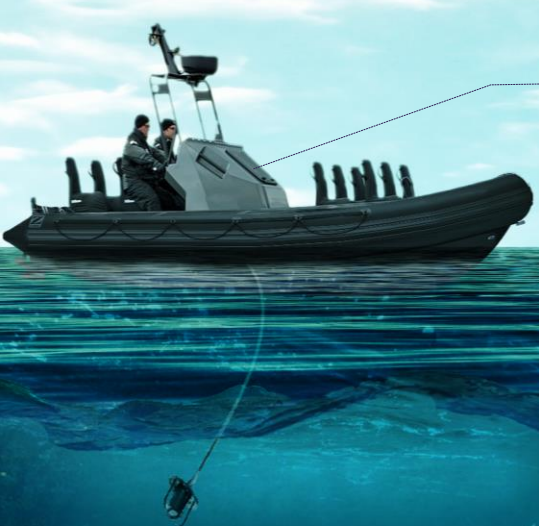


# LOCALIZE. CLASSIFY. IDENTIFY.



## SURFACE COMMUNICATION MODULE



Linked to a tablet and a dipping transducer, Surface Communication Module SCM allows navigation data and position real-time follow-up thanks to sparse-LBL positioning system. Just like between divers, surface can exchange text messages with divers within a 2.2 km range that can exceed 5 km using Beacons (please refer to Positioning & Relay Beacons Section).

## μAUV NEMOSENS

While in operation, NemoSens will interact as a gateway between the underwater area and the surface transmitting data via UHF radio link and acting as a mobile positioning and relay beacon. NemoSens autonomy can reach more than 20 hours at 2 knots with maximum speed of 8 knots. NemoSens is less than 90cm long.



## COMET-MCM AUV

COMET-MCM was crafted to assist divers on their journey toward underwater EOD clearance. COMET can dive down to 300m with 20 hours of maximum autonomy. Various payloads can be embedded such as low-light HD camera side-scan sonars or altimeter.



## POSITIONING & RELAY BEACONS

Positioning and Relay Beacons (PRB) can both be used as a repositioning tool by divers and increase navigation accuracy, or as a way to relay communication from 2.2 km without beacon to an unrivaled range of 5 km.



## DIVER-HELD SYSTEM SONADIVE

SonaDive is a navigation and sonar system especially developed for EOD clearance divers. SonaDive can face 60m depth with 6 hours autonomy. Communication features on SonaDive allow accurate repositioning and text messages exchange between divers and the surface.



**Functionnalities**

	<i>SONADIVE</i>	<i>COMET</i>	<i>NemoSens</i>	<i>SCM</i>	<i>PRB</i>
<b>Positioning</b>					
GPS					
Pressure Sensor				-	-
GeoSys Remote control				-	-
Sparse-LBL					
<b>Communication</b>					
UHF/VHF				-	-
WiFi				-	-
Ethernet				-	-
<b>Navigation</b>					
Inertial Navigation System (INS)				-	-
Doppler Velocity Logger (DVL)			-	-	-

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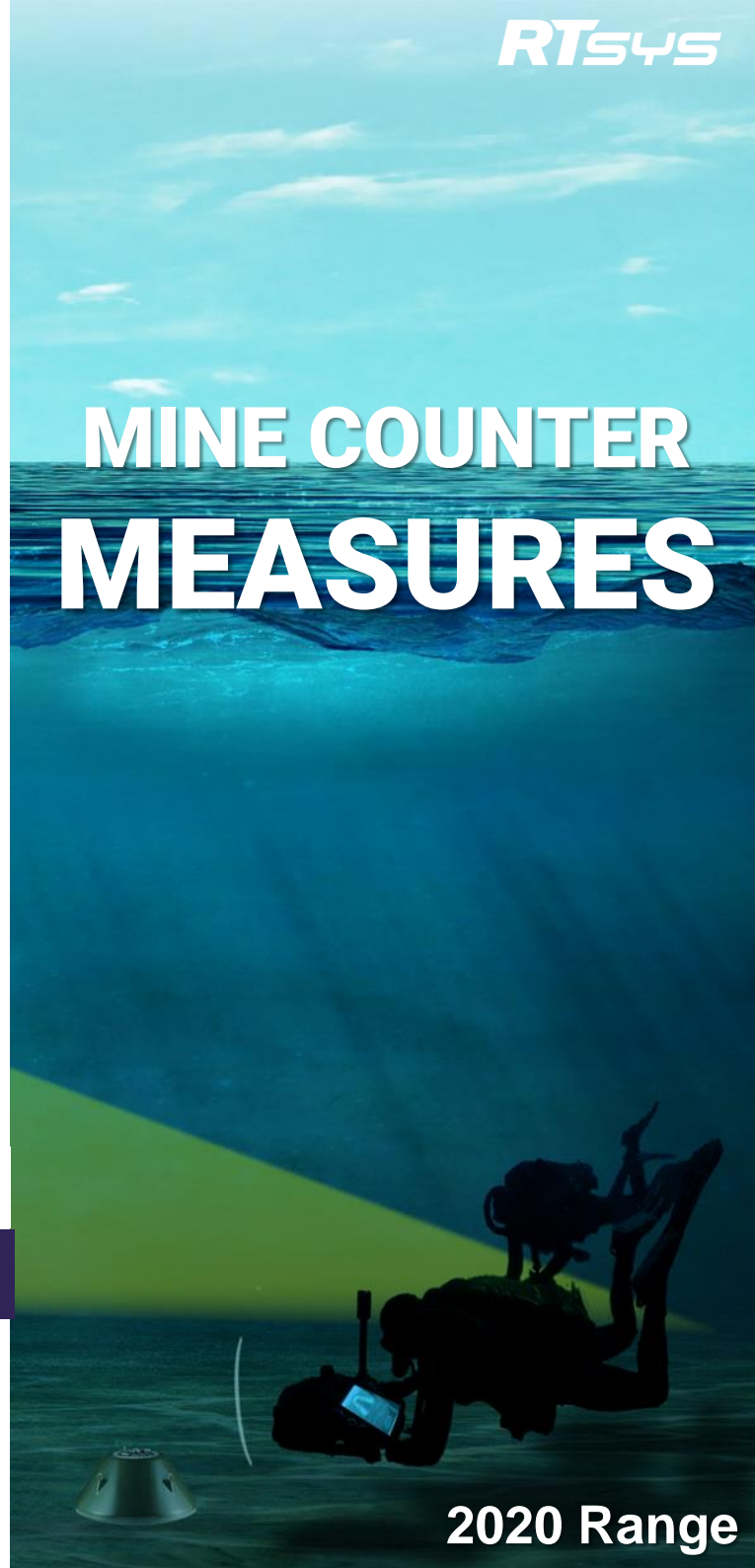
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