



Pathfinder® NSC 25

Navigational Radar and ARPA System

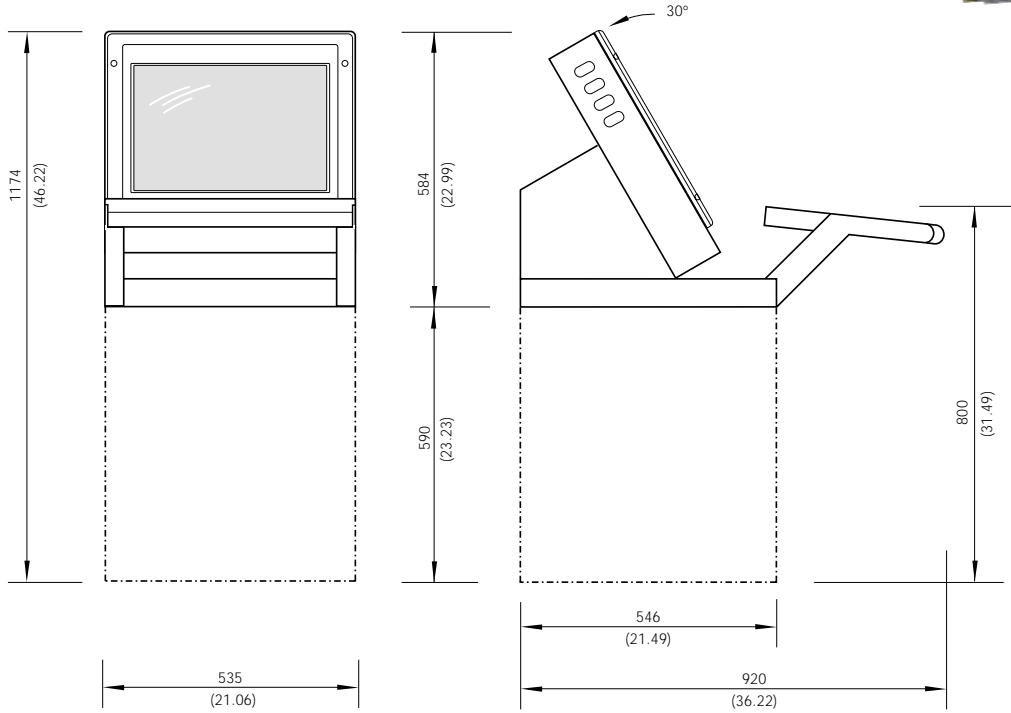
The new Pathfinder® NSC 25 Navigational Radar/ARPA is a completely new designed system which represents latest state-of-the-art technology and offers everything you can expect from a modern IMO 12" ARPA-Radar. Based on Raytheon's more than half a century experience in radar development, Pathfinder® NSC 25 is a high performance product with unmatched capabilities and performance. It is designed and produced under ISO 9001 quality standard at Raytheon Marine GmbH in Kiel, Germany.

Features

- Latest TFT Display technology
- PC based radar processor
- Desk top and deckstand version
- Easy installation, "plug & play" .
- Large number of standard interfaces, plus USB interface for external units
- Very comfortable MMI new designed software, Trackball control and Trackball/Operator panel control
- Multiple software features
- 10kW X-Band high performance MTR with 6ft antenna plus all Pathfinder® MK2 MTRs (25kW X-Band/30kW S-Band) and scanners
- Highly integrated, very compact design
- World wide sales and service support.



Technical Data



TFT Display Size	20.1 inch
PPI Diameter (IMO)	12 inch (250 mm)
Resolution	1024 x 768
Range	0.125 nm – 96 nm
EBLs	2
VRMs	2
Parallel Index Lines	2
Display Presentations	RM, TM, CTM
Display Heading Modes	HU, NU, CU
Gyro Input	NMEA
Speed input	NMEA
Display Voltage	230 V AC
Display Power	200 VA

RF Power	10 kW	25 kW	25 kW	30 kW
Frequency	X-Band	X-Band	X-Band	S-Band
Scanner size	6 ft	7 ft	9 ft	12 ft
Horizontal Beam Width	1.2 deg	1.0 deg	0.9 deg	1.9 deg
Vertical Beam Width	25 deg	23 deg	23 deg	23 deg
Rotation Rate	22 rpm	22 rpm	22 rpm	22 rpm
Wind Load	100 kts	100 kts	100 kts	100 kts
Pedestal Voltage	18-40 VDC	115/230 VAC	115/230 VAC	115/230 VAC
	380/460 VAC	380/460 VAC	380/460 VAC	
Display Power	300 W	700 VA	700 VA	1,400 VA

The new Pathfinder® NSC 25 complies to latest IMO requirements such as IMO Res. A823.

Dimensions in mm (inch)

Subject to alteration due to technical developments without notice.

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