

Object Level	Part 2 Requirements	GNS Functional Statement	GNS Description
1	1 Role		
2	1.1 Scope	The minimum performance for the ship under the categories War-Fighting, Maritime Security and International Engagement shall be defined by a number of lower level statements, see below.	The primary roles of a Naval Surface Vessel are broken down into three categories: War-Fighting, Maritime Security and International Engagement. The requirements of each section are broken down into sub-categories and described in further detail.
2	1.2 War-Fighting	<p>The ship shall be provided with adequate facilities and support capabilities to be able to operate in a War-Fighting Role</p> <p>The minimum performance is defined by a number of lower level statements, see below.</p>	<p>This capability is the primary purpose of the vessel in a war-fighting scenario.</p> <p>For front line warships (e.g. frigates and destroyers) this will cover detecting, classifying and prosecuting targets.</p> <p>For aircraft carriers this will include the aircraft to be carried and sortie generation profile to be supported.</p> <p>For amphibious vessels this requirement will cover the vehicles to be carried and the ability to deploy them.</p> <p>For support vessels the main capability may be to carry and transfer cargoes.</p> <p>Operations include but may not be limited to:</p> <ul style="list-style-type: none"> a. Provide Situational Awareness; b.

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3	1.2.1 Provide Situational Awareness	<p>The ship shall be provided with the capabilities and arrangements that enable it to provide Situational Awareness.</p> <p>The minimum performance is defined by a number of lower level statements, see below.</p>	<p>The ship will have systems enabling the tactical situation to be known, analysed and used by own or other friendly force elements.</p> <p>This requirement relates to the gathering of tactical data through</p>
4	1.2.1.1 Situational Awareness - Environmental Conditions	The ship shall provide Situational Awareness under <TBD> environmental conditions as defined in 10. Constraints.	<p>Some War-Fighting Roles will not be able to be carried out under all environmental conditions found in the defined geographical areas of operations.</p> <p>Environmental conditions (Benign, Moderate or Extreme) are defined in 10. Constraints.</p>
5	1.2.1.1.1 Gather and Receive Data	The ship shall gather and receive data from other platforms.	This requirement relates to the ability to use own sensors to gather data and to receive data from other platforms.
5	1.2.1.1.2 Planning using the Tactical Picture	The ship shall enable planning using the Tactical Picture.	Once a Tactical Picture has been created, it will be used in the Command planning function to assess the threat and to plan the response.
5	1.2.1.1.3 Execute Command Planning	The ship shall enable the Command Plan to be executed.	This requirement relates to the ability of Command to execute the plan using own ship systems or 'other force elements' systems.
5	1.2.1.1.4 Use Tactical Picture	The ship shall use the Tactical Picture or raw data for own ship systems.	This requirement relates to the use of the ship's tactical picture/data for input to ship's own systems to enable these systems to carry out the Command Plan.