

Knock Ardy (retrofit)

Ship type	Tanker
Shipowner	Fred. Olsen & Co.
Shipyard	Astilleros Españoles S.A.



Main Dimensions

Dwt	140,909 t
GT	69,128
Capacity	141,000 dwt
LOA	270.05 m
Beam	43.36 m
Draught	17.07 m

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Project type	Ship status	Design scope	Delivery year
Retrofit	Delivered	Concept, Basic, Detail	1993

Scope of Work for the Shipowner

- Measurement and definition of vessel shape
- Damaged area dismantling afloat procedure
- Global strength analyses (FEM)
- Local strength analyses
- Necessary strengthening required for a loaded repair procedure
- Ballasting calculations of the vessel to enable repair afloat
- Definition of stress control during the work afloat

Project Features

- Fast repair delivery
- Quick response in defining the dismantling procedure for the vessel afloat
- Repair procedure for the vessel afloat
- Possibility to utilise maximum number of pre-fabricated steel blocks in the repair work
- Fast and accurate measurement of the actual shape after explosion damage
- Ballasting and strength calculations to ensure the work, especially dismantling, could be performed afloat

Additional Information

IMO number	7389027
Special features	Tanker repair