

Title	Offshore Technology Report 2002 016: Framework for assessing human factor capability																														
Publisher/Author	HSE																														
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Executive Summary	<p>This report describes an initial study to develop a means of assessing how capable and mature companies in the offshore industry are in managing the human contribution to safety throughout the procurement and development of offshore platforms and systems. The professional discipline covering this area is known as Human Factors (HF).</p> <p>The objectives of the study and information about who is likely to use the framework, when it is likely to be used and how it is likely to be implemented are described.</p> <p>The framework has the following attributes:</p> <ul style="list-style-type: none"> <li>• It seeks to assess the capability and maturity of an organisation in terms of HF.</li> <li>• It is intended to be used principally by HSE Inspectors (though the aim is to gain a 'warm feeling' rather than produce a definitive, supportable assessment of an organisation).</li> <li>• It should also be of value to companies across the Offshore industry supply chain. Each characteristic is linked to a key element of successful health and safety management as defined in HSG65 (Successful Health &amp; Safety Management).</li> <li>• Each characteristic has links with recommended HF activities from HSG48 (Reducing Error and Influencing Behaviour).</li> <li>• The HF framework is aligned with ISO capability maturity models, the Design Safety Maturity Model and the Safety Culture Maturity Model.</li> </ul> <p>The framework defines eighteen characteristics each representing a different key aspect of HF. Each characteristic is described in relation to the five levels of the capability scale. Proposed links with UK Health and Safety legislation and HSG48 have been identified.</p> <p>Recommendations are made for further development activities. In particular, for the framework to be successfully applied to the offshore industry validation activities should be conducted. This work should seek to ensure that the HF characteristics are valid and complete and that the capability and maturity scale can be simply applied.</p>																														
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