

# One Pager

Synergi ref:410847, 414450

**Location: Maersk Discoverer Date: 29th December. 2009 Dropped object caused by heliops**



**Facts:** A Billy Pugh personnel transfer basket and fibre glass box were blown from the emergency generator roof to the main deck below. The incident occurred when a crew-change helicopter was landing on the helideck. The box and the Billy Pugh, of an estimated combined weight of 200kg fell a distance of 10.6m, with a potential of 20797 joules. The box struck the corner of a container before reaching the deck. The corner of the box was damaged, but the Billy Pugh was not. No injuries were sustained. The area on the main deck that the box landed on was not a designated walkway and the area was clear for helo ops.

## Causes:

The box containing the Billy Pugh had been deliberately located in position (for approx 5 months) to limit boom movement & for ease of access for previous operations prior to the rigs arrival in Australia.

The box was positioned on 2" dunnage (which provided an air gap).

The lid had been secured to the box, however the box was not secured to the deck.

The design of the box (i.e. large surface area) contributed to it being lifted by rotor wash from the (EC225 aircraft).

Significant critique had been placed on helicopter operations, in the lead-up to the first aircraft arrival.

Planned inspections had been conducted by competent personnel, where the box had not been identified as a hazard.



Outline of where box was situated & final position where it came to rest



## Actions/learnings:

even heavy objects (more than 200 kg), or objects seemingly unlikely to be moved by helicopter downwash should be assessed as potential hazards. Re-inspect helidecks with this scope.