



Foss Maritime “Morgan”

- Markey DEPGF-48 Electric Hawser Winch
- Markey DEPC-32 Electric Stern Winch



Moran Towing “Gramma Lee T. Moran”

- Markey DECF-48 Electric Hawser Winch
- Markey CEW-60 Electric Capstan



Crowley Marine Services “Response”

- Markey DESS-52 Electric ARR Hawser Winch
- Markey DEPC-42 Electric Deck Winch
- Markey WYWD-20-48 Combination Winch / Windlass



Brusco Tug & Barge “Wynema Spirit”

- Markey DYSF-42 Hydraulic Hawser Winch



Moran Tugs “Kaye E. Moran” & “James R. Moran”

- LNG Tanker Escort
- Markey DYS-42 Hydraulic Hawser Winch (2x)
- Markey CEP-40 Electric Capstan



Boeing SBX Platform

- Markey WYS-60 Hydraulic Windlass (2x)
- Markey 350HP Electro-Hydraulic HPU (2x)

Markey Render / Recover at Work



Crowley "Response" in tethered escort of a tanker.



The captain switches the winch to Render / Recover mode to maintain constant line tension while positioning the tug to apply indirect steering forces on the tanker.

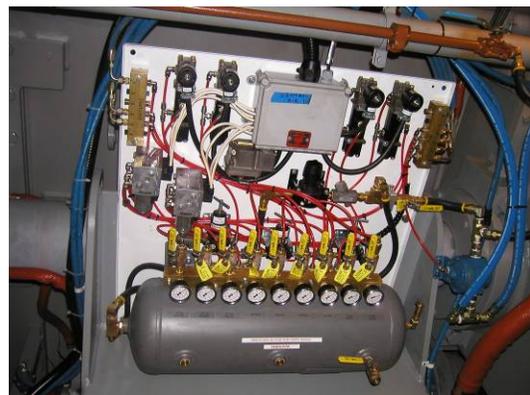
DESS-52 Electric ARR Hawser Winch Details...



Wheelhouse controls



Water-cooled multi-disc slip brake



Pneumatic logic panel for brake & clutch functions

Recent Hawser Winch Projects



Marine Towing of Tampa "Freedom"
Markey DEPC-48 Electric Hawser Winch



Foss "Lynn Marie" & "Marshall Foss"
Markey DEPG-48 Electric Hawser Winch
(Under-deck drive configuration)



Foss Maritime "Daniel Foss"
Markey DYSW-32-18 Hyd. Hawser Winch



Moran Towing "Gamma Lee T. Moran"
DEPCF-48 Electric Hawser Winch



Boston Towing "Freedom" & "Liberty"
Markey DEPCF-52 Electric Hawser Winch



Moran Towing Cove Point Vessels
"Kaye E. Moran" & James R. Moran"
Markey DYS-42 Hydraulic Hawser Winch