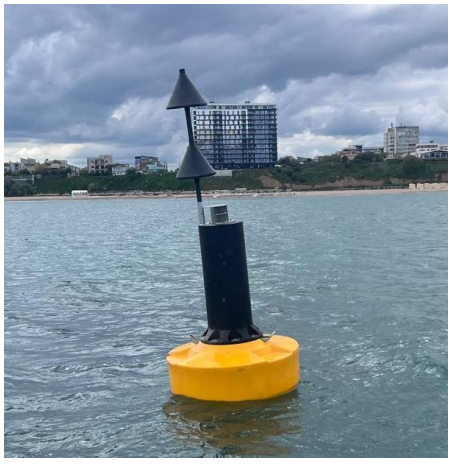
PHOTOS










More recent pictures on our social media and on our website

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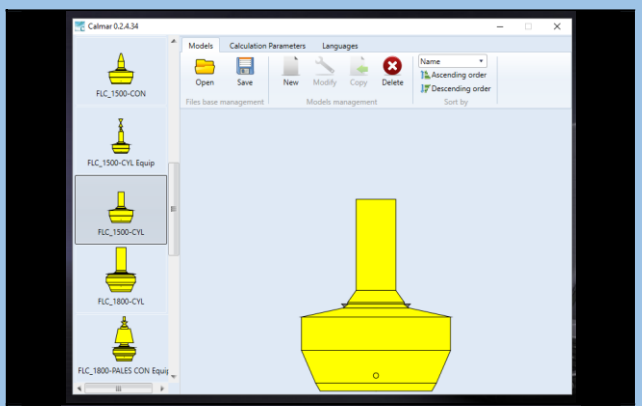
FullOceans recommends CALMAR the best software for the calculation of your mooring lines. CALMAR is fully adapted to FullOceans buoys, and permits to define the best mooring options according to sea conditions.

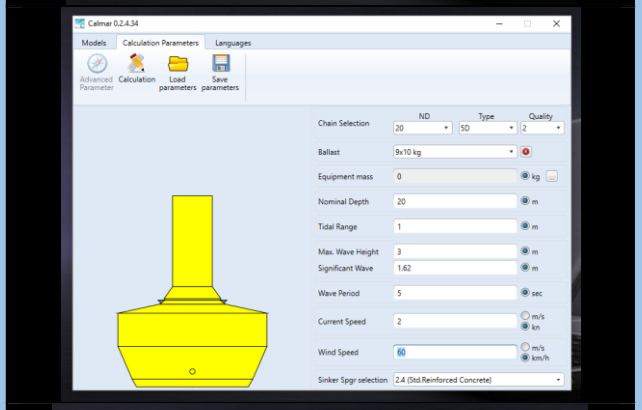
CALMAR is easy to use and available in 6 languages.

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



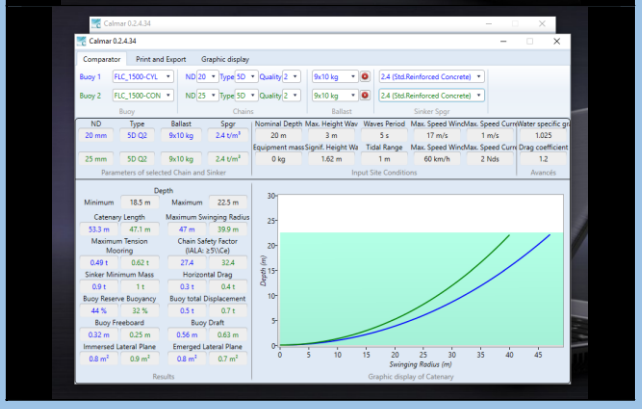
Choose your FullOceans model

- FLC1200
- FLC1500
- FLC1800
- FLC2200



Enter the sea conditions

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



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