



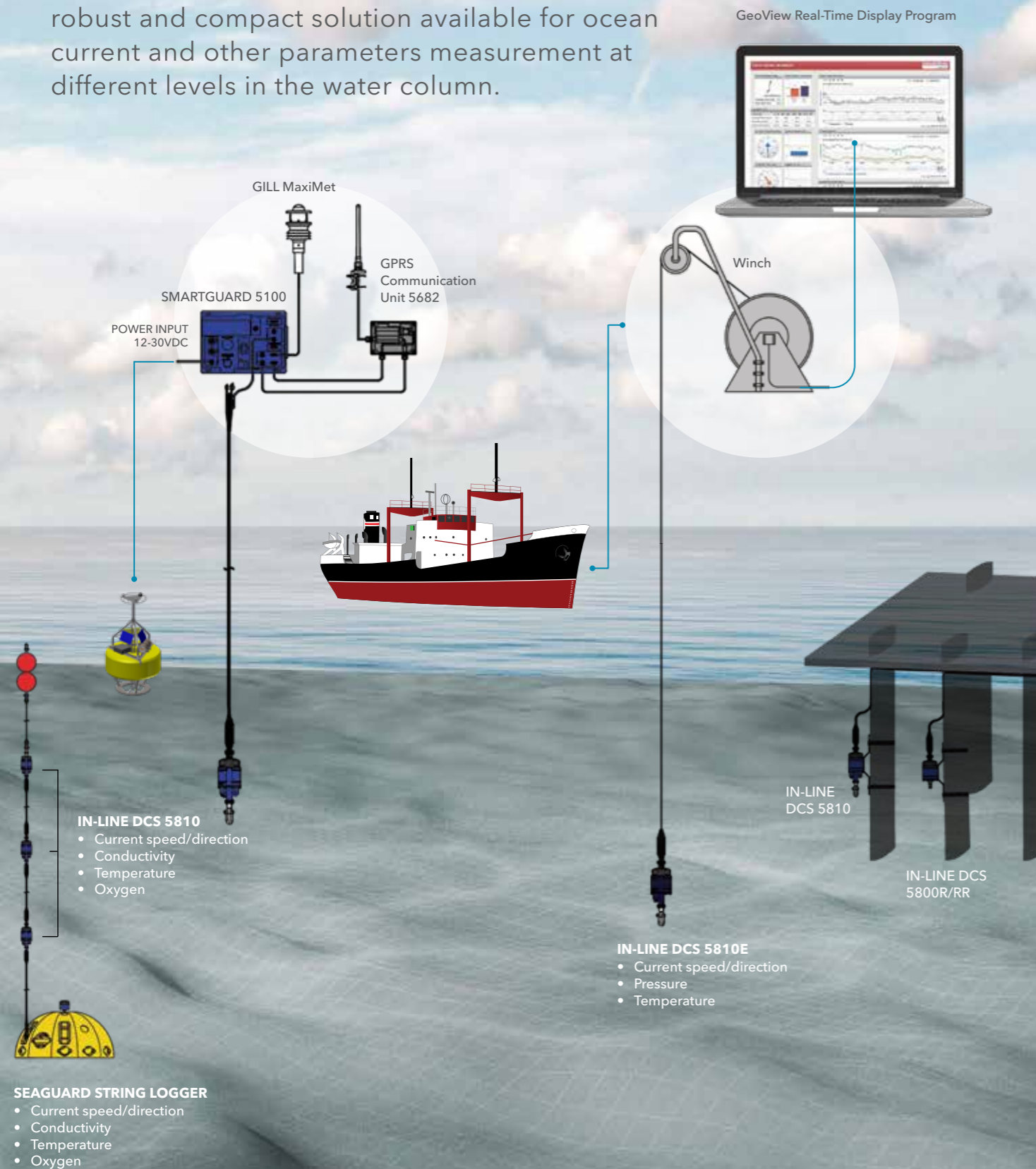
# In-line DCS

DOPPLER CURRENT SENSOR HUB



# In-line DCS Systems

The In-line Doppler Current Sensor hub is a robust and compact solution available for ocean current and other parameters measurement at different levels in the water column.



## String System

- Multiple nodes: a combination of DCS and water quality sensors at different levels
- Time synchronization of data
- Complete system connected to one datalogger
- Up to 4 In-line DCS in a string
- Maximum length: 300m

## Hyd/Met system

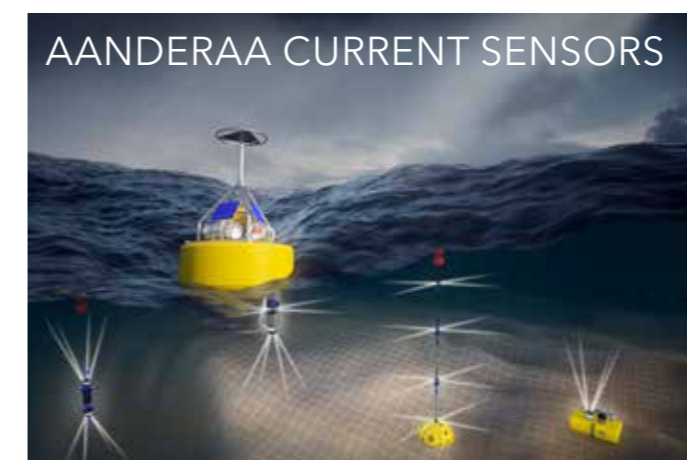
- Combination of hydrological and meteorological parameters in one system
- Can be fitted on a buoy or utilized on shore
- Compact and easy to integrate with third party sensors
- Many different options for real-time data transmission
- In-line DCS utilized as sensor hub with water quality sensors connected directly

## Berth/Docking system

- Harbour application integration into existing docking systems
- Current speed information in the critical phases of docking operation
- Provides data on water temperature and salinity affecting loading operation and ballast water
- In use in hundred of harbours world-wide

## Winch System

- Quick current profile through the water column
- Provides real-time snap shot of the conditions in the area of operations such as anchor handling
- Displays real-time current and temperature vs. depth
- Typical operating length is 50m



AANDERAA CURRENT SENSORS

## EASY SYSTEM INTEGRATION

Aanderaa extends its range of innovative environmental solutions with the In-line DCS

- The stand-alone Doppler Current Profiler Sensor
- The SeaGuardII DCP
- The SeaGuardII DCP Dual Head
- The Modular Seafloor lander with Aanderaa CTD and single point DCS or DCPS

# Xylem |'zīləm|




- 1) The tissue in plants that brings water upward from the roots;
- 2) a leading global water technology company.

We're a global team unified in a common purpose: creating advanced technology solutions to the world's water challenges. Developing new technologies that will improve the way water is used, conserved, and re-used in the future is central to our work. Our products and services move, treat, analyze, monitor and return water to the environment, in public utility, industrial, residential and commercial building services settings. Xylem also provides a leading portfolio of smart metering, network technologies and advanced analytics solutions for water, electric and gas utilities. In more than 150 countries, we have strong, long-standing relationships with customers who know us for our powerful combination of leading product brands and applications expertise with a strong focus on developing comprehensive, sustainable solutions.

**For more information on how Xylem can help you, go to [www.xylem.com](http://www.xylem.com)**



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