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## Overview

This standard is about preparing the jack up barge while it is being moved to the site where it will be working. It is about liaising with all those involved with responsibilities for the safe transit of the jack up barge to its operational site (port officials, pilots, tug captains etc.) and ensuring that all relevant procedures are followed.

### Target Group

This standard is relevant to bargemasters in charge of non propelled barges. This standard is not relevant to masters of self propelled vessels who will be in possession of the appropriate master's certificate.

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## Performance criteria

*You must be able to:*

1. request from the Port Authority the relevant port procedures for entering and leaving port and follow these requirements
2. request from the Port Authority the names, duties and contact details of relevant port officials and pilots to enable the jack up barge to leave and enter port safely through correct communication channels
3. communicate with port officials and pilots to tell them of your intentions and identify theirs
4. prepare jack up barge towing gear in compliance with company procedures and in line with the warranty surveyor's report and / or manufacturer's guidance
5. evaluate the suitability of the tug and its equipment for towing the jack up barge in line with the requirements of the warranty surveyor's towage report and / or jack up barge operations manual for towage
6. co-operate with tug master and their crew to ensure safe passage into or out of port
7. check jack up barge systems used when entering and leaving port to ensure they are within the listed tolerances of the jack up barge operations manual and in compliance with company procedures during port operations
8. operate jack up barge systems when entering and leaving port to ensure they are within the listed tolerances of the jack up barge operations manual and in compliance with company procedures during port operations
9. display correct navigation lights, day signals and markers on the jack up barge
10. rig ladders to the jack up barge as requested by the pilot
11. follow and implement company procedures and all relevant legal, safety and operating requirements relating to entering and leaving port, at all times as stated by local and national law, international convention and the jack up barge operations manual
12. check jack up barge systems and instruments to ensure they are within the listed tolerances of the jack up barge operations manual and in compliance with company procedures during transit operations
13. operate jack up barge systems and instruments to ensure they

are within the listed tolerances of the jack up barge operations manual and in compliance with company procedures during transit operations

14. check that the environmental conditions during transit, including wind, sea state and weather, and forecasts for the 24-hour period ahead, are within the recommended operational limits for the jack up barge as stated by the warranty surveyor's report for the tow and / or jack up barge operations manual during transit
15. check regularly that the jack up barge stability, trim and watertight integrity are within the tolerances stated by the warranty surveyor's report and / or jack up barge operations manual and take any corrective action necessary
16. verify that the integrity of the deck load and equipment sea fastenings meet the requirements of the warranty surveyor's report and / or jack up barge operations manual and take any corrective action necessary
17. liaise with the tug master to manage risks to safe passage
18. liaise with the tug master to position the jack up barge on station to the correct co-ordinates as required by the field location plan and / or procedure document or method statement
19. check and confirm through visual inspection and communication with barge crew and tug crew that the jack up barge is moored in compliance with the company procedures and the relevant field location plan
20. follow and implement company procedures and all relevant legal, safety and operating requirements relating to transit to and from operational site at all times as stated by local and national law, international convention and the jack up barge operations manual

## Knowledge and understanding

*You need to know and understand:*

1. how to find out local port procedures and contact details of port officials
2. the roles and responsibilities of port officials and pilots
3. towage arrangements and types of towing gear and equipment
4. towage requirements and tug suitability
5. the boundaries of responsibilities between the bargemaster and the tug master
6. the status of the jack up barge systems before entering or leaving port
7. the requirements for day shapes and navigation lights on the barge
8. how to interpret and follow the guidance within the jack up barge operations manual in relation to port operations
9. how to interpret navigation charts and data
10. types of mooring and anchoring systems for the jack up barge
11. the criteria for suitable shelter / safe haven for the jack up barge
12. the co-operation required with the tug master to plan a 'window of escape' during towage
13. how to interpret the warranty surveyor's report for towage requirements
14. how to interpret and follow the guidance within the jack up barge operations manual in relation to deck and field operations

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<b>Original URN</b>	MSAE22
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<b>Suite</b>	Maritime
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