

2017-2018 Lisnyk Student Ship Design Competition Score Sheet

University: _____

Design Identification: _____

Reviewer: _____

Date: _____

Technical Content	Maximum Points	Points Awarded
Report Summary including Table of principal characteristics	4	
Concept selection/initial definition and sizing	8	
Hull form development	2	
Lines drawing (Appendix)	2	
General arrangements (Appendix)	7	
Curves of form, floodable length curve	1	
Area/volume summary	2	
Capacity plan (cargo holds and tanks) (Appendix)	1	
Structural design	3	
Midship section drawing (Appendix)	2	
Propulsion plant trade-off study	4	
Machinery arrangement including list of principal components (Appendix)	3	
Electrical Load Analysis/electric plant sizing	2	
Major H, M, & E systems and equipment descriptions and rationale	4	
Major mission-related systems and equipment descriptions and rationale	4	
Weight estimate (lt. ship & (2) load conditions)	6	
Trim and intact stability analysis	3	
Damage stability analysis	3	
Speed/power analysis	3	
Endurance calculation	2	
Seakeeping analysis	2	
Manning estimate	2	
Cost analysis	3	
Risk assessment	2	
Sub-total	75	0
Documentation		
Organization	5	
Completeness	3	
Text and graphics (figures and tables)	5	
Sub-total	13	0
Overall Quality and Originality	7	
Compliance with Owner's Requirements	5	
Grand Total	100	0