

OPERATIONAL EXCELLENCE

INSTRUCTIONS FOR THE SAFE USE OF: IBC CARRIER

This document is issued in accordance with the requirements of DNV 2.7-1 and EN 12079 or ISO 10855. It outlines the care & safe use of **IBC Carriers** & is based on the Oil & Gas UK “Best Practice for the Safe Packing & Handling of Cargo to & from Offshore Locations”. It should also be read in conjunction with the instructions for the safe use of Wire Rope Slings & safe use of Shackles.

This information is of a general nature only covering the main points for the safe use of IBC Carriers. It may be necessary to supplement this information for specific operations.

ALWAYS

- Always ensure operators wear appropriate personal protective equipment (PPE), e.g. gloves, hard hat, safety glasses, & safety footwear.
- Always ensure operators are trained & competent.
- Always ensure dangerous goods are shipped in compliance with the requirements of the IMDG.
- Ensure gratings (if fitted) are secured to side panels.
- Ensure tie down points are in place & fit for purpose.
- Ensure the chain & carabiner (if fitted) are fit for purpose.
- Ensure the data plate is legible & demonstrates sufficient certification.

NEVER

- Never use equipment without carrying out a pre-use inspection.
- Never use equipment that has not been periodically inspected & certified.
- Never replace lifting sets without the approval of a competent person.
- Never use equipment out with its intended purpose.
- Ensure the safety, identification, & information markings are clear & legible.
- Ensure the lifting set is correctly fitted with shackles & split pins fully engaged.
- Ensure the lifting set is free of obvious signs of damage, e.g. abrasion, corrosion, wear, chemical attack, & mechanical damage.

PRE-USE INSPECTION

- Ensure doors function correctly with hinges & locking gear free moving & undamaged.
- Ensure loading ramps (if fitted) function correctly with hinge bolts & locking mechanism free moving & undamaged.
- Ensure securing devices (bar or ratchet) function correctly with hinges, cams, pins, etc. free moving & undamaged.
- Ensure the unit is on a level surface prior to opening the door.
- Open door & secure in the open position using tiebacks where applicable.
- Load IBC using a forklift truck via front access door.
- Secure IBC in place using the lashing points provided.
- Ensure the load is as central to the container as practically possible.

LOADING & OPERATION

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- Ensure the load is equally distributed & does not exceed the payload of the unit.
- Close door & secure, ensure locking gear is fully engaged. Engage handle in retainer, settle catch & install carabiner (if fitted).
- Access to IBC outlet valve is typically located at lower front door.
- Access to the IBC man-lid typically located at the roof hatch, follow any relevant working at height instructions to access.

MOVEMENT & TRANSPORT

- Ensure all signs & placards are in place & in compliance with the IMDG Code.
- Ensure roof, forklift pockets, frame, etc, are free of potential dropped objects.
- Ensure the total weight does not exceed the maximum gross weight of the unit.
- Ensure all lifting is performed using the forklift pockets or dedicated lifting set.
- Lifting must be carried out by competent persons in accordance with an appropriate lifting plan.
- Ensure the door is closed with locking gear fully engaged.
- Utilise tag lines when lifting as required.

MAINTENANCE & INSPECTION

Moving parts such as hinges, locking gear, shackles, etc. must be regularly lubricated to ensure free movement & combat corrosion.

Any surface damage must be regularly treated to combat corrosion.

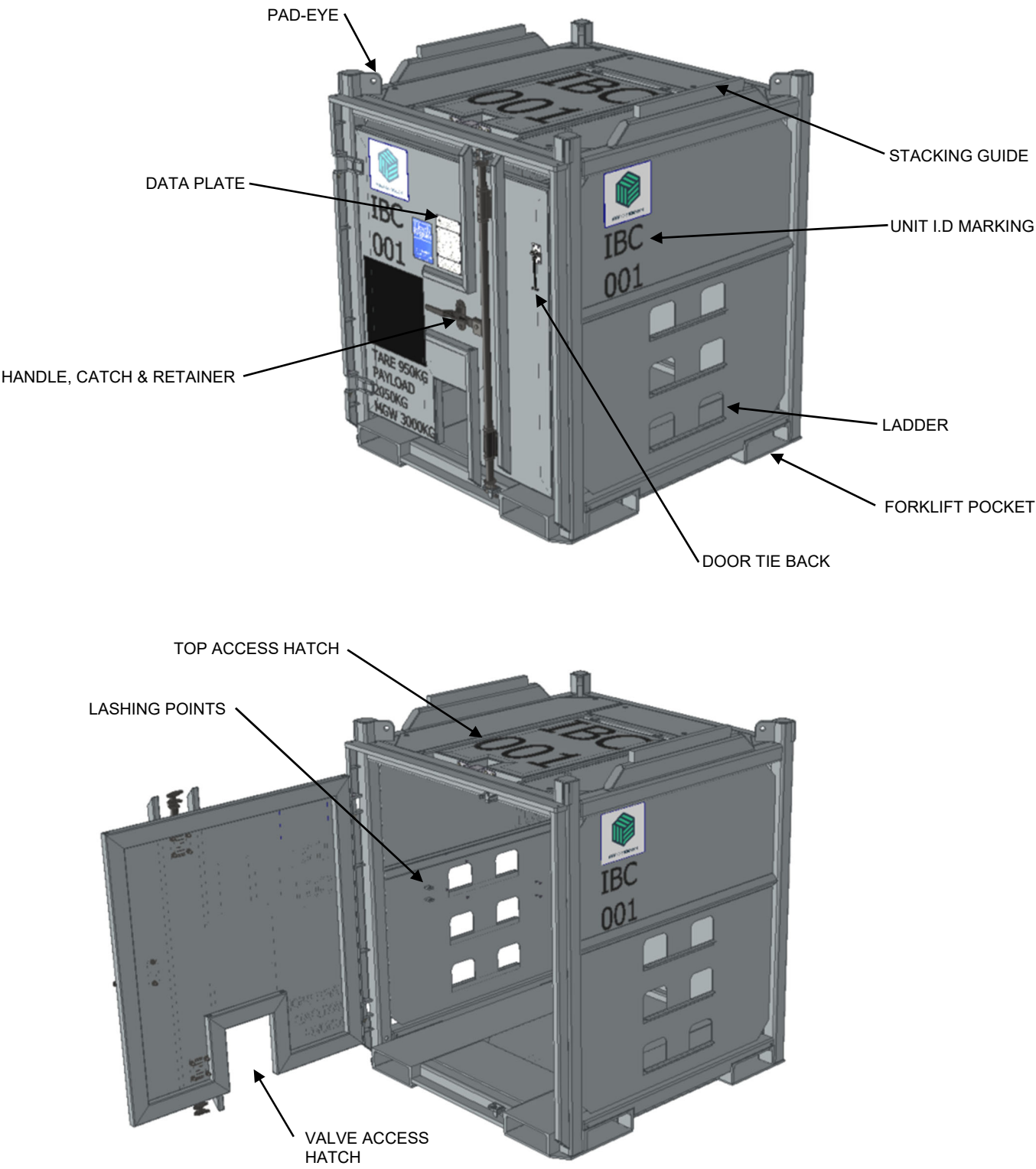
Lifting sets shall be subjected to as a minimum as per requirements:

- Visual examination of complete lifting set at intervals not exceeding 12 months.
 - Non-destructive examination including visual examination of components & joining links excluding legs at intervals not exceeding 48 months.
 - Visual examination of shackles & wire rope legs at intervals not exceeding 6 months.
 - Non-destructive examination, & visual examination of chain sling legs at intervals not exceeding 48 months.
- Units shall be subjected to as a minimum as per DNV 2.7-1 requirements:
- Visual examination at intervals not exceeding 12 months.
 - Non-destructive examination including visual examination at intervals not exceeding 48 months.
 - Proof load test, non-destructive examination & visual examination after substantial repair or alteration.

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IBC Carrier



Note. Design may not be wholly representative of the actual IBC Carrier supplied.

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Revision.	C