

Object Level	Part 1 Requirements	GNS Functional Statement	GNS Description
1	<b>1 Safety</b>		
2	<b>1.1 Scope</b>	<p>The ship shall provide levels of safety that are equivalent to those were they regulated under international conventions or regulations applicable to Merchant Shipping, with an additional level of safety for normally occurring hazards that reflect the foreseeable operations on which a naval ship is or may be engaged as defined by the Owner and as interpreted by the designer/builder based on their understanding of how the ship will be deployed.</p> <p>All Ship Systems and equipment shall comply with the safety requirements of JSP 430.</p>	<p>Under UK law, all employers owe a duty of care to their employees.</p> <p>The term 'safety' covers the protection of people and material.</p> <p>A Warship is to be covered similarly, i.e. the ship is to provide a level of safety that is equivalent to that were it regulated under international conventions or regulations applicable to merchant shipping, with an additional level of safety for normally occurring hazards that reflect the foreseeable operations on which a naval ship is or may be engaged. This should be relatively straightforward for peacetime and constabulary/peacekeeping roles. However, it is entirely "foreseeable" that a warship will be involved in "war". What that means in practice has to be defined by the Owner, although the designer/builder will still need to exercise a degree of duty of care and apply whatever knowledge they have of how the ship will be deployed.</p>
2	<b>1.2 Structure</b>	<p>The structure of the vessel shall be in accordance with JSP 430, ANEP 77 (Application and exclusions as detailed in NAN 05), DefStan 02-900 General Naval Standard, and any Naval Defence Standards stipulated in the Contract.</p> <p>The Certification Strategy shall be developed and</p>	<p>This requirement relates to ensuring that structural integrity is maintained throughout the life of the vessel.</p> <p>The overall goal is detailed in the Naval Ship Code (ANEP 77). This is met by a combination of Lloyd’s Register’s Naval Ship Rules (tailored as necessary) and a set of discrete UK Naval requirements.</p>

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		<p>agreed with the Naval Authority (NA).</p> <p>The NA shall be consulted if there is deviation from the agreed approach.</p>	
2	<p><b>1.3 Buoyancy Stability and Controllability</b></p>	<p>The Buoyancy, Stability and Controllability of the vessel shall be in accordance with JSP 430, ANEP 77 (Application and exclusions as detailed in NAN 05), DefStan 02-900 General Naval Standard, and any Naval Defence Standards stipulated in the Contract.</p> <p>The Certification Strategy shall be developed and agreed with the Naval Authority (NA).</p> <p>The NA shall be consulted if there is deviation from the agreed approach.</p>	<p>This requirement relates to ensuring that Buoyancy, Stability and Controllability is maintained throughout the life of the vessel.</p> <p>The overall goal is detailed in the Naval Ship Code (ANEP 77). This is met by a combination of Lloyd’s Register’s Naval Ship Rules (tailored as necessary) and a set of discrete UK Naval requirements.</p>
2	<p><b>1.4 Engineering Systems</b></p>	<p>The Engineering Systems of the vessel shall be in accordance with JSP 430, ANEP 77 (Application and exclusions as detailed in NAN 05), DefStan 02-900 General Naval Standard, and any Naval Defence Standards stipulated in the Contract.</p> <p>The Certification Strategy shall be developed and agreed with the Naval Authority (NA).</p> <p>The NA shall be consulted if there is deviation from the agreed approach.</p>	<p>This requirement relates to ensuring that Engineering Systems are maintained throughout the life of the vessel.</p> <p>The overall goal is detailed in the Naval Ship Code (ANEP 77). This is met by a combination of Lloyd’s Register’s Naval Ship Rules (tailored as necessary) and a set of discrete UK Naval requirements.</p>