Factory and Test Certificate

Evo Logics®

Date of report:	12.06.2019	Filled by:	O.Glushko
Reference:	2019-02287	Tested by:	E. Kebkal

Product Description

Product name:	S2C M 18/34 Hydroacoustic mini-Modem	Firmware:	v2.0.1-1
Serial Number:	1834/19#188/11	Interfaces:	1. Ethernet 192.168.0.188
			2.
			3.

Housing Material:	Delrin	Maximum depth (m)	200
Transducer type:	18/34	Maximum depth (m)	-

Installed Options

☐ Acoustic wake-up module	☐ USBL Antenna	Local address: 2
☐ AHRS	☐ Opto-coupler	Remote Address: 0
☐ Data logger	☐ Sensor integration	Sensor name:
☐ Additional virtual data channels		
☒ Distance and speed measurement		

Other/ Comments

Reworked: SDM (Software Defined Modem) functionality enabled;
IP reset to factory settings.
32 GB microSD card installed

Tests Conducted

	Test	Value	Status
X	Source Level (SrcLev=0), dB re 1 uPa @ 1 m	186,44	OK
X	Frequency Range, kHz	18-34	OK
X	Power consumption Rx Mode, W	1,30	OK
X	Power consumption Tx Mode, W	55,30	OK
☐	Power consumption WakeUp Idle Mode, mW		
☐	Power consumption WakeUp Active Mode, mW		
X	Data Transmission, kbps	13,9	OK
X	Vacuum test, bar	-0,8	OK
X	Pressure test, bar	20	OK
☐	Boot time (wake-up module), ms		
X	Noise level, dB	-103	OK

Connector Configuration

Data/Power Eth

Description	PIN	Description	PIN
TxD+OUT	1		
TxD-OUT	2		
RxD+IN	3		
RxD-IN	4		
V+ (24V)	5		
V- (Power_GND)	6		
POWER ON	7		
NC	8		

Subconn FCR1508M	not installed

Signed by   Sergey Yakovlev

Company Stamp