

SV3-110: SV3 Pre-Launch Checklist

Status Checklist Config Operate Setup Help

Readme

SV3 Pre-Launch Checklist

Date	2023-07-31T20:52:02.803Z	Glider Name	SV3-466563798 (SV3-110)
Tech(s)	cwahl	Organization	MBARI
Project	MBTS/PIE	Ship/Op Area	Paragon MB

Software Information

Regulus Version	SV3-110, sn=466563798, Running Regulus 3.2.2, software version of 2019-12-03T23:58:34Z, production build 35, sv3, SOMDM3730-30-1880AKIR-A, (1.2.3) secure
Plugins	Running: AirmarWeather, GPSasRudderCompass, LogAlarmReporter, PortForwarder, RudderParametersManager, ThrudderDiagnosticsFixer, ThrusterAdjuster

Communication

Item/Procedure	Readings	Comments	Initials
WiFi Connection	Wifi is On		☒
Virtual Relay	0 queued msgs state=WAITING, sent=0, received=0, powerState=OFF (3h9m41.283s), virtualDevice=true, powerThreadActive=false (no internet connectivity)		☒
WGMS Iridium	IMEI:300434060354880, starts=1, r=13, w=319, sessionAttempts=375, sessionErrs=48, wErrs=0, rErrs=0, cErrs=0, 10m ss avg=4.9 (i=5), 1 queued msgs state=TALKING, sent=319, lastTx=5.283s, avgTxSize=115.2B, totalTx=38.349kB, received=13, lastRx=5m19.457s, avgRxSize=38.9B, totalRx=0.505kB, powerState=ON (3h9m16.791s), virtualDevice=true, Requested by: iridiumModem, powerThreadActive=false		☒
Vehicle telemetry received	available channels=[tcpChannel, virtualRelay, iridiumModem]694 blocked messages, totalMessagesDiscarded=2, averageMessageQueueRate=15.405s, sent=319, totalBytesSent=38.349kB, received=13, totalBytesReceived=0.505kB, lastRx=5m19.522s, ProtobufMessageHandler[header=BB,header=BC,active=true, #accepted=0, #handled=0],ProtobufMessageHandler[header=BB,header=BC,active=true, #accepted=0, #handled=0],secureComms[header=A9,active=true, #accepted=0, #handled=0],WGMSCommandHandler[header=0A,active=true, #accepted=13, #handled=13, lastRx=rx=2023-07-		☒
Location	Using GPSUblox, declination=12.666151, failoverCounter=1, timeLastSwitchedGps=2023-07-31T17:44:33Z, clockDt=4.963s		☒
Tracker telemetry received	Battery (Volts) Report Rate	16 volts 4 hours	☒

Configuration

Item/Procedure	Readings	Specifications	Comments	Initials
Tracker WGMS name	Tiny Tracker			☒
(Optional) Second Tracker Name				☐
Drybox WGMS name	SV3-110 Hansen replacement			☒
Float name	Tiny replacement			☒
Glider name				☐
Umbilical Length	4m			☒
G1	Ecopuck			☒
G2				☐
G3				☐
T1				☐
D1				☐
S1	Hotspot 3 with MF DAT			☒
S2	GPCTD plus DO			☒
S3	pCO2 plus pH			☒
S4	Airmar			☒
Event definitions		Compare against standard list		☒
Vehicle and tracker op area defined		Note area name(s) and enable alarms		☒
Escalation list created/populated				☒

Vehicle Status

Item/Procedure	Readings	Comments	Initials
Battery [Wh] > 700 Wh	911.145		☒

Mechanical Checks

Vehicle Functionality

Vehicle Communication and Telemetry

General Comments

2/3

Technician Signature:

- Note: Once vehicle is launched the following tasks must be completed
- 1. Clear alarms
 - 2. Log vehicle modifications in notebook
 - 3. Vehicle on mission
 - 4. Create *LAUNCHED* comment into WGMS
 - 5. Upload photos to gallery website with album name: *YYYY-MM-DD VehicleName*

Submit

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Clear User Input