

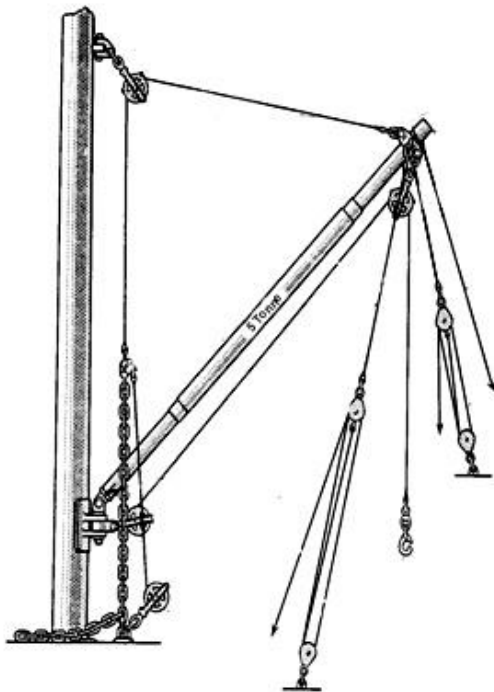
RIGGING AND LIFTING – NAME: _____
LIFTING GEAR ASSIGNMENT 3

These assignments check your understanding of Marine Orders 32 Cargo Gear, the Lessons & the Workbook.

Apply seamanship skills aboard a vessel up to 12 metres

Perform seamanship operations on board a vessel up to 24 metres

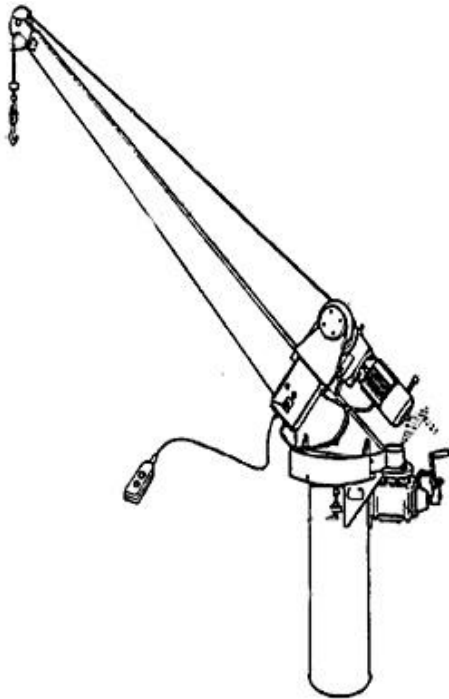
Questions 1. Label the key parts shown below and describe their function:



Describe your preparations and the precautions before a lift with this equipment.

Questions 2. What is this lifting arrangement called and what are the requirements in Marine Orders 32 (Cargo) for limiting it in use.

Questions 3. Label the key parts of the derrick shown below and describe their function:



Describe the advantages of this lifting arrangement compared to a single derrick.

Questions 4. List three precautions you would take when loading or discharging heavy loads on a small vessel alongside a wharf.

Questions 5. What standard precaution is used to prevent loads from slipping off the cargo hooks of lifting gear.

Questions 6. Describe the standard crane lift signals for:

a) Lowering

b) Lifting

c) Emergency stop.

[View assignment 4](#)