STORM RISK MANAGEMENT

Claudio Crivici
Castlerock Risk Services, LLC

Many commercial operators move their assets to safe harbor and tended their equipment during the storm and had no vessel losses.

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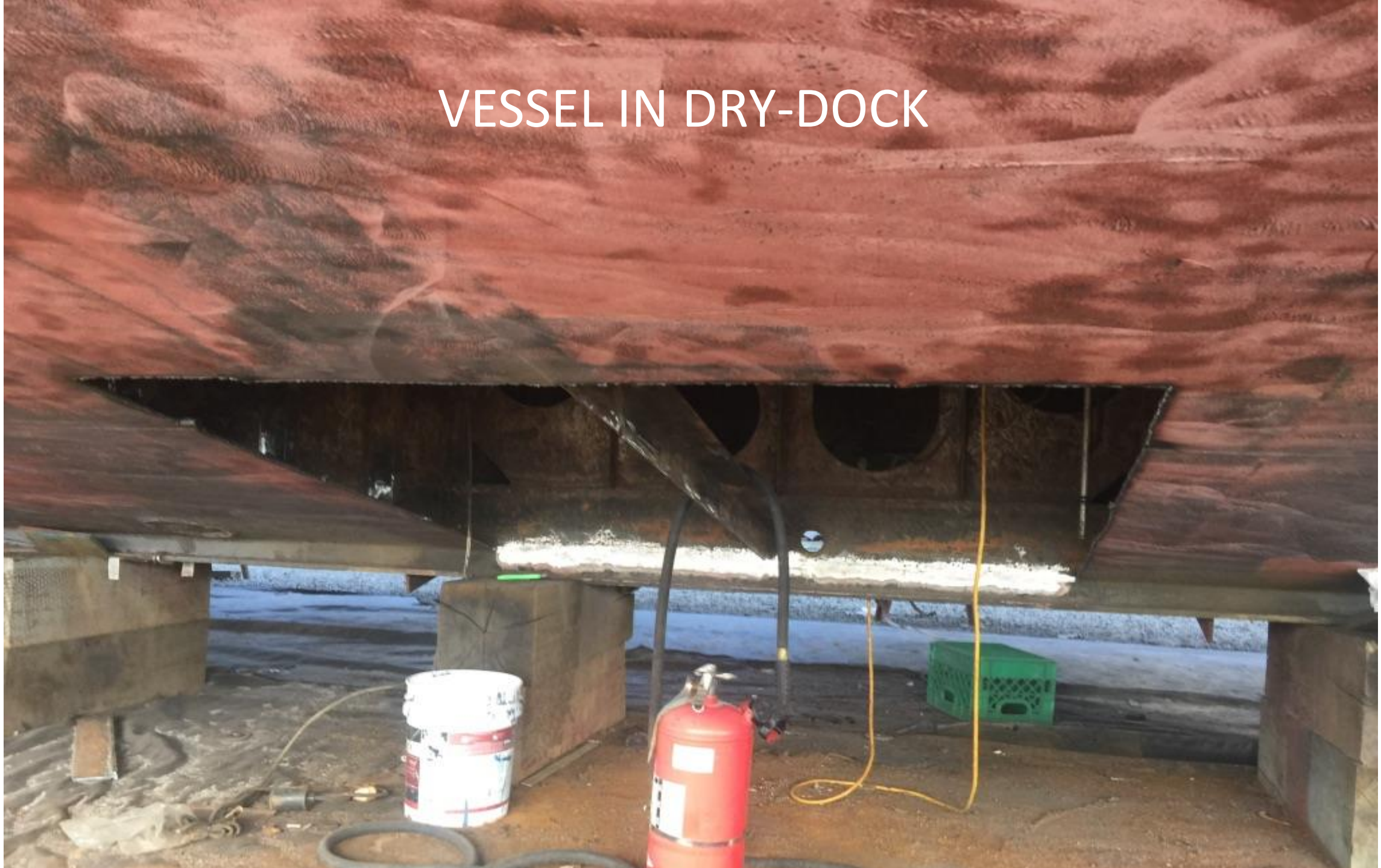
CAN VESSELS BE MOVED

VESSEL IN DRY-DOCK



GRAVING DOCK

Poor securing and planning causes most of commercial vessel losses.

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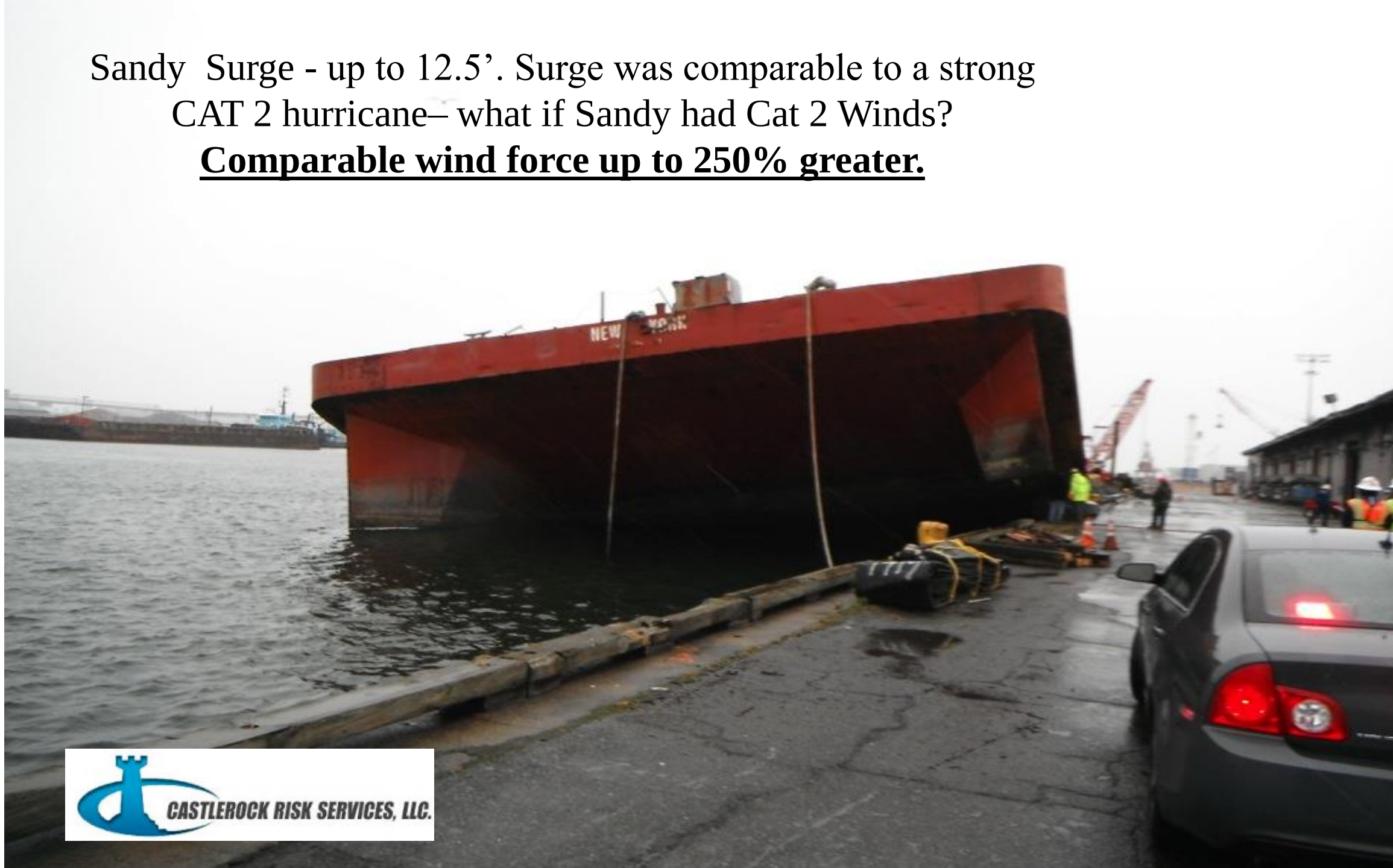
Demobilization

Inadequate Preparation for Wind & Wave & Surge

Sandy Surge - up to 12.5’. Surge was comparable to a strong CAT 2 hurricane– what if Sandy had Cat 2 Winds?

<u>Comparable wind force up to 250% greater.</u>



Buoyancy at approx. 64 #’s per cubic foot of displacement is a force that should not be secured against. Vertical lift must be allowed for. Most mooring point failures are due to inadequate allowance for vertical rise while at same time restraining horizontal motion.

Costly commercial marine claims were from onshore inventory - flood losses

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SEA TOW

St Thomas
WRECK SITE
DRY-DOCK
STORM
MOORING
Ruyter Bay
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ROTTERDAM