

Australian Maritime Safety Authority

YM Efficiency salvage operation



Agenda

- Introductions
- Background
- Response to date NSW Roads and Maritime Services, AMSA
- Operations overview of salvage operations
- How to contact us







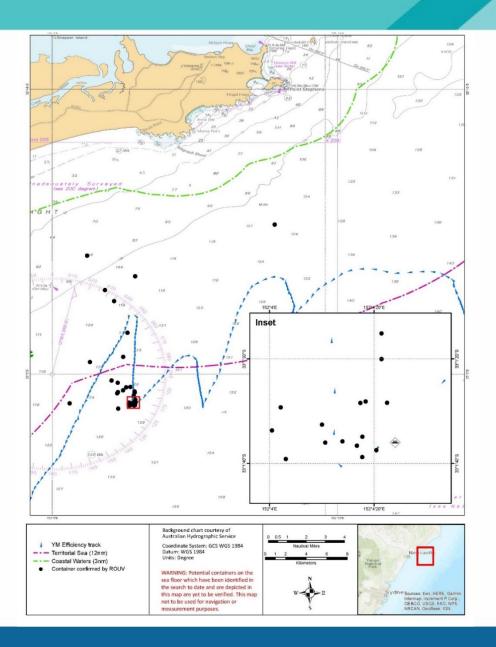


Background

- On Friday 01 June 2018 the YM Efficiency reported the loss of 81 containers overboard.
- Initial response
 - Impacted area
 - Wildlife
 - Waste
 - Ongoing monitoring
- Seabed survey
 - Area

AMSA response

- Contracted Remote Operated Underwater Vehicle services
- Feasibility study
- Established a project
- Procurement
 - Open tender
 - Industry briefing
 - Evaluation
 - Contract signature
- Salvage operations to commence in March 2020





Who's involved in the operations

- AMSA
- Ardent (salvage experts)
- Local suppliers
- Port of Newcastle
- Transport for NSW



Australian Government

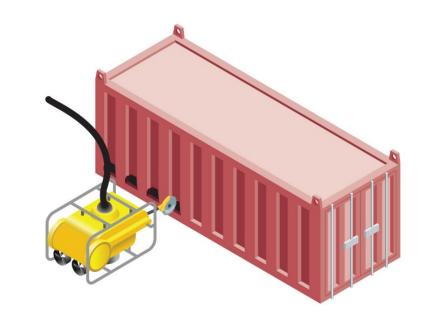
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Operations Drew Shannon - Ardent







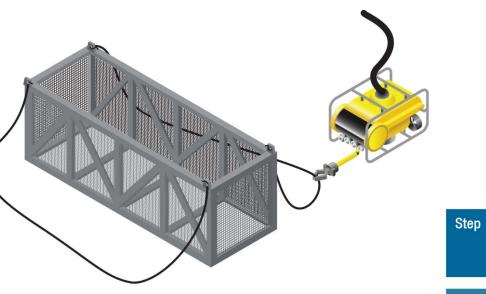


A specially constructed metal frame connected to the main crane is lowered next to a container.

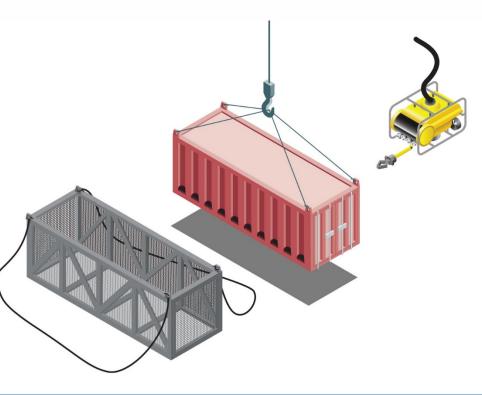
Step

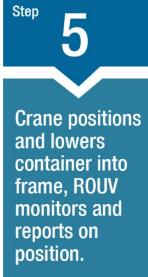
Mesh lining the container lifting frame is designed to capture all loose debris over 100mm in size. ROUV aids disconnection of frame rigging and creates clearance by draping it away from the frame. Crane is raised to the surface.

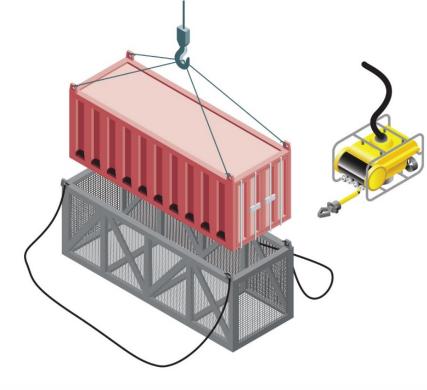
Step



Container lifted from seabed by crane, while ROUV monitors integrity and exposed debris.



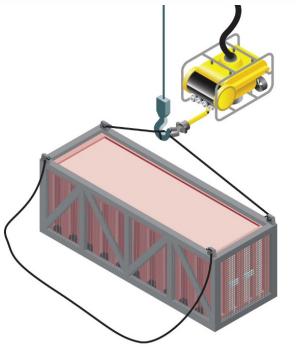




Rigging is lowered for connection to metal frame with container.

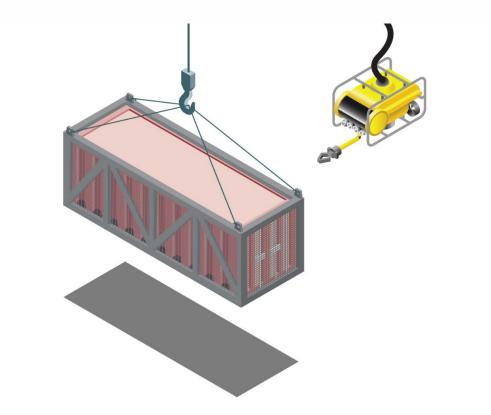
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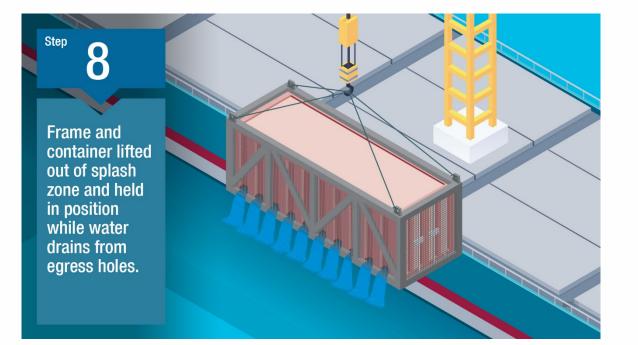
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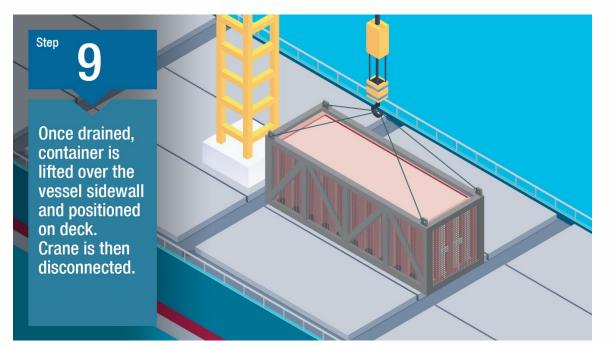


Rigging is pulled taut. ROUV monitors ascent to surface and reports on progress and snagging incidents.

Step







Storage and disposal of waste

- Disposal
- Containers to be cut up and recycled
- All contents to be assessed for reuse and/or recycle before being designated for disposal

Staying in touch

Visit our website - <u>www.amsa.gov.au/yme</u>

Email our project team <a>OperationRecovery@amsa.gov.au

Phone our contact centre 1800 324 861

Report debris to the RMS hotline 13 12 36