## SCOUT CLASS SCORE SHEET

Ocean Observing Systems

SCHOOL NAME and # AS IT APPEARS ON THE OFFICIAL LIST:		
Company CEO:	Mission attempt #:	
Mission station officials:		
Set-Up and Safety Check (up to 10 points total)  Company presents signed safety inspection sheet. (5 points vehicle and control system present no safety hazards. (uo All power cords are secured. Fuse and banana points control box is closed and secured from the water Motors are waterproofed and are protected inside No sharp objects that could injure a diver.  All pneumatics and hydraulics are hand powered vehicle is hand-launched by team members in a secured control of the control o	up to 5 points)  lolugs are not in puddle of water.  e the ROV.	
Mission official's notes:		
Company is safe and ready for the mission: (official's	s initials) points (out of 10)	
Note: An official's decision to disqualify a company due to s a safety concern, please contact the lead official or competiti		
<u>Fuses</u> If a vehicle blows the MATE power supply in-line fuse, the company is all the third MATE fuse, the mission performance period is over. The compartasks that they have completed up to that point but will not receive a time	any will receive points for the mission	
Mission Notes:		
This is a timed event. For mission task #1, companies must insta (SIA) into the backbone interface assembly (BIA) before inserting (CTA) into the bulkhead connector. The SIA and the four new sci the mission control shack. Companies may (but are not required the set up period. The CTA and the four old scientific instruments Your company may alternate between the two mission tasks.	the cable termination assembly entific instruments will be located at to) attach them to the ROV during	
Mission task scoring breakdown:  Task #1: Complete a primary node ( up to 60 points)		

- Complete a primary node ( up to 60 points)
   Transferring the SIA to the seafloor 5 points
- Installing the SIA so that it rests comfortably within the BIA 25 points
- Removing the CTA from the seafloor 5 points
- Inserting the CTA into the bulkhead connector on the BIA 25 points

## Task #2: Replace scientific instruments (up to 60 points)

- Recover four scientific instruments 5 points each (20 points total)
- Deploy four new scientific instruments 10 points each (40 points total)

Mission task #1: Complete a primary r	ode (60 points)	
• 5 points – transferring the SIA to the seafloor		
• 25 points – installing the SIA so that it rests co	mpletely within the BIA	
• 5 points – removing the CTA from the seafloor		
• 25 points – inserting the CTA into the bulkhear	d connector on the BIA	
	TOTAL POINTS FOR TASK #1	
Mission task #2: Replace scientific ins	struments (60 points)	
• 5 points each (20 points total) - recover four	scientific instruments	
• 10 points each (40 points total) - deploy four	new scientific instrument	
	TOTAL POINTS FOR TASK #2	
<b>Time Bonus:</b> If a company successfully completes all mission tasks (full points), returns the ROV to the surface under its own power, and physically touches the vehicle before mission times ends, the company will receive a time bonus. Companies will receive 1 point for every minute and 0.1 point for every second under the allotted time. For example, a company that finishes in 11 minutes and 32 seconds in a 15 minute mission. 15 minutes minus 11 minutes and 32 seconds is 3 minutes and 28 seconds. This team would receive 3.28 additional points.		
Dura	tion of complete mission:	
Danielta Dainta	Time bonus:	
Penalty Points: Pull on tether: - 5 points penalty per infraction Diver assistance: - 5 points penalty per infraction Three blown fuses: mission ends		
	TOTAL MISSION SCORE _	
Mission official's initials:	Company CEO's initials:	