<u>Date</u> 3/21/2018 <u>Configuration/Changes</u>	<u>Notes</u>
O2 day tank in sub, 4 DSPL lights rear camera, forward camera, BV450  Basic Net Bouyancy sonar Pan and Tilt drop camera. No drop wieghts, no Lioh cannisters no external Phins or 2/G	Sub very aft heavy >20 deg tilt
700 Fresh Water 500	00# of lead bricks on skids 200# of sausages on on forward cross brace
3/22/2018 623 Adjust for removal of wood thruster spacer blocks each 9.5"x9.5"x23.75" Est in water bouyancy 38.5# each	stimated by floating in Marina fresh water
	ests of fresh water net wieght of external bricks and sausages
3/23/2018 955 Added 390# of foam to rear top	
3/26/2018 885 Install 5 LiOH Ammo boxes in rear at 14# each	
3/26/2018 875 Tool Bag, dome barcket and towel	
	Souyancy determined during dive
7/27/2018 Installed 640# foam in the aft	
5/6/2018 Replaced 500m foam with 4,000m foam Be:	Best wieght 1150lbs
	temoved Bouyancy Foam temoved 3 epods and tpods (35lbs net each)
	Removed 4 thrusters (mfg - 27 lbs each
	ternoved 4 tirrusters (mig - 27 ibs each temoved aft fairing - Assumed wieght
	temoved art fairing - Assumed wieght temoved Fwd fairings - Assumed wieght
	temoved cables, Blueview sonar
	temoved scubaphone, 5 ammo boxes and lead
Rei	temoved pilot
	Net Change
	off still too heavy
	ub manageable with several divers
	30# of foam, new high pressure pods- on dive was off by approximately 200#
	Platform had 3 ingots and 4 drop wieghts for total of 302 lbs all sausage floats submerged assumed
	ouoyancy of 500lbs each at 40% compression = 1200lbs-300lbs on deck. Platform 900+lbs too heavy
	vithout dome dolly on deck
	Prior dive was 59# light and required 2 bricks after launch. Therefore new target should be 1224
	Could not get below 200m without thrust
	Good negative bouyancy - approx. 50# negative at 3,500m+ if 2 drop wts were not dropped
4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	Good payload wieght with 8 drop wieghts installed
	Will oil fill stbd when oil arrives. Stbd side compensated with lead to match port sphere weight.
	itan within 15 lbs neutrally buoyant with payload at 1326. Aft farings installed. Includes drop wts
	On buoyancy test weight was configured as 300 lbs sausage internal of sub, 14 ingots installed on
	anding gear, 4 drop weights on port and 4 on stbd. Port sphere filled with 46lbs of oil. Stbd sphere
	compensated with 50 lb sausage. On the dive 3 blue bags were put on thruster mount. removing one
	f the blue bags would make sub positive and replacing it would make sub negative. Ideal payload will
	e around 1100 (1396) for shallow to mid depth dive.
	Souyancy test Little Harbour. Empty VBT wieght.
5/14/2020 <b>1415</b>	

No part of a report of a marine casualty investigation shall be admissible as evidence in any civil or administrative proceeding, other than an administrative proceeding initiated by the United States. 46 U.S.C. §6308.

**Date Carried out** Technician Carry out a full set of pre- dive checks Inspect upper hatch mechanism Inspect hatch handles Clean and inspect viewports Inspect superstructure Inspect visible hull surface Cycle blow and vent valves Test main and 24V batteries Inspect Manzanita and 24V house battery chargers Charge PS3 Controllers Inspect skids Inspect hatch Inspect drop weight Inspect 150V batteries Inspect 24V House batteries Charge main 150V batteries Charge 24V house batteries Overnight HPA leak test Overnight O2 leak test Overnight battery test Inspect HPA system and leak test Inspect O2 system and leak test Inspect scrubber fans operational Test alarm system Inspect penetrator plates Calibrate gas monitoring equipment Check fire extinguisher operation Check oil level in Emergency drop system Inspect DVL Inspect thruster connectors Inspect sonar connectors Inspect hull electrical connections added 100# foam, filled second sphere, 2G laser 60# in water Inspect VHF Inspect UWT Inspect and test pressure relief valves on ballast tank Inspect all anodes Inspect oil filled cables Inspect and test Emergency supply to UWT Inspect and test Emergency supply to 24V house system Check viewport fastener torque settings Inspect superstructure bolts Inspect life support equipment condition and inventory Inspect and clean 150V batteries Inspect and clean 24V House batteries Remove all fairings Inspect thruster support brackets Inspect ballast tank Inspect and test pressure relief valves on ballast tank Inspect all welds Inspect cable runs Inspect hull coating Inspect all cathodic protection replace if <25% Inspect and test emergency drop weight Inspect external sphere condition Inspect all penetrators Remove all gauges and calibrate Remove and service all BIBS units Remove main viewport and inspect Inspect forward sealing face Replace viewport retaining gasket Remove all HPA cylinders 12/9/2018 Grease Dome dolly rollers Zerk fittings need to be changed and new caps installed. Iridium beacon batties changed and o-rings serviced

CG-052.1

Drop-weight mechnical release mechanism interfaces greased

Check CB VSWR

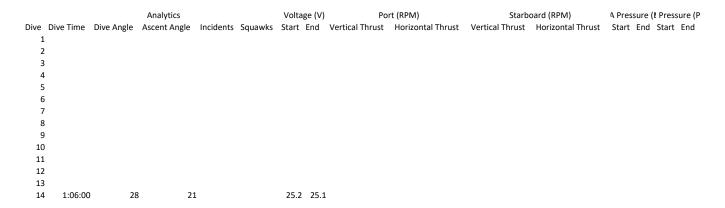
Date	ltem	Requested by	Date Required	Priority	CRB Req.	Status	Disposition	Made By/Assigned to	Inspected by
3/20/2018	Charger: ICTINEU ALT charger		5/1/2019	1	No	Open		52.55	
2/21/2018	Instructions: Complete operating manual	Stockton Rush	5/15/2019	2	No	Open	In progress		4/26/2021
7/19/2022	Look into getting check valves for control lines to platform		TBD	2	Yes	Open	1		.120 000
5/2/2019	Add laser scaler	Stockton Rush	5/21/2019	3	No	Open	4/26/21 - On hold until related to priorities		
5/2/2019	Smaller/shorter air lines for dome dolly	Stockton Rush	5/21/2019	3	No	Open	4/26/21 - On hold until related to priorities		
5/2/2019	Dome dolly protective case	Stockton Rush	5/21/2019	3	No	Open	4/26/21 - On hold until related to priorities		1
5/3/2019	Ability to flash lights	Stockton Rush	6/1/2019	3	No	Open	4/26/21 - On hold until related to priorities		
5/1/2021	Upper shelf where WIFI router is could use a 1 inch lip on it to hold bags in place	Stockton Rush	TBD	3	No	Open		8	
5/2/2019	Method to charge internal batteries with dome closed	Stockton Rush	5/21/2019	5	No	Open	4/26/21 - On hold until related to priorities	16	i e
3/13/2018	ATM: Interface		3/27/2018	0	3	Closed	Acceptable		12/1/2018
	DVL integration		3/27/2018	0	3	Closed	•		
2/21/2018	4K camera install	Stockton Rush	3/30/2018	0		Closed			
3/30/2018	Axis: white balance check		3/30/2018	0		Closed	Solution: Close and reboot.		Stockton Rush
3/20/2018	Drop weight camera		3/30/2018	0		Closed	Needs inspection		Stockton Rush
3/20/2018	Drop weight: add variable time for pilot to control	Stockton Rush	3/30/2018	0		Closed	300 ms default: needs inspection		Stockton Rush
3/30/2018	Order new j-box lid		3/30/2018	0		Closed	ood in actual. Incas inspection		
2/21/2018	ATM: Automatic position and status tx	Stockton Rush	4/4/2018	0		Closed			Stockton Rush
3/26/2018	Increase vaccum tube to rear shell not insert	Stockton Rush	4/4/2018	0		Closed		Stockton Rush	Stockton Rush
3/26/2018	Need strain relief or cable attach support for monitor wires	Stockton Rush	4/4/2018	0		Closed		Stockton Rush	
							Norder by several 2: france street	Stockton Rush	Charleton Durch
2/21/2018	Platform: outriggers	Stockton Rush	4/4/2018	0		Closed	Need to be moved 2+ feet to stern		Stockton Rush
2/21/2018	Platform: Lifting Beams, added 100# foam, filled second sphere, 2G laser 60# in water		4/6/2018	0		Closed	PO complete. With Ryan. Ordered		
3/30/2018	RTM: top board re-mount		4/6/2018	0		Closed			Stockton Rush
4/4/2018	VBT: tubing for stiffness	Stockton Rush	4/6/2018	0		Closed		Stockton Rush	
4/5/2018	Axis: top camera focal length	8	4/7/2018	0		Closed	Currently too short		Stockton Rush
4/2/2018	Dome: drill w/clutch for bolts & actuator		4/9/2018	0		Closed			Stockton Rush
3/30/2018	Camera: (4K) mounting adapter	Stockton Rush	4/10/2018	0		Closed			Stockton Rush
4/8/2018	Internal: tab for constraining back monitor	14 15	4/10/2018	0	4	Closed			Stockton Rush
4/4/2018	Platform: sonar guide posts	Stockton Rush	4/10/2018	0		Closed			Stockton Rush
4/5/2018	Thrusters: swap oil to carnation		4/10/2018	0	3	Closed			Stockton Rush
3/20/2018	Drain hole in thrusters to let water drain from verticals	Stockton Rush	4/13/2018	0	3	Closed			Stockton Rush
6/5/2018	Install new drop weight actuator		7/20/2018	0		Closed	installed		
7/15/2018	Install new thruster pods		7/20/2018	0		Closed	Installed		
7/15/2018	Installed new saddle mounts for new thruster pods	1.0	7/20/2018	0	4	Closed	Insalled		
7/28/2018	Installed 630# of syntactic foam to aft	Stockton Rush	7/29/2018	0	3 3	Closed	Installed and secured with all thread		
2/21/2018	Activate/fix RTM system	Stockton Rush	3/9/2018	1	5	Closed	instance and secured man an encod		-
2/27/2018		Stockton Rush		1		Closed		-	Stackton Duch
	Battery level for pilot		3/9/2018				T	_	Stockton Rush
2/27/2018	Change stbd tpod battery control pwr supply		3/9/2018	1		Closed	To match port side.		
2/21/2018	Drop weight mechanism fully install	Stockton Rush	3/9/2018	1		Closed			Stockton Rush
2/21/2018	Emergency O2 Mask manifold	Stockton Rush	3/9/2018	1		Closed		Stockton Rush	Stockton Rush
2/23/2018	Hand Hydraulic pump install		3/9/2018	1		Closed			Stockton Rush
2/27/2018	ICTINEU rack partition wall		3/9/2018	1		Closed	Trim it to make room for connecting.		
2/21/2018	Install backup camera	Stockton Rush	3/9/2018	1		Closed			
2/23/2018	Install cage gussets		3/9/2018	1		Closed			
2/21/2018	Install DVL	Stockton Rush	3/9/2018	1		Closed	21. 41 B. 2000220 - 200020		
2/21/2018	Install guide pins	Stockton Rush	3/9/2018	1		Closed	two pins installed with locktight		Stockton Rush
2/21/2018	Install Lights	Stockton Rush	3/9/2018	1		Closed			Stockton Rush
2/23/2018	Install more anodes/fix current installation		3/9/2018	1	1	Closed			
2/27/2018	Install new or repaired VBT bladder		3/9/2018	1		Closed			Stockton Rush
2/21/2018	Install platform landing tubs	Stockton Rush	3/9/2018	1		Closed			1
2/21/2018	Install vacuum valve safety stop/lock	Stockton Rush	3/9/2018	1	4	Closed	Spring loaded locking collar installed		Stockton Rush
2/21/2018	Jbox leak fix and new cables	Stockton Rush	3/9/2018	1		Closed	-	Stockton Rush	Stockton Rush
2/27/2018	Laminated Platform checklist(s)	Stockton Rush	3/9/2018	1		Closed		Stockton Rush	
2/27/2018	Laminated Titan Internal checklist(s)	Stockton Rush	3/9/2018	1	1	Closed		Stockton Rush	
2/21/2018		Stockton Rush	3/9/2018	1	5 5	Closed	All moved to Fwd sections-testing for final		
3/7/2018	ScubaPhone to JBox		3/9/2018	1		Closed	9 191 11118		
2/21/2018	Variable thruster speed control	Stockton Rush	3/9/2018	1		Closed	Software completed ready for test		Stockton Rush
2/23/2018	Weld skid channels to platform	Tackton Rusin	3/9/2018	1		Closed			Tochton Augn
3/13/2018	Guide pins: rework	Stockton Rush	3/13/2018	1		Closed		Stockton Rush	
3/14/2018	Sub phone inside hookup	CLUCKON NUMBER	3/13/2018	1		Closed		- John Majii	
3/14/2018	рав рионе изис поокар		3/14/2018	1		Ciosea			

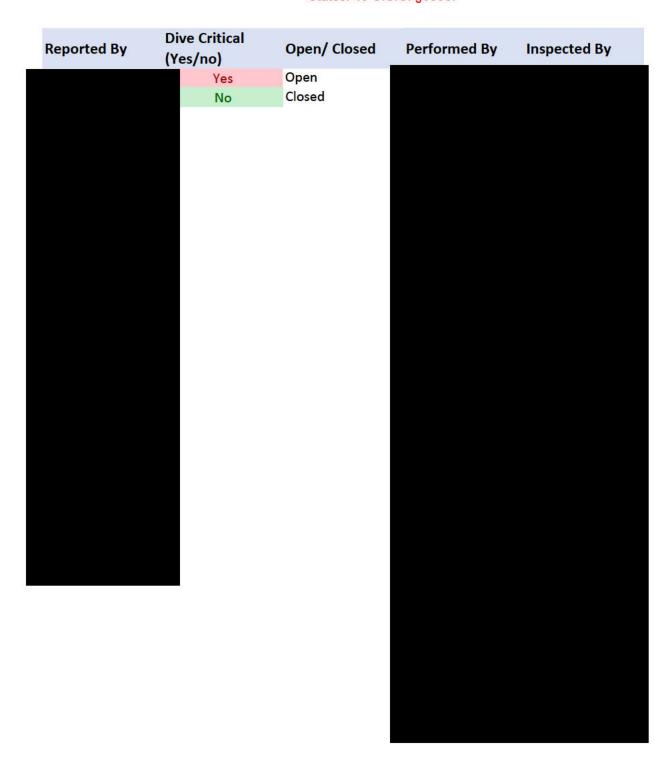
1 10 10 1			12 00 00 T			7	<u>,                                    </u>		
	4th axis camera: cable build		3/20/2018	1		Closed			
	4th axis camera: housing wiring		3/20/2018	1		Closed			
	Install 10,000 psi HPA tank	Stockton Rush	3/20/2018	1		Closed	Company Cross		
4/22/2018	Add Foam Bouyancy Blocks	Stockton Rush	3/23/2018	1		Closed	390# added to upper rear		Stockton Rush
3/20/2018	Aft camera rotate & expand hole size	Stockton Rush	3/23/2018	1		Closed	- About		Stockton Rush
3/13/2018	Install tracklink transponder	Stockton Rush	3/25/2018	1		Closed			
3/20/2018	DVR/USB extensions		3/26/2018	1		Closed		20.5	
2/27/2018	T-pod for testing	57	3/26/2018	1		Closed	March 13th test		
3/20/2018	Auto load scripts		3/27/2018	1	14	Closed			Stockton Rush
3/30/2018	ATM default off		3/30/2018	1	4	Closed		S	
2/21/2018	New dome removal dolly and tools	Stockton Rush	3/30/2018	1	1	Closed			
3/26/2018	Bumper or other protection for tanks on platform	Stockton Rush	4/4/2018	1		Closed			Stockton Rush
4/4/2018	Communications: Iridium beacon: setup		4/6/2018	1		Closed			Stockton Rush
	J-Box: spare plastic lid	Stockton Rush	4/6/2018	1		Closed	Build for current box		
4/5/2018	J-Box: wire for 2G y-plice cable		4/6/2018	1		Closed			
_	Camera: 4k check		4/7/2018	1		Closed	(SubC) Camera picture is pixelated		Stockton Rush
	RTM: Pilot Display	Stockton Rush	4/7/2018	1		Closed	Installed		Stockton Rush
	Thrusters: Pressure Comp	Stockton Rush	4/7/2018	1		Closed	Stbd Vertical only till all Carnation filled	Stockton Rush	Stockton Rush
	Communications: Iridium phone	Stockton Rush	4/9/2018	1		Closed	Purchased	OCOCINCOTT HUSE	oto extorr reason
	Drop weight: SS hydraulic cylinder parts	otockton nasn	4/10/2018	1		Closed	T di Citoscu		
	Reconfigure j-box location		4/10/2018	1		Closed		_	Stockton Rush
	Platform: antiskid	Stockton Rush	4/11/2018	1		Closed			Otocaton rash
	Sub: order external GPS	Stockton Rush	4/11/2018	1		Closed			
	Sub: soften skid edges	Stockton Rush	4/11/2018	1		Closed			Stockton Rush
	Testing: stainless steel t-pod option	Stockton Rush	4/18/2018	1		Closed	Thicker aluminium better choice		otoekton nasn
	Communications: Install CB Antenna	Stockton Rush	5/1/2018	1	-	Closed	Thicker didnimidin better choice	_	_
	Sub: Pan & Tilt and sonar install	Stockton Rush	5/15/2018	1	No	Closed	P&T installed on Titan and new mounting bracket installed	_	4/26/2021
	need to add around 50-100lbs of foam to aft in test config	Stockton Rush	6/8/2018	1	140	Closed	installed 102lbs buoyancy to aft		4/20/2021
	need to add around 30 100/05 or rount to art in test cornig need to add handle around landing gear vert leg for diver in test config.	-	6/8/2018	1		Closed	installed	_	<del> </del>
6/5/2018	need to add nariale around landing gear vertileg for diver in test comig.		6/8/2018	1	5	Closed	mockup installed		- 12 B
	VBT: Timing/level adjustment/indicator and pilot feedback	Stockton Rush	4/8/2019	1	No	Closed	Installed		
	Need tail brace for aft cage in transit and with people on sub	Stockton Rush	4/10/2019	1	No	Closed	Wood support made		
4/9/2019	Need removable brace for sonar in transit	Stockton Rush	4/10/2019	1	No	Closed	Bracket made		Stockton Rush
4/3/2013	Need to eliminate J-Box as signal point of failure for all comms and data	Stockton Rusii	4/10/2019		NO	Closed	Currenly have single J-box (birns) where all comms data goes	di Sa	Stockton Rush
	need to eliminate 3-box as signal point of failure for all comms and data						through. However the Birns box has been completely redesign to be	<u> </u>	
4/17/2019		Stockton Rush	5/15/2019	1	Yes	Closed	more robust so it should not flood on a regular basis like the old box		4/26/2021
							more robust so it should not flood on a regular basis like the old box		
	Manual despit for AF and disability (dags become second-sect	-	3				Many changes completed to improve AE and Strain and have the		4
5/3/2019	Need depth for AE and display (data logger complete)	Stockton Rush	5/16/2019	1	Yes	Closed			4/26/2021
- SEMERONE OF		The state of the s	Co.		(75000)		corresponding depth added to the data plots		Control Control
4/17/2019	Need procedure for inspection/ lube and/or new bolts for each dome opening	Stockton Rush	5/20/2019	1	Yes	Closed	Put on check ops checklist for opening and closing dome		
	to insure against gaulling etc	THE RESERVE OF THE PARTY OF THE	MITO SOCIAL CONTROL OF		217933				
	Need plan for cutting nut or bolt if nuts siezes	Stockton Rush	5/20/2019	1	No	Closed			. In a lange
5/2/2019	Need topside USBL system	Stockton Rush	5/21/2019	1	No	Closed	Aquired loaner tracking system from Sonardyne for Titanic		4/26/2021

-		2	17		-			0	
	Complete overhaul and rebuild of Titan including						Work completed and ready for initial testing to return to service		
	- Completely new and redesigned interior						500		
	- New drop weight actuator boxes								
	- New VBT actuator box						Top level assembly for all the changes and the current state of Titan		
	- New carbon fiber hull						can be found in OceanGate's Onshape repository - ASM-0000621		
	- Rework on both Ti segments						TITAN TOP LEVEL		
	- Complete redesign of tail mounting and arrangement-Frame members						THAN FOR ELVEE		
	remained the same but everything else changed								
	- Redesigned mast								
	- Redesigned Birns Box								
	- Redesigned low voltage junction box								
	- Redesigned axis camera junction box								
	- Replaced or rebuilt 90% of the electrical cables								
	- Replaced high pressure air tank with larger HPA tank		***						
4/26/2021	- Made new mounting for HPA tank, batteries & all junction boxes	Stockton Rush	4/26/2021	1	No	Closed			4/26/2021
	- Replace fwd and aft horizontal frame beams with new carbon fiber beams								
	를 하게 하셨습니다. 그 10kg 이번 이 전 10kg 이 10kg 10kg								
	- Replaced home made comp with two Oceaneering comps								
	- Added lifting lugs to Ti Segments								
	- Made new lifting lugs for mounting on ears and holding tail mouts etc							1	
	- Made new Tripple Penetrator and added an additional multiport penetrator							I	
	- Made new bracket for DVL mounting								
	- Made new toprail on tail and added stiffener to eliminate the trail drooping							1	
	- Made new brackets for Compass, Tracking XDR, P&T,4k camera, Axis cameras								
1	and Strobe								
1	- Designed and installed dropping leg mechanism including subsea cylinders								
1	- Designed new cylinders for drop weight mechanism								
	- Designed new HPA distribution panel								
	The state of the s								
	- Made several design changes to drop weight belt system to improve feeding								
7/12/2022	Add Syntactic foam blocks		7/12/2022	1	No	Closed	Added Foam blocks		
2/23/2018	2G mount		3/9/2018	2		Closed	0		
2/21/2018	Bring Phins online	Stockton Rush	3/9/2018	2		Closed			
2/21/2018	Install day O2 tank mount	Stockton Rush	3/20/2018	2		Closed			Stockton Rush
5/2/2019	ATM: change to DD dec minutes		4/7/2018	2	No	Closed	Leave as is - Per Stockton we will use DD dec min		4/26/2021
	ATM: unit settings		4/7/2018	2		Closed			
4/2/2018	Dome: install dome strain guages		4/8/2018	2	1	Closed	Completed then failed and removed		
DECEMBER OF STREET	Control: P3 controller ranges need modification - final zone 10% or less, initial	av sees voorbeen	programment of the	191		1000 000	Done	e version	i di ancioni di anciona
3/15/2018	deadzone smaller, add intermediate zone with extra "space"	Stockton Rush	4/10/2018	2		Closed	bone		3/12/2019
2/12/2010		Stockton Rush	4/10/2018	2	3 8	Closed			
_	1 button computer boot-up								
	Cut aft camera housing for increased field of view	Stockton Rush	4/10/2018	2		Closed			Stockton Rush
STREET, SQUARE, SQUARE	Handles for rear wall/screem	Stockton Rush	4/10/2018	2		Closed			Stockton Rush
	Install thru hull protectors in equipment bay	Stockton Rush	4/10/2018	2		Closed	7		Stockton Rush
2/21/2018	Move sub aft locking piece 1" aft	Stockton Rush	4/10/2018	2	8	Closed			
2/21/2018	Paint/coat hinge stops	Stockton Rush	4/10/2018	2	y 5	Closed	95778	90	Stockton Rush
3/20/2018	Dome: deck plate for platform		4/11/2018	2		Closed	Mounting needed. Need talk with		
4/2/2018	RTM: Strain program		4/18/2018	2		Closed	Logging program done		
4/8/2018	Control: small track-balls	Stockton Rush	5/1/2018	2	No	Closed	Replaced keyboards with built in roller balls		4/26/2021
4/5/2018	Instructions: ATM		5/1/2018	2		Closed			7-7
	video capturing: data plucking		5/1/2018	2	No	Closed			<del>                                     </del>
-	Instructions: Emergency Procedures Manual	Stockton Duch	5/1/2018	2	No	Closed		Stockton Duch	
		Stockton Rush		2	No	Closed		Stockton Rush	<b> </b>
4/2/2018	Sub: Pan & Tilt: molded cables/adapters	Charleton C. 1	5/1/2018		IVO		Description		
3/30/2018	Internal: Co2 sensor	Stockton Rush	5/1/2018	2		Closed	Done		
	Video capturing: file maker pro on Dora		5/1/2018	2		Closed	No sub related		لجييا
4/8/2018	Camera: SubC 4K software licensing issue		5/1/2018	2		Closed	dongle received		Stockton Rush
3/20/2018	Checklist: Emerg vbt test, Confirm blade locks secure	Stockton Rush	5/10/2018	2	No	Closed	VBT redesigned with new mtr box / j-box, string control spool and		4/26/2021
5/20/2010	Est Un	Stockton Rush	3/10/2010	-	INO.	Cioscu	mount	- 8	4/20/2021
3/30/2018	J-Box: spare (metal one)	Stockton Rush	5/15/2018	2	No	Closed	Replaced metal J-box with aluminum J-box that can be easily		4/26/2021
5/30/2018		Stockton Rush	5/15/2018	2	INO	Closed	repaired of any normal wear or damage		4/20/2021
	Pilot Interface updates: Larger fonts, vbt slider interface, boot up simplicity,			119	19975	20000001	Software updated as per Stockton's requests		The same of the sa
3/20/2018	compass rose on main screen	Stockton Rush	4/10/2019	2	No	Closed		1	4/26/2021
4/10/2019	Dome dampener is very slow		4/10/2019	2	No	Closed	Replaced with 3/8 line		Stockton Rush
	Need storage hooks or shelf for forward UHMW floor and support brace when	NAME OF THE PARTY	7		A THEOREM 2		Designed forward floor assembly and toilet. Floor is bolted into fwd		No. and the second
4/17/2019	entering and exiting sub	Stockton Rush	5/15/2019	2	No	Closed	dome. ASM-0001064 FWD FLOOR ASSEMBLY		4/26/2021
4/8/2018		Stockton Rush	5/15/2019	2	No	Closed			4/26/2021
_	Control: altitude, depth, and heading on main screen			_			Software updated as per Stockton's requests		4/20/2021
5/3/2019	Test microporse blankets for capacity	Stockton Rush	5/17/2019	2	No	Closed	Tested during 27 hr dive good capacity	L	6

5/2/2019	Move 4K camera to dome ring mount angled down 30-45deg	Stockton Rush	5/21/2019	2	No	Closed	Made mount for 4k camera that hangs off Titan's fwd segment lower ear. This enables the 4k camera to stay with the sub in case of		4/26/2021
55 56			22/62/3				dropping the legs - ASM-0000454	1/8	\$1 51
5/2/2019	10K charging kit/organized system	Stockton Rush	5/21/2019	2	No	Closed	Changed fittings and bolted haskel booster into pelican box		4/26/2021
2/26/2018	Charging: Make ship charging cable for Ictineu (Titanic kit)		6/10/2019	2	No	Closed	Made 150' ship charging with marineco pluggable ends on it. 4 conductor cable		4/26/2021
6/23/2022	Requested engraved signage from		7/25/2022	2	No	Closed		88	
2/23/2018	Increase font on pilot display		3/9/2018	3		Closed	Awaiting insptection	Sec.	Stockton Rush
2/21/2018	Install low power small screen in rear	Stockton Rush	4/10/2018	3	4	Closed	*	355	
3/7/2018	Sub: Final Fairing work		4/10/2018	3	4	Closed			39
4/8/2018	Camera: update SubC 4K software		5/1/2018	3	1	Closed	Done		Ú.
4/4/2018	Drop weight: make a spare	Stockton Rush	5/1/2018	3		Closed	Done		Ž.
3/30/2018	Instructions: (RTM) to remove data from computers & evaluate		12/1/2018	3	No	Closed	to write up proceedure		3
4/2/2018	2G: stiffen support arm & install		3/1/2019	3		Closed	New bracket 2G hanger bracket with increased stiffness - ASM- 0001154 2G LASER MOUNT ASSY		4/26/2021
5/3/2019	Increase O2 and CO2 capacity to 5 days	Stockton Rush	5/16/2019	3	No	Closed	No change to CO2 capacity at this time based on the redesign	J	4/26/2021
5/2/2019	Add 2 DSPL lights - rear and on P&T	Stockton Rush	5/21/2019	3	No	Closed	4/26/21 - On hold until related to priorities		4/26/2021
5/2/2019	4K image on network for tablets	Stockton Rush	5/21/2019	3		Closed	Per 4k software is single instance only so we can no port this		4/26/2021
3/2/2019	NOTE OF THE PROPERTY OF THE PR	Stockton Rush	3/21/2019	3		ciosed	live to the tables at this time		4/20/2021
5/2/2019	Make mount for internal forward floor for stoarge during opoening and closing	Stockton Rush	5/21/2019	3	No	Closed	Designed & installed new fwd floor and toilet can be used for storage		4/26/2021
3/11/2020	Replaced all Bennett Trim Tabs on Titan Platform		3/11/2020	3	No	Closed	New Bennett Trim tabs added		
2/24/2020	Stbd fwd LP tank fill valve has small blow by		CONTRACTOR OF	3	No	Closed	Inspect/Replace ball valve	100	
3/19/2018	Internal: Main battery level display/Easier call up	Stockton Rush	5/10/2018	4	No	Closed	LED readout for battery voltage added behind breaker panel door.  Easy for the pilot to look at		4/26/2021
3/19/2018	Internal: PS3 Battery level display for pilot	Stockton Rush	5/10/2018	4	No	Closed	Belly camera added to bottom near pointing at VBT		4/26/2021
3/19/2018	Internal: Lights on/off button that brings up with last power level	Stockton Rush	5/10/2018	4		Closed	Done		1/1/2019
3/13/2018	Sub: Install backup light for camera		5/10/2018	4		Closed	No needed as back scatter seems sufficient - check on further dives		Stockton Rush
3/18/2019	Need down cam or adjust aft cam to accommodate both		6/10/2019	4	Yes	Closed	Belly camera added to bottom near pointing at VBT		4/26/2021
	Locking mechinism move aft to fit Cyclops 1		2/13/2020		yes	Closed	locking mechanism moved		
STREET, SQUARE,	Serviced spare Tym Valve with new o ring		2/14/2020		No	Closed		8	
	Debris wedged in starboard forward Tym Valve during dunk test in marina		2/14/2020		No	Closed	Cleaned debris out of valve		
3/16/2019	Control spheres need to be filled (90%+_) with carnation oil	Stockton Rush	4/9/2018	1	No				
3/16/2019	Make restrining plate or other system for hydraulic drop wieght testing	Stockton Rush	4/10/2019	1	No				8
	Add floor to forward dome area (21" diameter HDPE at approx 3" will work)	Stockton Rush	4/11/2019	1	No				
3/16/2019	Sand and paint black wood brace for insert slipping prevention	Stockton Rush	4/11/2019	1	No				,
3/16/2019	Set default drop wieght time to 4200	Stockton Rush	4/10/2018	2	No				
10/4/2018	Create better VBT control	Stockton Rush	11/1/2018	2					
5/14/2018	Debris can block vent valves on platfrom		1/1/2019	2	yes				
10/31/2018	Need multiple Pan and tilt for sonar and camera	Stockton Rush	3/1/2019	2					
	Change background of aft screen of web page with cameras displayed to black								
3/16/2019	(from white) for reduced reflection on forward dome (poss. Add flip in shades to mechanically block light)	Stockton Rush	4/10/2019	2	No				
3/16/2019	Toilet bag holder/seat for forward dome area	Stockton Rush	4/11/2019	2	No				
3/16/2019	Make fabric partition screen for forward dome area/head	Stockton Rush	4/11/2019	2	No				
5/19/2018	Incident Report - dmagaed max tender			2	j ì				
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No part of a report of a marine casualty investigation shall be admissible as evidence in any civil or administrative proceeding, other than an administrative proceeding initiated by the United States. 46 U.S.C. §6308.





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