

CRANE TRANSFER OPERATIONS

10 golden rules

The safe transit of personnel is one of the key challenges in the offshore environment. These rules reflect the learning's from millions of transfers in varied conditions around the globe, with a focus on those few that go wrong. Crane transfer may seem a simple operation, but a wide range of variables are involved. **Careful consideration of the key variables will help you to achieve a safe transfer every time!**



1

UNDERSTAND YOUR RISKS

- Each operation is unique
- Consider all key risk drives, vessels, cranes, transfer equipment, weather and crews involved



2

BE FAMILIAR WITH YOUR CONDITIONS

- Check weather and sea conditions
- Communicate with vessel master and crane operator
- Understand limits of your equipment



3

KNOW YOUR VESSELS

- Pay attention to station-keeping and stability
- Use a large landing area, clear of hazards
- Ensure all crew are familiar with the transfer procedures



4

KNOW YOUR CRANES

- Cranes should be well maintained with appropriate certification
- Crane location should be considered; lift height/line of sight
- Understand crane emergency lowering systems



5

KNOW YOUR TRANSFER DEVICE

- Select equipment suitable for your operating envelope
- Ensure equipment is well maintained
- Rigging (slings) condition is of high importance



6

BE FAMILIAR WITH YOUR CREWS

- Training and competence of crews is a key consideration
- Crane operators and vessel masters have key roles
- Ensure correct PPE is worn by all



7

PLAN YOUR LIFT

- Be aware of Swing Factor effects during pick up
- Pay attention to avoid collision hazards
- Good communication between vessel and crane operator are essential



8

IF IN DOUBT STOP

- Perform trial transfers runs without passengers
- Suspend the operation if trial runs are not able to be performed safely



9

RECOGNIZE COMPLEX OPERATIONS

- Recognize factors that may complicate the transfer such as: lifts from moving structures, extreme weather, inexperienced crews...
- Where appropriate, seek expert advice



10

EMERGENCY PLANNING

- Crane transfer can be essential for managing emergencies such as: medical evacuations and emergency down-manning
- Integrate crane transfers into emergency planning and perform drills

For more information please visit us at www.reflexmarine.com/goldenrules

IMPORTANT NOTICE - This document was developed in consultation with the partners of this project and other parties. It is offered in good faith as guidance for the industry based on the author's experiences. The authors accept no responsibility for the use (or misuse) of these guidelines and individual operators are advised to consider their appropriateness to their operations. Any inquiries relating to this subject should be directed initially to Reflex Marine Ltd.

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