

**Communication: Technical Report
Judge's Evaluation Sheet**

School/Team: _____ RANGER or EXPLORER (circle one)

Judge: _____

Judges: Please note & record each bullet as 3, 2, 1, or 0 points, depending on the scale at the top of the column. Record the total score in the space provided (a perfect score is 50).

+3 = exceptional +2 = good +1 = average 0 = poor or lacking

	+3	+2	+1	0
<ul style="list-style-type: none"> • Overall presentation <ul style="list-style-type: none"> ○ Report is less than 20 pages ○ Measurements in SI units (metric) ○ Well thought out, organized, and professional 				
<ul style="list-style-type: none"> • Title page that includes: <ul style="list-style-type: none"> ○ Project/ROV name ○ School, club, or team name ○ List of team members ○ Names of instructor(s) and/or mentor(s) 				
<ul style="list-style-type: none"> • Abstract (250 words or less) that is concise and clearly summarizes their work 				
<ul style="list-style-type: none"> • Photo(s) of the ROV with descriptive caption(s) 				
<ul style="list-style-type: none"> • Budget/expense sheet that provides a detailed accounting of funds, donations, and expenditures 				
<ul style="list-style-type: none"> • Electrical schematic (neatly drawn or created using a CAD program) that demonstrates the presence of a fuse/circuit breaker 				
<ul style="list-style-type: none"> • Design rationale presented in a clear and logical manner 				
<ul style="list-style-type: none"> • In describing the vehicle's systems, does the team present its own, original work or does it present documentation from commercial companies and/or instructors and mentors? If the latter, is the team able to demonstrate comprehension of this outside documentation? 				
<ul style="list-style-type: none"> • Description of at least one challenge faced and what methods they used to overcome it 				
<ul style="list-style-type: none"> • Explanation of at least one troubleshooting technique used and how it was appropriate in identifying/solving the problem 				



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	+3	+2	+1	0
<ul style="list-style-type: none"> Thoughtful and logical discussion of at least one improvement for next time 				
<ul style="list-style-type: none"> Description of at least one lesson learned or skill(s) gain that relates to the process 				
<ul style="list-style-type: none"> Description of a career, organization, or technology that supports ocean observing systems, including photos and at least 2 references cited <p>Note: Teams describe more than one career, organization, and/or technology.</p>				
<ul style="list-style-type: none"> Is it clear that the student team members (and NOT the instructors or mentors) completed the actual construction of the vehicle, particularly in the complex electrical and software areas? 				
<ul style="list-style-type: none"> Does the report demonstrate teamwork and the ideals behind working well together? 				

	+2	0
<ul style="list-style-type: none"> Acknowledgments of companies, organizations, and/or individuals that helped to support the team 		

IF APPLICABLE, does the report include a block-diagram or flow-chart of software?

YES _____ NO _____ – 3 points

DISCRETIONARY POINTS

	+3	+2	+1	0
<ul style="list-style-type: none"> Opportunity to award the team “bonus” points for a job well done. 				

PROJECT REPORT SCORE (50 points max) = _____