



MOBILIS



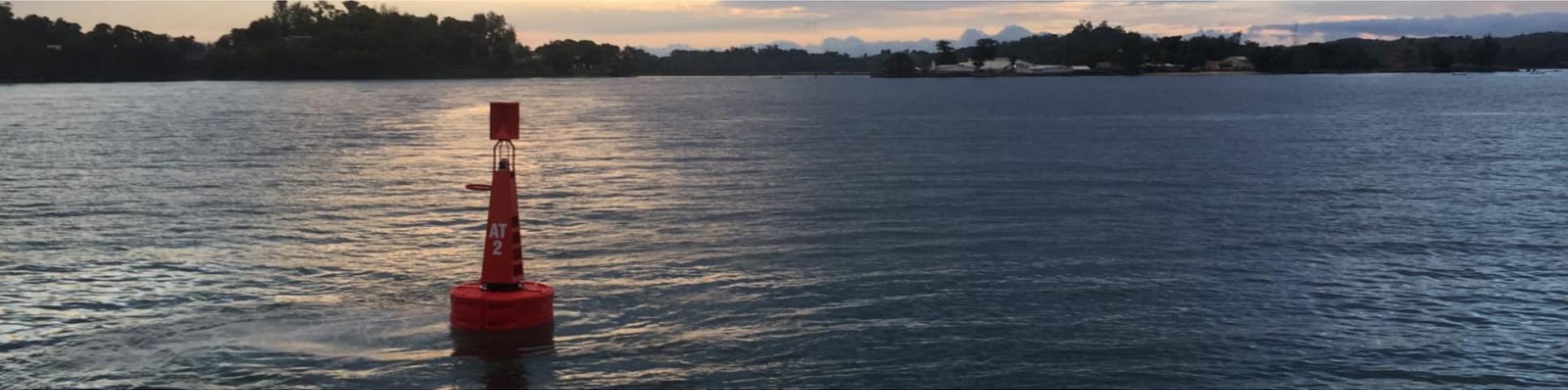
FLOATING BEACONING
-
ACHIEVEMENTS SINCE 1996

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MOBILIS



Since 1990, Mobilis has designed and produced modular buoys of uncompromising quality for solutions adapted to your needs.

Developed from the very beginning, the range of buoys for floating beaconing has made Mobilis famous, which thus offers tested and reliable equipment whatever the conditions.

These complete solutions are personalized and adapted as needed to meet all technical, operational and regulatory requirements.

Standard, hybrid, monobloc, rotomolded or mechanically welded buoys, each equipment offers a long life while maintaining excellent performance in all environments.



Analyse site conditions



High-quality materials



Modular and adaptable solutions



Simplified and reduced maintenance



Ergonomic conception



Calculation of mooring lines



Unique performance in all environments



Design and manufacture in France



MOBILIS

JET 14000



DIAMETER 3600 mm
FOCAL PLANE 4000 mm
BUOYANCY 14 000 liters
WEIGHT 3 t
VISIBLE SURFACE 9 m²



COUNTRY	South Korean
APPLICATION	Beacon and data acquisition buoy





MOBILIS

JET 9000



DIAMETER 3000 mm
FOCAL PLANE 6000 mm
BUOYANCY 9000 liters
WEIGHT 2,4 t
VISIBLE SURFACE 10 m²



COUNTRY	France
APPLICATION	Cardinal buoy designed to face very powerful currents



5 neuds de courant





MOBILIS

JET 9000



DIAMETER 3000 mm
FOCAL PLANE 6000 mm
BUOYANCY 9000 liters
WEIGHT 2,4 t
VISIBLE SURFACE 10 m²



COUNTRY	Peru
APPLICATION	Anti-intrusion landing buoy





MOBILIS

JET 9000



DIAMETER 3000 mm
FOCAL PLANE 6000 mm
BUOYANCY 9000 liters
WEIGHT 2,4 t
VISIBLE SURFACE 10 m²



COUNTRY	Mauritania
APPLICATION	Modernization of the port of Nouadhibou





MOBILIS

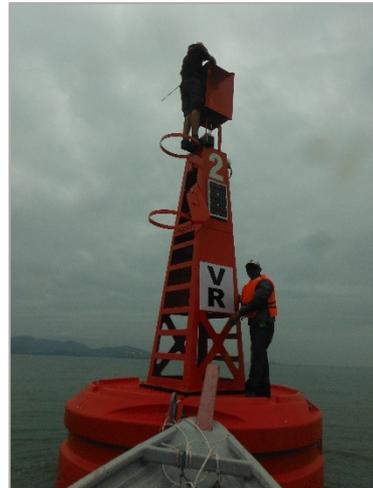
JET 8000



DIAMETER 3000 mm
FOCAL PLANE 4000 mm
BUOYANCY 8000 liters
WEIGHT 1,5 t
VISIBLE SURFACE 5,5 m²



COUNTRY	Malaysia
APPLICATION	Optimization of the access channel with the acquisition of new beacon buoys





MOBILIS

JET 7000



DIAMETER 2600 mm
FOCAL PLANE 4000 mm
BUOYANCY 7000 liters
WEIGHT 2 t
VISIBLE SURFACE 7,5 m²



COUNTRY	Japan
APPLICATION	Replacement of a steel buoy by a buoy with polyethylene floats





MOBILIS

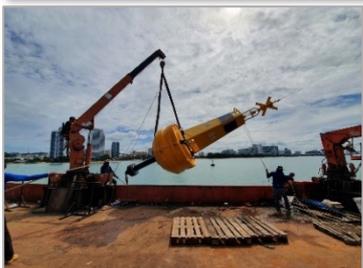
JET 7000



DIAMETER 2600 mm
FOCAL PLANE 4000 mm
BUOYANCY 7000 liters
WEIGHT 2 t
VISIBLE SURFACE 7,5 m²



COUNTRY	Thailand
APPLICATION	Marking of a channel with AIS supervision





MOBILIS

JET 5000



DIAMETER 2400 mm
FOCAL PLANE 4000 mm
BUOYANCY 5000 liters
WEIGHT 2 t
VISIBLE SURFACE 6,5 m²



COUNTRY	Togo
APPLICATION	Redesign of the marking of the Port of Lome with buoys equipped with anti-intrusion masts and AIS transponder





MOBILIS

JET 5000



DIAMETER 2400 mm
FOCAL PLANE 4000 mm
BUOYANCY 5000 liters
WEIGHT 2 t
VISIBLE SURFACE 6,5 m²



COUNTRY	Morocco
APPLICATION	Safety markings around the OCP facilities





MOBILIS

JET 5000



DIAMETER 2400 mm
FOCAL PLANE 4000 mm
BUOYANCY 5000 liters
WEIGHT 1,8 t
VISIBLE SURFACE 4,5 m²



COUNTRY	Benin
APPLICATION	Modernization of channel markings





MOBILIS

JET 5000



DIAMETER 2400 mm
FOCAL PLANE 3000 mm
BUOYANCY 5000 liters
WEIGHT 1,8 t
VISIBLE SURFACE 3,5 m²



COUNTRY	Djibouti
APPLICATION	Marking of the access channel to Doraleh and Tadjourah





MOBILIS

JET 5000



DIAMETER 2400 mm
FOCAL PLANE 4000 mm
BUOYANCY 5000 liters
WEIGHT 1,8 t
VISIBLE SURFACE 4 m²



COUNTRY	Cyprus
APPLICATION	Marking of the access channel to Limassol and Vassiliko





MOBILIS

JET 5000



DIAMETER 2400 mm
FOCAL PLANE 4000 mm
BUOYANCY 5000 liters
WEIGHT 1,8 t
VISIBLE SURFACE 4 m²



COUNTRY	Madagascar
APPLICATION	Marking of the Port of Majunga





MOBILIS

JET 4000



DIAMETER 2600 mm
FOCAL PLANE 3000 mm
BUOYANCY 4000 liters
WEIGHT 0,9 t
VISIBLE SURFACE 4,3 m²



COUNTRY	Vietnam
APPLICATION	Marking of several waterways, rivers and bays, including Mekong River, Red River, Da Rang River, Saigon River





MOBILIS

LB 3000



DIAMETER 3000 mm
FOCAL PLANE 4000 mm
BUOYANCY 3000 liters
WEIGHT 2,5 t
VISIBLE SURFACE 6,5 m²



Rijkswaterstaat
Ministerie van Infrastructuur en Milieu

COUNTRY	Netherlands
APPLICATION	Marking of the Port of Rotterdam





MOBILIS

LB 2600



DIAMETER 2600 mm
FOCAL PLANE 4000 mm
BUOYANCY 7000 liters
WEIGHT 1,9 t
VISIBLE SURFACE 5,8 m²



COUNTRY	Poland
APPLICATION	Total redesign of markup





MOBILIS

JET 2500



DIAMETER 1800 mm
FOCAL PLANE 3000 mm
BUOYANCY 2500 liters
WEIGHT 0,8 t
VISIBLE SURFACE 2,5 m²



COUNTRY	Cyprus
APPLICATION	Marking of the access channel to Limassol and Vassiliko





MOBILIS

JET 2500



DIAMETER 1800 mm
FOCAL PLANE 3000 mm
BUOYANCY 2500 liters
WEIGHT 0,8 t
VISIBLE SURFACE 2,5 m²



COUNTRY	Madagascar
APPLICATION	Marking Mahajunga Port with AIS transponders





MOBILIS

JET 2500



DIAMETER 1800 mm
FOCAL PLANE 3000 mm
BUOYANCY 2500 liters
WEIGHT 0,8 t
VISIBLE SURFACE 2,5 m²



COUNTRY	Morocco
APPLICATION	Marking of the access channel to the Port of Safi





MOBILIS

JET 2500



DIAMETER 1800 mm
FOCAL PLANE 3000 mm
BUOYANCY 2500 liters
WEIGHT 0,8 t
VISIBLE SURFACE 2,5 m²



COUNTRY	Croatia
APPLICATION	Coastal marking





MOBILIS

JET 2500



DIAMETER 1800 mm
FOCAL PLANE 3000 mm
BUOYANCY 2500 liters
WEIGHT 0,95 t
VISIBLE SURFACE 3 m²



COUNTRY	Peru
APPLICATION	Marking of an isolated danger





MOBILIS

JET 2500



DIAMETER 1800 mm
FOCAL PLANE 3000 mm
BUOYANCY 2500 liters
WEIGHT 0,8 t
VISIBLE SURFACE 2,5 m²



COUNTRY	France
APPLICATION	Redevelopment of the Port of La Turballe





MOBILIS

JET 2000



DIAMETER 1900 mm
FOCAL PLANE 2500 mm
BUOYANCY 2000 liters
WEIGHT 0,6 t
VISIBLE SURFACE 2 m²



COUNTRY	Senegal
APPLICATION	Marking of the mouth of the Casamance river





MOBILIS

FB 1500



DIAMETER 1500 mm
FOCAL PLANE 2000 mm
BUOYANCY 1500 liters
WEIGHT 0,5 t
VISIBLE SURFACE 1,4 m²



COUNTRY	Myanmar
APPLICATION	Marking a river in Mandalay





MOBILIS

T 1200



DIAMETER 1200 mm
FOCAL PLANE 1400 mm
BUOYANCY 1200 liters
WEIGHT 0,14 t
VISIBLE SURFACE 1 m²



دائرة النقل
 DEPARTMENT OF TRANSPORT

COUNTRY	United Arab Emirates
APPLICATION	Leisure zone markings





MOBILIS

T 1200



DIAMETER 1200 mm
FOCAL PLANE 1400 mm
BUOYANCY 1200 liters
WEIGHT 0,14 t
VISIBLE SURFACE 1 m²



COUNTRY	New Zealand
APPLICATION	Markup of a channel





MOBILIS

TRACKLESS



DIAMETER 1300 mm
FOCAL PLANE XXXXXX liters
BUOYANCY 0,1 t
WEIGHT 0,7 m²



Bo Hermanson, Lda
Prestação de Serviços

COUNTRY	Portugal
APPLICATION	Marking of the Duro river





MOBILIS

MODULE 1200



DIAMETER 450 mm
FOCAL PLANE 1100 mm
BUOYANCY 1200 liters
WEIGHT 0,08 t
VISIBLE SURFACE 0,6 m²



Trinity House

COUNTRY	United Kingdom
APPLICATION	Marking of a watercourse with Espar buoys





MOBILIS

MODULE 1200



DIAMETER 1200 mm
FOCAL PLANE 1500 mm
BUOYANCY 1200 liters
WEIGHT 0,09 t
VISIBLE SURFACE 0,8 m²



COUNTRY	Croatia
APPLICATION	Marking of the new Port of Trogir





MOBILIS

SP 1200



DIAMETER 1200 mm
FOCAL PLANE 2700 mm
BUOYANCY 1200 liters
WEIGHT 0,95 t
VISIBLE SURFACE 2,5 m²



COUNTRY	Netherlands
APPLICATION	Complete redesign of the markup with waterproof SP 1200s designed to resist blocks of ice





MOBILIS

ES 900



DIAMETER 900 mm
FOCAL PLANE 3000 mm
BUOYANCY 1400 liters
WEIGHT 0,8 t
VISIBLE SURFACE 2,2 m²



COUNTRY	Benin
APPLICATION	Marking of the Port basin





MOBILIS

SP 900



- DIAMETER** 900 mm
- FOCAL PLANE** 2000 mm
- BUOYANCY** 900 liters
- WEIGHT** 0,7 t
- VISIBLE SURFACE** 1,4 m²



WSV.de

Wasserstraßen- und
Schiffahrtsverwaltung
des Bundes

COUNTRY	Germany
APPLICATION	Marking for the needs of maritime authorities





MOBILIS

ES 630

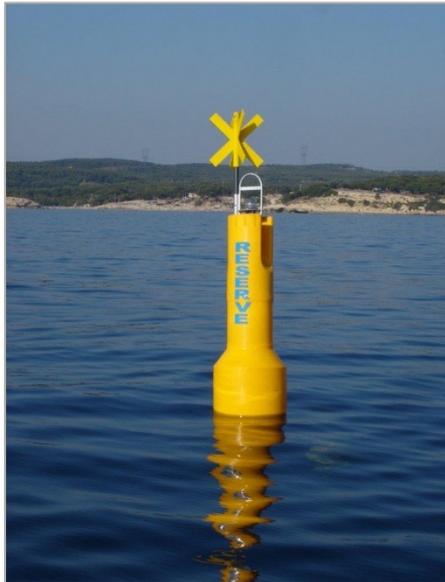


DIAMETER 6300 mm
FOCAL PLANE 2000 mm
BUOYANCY 630 liters
WEIGHT 0,2 t
VISIBLE SURFACE 1 m²



Via **Marseille Fos**

COUNTRY	France
APPLICATION	Marking of a Marine Protected Area





MOBILIS

ES 450



DIAMETER 450 mm
FOCAL PLANE 1100 mm
BUOYANCY 450 liters
WEIGHT 0,08 t
VISIBLE SURFACE 0,6 m²



COUNTRY	Laos
APPLICATION	Marking of a watercourse with Espar buoys





MOBILIS

BFI 3000



DIAMETER 1500 mm
FOCAL PLANE 5000 mm
BUOYANCY 3000 liters
WEIGHT 1,3 t
VISIBLE SURFACE 5 m²



COUNTRY	France
APPLICATION	Supply of « BFI » for the needs of the Ministry of the Environment and Sustainable Development





MOBILIS

BFI 2500



DIAMETER 1800 mm
FOCAL PLANE 6000 mm
BUOYANCY 2500 liters
WEIGHT 1,5 t
VISIBLE SURFACE 3,4 m²



COUNTRY	Israël
APPLICATION	« BFI » for the Port of Haifa





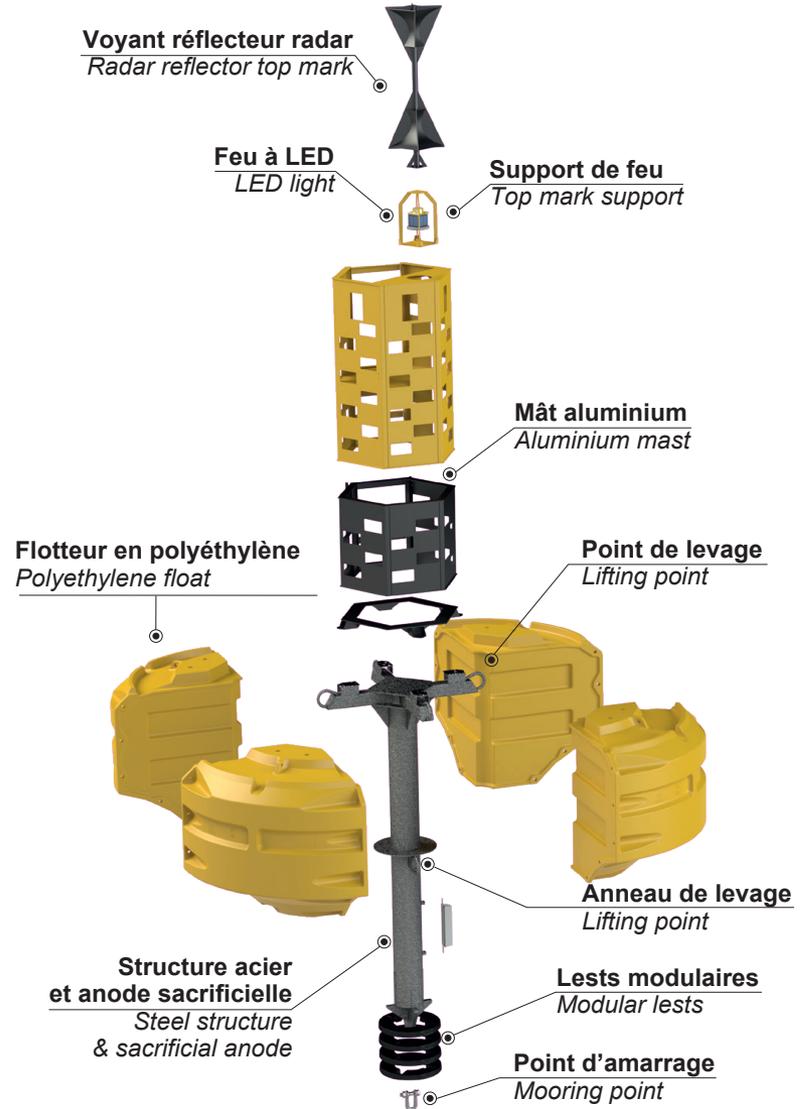
MOBILIS & MODULARITY

MOBILIS CUSTOMIZES ITS PROJECTS WITH AN INDUSTRIAL SOLUTION

Modularity allows solutions to be adapted to all market demands;

Since 1990, Mobilis has designed standard platforms to be customized without limits, or almost: each element is optimized and assembled to obtain the appropriate markup in response to the specifications.

Opposite, the illustration of Mobilis modularity on a JET buoy: the light or day mark, the light and light support, the mast, the float and the structure can be customized according to the need and the environment.



JET 9000 : Bouée à nacelle PF4



MOBILIS

LOGICIEL CALMAR



CATENARY MOORING LINE CALMAR : TO ADVANCE MARITIME SAFETY

Developed by MOBILIS naval architects and engineering department, the CALMAR software makes it possible to simply create or import buoy models, and to calculate the catenary mooring line adapted according to the site conditions provided.

This multilingual tool takes into account some additional drag parameters compared to the IALA recommendations and other existing utilities.

The user can also compare two different buoy models for the same site conditions and assess their individual performance.



CALMAR a été approuvé et validé par l'IALA/AISM pour devenir la référence internationale.

IALA / AISM has, since 2016, approved and validated CALMAR as the international reference, making it available free of charge on the MOBILIS website and on this link: <https://academy.iala-aism.org/technical/aton-software/calmar-mooring-line-calculation-software/>





SUB-SURFACE FLOAT FOR ECOLOGICAL MOORINGS

MOBILIS preserves protected areas and Posidonia through its ecological mooring systems : in fact, by choosing its anchoring systems and mooring lines with sub-surface float, MOBILIS participates in the preservation of underwater ecosystems.





MOBILIS

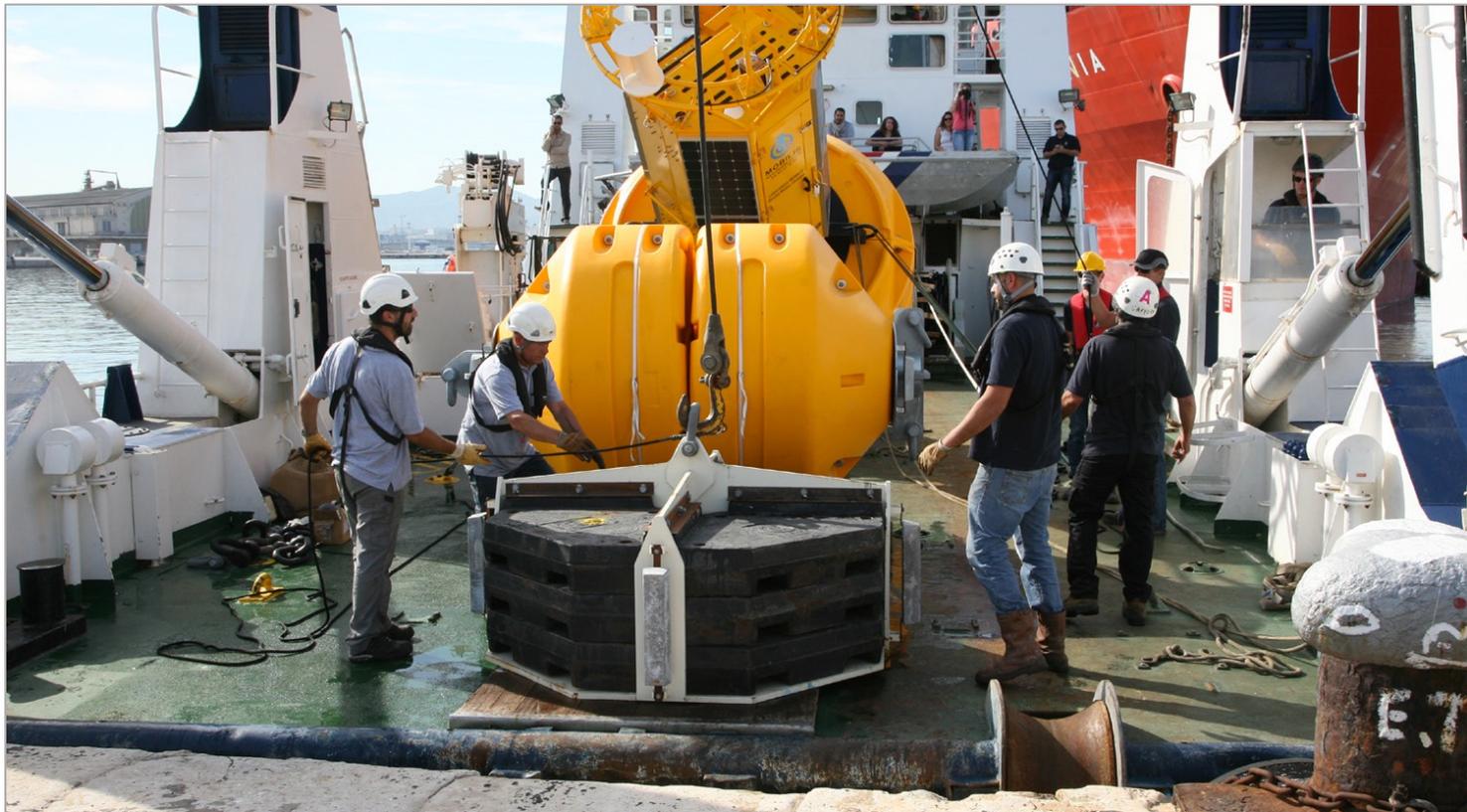
ANCHORS



After analyzes of the nature of the seabed and site conditions, Mobilis is a driving force behind the choice of anchors, chain gauges and mooring masses.

Common cases or exceptional sites, Mobilis will choose the most appropriate mooring device.

An example in the photo below for a 12 ton modular moored buoy. Unlimited innovation.





MOBILIS DATA CONNECTION SYSTEM

Mobilis offers software and graphical representations to meet customer specifications.

Engineering capabilities:

The Mobilis team discusses your needs with you using many years of experience, in order to offer a tailor-made solution to meet your requirements.

Complete client confidentiality will be maintained at all times.

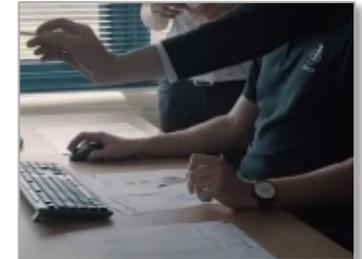
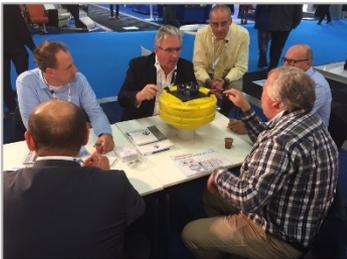
Strengths :

In-house engineering with electrical and mechanical design software.

Design and manufacture are carried out in accordance with the ISO-9001 quality system.

Communication in 5 languages :

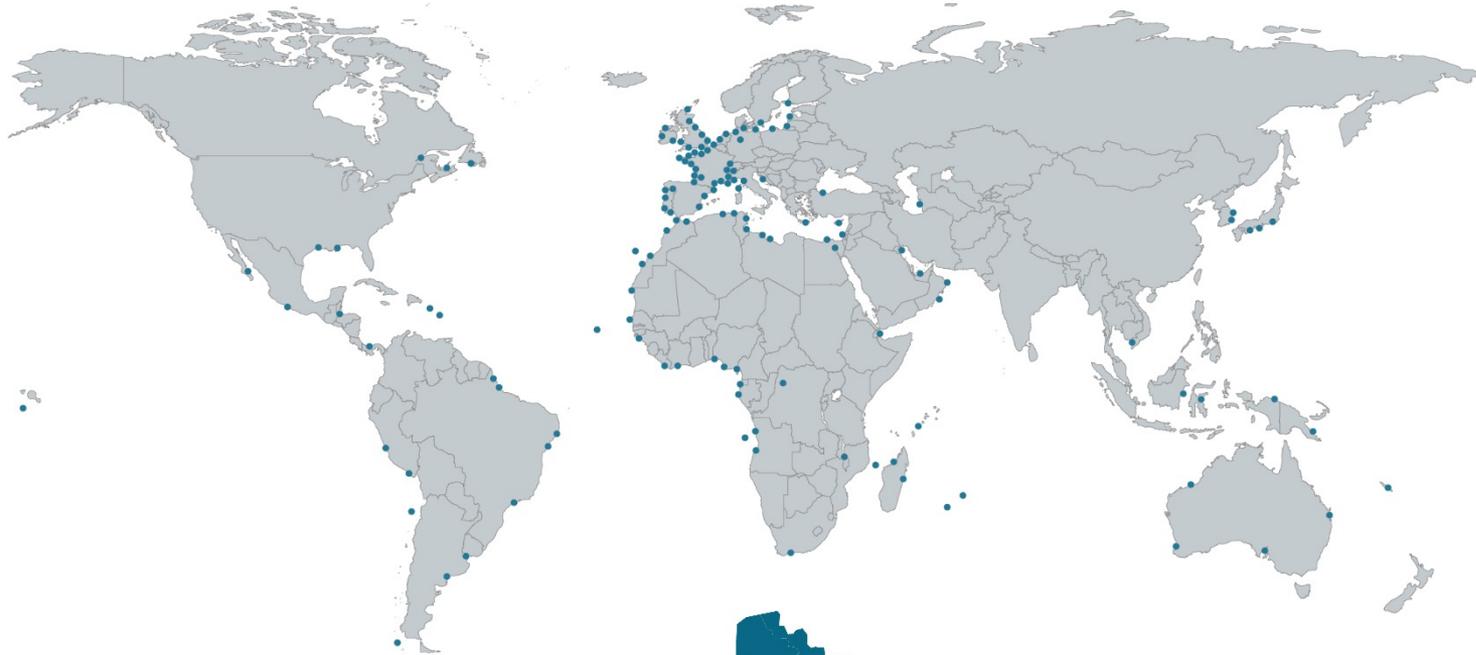
French, English, Dutch, Spanish, Arabic.





MOBILIS

www.mobilis-sa.com



AGEN

- Production factories
- Logistic department
- Quality, control, tests

AIX-EN-PROVENCE

- Sales department
- Engineering department
- Administrative department

