

# FLOATEX<sup>®</sup>

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## 2017 - 2018 I.A.L.A. Conference-Exhibition KOREA

1957-2018. More than 60 years of nautical advices.

The International Association of Marine Aids to Navigation and Lighthouse Authorities is since years the principal source of the main guidelines for the navigation all around the world.

Floatex, proudly member of I.A.L.A. since years, has always been promoting a correct signalisation and a proper indication of the several situations in full respect to the I.A.L.A. recommendations.

This year, the 19th I.A.L.A. conference/

exhibition will be held in South Korea, more precisely in Incheon, close to Seoul.

The theme of the conference, "A New Era for Marine Aids to Navigation in a Connected World", clearly gives the idea on how the I.A.L.A. works with an eye on the present innovations which are helping to create a bridge to the future.

Floatex, as one of the most important and world-know manufacture of navigation buoys, dedicates its efforts in granting to customers high quality solutions in fully accordance with the indications given by I.A.L.A., such as the

respect of Chromaticity Region for the colours to be used in the manufacturing process.

The production process is anticipated by a strict control of the raw materials, that are duly tested to assure the level of quality required is reached.

This will allow a production of goods that will be able to serve the navigators for long periods, granting safe travels all along the years.

"Successful voyages, sustainable planet."

This is the I.A.L.A. motto and this should be the base of the works for all the members of this important organisation.

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## Tideland / Xylem - Floatex



Keeping in mind what I.A.L.A. has represented in the past, what represents today and what will be in the future, the partnership between Floatex and Tideland fully complies with the needs of assuring high quality solutions for safe navigation.

The partnership between Floatex and Tideland brings together over 100 years of expertise in the design and production of Aids to

Navigation.

Following the acquisition of Tideland by Xylem Analytics, MET/Hydro equipment can also now be integrated into our solutions as well.

Xylem Inc. is a large American water technology provider, enabling customers worldwide to transport, treat, test and efficiently use water in public utility, residential, commercial, agricultural and industrial settings.

Manufacturing pumps, sensors, and through the acquisition of Tideland Signal, Aids to Navigation, Xylem pursue a mission of solving water.

Floatex capacity to design and manufacture tailor-made

solutions, as well as standard products, enables the flexibility to provide customers with the perfect solutions for their needs.

This includes Aids to Navigation projects, monitoring projects and the multitude of different projects requiring floats.

The partnership between Floatex and Tideland Signal (now part of the Xylem group) combines the technical knowledge of the two companies, to improve daily the quality of production and, at the same time, create innovative solutions, meeting the demands of all customers around the world.

Recent studies have raised an

important issue:

the availability of clean water is decreasing.

This is partly down to climate change but also the way we treat and use water.

In order to better understand how to save and optimize the consumption of water, several studies by independent research facilities have started important analysis of water properties and the water cycle so we can have a real view on how to provide our children and grandchildren with a world where water is available for everybody.

Xylem is fully involved in this topic and offers a wide range of sensors, pumps and products useful for these studies:

Floatex is part of this process also, designing and manufacturing floats and buoys to house all of the different instrumentation enabling the equipment to be used all over the world, making data recovery easier and much more precise.

Hence, to have more chances to save our future.





## “Tailors” on the sea

What makes a tailor respected and esteemed is his precious skill to manufacture time by time a different dress for each and every customer, for the different occasions and necessities.

One of the main capacity of Floatex is to be a “buoy tailor”, a specialist in the customized production and able to satisfy most of the customer requirements, in the several field where Floatex operates. Just to make a quick and easy example; whenever a mooring buoy is required, Floatex can study a proper solution looking after all the useful information and needs: the dimension of

the vessel which has to be moored, the meteo-marine data i.e. water depth, waves and currents. The mooring system also can be suggested by Floatex.

A Floatex operator can fly over the final destination and give full support in assembling, handling and installing the buoy.

In 2018, Floatex has manufactured a mooring buoy with a final diameter of 7mt, that has been fully pre-assembled at Floatex premise to check the correctness of each component and granting the customer a safe use of the same.

When we talk about “tailor-

made” solutions, we talk also of the Elastic/Articulated Beacon.

This special structure has to be studied, designed and engineered time by time, taking in consideration the equipment to be installed on the beacon itself and the installation site.

In fact, an Elastic/Articulated Beacon to be installed in Ravenna cannot be the same to be installed in the Strait of Boniface, as the sea conditions are totally different and the result is that the structure will be different.

Floatex duly carry out studies on the construction of the Elastic/ Articulated Beacons following the above points and obtaining

every time a proper tailor-made product.

Last but not least, for particular situations where higher resistance of hinged floats is required, Floatex has been able to engineer a construction processes that helped in obtaining a tougher outer shell; this system is successfully operating since several years, with full satisfaction of the customers.

The ability of not wasting the acknowledgments gained in years of experience is recognized by most important customers, that confirmed the good quality of Floatex new solutions





## 2018: A look into the future

Market seems to have raised after the several difficulties of the last years.

Floatex main customers look optimistic towards the future, and Floatex as usual is ready to supply them with its wide range of products, in order to be able to follow the several opportunities that the market offers and be sure to realize high-quality products.

Floatex has the capacity to manufacture hundreds solutions for the different needs that customers will ask for: light buoys and elastic/articulated beacons (in cooperation with Tideland Signal & Xylem as expressed before), aquaculture products, mooring buoys for small boats and big vessels as

well, pick-up and marker buoys, "y" pieces, concentric reducers and dredging floats.

Of course, Floatex strength is to be able to propose also tailor-made solutions as through the years several special projects required new types of floats and buoys.

Floatex has shown its capacity to develop proper items helping customers to complete special projects.

The 2018 started with some sunshine in the dark of the last periods: Floatex will grab this new road with full trust in the future, and facing the several difficulties with the same energy that granted to Floatex a worldwide known reputation.





## Deep water floats - GMPHOM 2009



One of the main field where Floatex is involved is the production of offshore equipment and floats, i.e. deep water floats to be applied on rubber hoses.

Floatex is worldwide leader in the supply of Hinged Bolted and Turnbuckle floats, that are sold to all the main hose

manufacturers all over the world.

Floatex range of production fully covers all the dimensions of the GMPHOM 2009 (the former OCIMF), that is the main guideline followed in the production of the marine hoses and is respected by all hose manufacturers.

Floatex is capable to satisfy

the needs of all customers also in "tailor-made" versions of its standard floats as can apply umbilical clamps for the relative cable, can ballast floats reducing or nullify their buoyancy.

Special solutions to grant higher protection to the outer shell of floats are also realised

when required by the customer for special projects.

Floates are filled with polyurethane foam of the proper density depending from the water depths required, usually 0-40mt or 40-80 mt ranges , but also higher water depths can be reached with different polyurethane foam density.





## Dredging

Floatex skill to constantly innovate its production range has reached a new hallmark between end of 2017 and beginning of 2018 with the production of a special Bow coupling float/ Device.

Usually, Bow coupling floats are made in expanded polyethylene and covered with elastomer polyurethane.

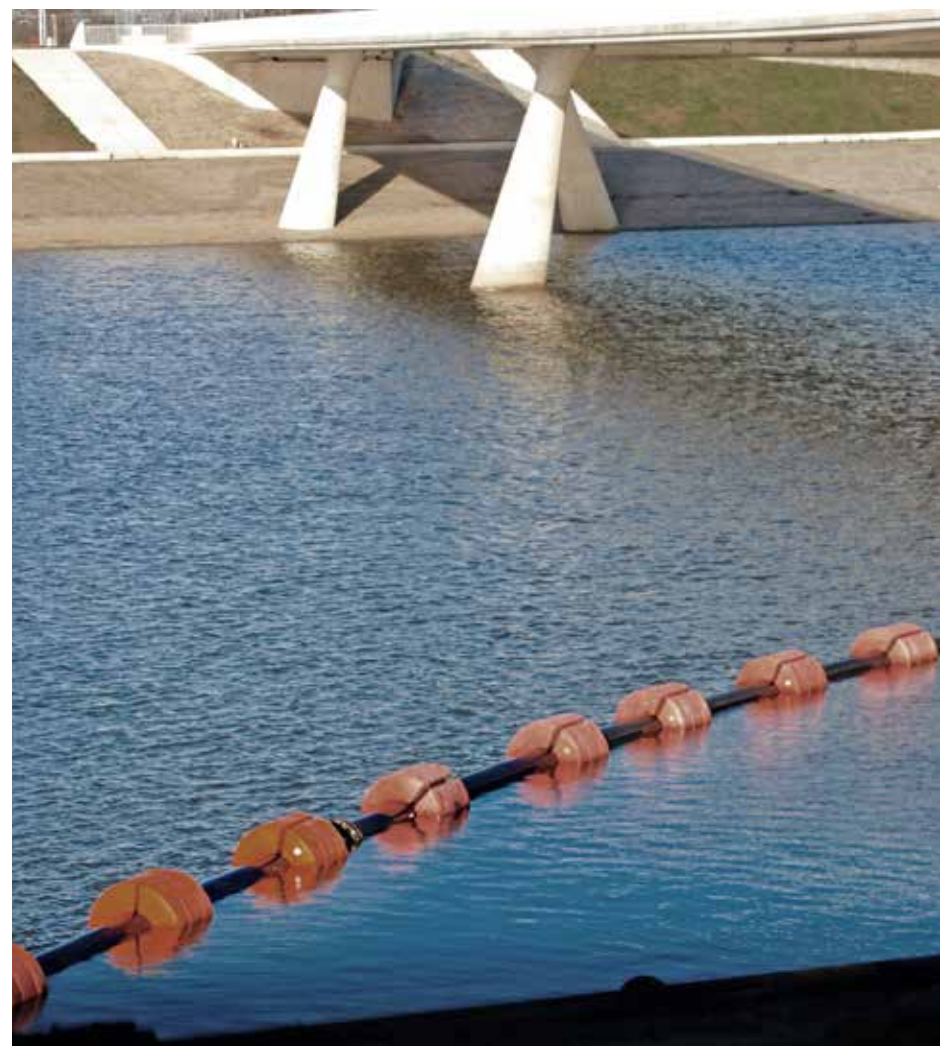
For a supply in The Netherlands, technically/commercially supported by Floatex BV, our

factory has manufactured a rotomoulded Bow Coupling float, that represents an unique solution in this field.

Alongside this innovative solution, Floatex proceeded with supplying standard

dredging floats of different dimensions.

Floatex range of production foresees floats for small cables with less than 50mm diameter, and floats for dredging pipes up to 920mm diameter.



## Aquaculture

Another line of Floatex production, since many years, is dedicated to the Aquaculture field.

Buoys for delimitation of the aquaculture site, accessories for the cages, floats for nets, Floatex fully support their customers in their necessities, supplying yearly hundreds of floats of different sizes and volumes. The feedback is positive and grateful and Floatex fully dedicates its production force to manufacture always products that customers are more than happy to use in their daily business.





## Into Floatex

Floatex has decided to keep always high quality as the main target in its manufacturing process.

Floatex fully respects ISO guidelines and is periodically subjected to ISO inspections to obtain the relative certification; moreover is proceeding with the necessary preparations to obtain the ISO 14001.

The use of "eco-friendly" row materials is a "must" in Floatex policy, and Floatex is proud to declare that all products are manufactured with properly certified eco-friendly row materials following the actual regulations.

Daily controls on raw materials are done to grant the performance of the incoming

goods that will be then forwarded to the production department: if raw material does not respect the minimum standards of quality, the batch is rejected.

Floatex policy is to test materials at the maximum to obtain an high quality, that will last for a longer time and will grant the customer a safe work and full satisfaction of the performance of the products.

The internal laboratory, where our materials are tested, is complete with various equipment, all of them duly tested and approved by external inspections and in fully accordance with the relative normative.





# FLOATEX®



ISO 9001  
BUREAU VERITAS  
Certification



Floatex cooperate with:



a xylem brand



## FLOATEX®

**FLOATEX SRL ITALY**

Via Cave 12 - 25050 - Provaglio d'Iseo (Bs) - Italy

**Phone** +39 030 98 23 255 - **Fax** + 39 030 98 23 599

**Email:** info@floatex.com - **Website:** [www.floatex.com](http://www.floatex.com)

## FLOATEX®

NEDERLAND B.V

**FLOATEX NEDERLAND B.V**

**Phone** +31 (0)78 - 76 000 96

**Fax** +31 (0)78 - 76 000 98

**Email:** richard@floatex.nl - **Website:** [www.floatex.nl](http://www.floatex.nl)



**FLOATEX ITALY**  
[www.floatex.com](http://www.floatex.com)



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[www.floatex.nl](http://www.floatex.nl)



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



**TIDELAND SIGNAL LTD U.K.**  
[www.tidelandsignal.com](http://www.tidelandsignal.com)

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