



# Pro 4 - In Water Test Drive, & Pressure Test

ROV Serial # \_\_\_\_\_

ICB Serial # \_\_\_\_\_

## IN WATER THRUSTER TEST & TEST DRIVE

Technician \_\_\_\_\_

Date \_\_\_\_\_

	Fail	Pass
ROV Ballasted Neutrally Buoyant in Fresh Water Test Tank		
Horizontal Thrusters run on Turbo for 2 minutes		
Vertical Thruster run on Turbo for 2 minutes		
Horizontal Thrust on Turbo - forward & reverse 10 times		
Horizontal Thrust on Turbo - right & left 10 times		
Vertical Thrust on Turbo - up & down 10 times		
Check 12V does not drop - Test drive w/ Lights, Vertical, & Horizontal Thrusters Full		
No thruster cogging in start-up mode, ROV responds quickly and drives well		

**PRESSURE/TEMP SENSOR FUNCTION**

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## COMPASS FUNCTION

N _____ 345 - 015	<table border="1"><tr><td></td><td></td></tr></table>			NE _____ 030 - 060	<table border="1"><tr><td></td><td></td></tr></table>		
E _____ 075 - 105	<table border="1"><tr><td></td><td></td></tr></table>			SE _____ 120 - 150	<table border="1"><tr><td></td><td></td></tr></table>		
S _____ 165 - 195	<table border="1"><tr><td></td><td></td></tr></table>			SW _____ 210 - 240	<table border="1"><tr><td></td><td></td></tr></table>		
W _____ 255 - 285	<table border="1"><tr><td></td><td></td></tr></table>			NW _____ 300 - 330	<table border="1"><tr><td></td><td></td></tr></table>		

**PRESSURE TEST** Technician \_\_\_\_\_

Date \_\_\_\_\_

Phase I Test for 45 minutes @ 300psi with all thruster running at 50% power		
Phase II Test - release all pressure and re-test for 15 minutes @ 300psi		
Check Cartridges after Pressure Test		
Inspect ROV for scratches and damage		

## NOTES

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