

## Prepare the jack up barge for offshore operation

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### Overview

This standard is about preparing the jack up barge for an operational assignment offshore. It is about ensuring that the jack up barge is suited to the task it has been procured to carry out, that it is appropriately equipped with staff and supplies and that its systems are in working order.

### Target Group

This standard is relevant to Bargemasters with overall responsibility for the jack up barge while it is at sea.

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### Performance criteria

*You must be able to:*

1. source the jack up barge operating manual allowing appropriate time to read it prior to departure from port
2. source the procedure document or method statement and its associated risk assessment allowing appropriate time to read and challenge it prior to departure from port
3. interpret all aspects of the forthcoming operation for which you are responsible
4. summarise those parts of the procedure document or method statement which are unclear or with which you disagree and resolve with designated people ashore
5. manage access to the jack up barge ensuring it is undertaken in compliance with company procedures and local / national laws
6. function test all jack up barge systems, machinery and equipment in line with the manufacturer's and company procedures and jack up barge operations manual
7. verify that the deck load and tank contents match the load calculation issued for the specific passage plan and stability calculation
8. appraise the integrity of the deck load and equipment sea fastenings in line with the recommendations of the surveyor's report and manufacturer's and company procedures and jack up barge operations manual
9. appraise the seaworthiness of the jack up barge to the standards specified in the manufacturer's and company procedures and jack up barge operations manual
10. appraise that ancillary equipment is in working order to the standards specified in the manufacturer's and company procedures and jack up barge operations manual
11. verify the jack up barge has the sufficient amount of fuel, additives, oil and water for the planned operations including reserve for emergency situations following the standards outlined in the company procedures and jack up barge operations manual
12. verify the jack up barge has a sufficient amount of spare parts and marine stores to ensure at sea repairs for the length of the planned operations and to the requirements of the company procedures and jack up barge operations manual
13. verify the jack up barge accommodation is in a fit condition for heat light, power, ventilation, sanitary facilities, washing facilities

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- and welfare provision which meet the company procedures and national welfare laws for marine accommodation
14. verify there are sufficient stocks of subsistence stores and sundries and that these are handled and stored in compliance with company procedures
  15. take appropriate action by reporting to the company and / or line manager when any problems with the jack up barge are identified, whether new or previously reported
  16. identify the person responsible for officially releasing the jack up barge
  17. verify the jack up barge is staffed with sufficient numbers of appropriately qualified crew and ensuring that this meets the manufacturer's and company procedures and jack up barge operations manual.
  18. deliver appropriate health, safety and environmental induction to all those working on or visiting the jack up barge
  19. comply with the organisation's procedures and all relevant legal, safety and operating requirements relating to preparing the jack up barge for offshore operations, at all times

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## Knowledge and understanding

*You need to know and understand:*

1. the principles of jack up barge construction
2. factors in jack up barge design which affect the operational limitations of the jack up barge
3. the different types of jack up barges and their suitability for different operations
4. the relevant information about the jack up barge systems
5. the factors which determine the jack up barge's seaworthiness
6. the documents you are required to carry with you on the jack up barge
7. geotechnical data for the planned location and operation
8. wave and sea state information
9. emergency response planning
10. the circumstances in which to evacuate the jack up barge
11. the process and criteria to select towage arrangements

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<b>Status</b>	Original
<b>Originating Organisation</b>	Maritime Skills Alliance
<b>Original URN</b>	TBC
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