

List of rate-of-turn indicators approved in accordance with the Rhine Vessel Inspection Regulations

Rate-of-turn indicators which were approved before 1 January 1990 in accordance with the provisions regarding minimum requirements and test conditions of rate-of-turn indicators for Rhine navigation may be installed and operated if a valid installation certificate has been issued in accordance with the provisions regarding minimum requirements, test conditions, installation and performance testing of radar navigation equipment and rate-of-turn indicators for Rhine navigation or in accordance with Annex M, part III, of this regulation.

Nr.	Type	Manufacturer	Owner of the type approval	Date of approval	Competent authority	Approval No
W 1.1	ROT 2000	Radio Holland Rotterdam	Radio Holland NL-Rotterdam	6.11.1991	NL	R-2-003
W 2.1	410-026 430-008	Anschütz u. Co. D-Kiel	Anschütz u. Co. D-Kiel	22. 9.1992	D	R-4-099
W 3.1	EBW 300/ DBW 300 van der Velden	Radio Zeeland RZ Products	A. van der Velden B.V. NL-2930 AB Krimpen	18.10.1993 3.11.1999	NL NL	KSR 102 700-0893 R-2-013
W 3.2	ECP 500/ DCP 500 van der Velden	Radio Zeeland RZ Products	A. van der Velden B.V. NL-2930 AB Krimpen	18.10.1993 3.11.1999	NL NL	KSR 102 800-0893 R-2-014
W 3.3	Euro 300 / Delta 300	RZ Products Saith RH	RZ Products NL-4538 AG Terneuzen	3.11.1999	NL	R-2-013
W 3.4	Euro 500 / Delta 500	RZ Products Saith RH	RZ Products NL-4538 AG Terneuzen	3.11.1999	NL	R-2-014
W 3.5	Euro 500 Combipilot	Radio Zeeland / Radio Holland	RZ Products NL-4538 AG Terneuzen	14.11.2000	NL	R-2-016
W 3.6	SIGMA 300	Radio Zeeland DMP Radio Holland	Radio Zeeland DMP B.V. NL-4538 AG Terneuzen	28.8.2002	NL	R-2-018
W 3.7	SIGMA 550	Radio Zeeland DMP/ Radio Holland	Radio Zeeland DMP B.V. NL-4538 AG Terneuzen	28.8.2002	NL	R-2-019
W 3.8	SIGMA 500	Radio Zeeland DMP / Radio Holland	Radio Zeeland DMP B.V. NL-4538 AG Terneuzen	19.7.2004	NL	R-2-020
W 4.1	Turnmaster 2	Sperry Marine	Sperry Marine B.V. NL-3130 AG Vlaardingen	7.12.1993	NL	R-2-005 KSR 100 GBO-1093
W 4.2	Turnmaster 2	Sperry Marine B.V.	Litton Marine Systems B.V. Wijnhaven 42 NL-3011 WS Rotterdam	6.4.1998	NL	R-2-005

Nr.	Type	Manufacturer	Owner of the type approval	Date of approval	Competent authority	Approval No
W 5.1	EBF 01	EBF Elektronik + Mechanik GmbH & Co.KG D-Halsenbach	EBF Elektronik + Mechanik GmbH & Co.KG D-Halsenbach	15.11.1994	D	R-4-098
W 5.2	EBF Kombipilot/ Alphatron-Basictriple	EBF Elektronik + Mechanik GmbH & Co.KG D-Halsenbach	EBF Elektronik + Mechanik GmbH & Co.KG D-Halsenbach	17.2.2002	D	R-4-095
W 5.3	EBF 01a/Basicturn	EBF Elektronik + Mechanik GmbH & Co.KG D-Halsenbach	EBF Elektronik + Mechanik GmbH & Co.KG D-Halsenbach	17.12.2003	D	R-4-094
W 6.1	TM 100 - 300	Schwarz-Technik	Internation. Navigatie Apparaten B.V. NL-3011 WS Rotterdam	12.4.1996	NL	R-2-010
W 6.2	WK 1	Schwarz-Technik	Schwarz-Technik Duisburg	19.12.1995	D	R-4-097
W 6.3	TM 100 - 300	Schwarz Technik	Litton Marine Systems B.V. Wijnhaven 42 NL-3011 WS Rotterdam	1.4.1998	NL	R-2-010
W 6.4	GYRO Star 2000	Schwarz Technik	Schwarz-Technik Duisburg	7.12.1999	D	R-4-096
W 7.1	TurnMaster-40	Litton Marine Systems	Litton Marine Systems NL-3011 WS Rotterdam	3.10.2000	NL	R-2-015
W 7.2	ECO 300	RZ Products B.V.	RZ Products B.V. Industrieweg 17 NL-4538 AG Terneuzen	17.7.2001	NL	R-2-017
W 7.3	ECO 500	RZ Products B.V. DMP Sait/RH	RZ Products B.V. Industrieweg 17 NL-4538 AG Terneuzen	21.7.1999	NL	R-2-012
W 8.1	Alphaturn 90° MC / Alphaturn 300° MC	Alphatron B.V. NL-Rotterdam	Alphatron B.V. NL-Rotterdam	27.3.2003	D	R-4-093
W 8.2	Alphaturn MF	Alphatron Marine B.V.	Alphatron Marine B.V.	14.8.2007	D	R-4-092
W 8.3	Alphaturn 01 / KSR102900-0195	Alphatron Marine B.V.	Alphatron Marine B.V.	10.6.2003	NL	R-2-007
