RESINEX

SINCE 1961 MARINE TECHNOLOGY

Syntactic foam for ultra-deep water projects

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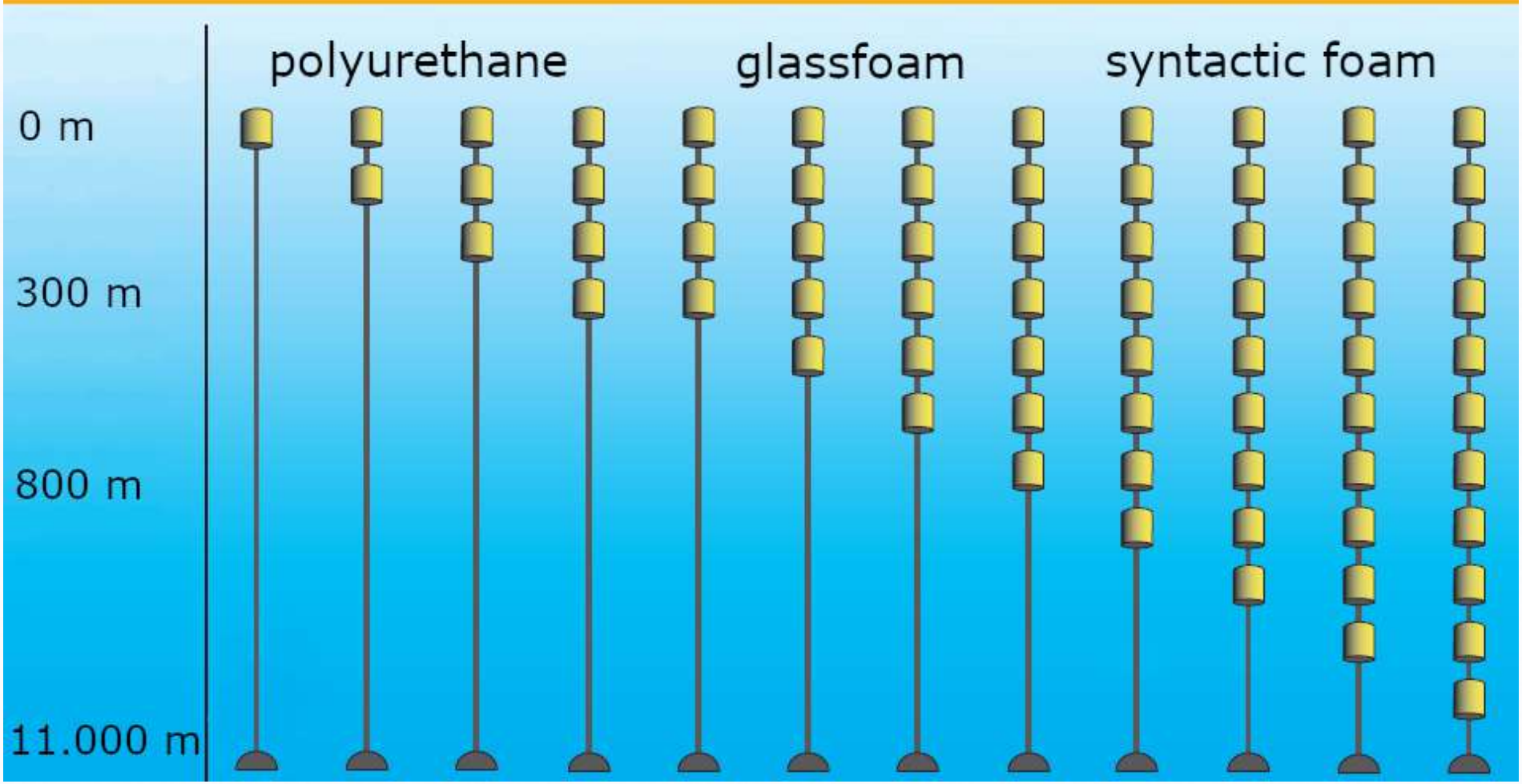
FROM 0 TO 11.000 m, RESINEX TECHNOLOGY FOR HIGH DEPTHS



Syntactic Foam Floats

- Resinex started manufacturing syntactic foam buoys in the early 1990s: after years of research and experimentations, it succeeded in creating the perfect compound suitable for floats that have to **reach the deepest areas of the oceans**.

- The specific composition of Resinex syntactic foam allows the **underwater use up to 11.000 metres of depth**, where a high resistance to pressure and to different external factors are necessary.

- The key points are a very **high strength of the material** and a **zero water absorption rate**.

Syntactic Foam Floats

- The excellent performance of Resinex syntactic foam modules is always confirmed by the routine **quality tests** carried out at Resinex Marine Research Centre in Adro (Brescia).

- Another key point is the excellent **versatility**: Resinex can customize the syntactic floats according to the specific application and the depth of positioning.

- Syntactic foam buoys are mainly requested in the **Oil & Gas** and the **Scientific Research** sectors, where Resinex floats are used for pipeline installation, anchoring, medium and long-term positioning of submarine structures at different depths.

Quality Test

- Resinex Quality System is certified by **Lloyd's Register Quality Assurance** following **ISO 9001 standards**
- Each job follows a proper inspection and test plan, and Resinex **Certificate of Conformity** is issued for each job
- The Resinex Marine Research Centre is equipped with **six pressure tanks** for the high deep pressure tests **till 9.500 m depth** (950 bar)

Raw syntactic blocks

Quality Test

Tensile strength test at break

Hydrostatic pressure test – till 950 bar

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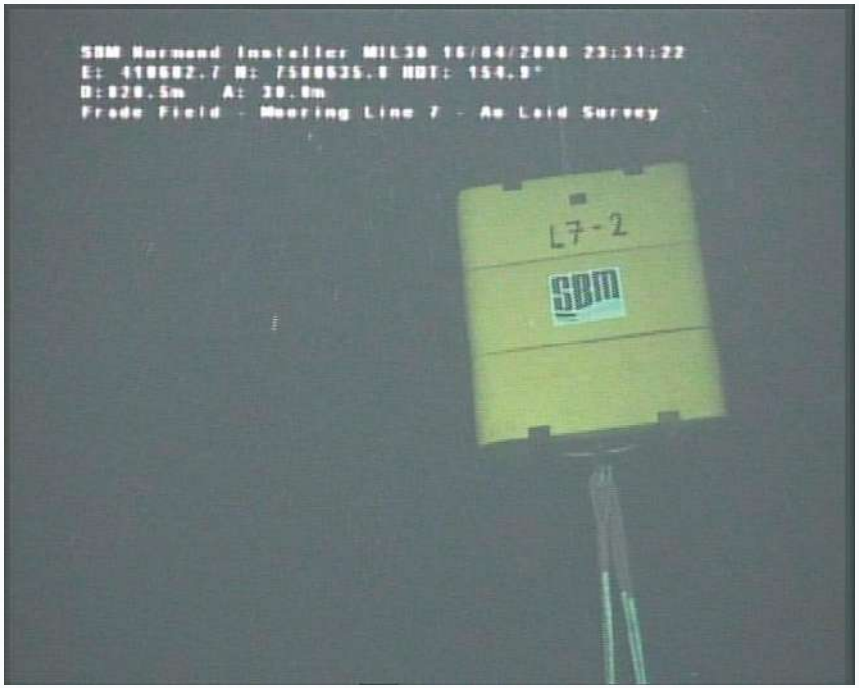
SINCE 1961 MARINE TECHNOLOGY

Some of our Oil & Gas Projects

Oil & Gas Projects



Frade Field Project
Brazil, 2.000 m WD

Jack St. Malo Project
Gulf of Mexico, 2.200 m WD

Oil & Gas Projects

Scarabeo 9 Vessel
Cuba, 3.700 m WD

Phoenix Project
Gulf of Mexico, 300 m WD

Oil & Gas Projects

Zohr Project
Egypt, 1.500 m WD

Deep Pioneer Vessel
Angola, 1.200 m WD

Oil & Gas Projects

Kizomba Satellites Project
Angola, 2.200 m WD

Egina Project
Nigeria, 2.000 m WD

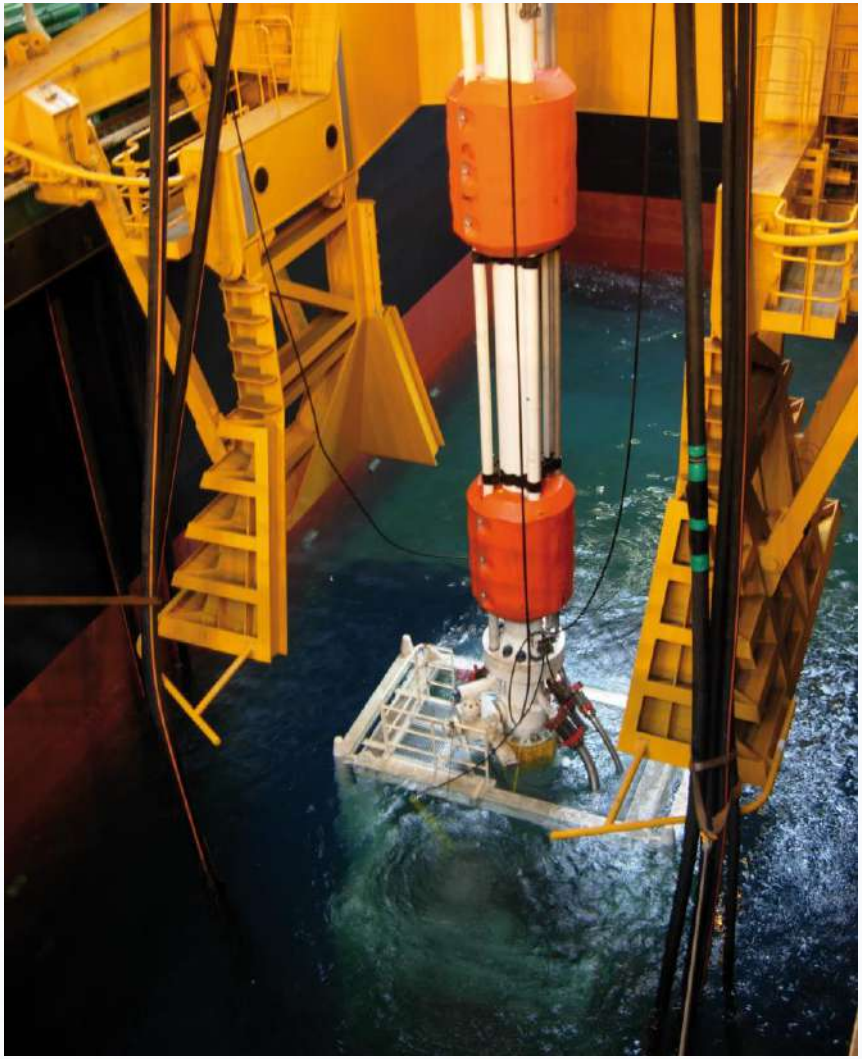
Oil & Gas Projects

Liwan Project
China, 1.500 m WD

Siakap North-Petai Project
Malaysia, 1.500 m WD

Oil & Gas Projects

Lingshui 17-2 Project
China, 2.000 m WD



Saipem 12000 Vessel
South Korea, 3.700 m WD

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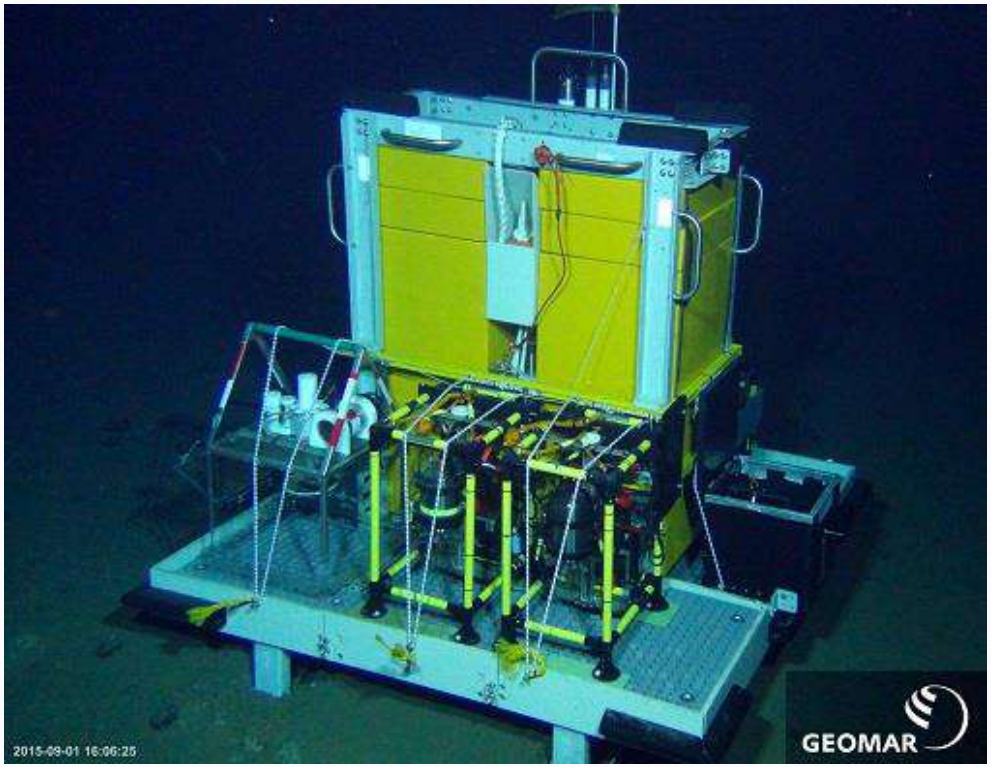
Some of our Oceanographic Projects

Oceanographic Projects

University of Southern Denmark, Hades Project
Mariana, Kermadec and Atacama trenches, 11.000 m WD

Oceanographic Projects

NIWA
New Zealand, 6.000 m WD



Geomar, Expedition SO242-2,
South America, 6.000 m WD

Oceanographic Projects

ESTOC station
Canary Islands, 500-3.700 m WD

Nemo Project (INFN)
Southern Italy, 3.500 m WD

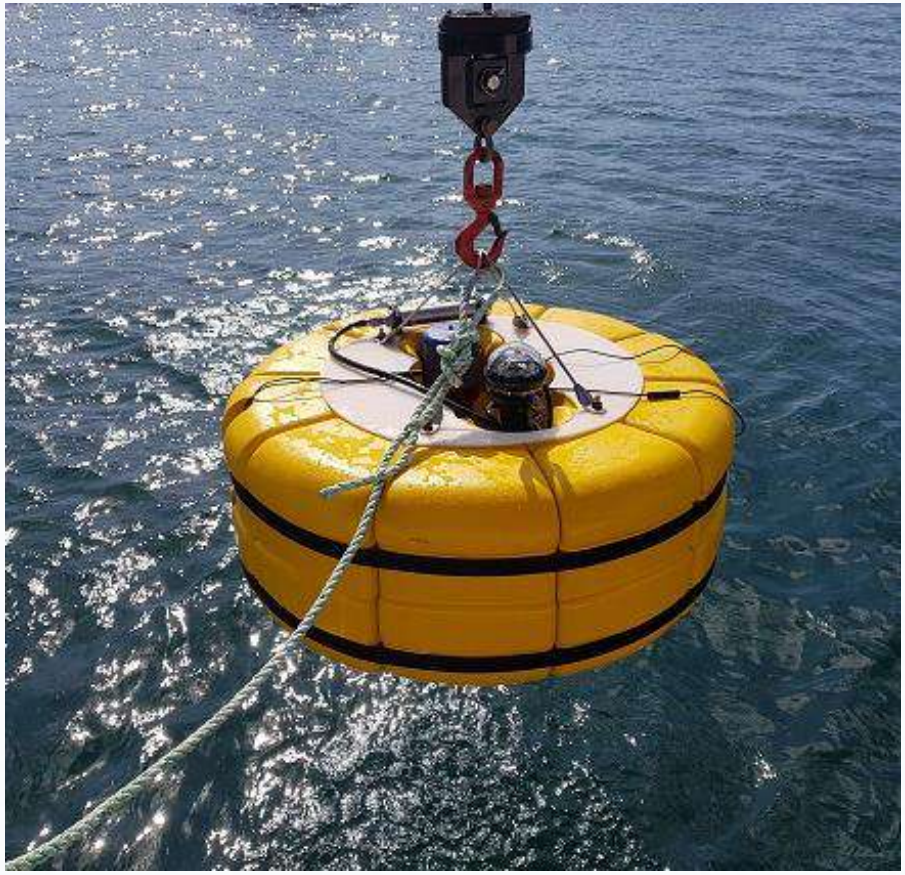
Oceanographic Projects

EMSO MedIT Project (INGV)
Southern Italy, 6.000 m WD

University of Azores
The Azores, 500 m WD

Oceanographic Projects

iXBlue
France, 3.000 m WD



GURALP
UK, 6.000 m WD

Oceanographic Projects

Sonardyne
UK, 3.000 m WD

Oceanographic Projects

LOCEAN
France, 3.000 m WD

NIOT
India, 3.000 m WD

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