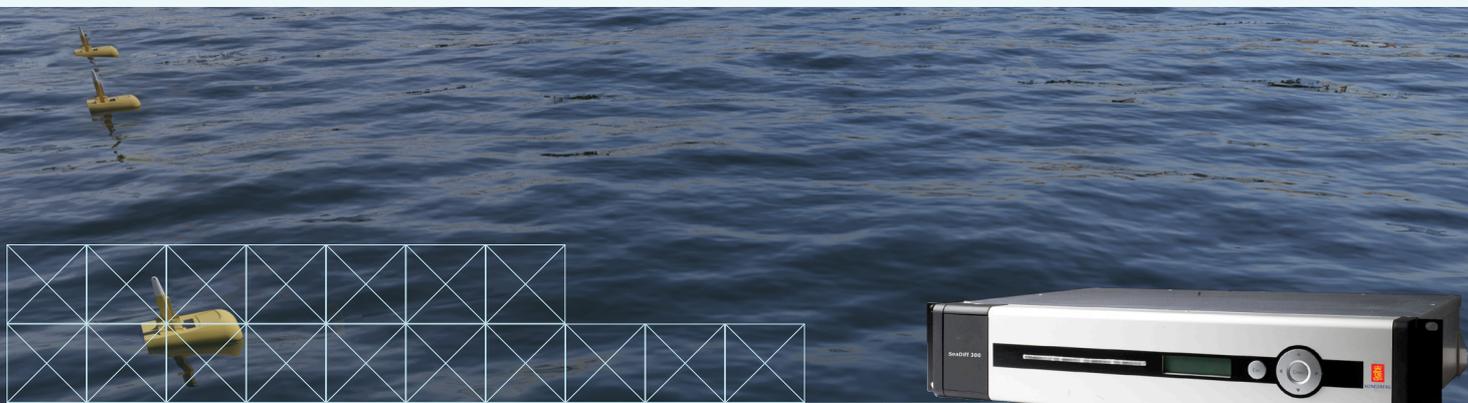


SEADIFF 320



KONGSBERG



THE PROFESSIONAL GNSS TRACKING SOLUTION

The Seadiff 320 is a GPS and Glonass based relative positioning system. Seadiff is the on board system for calculation of data from connected Seatrack units. Seatrack units are connected to Seadiff either via radio communication or wired connection and Seadiff provides typically relative range and bearing to all units. Bearing between Seatracks can also be presented where relative or absolute heading of an object is needed.

TECHNICAL SPECIFICATIONS

PERFORMANCE

Position accuracy	<1m
Position accuracy SBAS	<0.5m
Position accuracy RTK	<10cm
Relative buoy accuracy	<1m
Relative buoy accuracy RTK	<5cm
GNSS update rate	Up to 2Hz depending on surface transponder unit

GNSS

GPS L1, Glonass L1

WEIGHTS AND DIMENSIONS

Seadiff Processing Unit	89 x 485 x 357 mm
Weight	5.4 Kg

POWER SPECIFICATIONS

Supply voltage	100 to 240 V AC 50/60 Hz
Max power consumption	60 W

ENVIRONMENTAL SPECIFICATIONS

Operational temperature range	-15°C - +55°C ¹
Humidity	Max 95% non-condensing

STANDARDS AND REGULATIONS

Electromagnetic compatibility

Compliance to EMC, immunity/emission	IEC 60945/EN 60945
Mechanical vibration	IEC 60945/EN 60945

Product safety

Compliance to LVD, standard used	IEC 60950-1/EN 60950-1
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Specifications subject to change without any further notice.

¹ Recommended +5°C to +40°C

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