



TPF Record
N:\Working\CTN_Data\Transmit\2014\141201004\SPR\101203009_2.tpf
Last saved: 2014.12.05 19:55:43 UTC
TPP 3.35.1487

Product model..... TAE-4310

Customer..... MBARI

Hardware

Low-voltage threshold 3.00 volts

Passivation prevention Enabled

***** Warning: Preventing passivation will reduce shelf life by about 4% a year, even if the unit is shutdown with a magnet.

Units

Unit 1:

CTN (Serial Number) 650919B
Decimal Argos ID 144871
Hex Argos ID D73D279 (root ID = 13775, extension & protection = 121)
Actual repetition period 60 seconds
Assigned repetition period range 60 seconds +/- 10%
Argos frequency 401.630 MHz
VHF frequency VHF is disabled
Firmware version SECO1288 uGPSI-20 2011.05.27
Parameter timestamp 2014.12.05 19:54:01 UTC

Unit 2:

CTN (Serial Number) 650920B
Decimal Argos ID 144872
Hex Argos ID D73D28B (root ID = 13775, extension & protection = 139)
Actual repetition period 61 seconds
Assigned repetition period range 60 seconds +/- 10%
Argos frequency 401.630 MHz
VHF frequency VHF is disabled
Firmware version SECO1288 uGPSI-20 2011.05.27
Parameter timestamp 2014.12.05 19:54:38 UTC

Unit 3:

CTN (Serial Number) 650921B
Decimal Argos ID 144873
Hex Argos ID D73D298 (root ID = 13775, extension & protection = 152)
Actual repetition period 62 seconds
Assigned repetition period range 60 seconds +/- 10%
Argos frequency 401.630 MHz
VHF frequency VHF is disabled
Firmware version SECO1288 uGPSI-20 2011.05.27
Parameter timestamp 2014.12.05 19:55:10 UTC

Predeployment..... Disabled

Underwater

Dive qualification period 5 seconds

Haul-out time Disabled

Saltwater failsafe time Disabled

Underwater schedule..... Disabled

Activity/Mortality

Activity:
Directions 1, 2, & 3
Classification interval 1 second
Mortality Not supported

Activity schedule Disabled

Temperature schedule:

Season 1:
Start date 2000.01.01 (Saturday)
End date 2100.01.01 (Friday)
Offset 0
Update period 1 Minute

Argos

Transmit power 500 mW
Minimum transmit temperature -40 degrees C
Argos message fields:
Elapsed time (repeat count = 2) Bits 1-48 (48 bits); Elapsed time up to 194 days with 1-second steps (24 bits)
Low-voltage flag Bit 49; 0 = voltage is okay, 1 = voltage is low
Last temperature Bits 50-56 (7 bits); -40 through 70 degrees C with 1-degree steps (7 bits)

***** Warning: The Argos message does not include error detection. Error detection helps you identify Argos messages not properly received by a satellite. See the Argos-section help for guidelines on when you should include error detection.

Argos schedule:

Season 1:
Start date 2000.01.01 (Saturday)
End date 2100.01.01 (Friday)
Duty cycle Always on

Argos satellites

Two-line elements for Argos satellites:
(none)

VHF transmitter Disabled

VHF schedule VHF is disabled

Simulator

Battery date 2011.01.01
Deployment date 2011.02.01
Average environment temperature 0 degrees C
Expected percentage of time underwater 0%
Simulation results:
Battery end of life 2011.02.23 (22 Days + 4 Hours)
Consumption by Argos Transmissions 98.5%
Consumption by VHF Beacon 0.0%
Consumption by Other Components 1.5%
Conservative end of life 2011.02.18 (17 Days + 5 Hours)
Datalog usage at end of life 1%

Minimum operating temperature.....-40 degrees C
Maximum operating temperature.....70 degrees C
Satellite pass simulation..... Disabled

Notes

(none)

Number of errors 0
Number of warnings 2