EMC test laboratory, ELEMCOM Ltd
190008, Saint-Petersburg, Lotsmanskaya str., 3

Certificate
AKP.0103-18 RMF
Ministry of transport of the
Russian federation
valid until 01.03.2011

Recognition certificate
06.00998.011 Russian maritime
register of shipping
valid until 21.06.2011

Recognition certificate 2621
Russian river register
valid until 20.02.2009

APPROVED
General director
ELEMCOM Ltd.

A. Worshevsky
"13" January 2009 г.

EMC TEST REPORT N 90103

Dive Computer

number of pages - 4

Saint-Petersburg

2009 г

Equipment Under Test (EUT): Dive Computer

Model:

Serial number: 2

Manufacturer: EMA Ltd, Zetland Road, Hillington Industrial Estate, Glasgow, Scotland G52 4BW

Applicant (Design Authority): Deep Life Ltd, 9-11 Jubilee House, Saltire Business Park, Glenrothes, Scotland. KY6 2AH

OEM (Sales and Branding): Open Safety Equipment Ltd, Zetland Road, Hillington Industrial Estate, Glasgow, Scotland G52 4BW

Power Requirements: Battery

Date of Receipt of EUT: 30.12.2008

Date of Testing 30.12.2008, 06.01.2008

Tested according to: EN 61000-6-1

EN 61000-6-3

Ambient condition: Temperature 17-20°C, Humidity 32-52%, Atm. Pressure 762-778 mm

Test Site: EMC Test laboratory, Elemcom Ltd, Lotsmanskaya 3,

Saint-Petersburg, Russia

Test equipment

Type of Test Equipment	Manufacture	Calibration certificate	Calibrated till
ESD Simulator ESR-8000K, No 22	Elemcom Ltd	No 432-907-2008	April 2010
Electromagnetic field Simulator UEMP-0,15-2000	Elemcom Ltd	No 433-2797-2008	October 2010
Magnetic Field Simulator IMP-1000, No 8	Elemcom Ltd	No 432-1664-2007	July 2009
Spectrum Analyzer 2399B, No I06052036	IFR	No 0099659	June 2009
Antenna П6-61, No 40-05	OAO MNIPI	No 3217/2400	June 2009
Antenna П6-62, No 40-05	OAO MNIPI	No 3218/2400	June 2009

Modes of EUT operation: The function of the dive computer was checked by putting the computer into the mode where it showed PPCO2 data, then checking the display was not corrupted or frozen: it continued to be updated with regular changes in the least significant digit of the CO2 reporting.

Performance criteria: A. Normal performance within the specification limits. No change of operation state.

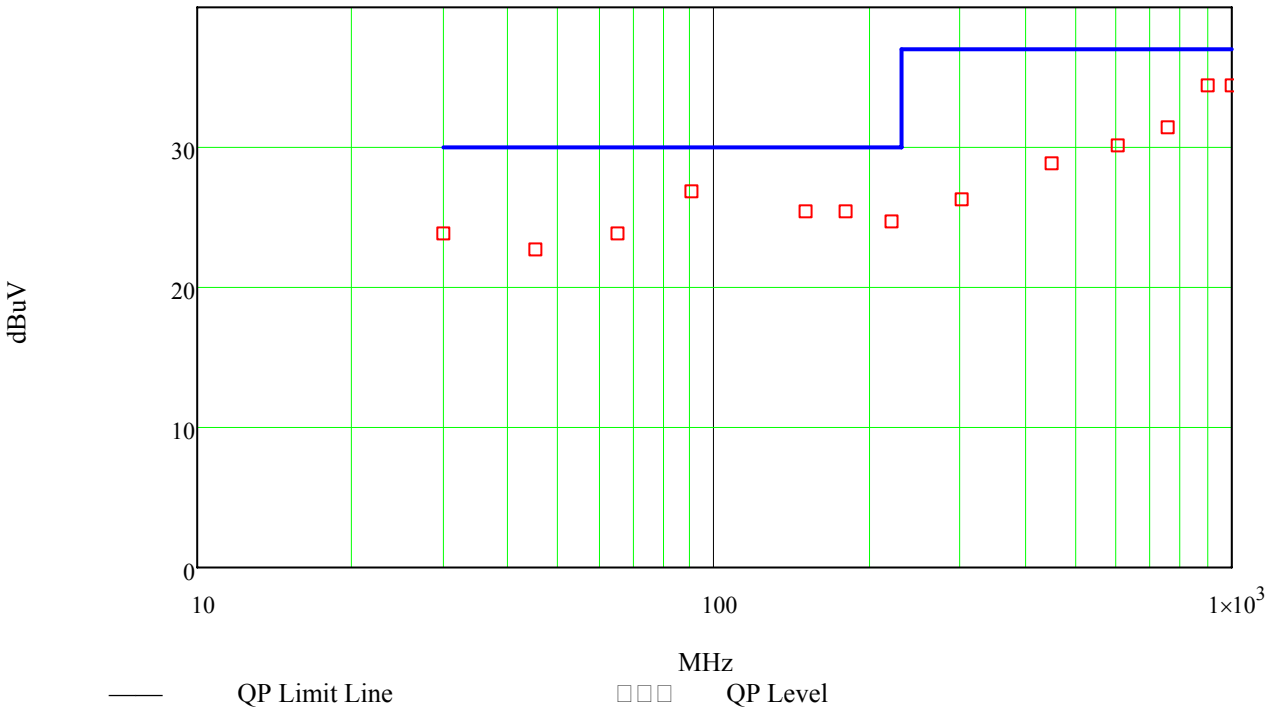
Immunity Test Result

Type of interference	Port of equipment	Value	Result
Electrostatic discharge EN 61000-4-2	Case (all buttons, all screw, all metal path, underwater connector pens, LED lenses)	Contact ± 4	Pass
		Air ± 8	Pass
Electromagnetic field EN 61000-4-3	Case	80-1000 MHz 3 V/m 80 % AM 1 kHz sinus	Pass
Magnetic field EN 61000-4-8	Case	3A/m 50 Hz	Pass

Remarks: No change of operating state.

Radiated Emission Test Result

Test standart: CISPR 22



Freq (MHz)	QP (dBuV/m)	Limit (dBuV/m)	Margin (dB)
30	23.9	30	6.1
45	22.7	30	7.3
65	23.9	30	6.1
90	26.9	30	3.1
150	25.4	30	4.5
180	25.5	30	4.5
220	24.7	30	5.3
300	26.3	37	10.7
450	28.8	37	8.2
600	30.2	37	6.8
750	31.5	37	5.5
900	34.5	37	2.5
1000	34.5	37	2.5

Conclusion: The Dive Computer s/n 2 has been tested in accordance EN 61000-6-1 and EN 61000-6-3 and passed.

Test engineer P.A. Vorshevskiy