



TYPE APPROVAL CERTIFICATE
No. ELE029325XG

This is to certify that the product below is found to be in compliance with the applicable requirement of the RINA type approval system.

<i>Description</i>	SOUND SIGNAL EQUIPMENT
<i>Type</i>	BELL and GONG
<i>Applicant</i>	WHISTLES: ZETFON, ZET-HORN, MAKROFON ZOELLNER SIGNAL GMBH Postbox 7017, D-24170 Kiel GERMANY
<i>Manufacturer</i>	ZOELLNER SIGNAL GMBH
<i>Place of manufacture</i>	Radewisch 40, D-24145 Kiel GERMANY
<i>Reference standards</i>	Convention of International Regulations for preventing collisions at sea, 1972 _ed. 2003 (ref. to Italian Law 27th December 1977 no. 1085.)

Issued in **HAMBURG** *on* **April 22, 2025.** *This Certificate is valid until* **April 21, 2030**

RINA Services S.p.A.
Giuseppe Russo

This certificate consists of this page and 1 enclosure

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BELL and GONG
WHISTLES: ZETFON, ZET-HORN, MAKROFON

Description:

The Bell (350 EL) and Gong (500 EL) system is an electro-mechanical devices that fulfill the requirement of the COLREG 1972.

Field of application

Vessels having length of 12m up to 20m

WHISTLE Type	Reference Documents	Feeder
ZETFON 50/650 K	0144803, 01616560, 01808483	Electric: 12V DC or 24V DC / 50W
ZETFON 120/330K	0144812, 01616561, 01808484	Electric: 24 V DC / 120W

Field of application

Vessels having length of 20m up to 75m

WHISTLE Type	Reference Documents	Feeder
ZETFON 300/310	01506388, 06100113EN2, 01808744	Electric: 24V DC / 170W
ZETFON 400/310 DC	SW 136e, 0116016, 01808240	Electric: 24V DC / 360W
ZETFON 400/310 AC	SW 137e, 0116050, 01808239	Electric: 230 V AC, 50/60 Hz / 420W
MAKROFON M75F/260	SW 133e, 01707497.07	Compressed air: 6 - 40 bar
MAKROFON M75F/370	SW 133e, 01707498.07	Compressed air: 6 - 40 bar

Field of application

Vessels having length of 75m up to 200m

WHISTLE Type	Reference Documents	Feeder
ZET- HORN 131 AC	SW 131.1, 0106496, 01808503.09	Electric: 230-380 Vac, 50 Hz; 440-690 V, 60 Hz 3~
ZET- HORN 141 AC	SW 131.1, 0106496, 01808503.09	Electric: 230-380 Vac, 50 Hz; 440-690 V, 60 Hz 3~
MAKROFON M75F/260	SW 133e, 01707497.07	Compressed air: 6 - 40 bar
MAKROFON M125/130	SW 134e, 01707499.07	Compressed air: 6 - 40 bar
MAKROFON M125/160	SW 134e, 01707499.07	Compressed air: 6 - 40 bar

Field of application

Vessels having length of more than 200m

WHISTLE Type	Reference Documents	Feeder
ZET-HORN 90AC	SW 132.1, 0106496, 01808503.09	Electric: 230-380 Vac, 50 Hz; 440-690 V, 60 Hz 3~
ZET-HORN 110AC	SW 132.1, 0106496, 01808503.09	Electric: 230-380 Vac, 50 Hz; 440-690 V, 60 Hz 3~
MAKROFON ZM 200/ 90	SW 135e, 01707500.07	Compressed Air: 6 - 40 bar
MAKROFON ZM 200/ 110	SW 135e, 01707500.07	Compressed Air: 6 - 40 bar

Field of application

Vessels having length of 20 m or more

Bell Type	Reference Documents
BELL 350 EL	0144630



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BELL and GONG
WHISTLES: ZETFON, ZET-HORN, MAKROFON

Field of application

Vessels having length of 100 m or more

GONG Type	Reference Documents
GONG 500 EL	0144538

Drawings:

Dwg. n° 0144538;... (GONG 500 EL)

Dwg. n° 0144630;... (BELL 350 EL)

Remarks

Sound signal appliances to be used / installed according to manufacturer's instructions.

HAMBURG April 22, 2025

Giuseppe Rino