

	723.038	//		
Solar Power Indicators: > 0	33.032	//		
	0.0	//		
	30.259	//		
	41.288	//		☒

Item/Procedure	Readings					
Domain Info	AMPS Hardware Status	Temperature (°C)	Pressure (kPa)	Hardware Uptime	Comments	Initials
Domain_Name=Host, Node=1, HW_SerNum=0x3132471639323739002d0037 On=Y	OK //	26.6 //	118.2 //	Uptime: 0 days, 01:53:58 //		☒
Domain_Name=Thruder-2, Node=3, HW_SerNum=0x3333470738373634002c001c On=Y	OK //	18.0 //	139.8 //	Uptime: 0 days, 01:46:09 //		☒
Domain_Name=PyldInt-0x33335114373330300043001a, Node=5, HW_SerNum=0x33335114373330300043001a On=Y	OK //	20.7 //	115.3 //	Uptime: 0 days, 00:35:56 //		☒

Mechanical Checks

	Item/Procedure	Specifications	Comments	Initials
Float	Wet-mates connected/lubed	3M Silicone Lubricant Spray 3M ID No. 62-4678-4930-3		☒
	Connector covers secure			☒
	Drybox secure	Wiggle test		☒
	Contact info secure			☒
	Hull	Inspect, note condition		☒
	Skeg/Fin	Secure		☒
Sub	Hardware secure			☒
	Umbilical visual inspection	Free of voids/defects		☒
	Umbilical ribbon cable inspection			☒
	Roll pins inserted	Flush with surface		☒
	Wings	Hardware secure with Loctite, lock nuts, and seizing wire		☒
	Thruder	Hardware secure		☒

Vehicle Functionality

Item/Procedure	Readings	Specifications	Comments	Initials
Thruster Spin	445.0 //	Spins freely, slow and fast speeds		☒
Rudder Range of Motion		Rudder moves freely and smoothly		☒
Rudder right, left, center	Rudder(2022-06-02T21:02:14.245Z,desiredHeading=270,compass=25.2,rack=-12.9,post=-15.3rudderStat	Right, Left, Center		☒
Thruder Compass Correction	Thruder compass is corrected //	recommended NOT corrected	LR says that this is okay	☒
Fixed heading test (spin)	180 //	Avoidance Off, Note Heading Used		☒
Waypoint course test (spin)	41 //	Avoidance Off, Note Waypoint Course Used		☒
Buoy Release Mechanism	device is disarmed, deviceState=OFF, deployCounter=0, waitTime=1m30s, powerState=OFF (1h48m57.795s), ampsPower=false, powerThreadActive=false //	Catch release buoy by hand		☐
Octopus Cable 01	OK //	Must Pass		☒
Octopus Cable 02	OK //	Must Pass		☒
AIS Status	No AIS reports yet received //	If in harbor, must see MMSI	Just turned on, will confirm!	☐
Photo Document			Dirty, vehicle not cleaned after ECOHAB	☒

Vehicle Communication and Telemetry

Item/Procedure	Readings / Specifications	Comments	Initials
WX reporting	Temp=15.1°C, Press=1011.9mb, Wind Speed=6.88kn, Wind Dir=232.1°. Heading=21.0° //		☒
UBLOX GPS	2022-06-02T21:02:25Z@36.802334,-121.7871565,lastRx=0.237s, quality=100, timeout=1m, nmeaValid=true, clockDt=3.032s, lastValidFix=2022-06-02T21:02:25Z@36.802334,-121.7871565, gpsWatchdogFailureCounter=0, ggaQCount:2=300,numSat:sma=10.07,std=0.51,min=9.00,max=11.00,n=300,hdp:sma=0.99,std=0.08,min=0.93,max=1.10,n=300,altitude:sma=0.26,std=1.51,min=-2.30,max=3.40, //		☒
Airmar GPS	2022-06-02T21:02:24.900Z@36.802375,-121.7871633,lastRx=0.368s, quality=80, timeout=5m, nmeaValid=true, clockDt=2.903s, lastValidFix=2022-06-02T21:02:24.900Z@36.802375,-121.7871633, gpsWatchdogFailureCounter=0, ggaQCount:2=300,numSat:sma=10.00,std=0.00,min=10.00,max=10.00,n=300,hdp:sma=1.00,std=0.00,min=1.00,max=1.00,n=300,altitude:sma=3.23,std=0.46,min=-2.80,max=4.50, //		☒
Torpedo GPS	Not Available! //		☒
Water speed readings	Unknown speed; ncc=0, nci=0, tec=0, aip=0.00 //		☒
Obstacle Avoidance Status	Disabled //	Will enable and confirm!	☐
Check alarms	"Out of bounds" red. All yellow/green		☒

General Comments

YAY!!!

Technician Signature: cwahl

- 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

Print

Clear User Input