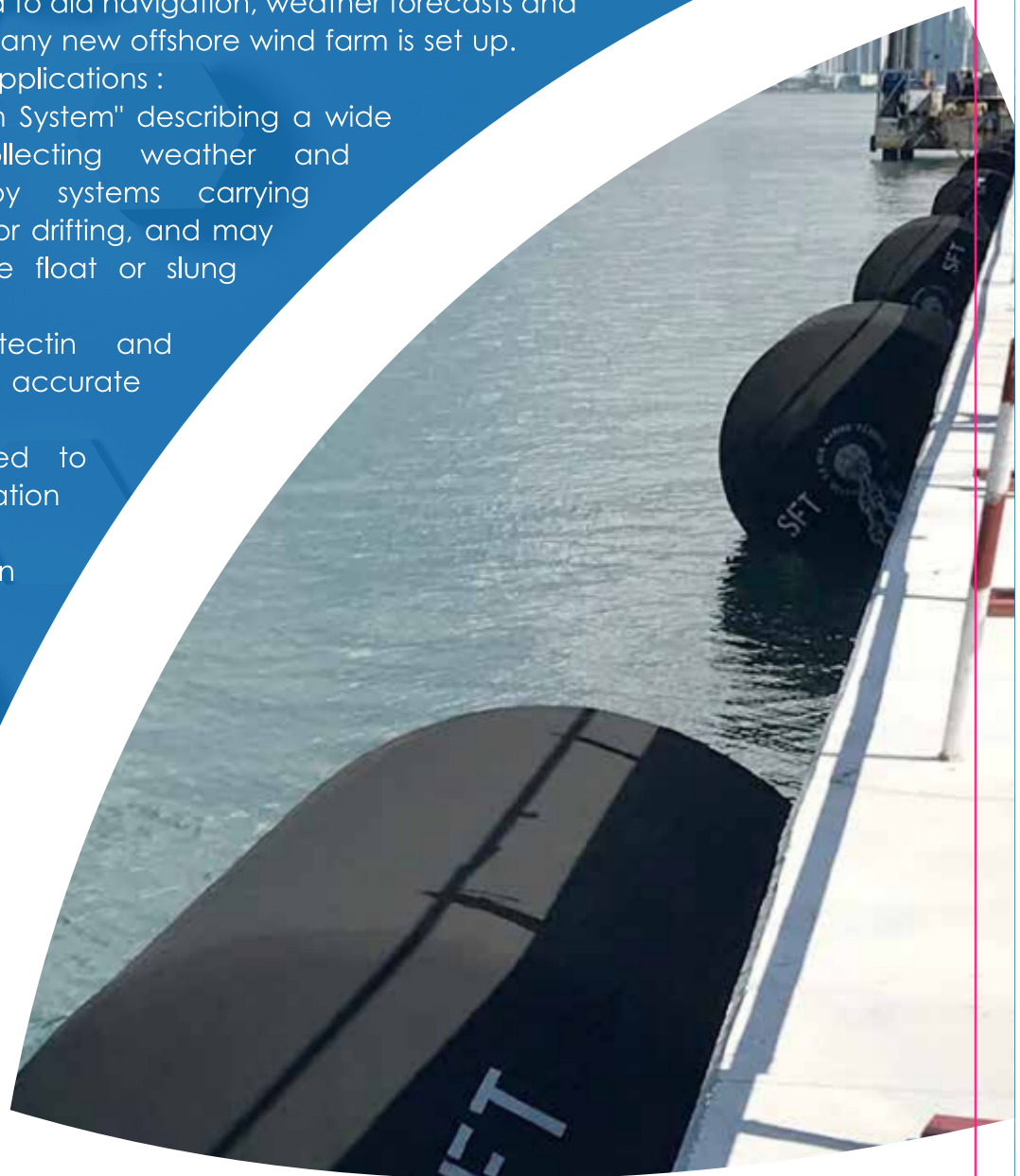


# Instrumentation buoys

Instrumentation buoys are required to aid navigation, weather forecasts and wind resource assessment prior to any new offshore wind farm is set up.

We have three different types of applications :

- ODAS "Ocean Data Acquisition System" describing a wide range of devices for collecting weather and oceanographical data. Buoy systems carrying instruments are either moored or drifting, and may have instruments either in the float or slung beneath them to any depth
- LIDAR "Laser Imaging, Detectin and Ranging" used to carry out accurate wind measurements at sea
- Floating beaconing dedicated to floating aids to navigation equipments
- Floating panel Specially design to give indications on restricted or forbidden areas for navigation



# Instrumentation buoys

the meteorological and environmental data collections systems are single or multi-float floats. Made out of closed-cell polyethylene foam, covered with a projected polyurethane skin crossed by a steel frame that reinforces the structure. A steel keel ensures the vertical position of the buoy out of the water. Fins reduce rotational movements at sea. Some of these buoys can be ballasted.

## Features

- Dimensioned large enough to have high level LIDAR equipments & energy self sufficiency
- Robustness a long life expectancy
- Low environment impact
- Insinkable even if damaged
- Repairable
- Anti-sliding pads

