COS SAFETY SHARE

WHAT WILL WE DO TO PREVENT THIS FROM HAPPENING HERE?

CORROSION UNDER HELIDECK CREATES DROPPED OBJECT HAZARD

What happened?

Due to aging, corrosion of the I-beams under the Platform's helideck has led to delamination of steel, creating the potential for dropped/falling objects.

The helideck is over the quarters building. Exterior areas below include the helicopter passenger staging area, smoking area, one of the lifeboats, and the fast rescue craft.

The pieces were of varying size and weight (most were small pieces, but the largest identified was 1.56 pounds/0.7 kilograms). Potential fall distance is between 10-35 feet/3-12 meters.

What went wrong?/Why did it happen?

Due to aging, corrosion of the I-beams under the Platform's helideck has led to delamination of steel, creating the potential for dropped/falling objects.

What areas were identified for improvement?

Implemented a personal protective equipment (PPE) requirement for the area under the helideck and outside of the production living quarters to protect against potential falling debris until the hazard is mitigated.

Ordered that personnel can no longer be located under the helideck when awaiting a helicopter; they must wait until the helicopter lands and then proceed to the waiting area.

Performed a thickness inspection of beams under the helideck to identify critical structural components that may have been affected. Some areas of concern were further assessed using a structural analysis model, which showed that the structure has significant redundant strength, and only minor remedial work to ensure no water ingress into hollow beams will be done prior to repainting.

Shared learnings to other operations within the Company.

Planned for corrosion mitigation/painting to be performed for the structural support of the helideck.

2025015

CENTER FOR OFFSHORE SAFETY