NAVIGATOR CLASS S. Companies must bring this check list, the ROV, tether, surface operation of the ROV; they will all be inspected as part of the sa any additional documentation needed to verify compliance must process.	afety check. In addition, the SID, technical documentation, an			
1.0 Initial Inspection Results	Cameras operate off the MATE 12VDC power			
0 to 10 points	supply through the single attachment point to			
Fluid Power appropriate for class (manual pumps	power source			
only) – see section 4.0.				
2.0 ROV Physical	All connectors utilized are properly type rated for			
All items attached to ROV are secure.	their application. AC only rated connectors not be			
Hazardous items are identified and protection	used for DC			
provided.				
ALL Propellers are completely shrouded or are	*Properly sealed means that the wires cannot be exposed			
enclosed inside the frame of the ROV.	to water. Tape only sealing will allow the conduction of			
No sharp edges or elements of ROV design that	electricity through water.			
could cause injury to personnel or damage to pool				
surface.	At minimum joints must be soldered, then sealed with			
3.0 ROV Electrical	silicone sealant and then finally taped. For in water			
Tether is properly secured at the ROV.	taping, silicone self-vulcanizing tape is preferred over			
No exposed motors.	thermoplastic tape. Cables with exposed male connections			
Brushless motors are considered exposed unless	on both ends are not allowed.			
electrically sealed after purchase. Companies	4.0 Progratic / Hydroulie (if applicable)			
should provide proof of sealing procedure.	4.0 Pneumatic / Hydraulic (if applicable) Pneumatic or hydraulic diagrams present?			
No exposed copper or bare wire.				
All wiring securely fastened and properly sealed*.	Hand or Foot pump only? Uses water or air only?			
Any splices in tether are properly sealed*.	No Pressure Accumulators?			
3.1 Surface Controls Electrical & Physical				
Single attachment point to power source.	Any container that air is being pumped into is vented to the pool with vent holes at least 1/4"			
Anderson Power Plugs for electrical attachment	(6.35mm) diameter?			
15 amp (or less) single inline fuse within 30cm of	(0.55mm) drameter?			
power supply attachment point.	5.0 Lasers			
Surface control station is built in a neat and	No Lasers Present – Not permitted in			
workmanship like manner. No Loose components	NAVIGATOR class			
or unsecured wires. All electrical components				
covered inside an enclosure.				
Tether is properly secured at the surface control.	INSPECTION #1 PASSED: 10			
No exposed copper or bare wire.	POINTS			
All wires entering and leaving the surface control	FAILED: Items to correct: (see rear of this sheet)			
station must have adequate strain relief and wire				
abrasion protection as the wires pass through the	INSPECTION #2 PASSED: 10 POINTS			
enclosure. Tape, zip ties, string and similar				
methods are not acceptable	FAILED: Items to correct: (see rear of this sheet)			
If used, 120VAC wiring is separated from the DC				
wiring (used for AC powered monitor).	INSPECTION #3 PASSED: 10			
If used, 120VAC wiring must be clearly identified	POINTS FAILED: Reason (see rear for details)			
from the DC and control voltages with signage				
and/or wire color schemes. If color schemes, key				
provided for identification	Total Safety Points			

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COMPANY NUMBER:____

Initial Inspection [0 to 10] ______.

On Site Inspection [0 to 10] ______.

Total Points [0 to 20] ______.

COMPANY NAME:

provided for identification.

Inspection #1: Item	s to address Judg	ge:		
Inspection #2: Item	s to address Judg	ge:		
Inspection #3: Reas	son Judge: _			
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