



TPF Record
N:\Production Test\Assembly\Beacon\Complete\151221003.tpf
Last saved: 2016.02.08 17:51:10 UTC
TPP 3.52.1556

Product model MOD-125-2

Customer GENE MASSION
UNMANNED UNDERWATER VEHICLE

Units

Unit 1:

CTN (Serial Number) 688832A
Requested VHF frequency 160.12000 MHz (crystal controlled)
Measured VHF frequency @ 25C 160.12210 MHz
Firmware version SECO1507 MK-11/12 2015.04.15
Parameter timestamp 2016.02.08 17:50:45 UTC

Predeployment

Season duration 1 Hour

VHF transmitter

Transmit power High
Pulse width 15 ms
Frequency range Autotune 160 - 175 MHz
Antenna length Short

***** Note: This model can be tuned for either a standard or short antenna.

VHF schedule Always on
Pulse period:
Standard 2000 ms (30 BPM)

Sensor options

Activity Not purchased
Temperature Not purchased
Mortality Not purchased
Datalog Not purchased

Activity Disabled

Temperature Disabled

Mortality Disabled

Time since event Not purchased

Simulator

VHF Beacon transmissions during on periods:

***** Warning: This information provides only an overview of VHF activity during on periods.
For a complete listing of the operational parameters and the duty-cycle schedule,
refer to the entire TPF file.

***** Warning: The estimated operational life is not the same as the warranty period.
See the Telonics website for detailed warranty information.

Standard mode:
Pulse period 2000 ms (30 BPM)
Duty cycle Always on

Battery date	2016.01.01
Deployment date	2016.02.01
Average environment temperature	0 degrees C
Expected VHF mode	Standard
Simulation results:	
Battery end of life	2017.05.04 (1 Year + 92 Days)
Consumption by VHF Pulses	93.1%
Consumption by Other Components	6.9%
Conservative end of life	2017.02.08 (1 Year + 7 Days)
Datalog usage at end of life	0%
Minimum operating temperature	-40 degrees C
Maximum operating temperature	70 degrees C

Notes

VHF SCHEDULE	ALWAYS ON
ACTIVE PULSE RATE	30 BPM

Number of errors	0
Number of warnings	2