



TPF Record
N:\Working\CTN_Data\Transmit\2017\171122002\SPR\171122002.tpf
Last saved: 2018.01.19 17:43:18 UTC
TPP 3.75.1650

Product model..... TAM-4310-3

Customer..... Sean Patrick Whelan
Oceanography

Units

Unit 1:

CTN (Serial Number) 701359A
Decimal Argos ID 173746
Hex Argos ID 2C3F826 (root ID = 2831, extension & protection = 38)
Actual repetition period 60 seconds
Assigned repetition period range 60 seconds +/- 10%
Predeployment repetition period 60 seconds
Argos frequency 401.634 MHz
VHF frequency 160.78500 MHz
Firmware version SECO1616 uGPSI-23 2017.03.14
Parameter timestamp 2018.01.19 17:43:13 UTC

Predeployment and start-up options

Predeployment:

Season duration 4 hours
Update period 1 hour
Predeploy after reboot No

Deployment start-up Start immediately after predeployment

Underwater

Detection sensitivity Saltwater (default)
Dive qualification period 5 seconds
Haul-out time Disabled
Saltwater failsafe time Disabled
When underwater:
VHF beacon Suppressed
Duration limits for dive counters:
(none)

Underwater schedule..... Disabled

Activity/Mortality..... Disabled

Activity schedule..... Activity monitoring is disabled

Temperature schedule..... Disabled

Argos

Transmit power 500 mW
Minimum transmit temperature -40 degrees C
Transmission limit None
Argos message fields:
(None selected) Short message filled with 0s

Argos schedule:

Season 1:
Start date 2017.01.01 (Sunday)
End date 2100.01.01 (Friday)
Duty cycle Always on

Argos satellites

Two-line elements for Argos satellites:
(none)

VHF transmitter

Transmit power Medium
Pulse width 15 ms
Pulse period:
Regular mode 1000 ms (60 BPM)

VHF schedule:

Season 1:
Start date 2017.01.01 (Sunday)
End date 2100.01.01 (Friday)
Duty cycle Always on

Simulator

Battery date 2017.12.15
Deployment date 2018.01.15
Collar release date None
Average environment temperature 0 degrees C
Expected percentage of time underwater 0%
Simulation results:
Battery end of life 2018.02.17 (33 Days)
Consumption by Argos Transmissions 92.9%
Consumption by VHF Beacon 6.5%
Consumption by Other Components 0.7%
Conservative end of life 2018.02.11 (26 Days + 16 Hours)
Datalog usage at end of life 0%
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 0