

**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 25).

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

	+2	+1	0
<ul style="list-style-type: none"> <li>• <b>Overall presentation</b> <ul style="list-style-type: none"> <li>○ Report is less than 20 pages</li> <li>○ Measurements in SI units (metric)</li> <li>○ Title page that includes:                             <ul style="list-style-type: none"> <li>▪ Project/ROV name</li> <li>▪ School/club name</li> <li>▪ Team name (if applicable)</li> <li>▪ List of team members</li> <li>▪ Names of instructor(s) and/or mentor(s)</li> </ul> </li> </ul> </li> </ul>			
<ul style="list-style-type: none"> <li>• <b>Abstract</b> (250 words or less) that is concise and clearly summarizes their work</li> </ul>			
<ul style="list-style-type: none"> <li>• <b>Photo(s) of the ROV with descriptive caption(s)</b></li> </ul>			
<ul style="list-style-type: none"> <li>• <b>Budget/expense sheet</b> that provides a detailed accounting of funds, donations, and expenditures</li> </ul>			
<ul style="list-style-type: none"> <li>• <b>Electrical schematic</b> (neatly drawn or created using a CAD program) that demonstrates the presence of a fuse/circuit breaker</li> </ul>			
<ul style="list-style-type: none"> <li>• <b>Design rationale</b> presented in a clear and logical manner</li> </ul>			
<ul style="list-style-type: none"> <li>• Description of at least one <b>challenge</b> faced and, if appropriate, what methods they used to overcome it</li> </ul>			
<ul style="list-style-type: none"> <li>• Explanation of at least one <b>troubleshooting technique</b> used and how it was appropriate in identifying/solving the problem</li> </ul>			
<ul style="list-style-type: none"> <li>• Thoughtful and logical discussion of at least <b>one improvement for next time</b></li> </ul>			
<ul style="list-style-type: none"> <li>• Description of at least one <b>lesson learned</b> or skill(s) gain that relates to the process</li> </ul>			



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	+3	+2	+1	0
<ul style="list-style-type: none"> <li>• Description of a <b>career, organization, or technology that supports one of the mission themes, including photos and at least 2 references cited</b></li> </ul> <p>Note: Teams can focus on one or more themes and/or describe more than one career, organization, and/or technology.</p>				

	+1	0
<ul style="list-style-type: none"> <li>• <b>Acknowledgments</b> of companies, organizations, and/or individuals that helped to support the team</li> </ul>		

**DISCRETIONARY POINTS**

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

**PROJECT REPORT SCORE (25 points max) = \_\_\_\_\_**