

ROADS On Icy Worlds Mission Development Log Rubric

	1	2	3	4
<i>Level of detail & description</i>	The MDL sections have no detail and are not descriptive. Judges don't have a clear understanding of the team's mission process.	The MDL sections have little detail and are a little descriptive. Judges have only a vague understanding of most components the team's mission process.	The MDL sections have some detail and are somewhat descriptive. Judges have a good understanding of most components of the team's mission process.	The MDL sections have substantial detail and are substantially descriptive. Judges have a clear understanding of the team's full mission process.
<i>Content clarity & replicability</i>	The MDL is not clear, and others couldn't use it to replicate the team's methods.	The MDL has limited clarity, and others could use it to replicate limited parts of the team's methods.	The MDL is somewhat clear and others could use it to replicate most of the team's methods.	The MDL is very clear and others could use it to replicate the team's methods.
<i>Clearly shows following scientific process</i>	The MDL does not show the team's use of a scientific process.	The MDL shows a little evidence of the team's use of a scientific process.	The MDL contains good examples of the team using a scientific process.	The MDL contains excellent examples of the team using a scientific process.
<i>Shows engineering design and testing process</i>	The MDL does not show the team's use of the engineering design and testing process.	The MDL shows a little evidence of the team's use of the engineering design and testing process.	The MDL contains good examples of the team using the engineering design and testing process.	The MDL contains excellent examples of the team using the engineering design and testing process.