

Schools Marine Challenge Points Criteria

Range	Max marks	0-4	5 - 7	8 - 10	
Hull & Superstructure	Hull design and construction 10	Basic designs completed Basic methods used	using recognised design criteria. Variety of design and construction methods used to maximise performance	Designs developed according to pre-defined performance parameters. Comprehensive construction methods using accurate drawings and templates or CAD systems to develop or produce hull forms High build quality throughout with design and material choices all working in harmony.	Points available 20
	Quality, finish and attention to detail 10	Completed functional product	Custom working with attention to detail to improve aesthetic qualities and performance	Attention to detail resulting in a craft that exemplifies high quality throughout	
Powertrain	Propulsion System Installation 10	Propulsion system installed and operating.	Propulsion system optimised to work efficiently.	Propulsion system integrated to whole craft design. Tested and developed to produce maximum performance and reliability	Points available 10
Teamwork	Company links 10	Have a working relationship with partner companies	Have worked with sponsor(s) leading to a better understanding of engineering	Team responsibility for effective company links that has mutually agreed targets and has quantifiable feedback from both partners	Points available 20
	Marketing and presentation 10	Have a team identity	Have produced promotional materials for use on Race Day and at other school events.	Quality materials used to describe and promote aspects of the project in a range of media.	

Total Points Allocation	
Hull & Superstructure	20
Powertrain	10
Teamwork	20
Total	50