

FIONIA SWAN

15000 DWT OIL PRODUCT & CHEMICAL TANKER



DESIGN INFORMATION

The ice-classed and single decked ship is equipped with innovative azimuth propulsion system with two units. The ship is designed for unrestricted navigation and service, being capable to carry a large range of liquid IMO II type cargoes (acc. to IBC Code), vegetable oils, oil products and withstands cargoes with specific gravity up to 1.90 t/m³. The hull structure is strengthened with double bottom and double skin. No structural element faces the coated cargo tanks. The hull form is designed for minimum design resistance overall provides and environment-friendly, cost-effective, reliable and flexible unit. One deep-well pump is installed for each tank while complete segregation for each cargo tank is provided with one vapour return line.









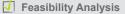
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Service Provided



Shipyard Selection

Project Planning & Scheduling

Equipment & Material Determination

Procurement Consultancy

Production Control Engineering

: Technical and market analysis for optimum type, dimensions, tonnage, speed and operational abilities

: Finding and suggesting most convenient shipyard in terms of capacity, orderbook, cost and experience

: Planning & scheduling the project activities according to time, resources, inputs, budget and ROI

: Determining the equipment and material specifications based on ship's operational purposes : Gathering the manufacturers' proposals, preparation of technical and financial evaluation report

: Control of every stage of the production starting from delivery supervision till sea trials

Ship Take-Over Process Management : Management of ship's registry operations and confirmation for compliance of the ship with requirements

Outfitting Units Production & Assembly: Production and/or assembly of outfitting units such as ladders, handrails, manholes, etc.

Machinery Systems Assembly : Assembly of machinery systems such as main engine, boiler, generator, pump, etc.

piping Systems Production & Assembly: Production and assembly of piping systems in deck, engine room, etc.



Ship Information

Project No : OMG-002

Ship Type : Tanker for Chemicals IMO II & Oil Products

Owner : Uni-Tankers A/S - Denmark

Shipyard : Deniz Endustrisi A.S. (Cicek Shipyard) - Turkey

Hull Number : 34

: Delta Marine Co. Designer

Class Society : Bureau Veritas Class ID : 04167G IMO Number : 9328974

Class Notation : BV I № HULL № MACHINERY, CHEMICAL TANKER, OIL TANKER, ESP, UNRESTRICTED NAVIGATION, SYS NEQ 1 № AUT-UMS, ICE CLASS IA, CLEAN SEA, AVM - DPS,

IG, VCS, INWATERSURVEY, MANOVR



Main Dimensions

L _{OA}	148.00 m
L _{BP}	139.50 m
B (molded)	21.60 m
D (molded)	11.30 m
Draught (design)	8.50 m
Draught (scantling)	8.60 m



Tonnage & Capacities

DWT	15 602 t
Cargo Cap.	18 310 m
Crew	20



Speed & Propulsion System

Design Speed Main Engine **Propulsion System** 15 knots, 90% MCR, 10% sea margin Bergen, B32:40L8P, 2 x 3600 kW, 720 rpm Rolls Royce, Aquamaster CP Azimuth

Thruster, 2 x 3240 kW, 3400 mm, 182.3 rpm,

NiAlBr



Contracting

Business

Technical Consultancy