

Brevik PAX 400

Year:	Client:	Yard:	Class	Man-hours	Scope:
2010-2012	SCI, India	Colombo dockyards	LR		Complete vessel design

Project description:

Design documentation for class:



- GA
- Intact and damage stability
- Lines and resistance
- Marine Systems
- Preliminary and final documentation
- Inclining test
- Structural analysis
- Class drawings
- Tank calibration tables
- Tonnage calculations
- Two Vessels built: MV Corals and MV Lagoons

Brevik TP150 Tanker

Year:	Client:	Yard:	Class	Man-hours	Scope:
2004-2009	Aker Yards	Braila	DNV		Complete vessel design

Project description:



Design documentation for class:

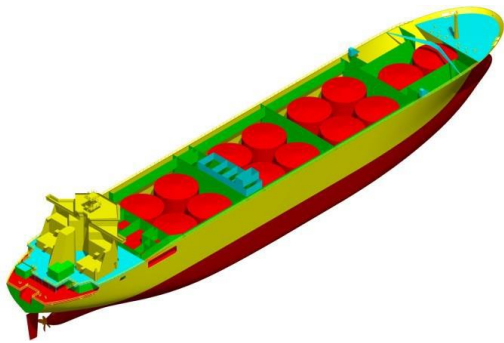
- GA
- Intact and damage stability
- Lines and resistance
- Marine Systems
- Preliminary and final documentation
- Inclining test
- Structural analysis
- Class drawings
- Tank calibration tables
- Tonnage calculations
- Six vessels built: Ternen (ex. Marida Boreas), Maasen, STX Hero, STX Infinity, STX Jaguar & STX Knight

Reference List Merchant Vessels

Fruit Juice Tanker

Year:	Client:	Yard:	Class	Man-hours	Scope:
2008	Atlanship	Lindenau	GL		Structure and Marine systems

Project description:



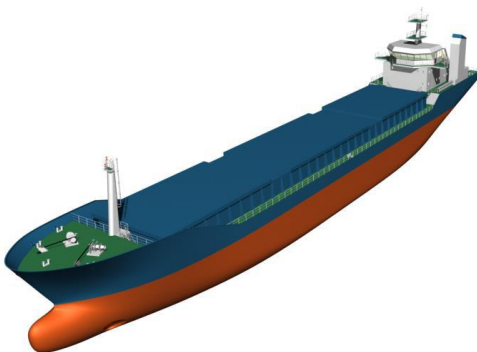
Design documentation for class:

- Structural analysis
- Structural analysis Tanks and supports
- Class drawings
- Marine systems
- Stability
- Various vessels: Orange Sky and Orange Star

Bulk Carrier – 7500 DWT

Year:	Client:	Yard:	Class	Man-hours	Scope:
2011-2012	Brevik BC 75	Not built	DNV		Complete vessel design

Project description:



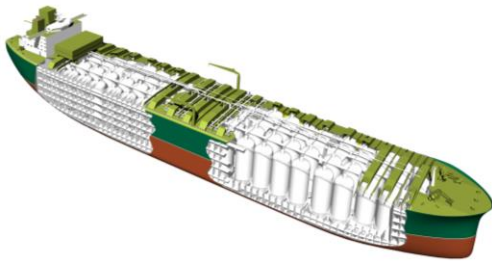
Design documentation for class:

- GA
- Lines and resistance
- Machinery and propulsion
- Marine Systems
- HVAC
- EIT
- Structural analysis
- Class drawings
- Stability

Sargas Green Tanker for Oil/CO2

<i>Year:</i>	<i>Client:</i>	<i>Yard:</i>	<i>Class</i>	<i>Man-hours</i>	<i>Scope:</i>
2009	Sargas	Not built	DNV		Complete vessel design

Project description:



Design documentation for class:

- GA
 - Marine systems
 - Loading and unloading evaluation
 - Refrigerants evaluations
 - Structural analysis
 - Structural analysis Tanks and supports
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Other Merchant vessel reference projects

<u>Year:</u>	<u>Project title:</u>	<u>Client:</u>	<u>Project description:</u>
2008	Confidential	Aker Philadelphia	Shuttle Tanker: FEED for conversion of tanker to full DP shuttle tanker to GOM
2008	Confidential	OSG	Mooring support modifications – arrangement and structure
2008	Navion Stavanger	Teekay Norway AS	Shuttle Tanker: Load balance Upgrading due to DP 2 operation.
2006-2007	Navion Gothenburg	Teekay Norway AS	Shuttle Tanker: Conversion of tanker M/T “Roviken” to shuttle tanker for Brazil. Design/production drawings (structure and mechanical) for installation of BLS, installation of tunnel thrusters and azimuth thrusters (retractable), design of new engine room aft for four diesel generators. Responsible for inclining experiment in Dubai. Stability calcs, intact, damage, loading conditions
2006	Navion Bergen	Teekay Norway AS	Shuttle Tanker: Conversion of tanker M/T “Bergitta” to shuttle tanker for Brazil. Design/production drawings (structure and mechanical) for installation of BLS, installation of tunnel thrusters and azimuth thrusters (swingup), design of new engine room aft for four diesel generators, new accommodation block. Responsible for inclining experiment in Dubai. Stability calcs, intact, damage, loading conditions
2005	Basker Spirit	Teekay Norway AS	Shuttle Tanker: Engineering for modifications of accommodation, mooring, hazardous areas, crude oil vent system and helideck.
2005	Several Shuttle	IUM AS	Shuttle Tanker: Assessment and solution for hull cracks.
2003	Rio Spirit & Brasilia Spirit	Teekay Norway AS	Shuttle Tanker: Aframax to shuttle tankers for Brazil Operations, new thrusters, BLS, power, bow door, all disciplines.
2002	Stena Alexita	IUM ASs	Shuttle Tanker upgrading with regards to VOC installation – VOC module, Storage tank and Boiler.
2001	White Rose Project	Ugland Nordic Shipping	Assessment of winterisation of three shuttle tankers, cost, spec and planning.



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