

Safety Alert

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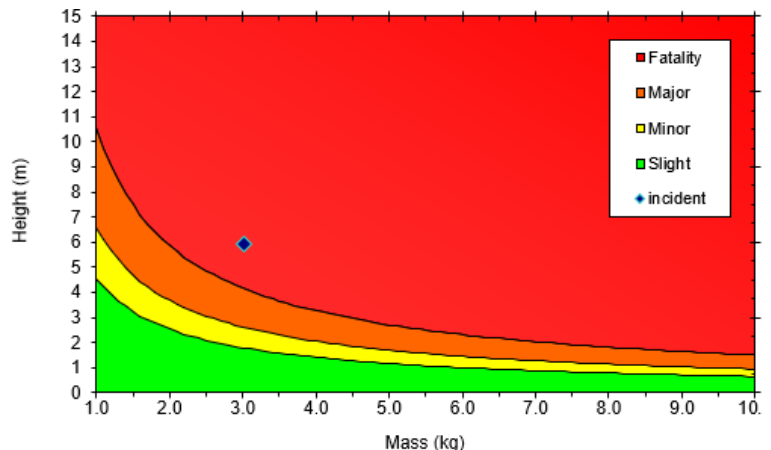
Subject: Dropped Object – Satellite Antenna

What Happened / Narrative

A satellite antenna fell from the mounting point on the vessels monkey island to the deck below. The distance was approximately 6 metres, and the weight of the antenna was approximately 3 kgs.

The Drops calculator has been used to plot the potential outcome of this as shown.

Outcome Calculator	
Height	6 m
Mass	3 kg
Outcome	Fatality 176.52 Joules



Why Did it Happen / Cause

An investigation has revealed that the satellite antenna was mounted on a foundation with rubber compensators like the example shown below. Over time the rubber was not strong enough to hold the antenna and subsequently failed.

The antenna fell down during a period of severe weather whilst the vessel was at sea. The rough weather may have been the final cause for the rubber compensators to break.

Corrective Actions Taken / Recommendations

All of the members vessels were requested to check for similar issues and that their antennas are fastened sufficiently.

The brackets mounted on the antennas must be fastened to a foundation with bolts going through, and a means of secondary retention in place.

Photographs / Supporting Information



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