

Lost time injury – Person slipped on the stairs and broke his arm

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A member of the engine room team suffered a serious injury to his left forearm while carrying a pail of lubrication oil from the steering flat to the engine room.

IOGP Life Saving Rules:



Line of fire

What happened?

The team member was carrying the pail on his right shoulder with both arms in support, and descending some stairs. With two steps remaining, he stepped on a slippery step and his right foot became trapped between the steps. He lost his balance, slipped and fell. When he landed on the deck his left arm took most of the impact.

First aid was applied with using a splint. The injury and swelling of the affected area did not seem to be severe. However, upon arrival in port, he was referred to hospital for further treatment and it was confirmed that his left arm was broken.



What went wrong? What were the causes?

The immediate causes:

- The crew member was going down the stairs without holding the handrail.
- The stairs were slippery.

- The crew member's foot got caught.

The weather was calm; the vessel was neither rolling nor pitching. The crewman involved was well rested and was wearing correct personal protective equipment (PPE).

Our Member found the **root causes** to be:

- Inadequate compliance with correct lifting and carrying technique – there was a right way and a wrong way to transfer this lubrication oil, and he chose the wrong way.
- Risk seen as tolerable – “complacency” – this was a routine and recurring task.

Lessons learnt / Actions taken

- Could there be a better or safer way to transfer this oil?
- All should be more safety conscious when going down the stairs, particularly if carrying things.
- Handrails should be used; correct lifting and carrying procedures should be followed.
- Good house-keeping – ensure stairs, floors, safety shoes etc. are kept free of oil and grease.

Top Tips

Ensure lighting levels are adequate

Keep the workplace neat and tidy

Do not carry more than you can handle



Take care when descending stairs, especially when carrying a load

Tape down or reroute temporary cabling

Take account of sea conditions when carrying loads



Remove or clearly identify protrusions or raised areas on decks

Wipe up spills when they occur



No. 2 in a series of safety posters issued by the International Marine Contractors Association.
For more information on IMCA's safety-related initiatives, please visit our website at www.imca-int.com

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Please refer to IMCA's safety promotional materials:

- Short video – Preventing slips and trips
- Poster – Take care on the stairs
- Poster – Preventing slips, trips and falls

Members may wish to refer to the following incidents:

- Recent slips, trips and falls involving stairs
- Slips, trips and falls – raising awareness
- Injury after crewman fell downstairs on external stairway

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