

**IMO Resolution A.891(21)  
Barge Supervisor Table - 6.3**

**ASSESSMENT NO.** BS 1

**FUNCTION:** Ballasting

**COMPETENCE:**

Plan and ensure safe ballasting and deballasting operations and accounting of changes in deck loads

**KNOWLEDGE, UNDERSTANDING & PROFICIENCY:**

Knowledge of and ability to apply relevant international and national standards concerning stability. Use of loading stability information as may be contained in or derived from stability and trim diagrams, operations manuals, and/or computer-based loading and stability programs

**METHOD FOR DEMONSTRATING COMPETENCE:**

Examination and assessment of evidence from one or more of the following (check all that apply):

- in-service experience
- direct observation
- formal instruction
- simulator training; or
- examination

**CRITERIA FOR EVALUATING COMPETENCE:**

Ballasting and deballasting operations planned and executed in accordance with established procedures. Changes in deck loads are accounted for in accordance with established procedures

**COMPETENCY ESTABLISHED:**

An Offshore Installation Manager or approved instructor, who signs below as the Assessor, attests that the mariner has met the requirements to qualify for the Function named above.

_____	_____	
Mariner	Date	
_____	_____	_____
Assessor ( <i>Signature &amp; Printed Name</i> )	License Type	License No.
_____		
Identify Vessel or Training Course	<i>(Course Name/Institution/Date Attended)</i>	

***IMO Resolution A.891(21)  
Barge Supervisor – Table 6.3***

**ASSESSMENT NO.** BS 2

**FUNCTION:** Operational Control

**COMPETENCE:** Trim, Stability and Stress

**KNOWLEDGE, UNDERSTANDING & PROFICIENCY:**

1. understanding of fundamental principles of MOU construction including principal structural members and required periodic inspections, watertight integrity and damage control.
2. basic knowledge of effects of welding, and effects of corrosion on the structure
3. understanding of fundamental principles and the theories and factors affecting trim and stability and measures necessary to preserve trim and stability
4. understanding the inclining experiment report and its use
5. use of daily loading calculations
6. knowledge of the effect of mooring systems and mooring line failure

**METHOD FOR DEMONSTRATING COMPETENCE:**

Examination and assessment of evidence from one or more of the following (check all that apply):

- in-service experience
- direct observation
- formal instruction
- simulator training; or
- examination

**CRITERIA FOR EVALUATING COMPETENCE:**

MOU structure, stability and stress conditions are maintained within safe limits at all times

**COMPETENCY ESTABLISHED:**

An Offshore Installation Manager or approved instructor, who signs below as the Assessor, attests that the mariner has met the requirements to qualify for the Function named above.

\_\_\_\_\_  
Mariner

\_\_\_\_\_  
Date

\_\_\_\_\_  
Assessor (*Signature & Printed Name*)

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License Type

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License No.

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(*Course Name/Institution/Date Attended*)

***IMO Resolution A.891(21)  
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**ASSESSMENT NO.** BS 3

**FUNCTION:** Emergency Response

**COMPETENCE:** Respond to emergencies

**KNOWLEDGE, UNDERSTANDING & PROFICIENCY:**

1. Knowledge of emergency procedures
2. Knowledge of the effect of trim and stability of flooding due to damage, fire fighting, loss of buoyancy or other reasons and countermeasures to be taken
3. Effectively communicate stability-related and damage-control information

**METHOD FOR DEMONSTRATING COMPETENCE:**

Examination and assessment of evidence from one or more of the following (check all that apply):

- in-service experience
- direct observation
- formal instruction
- simulator training; or
- examination

**CRITERIA FOR EVALUATING COMPETENCE:**

Established procedures are followed during drills and emergencies. Communications are clear and effective.

**COMPETENCY ESTABLISHED:**

An Offshore Installation Manager or approved instructor, who signs below as the Assessor, attests that the mariner has met the requirements to qualify for the Function named above.

\_\_\_\_\_  
Mariner

\_\_\_\_\_  
Date

\_\_\_\_\_  
Assessor (*Signature & Printed Name*)

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License Type

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License No.

\_\_\_\_\_  
Identify Vessel or Training Course

\_\_\_\_\_  
(*Course Name/Institution/Date Attended*)

***Specification of Minimum Standard of Competence for MODU License***

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***IMO Resolution A.891(21)  
Barge Supervisor – Table 6.3***

**ASSESSMENT NO.** BS 4

**FUNCTION:** Seamanship

**COMPETENCE:** Seamanship

**KNOWLEDGE, UNDERSTANDING & PROFICIENCY:**

Knowledge of:

1. The 1972 Collision Regulations, as amended
2. Navigation and electronic navigational aids appropriate to the type of MOU
3. Towing Procedures, Including Recovery Of Tow

**PROFICIENCY IN THE FOLLOWING:**

1. Heavy weather
2. Store and bulk liquid transfer
3. Maneuvering and positioning
4. Anchor handling
5. Dynamic positioning, if applicable

**METHOD FOR DEMONSTRATING COMPETENCE:**

Examination and assessment of evidence from one or more of the following (check all that apply):

- in-service experience
- direct observation
- formal instruction
- simulator training; or
- examination

**CRITERIA FOR EVALUATING COMPETENCE:**

Transit, station keeping, mooring and dynamic positioning operations are within safe limits at all times. Communications are effective and comply with established procedures.

**COMPETENCY ESTABLISHED:**

An Offshore Installation Manager or approved instructor, who signs below as the Assessor, attests that the mariner has met the requirements to qualify for the Function named above.

\_\_\_\_\_  
Mariner

\_\_\_\_\_  
Date

\_\_\_\_\_  
Assessor (*Signature & Printed Name*)

\_\_\_\_\_  
License Type

\_\_\_\_\_  
License No.

\_\_\_\_\_  
Identify Vessel or Training Course

\_\_\_\_\_  
(*Course Name/Institution/Date Attended*)

***Specification of Minimum Standard of Competence for MODU License***

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***IMO Resolution A.891(21)  
Barge Supervisor – Table 6.3***

**ASSESSMENT NO.** BS 5

**FUNCTION:** Supplies and Dangerous Goods

**COMPETENCE:**

Plan and ensure safe loading, stowage, securing and handling of supplies, including dangerous goods.

**KNOWLEDGE, UNDERSTANDING & PROFICIENCY:**

1. The effect on trim and stability of cargoes and cargo operations
2. Safe handling, stowage and care of equipment, supplies and dangerous goods
3. Crane and lifting equipment, and their inspections
4. Procedures for loading and discharge of helicopters and supply vessels
5. Precautions during loading, and unloading, and use of dangerous, hazardous, or harmful goods.

**METHOD FOR DEMONSTRATING COMPETENCE:**

Examination and assessment of evidence from one or more of the following (check all that apply):

- in-service experience
- direct observation
- formal instruction
- simulator training; or
- examination

**CRITERIA FOR EVALUATING COMPETENCE:**

The likely weather conditions for a determined period are based on all available information. Stowage and securing of cargoes and supplies ensures that stability and stress conditions remain within safe limits, and are in accordance with established guidelines and legislative requirements. Information on dangers, hazards and special requirements is recorded in a suitable format for easy reference in the event of an incident.

**COMPETENCY ESTABLISHED:**

An Offshore Installation Manager or approved instructor, who signs below as the Assessor, attests that the mariner has met the requirements to qualify for the Function named above.

\_\_\_\_\_  
Mariner

\_\_\_\_\_  
Date

\_\_\_\_\_  
Assessor (*Signature & Printed Name*)

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License Type

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License No.

\_\_\_\_\_  
Identify Vessel or Training Course

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(*Course Name/Institution/Date Attended*)

***Specification of Minimum Standard of Competence for MODU License***

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***IMO Resolution A.891(21)  
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**ASSESSMENT NO.** BS 6

**FUNCTION:** Safe working practices

**COMPETENCE:** Monitor and control safe working practices

**KNOWLEDGE, UNDERSTANDING & PROFICIENCY:**

Knowledge of safe working practices, such as:

1. Occupational safety, health and hygiene
2. Hazardous areas
3. Permits to work
4. Work over water
5. Work in confined spaces

Knowledge of personnel training, organization and communication

Understanding and inspection of safety equipment

**METHOD FOR DEMONSTRATING COMPETENCE:**

Examination and assessment of evidence from one or more of the following (check all that apply):

- in-service experience
- direct observation
- formal instruction
- simulator training; or
- examination

**CRITERIA FOR EVALUATING COMPETENCE:**

Operations minimize hazards to personnel

**COMPETENCY ESTABLISHED:**

An Offshore Installation Manager or approved instructor, who signs below as the Assessor, attests that the mariner has met the requirements to qualify for the Function named above.

\_\_\_\_\_  
Mariner

\_\_\_\_\_  
Date

\_\_\_\_\_  
Assessor (*Signature & Printed Name*)

\_\_\_\_\_  
License Type

\_\_\_\_\_  
License No.

\_\_\_\_\_  
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(*Course Name/Institution/Date Attended*)

***IMO Resolution A.891(21)  
Barge Supervisor – Table 6.3***

**ASSESSMENT NO. BS 7**

**FUNCTION:** SOLAS; Environmental Protection

**COMPETENCE:**

Monitor and control compliance with legislative requirements and measures to ensure safety of life at sea and the protection of the marine environment

**KNOWLEDGE, UNDERSTANDING & PROFICIENCY:**

Knowledge of international maritime law embodies in international agreements and conventions. Regard should be paid to the following subjects:

1. Certificates and other documents required to be carried on board by MOUs by international conventions and/or agreements
2. Responsibilities under the relevant requirements under the:
  - International Convention on Load Lines;
  - International Convention for the Safety of Life at Sea
  - International Convention for the Prevention of Pollution from Ships;
3. Responsibilities under international instruments affecting the safety of the MOU, visitors, crew and cargo
4. Methods and aids to prevent pollution of the marine environment by MOUs
5. National legislation for implementing international agreements and conventions

**METHOD FOR DEMONSTRATING COMPETENCE:**

Examination and assessment of evidence from one or more of the following (check all that apply):

- in-service experience
- direct observation
- formal instruction
- simulator training; or
- examination

**CRITERIA FOR EVALUATING COMPETENCE:**

Procedures for monitoring operations and maintenance comply with legislative requirements. Potential non-compliance is promptly and fully identified. Planned renewal and extension of certificates ensures continued validity of surveyed items and equipment

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Assessment No. B7 (Continued)*

***Specification of Minimum Standard of Competence for MODU License***

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**COMPETENCY ESTABLISHED:**

An Offshore Installation Manager or approved instructor, who signs below as the Assessor, attests that the mariner has met the requirements to qualify for the Function named above.

_____	_____	
Mariner	Date	
_____	_____	_____
Assessor ( <i>Signature &amp; Printed Name</i> )	License Type	License No.
_____		
Identify Vessel or Training Course	<i>(Course Name/Institution/Date Attended)</i>	



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**ASSESSMENT NO.** BS 8

**FUNCTION:** First Aid

**COMPETENCE:**

Provide First Aid to a casualty prior to transfer to medical facility

**KNOWLEDGE, UNDERSTANDING & PROFICIENCY:**

See table A-VI/4-1 of STCW Code

**METHOD FOR DEMONSTRATING COMPETENCE:**

See table A-VI/4-1 of STCW Code

**CRITERIA FOR EVALUATING COMPETENCE:**

See table A-VI/4-1 of STCW Code

**COMPETENCY ESTABLISHED:**

A ship's officer or Offshore Installation Manager, who signs below as the Assessor, attests that the mariner has met the requirements to qualify for the Function named above.

\_\_\_\_\_  
Mariner

\_\_\_\_\_  
Date

\_\_\_\_\_  
Assessor (*Signature & Printed Name*)

\_\_\_\_\_  
License Type

\_\_\_\_\_  
License No.

\_\_\_\_\_  
Identify Vessel or Training Course

\_\_\_\_\_  
(*Course Name/Institution/Date Attended*)