

SEADIFF 300



KONGSBERG



THE PROFESSIONAL GNSS TRACKING SOLUTION

The Seadiff 300 is a GPS 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

| | |
|------------------|------------|
| Accuracy | <1 m |
| GNSS update rate | Up to 1 Hz |

GNSS

GPS 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 |
|----------------------------------|------------------------|

Specifications subject to change without any further notice.

¹ Recommended +5°C to +40°C

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