

# SHIP PARTICULARS

## PRINCIPAL PARTICULARS

Name:	ANDINO ALPHA	Classification Society:	RINA	Builder:	Asakawa Shipbuilding Co.
Flag:	PANAMA	Class:	NS* (Tanker, Molasses or Oils-flashpoint below 60°C and Chemical Type II & III) (ESP) MNS*	Date Keel laid:	05 June 2001.
Port of Registry:	PANAMA	Type of Ship:	Oil Tanker / Chemical Tanker	Date Launched:	19 Oct 2001.
Call Sign:	3FMW6	Type of Hull:	Double-hull	Date Delivered:	24 Jan 2002.
IMO Number:	9254202			Navigation Area:	Ocean going
Official Number:	45506-PEXT			Anchors & Chains:	2 x 10 shackles (58mm x 550m)
Cert. of Registry Number:	45792-14			Propeller:	4 blades Fixed type

## DIMENSIONS

Length Overall :	134.16m / 440.16ft	Distance Bow to Bridge:	113.00 m / 370.73 ft	Light Ship parallel body:	46.31m / 151.94ft
Length Between Perpendiculars:	125.00m / 410.10ft	Distance Stern to Bridge:	21.16 m / 69.42 ft	Normal Ballast parallel body:	50.49 m / 165.65 ft
Register Length:	125.00m / 410.10ft	Distance Bow to Mid-Manifold:	63.24 m / 207.48 ft	Summer Deadweight parallel body:	58.39 m / 191.57 ft
Extreme Breadth:	N/A	Distance Bridge to Mid-Manifold:	49.76 m / 163.25 ft		
Breadth Molded:	20.50m / 67.26ft	Distance Stern to Mid-Manifold:	70.92 m / 232.68 ft		
Total Depth:	N/A	Distance Bow to Bunker Manifold:	70.80 m / 232.28 ft		
Depth Molded:	11.60m / 38.06ft	Distance Stern to Bunker Manifold:	63.36 m / 207.87 ft		
Keel to Masthead:	35.83 m / 117.55 ft				

## TONNAGE

Gross Tonnage:	8253
Net Tonnage:	4735
Panama Tonnage:	6980
Suez Tonnage:	8580.37
Light weight	4408

## LOADLINES

	Tropical	Summer	Winter	Winter N.A.	Tropical fresh	Fresh
Freeboard (m):	2.681	2.863	3.045	3.045	2.484	2.666
Draft (m):	8.945	8.763	8.581	8.581	9.142	8.960
Deadweight (t):	14472.0	14045.0	13619.0	13619.0	14464.0	14046.0
Displacement (t):	18880.0	18453.0	18027.0	18027.0	18872.0	18454.0
FWA (m):	0.197	TPC	23 mt			

## MANIFOLD ARRANGEMENT

Cargo manifolds per side (size & number):	6x200mm 8", 22x150mm 6"	Cargo manifold to Cargo manifold:	700 mm / 2.30 ft
Cargo Common line manifolds per side (size & number):	1 x 250mm (10")	Cargo manifold to Bunker manifold:	300 mm / 0.98 ft
Vapour return manifolds per side (size & number):	5 x 150mm (6")	Cargo manifold to Vapour return manifold:	700 mm / 2.30 ft
IGS manifolds per side (size & number):	N/A	Manifold to Ship's side:	3050 mm / 10.01 ft
Bunker manifolds per side (size & number):	1 x 150 mm (6")	Manifold to Ship's rail:	2760 mm / 9.05 ft
		Centre of manifold to Spill tank grating:	780 mm / 2.56 ft
		Centre of manifold to Top of rail:	860 mm / 2.82 ft
		Centre of manifold to Main deck:	1900 mm / 6.23 ft
		Top of rail to Main deck:	1040 mm / 3.41 ft
		Manifold connections above waterline at Summer DWT:	4.74 m / 15.55 ft
		Manifold connections above waterline at Normal Ballast:	9.00 m / 29.53 ft
		Centre of manifold to Keel:	13.50 m / 44.29 ft

## TANKS & PUMPS

Number of Cargo tanks:	28	Number of Ballast Tanks:	26	Kind of Cargo pumps:	Submerged type hydraulic motor-driven pump
Number of Slop Tanks:	2 x 14 P/S	Total Ballast capacity:	3810.33 cubm	Type of Cargo pumps:	FRAMO
Total capacity of Cargo tanks including Slop tanks:	16571.082 cubm	All Ballast tanks:	Coated with Epoxy	Capacity of Cargo pumps:	6 x 300 cubm/h (4-8-12 P/S) and 22 x 200 cubm/h (1-2-3-5-6-7-9-10-11-13-14 P/S)
98% capacity of Cargo tanks including Slop tanks:	16239.660 cubm	All Ballast tanks:	SBT (Segregated Ballast Tanks) 3810.33 cubm	Kind of Ballast pumps:	Electric motor driven
All Cargo tanks:	Stainless Steel SUS-316L	Cargo tank heating:	Thermal (11P/S) & Steam (Other)	Type of Ballast pumps:	Centrifugal type
Portable cargo pump:	Submerged pump 70 cubm/h	Design special loading:	1.90 t/m <sup>3</sup>	Capacity of Ballast pump:	250 cubm/h
Molasses booster pump:	Twin screw pump 175 cubm/h	Cargo tank material:	SUS316L solid & clad (3mm) S/S		
Butterworth pump:	Centrifugal type 90 cubm/h x 2				

## PROPULSION

Main Engine type:	Hitachi B&W 6S35MC(Mk-7)
Main Engine power:	4457 kW (6060 Hp) x 173 rpm
Bow thruster:	800 Hp

## COMMUNICATION

Inmarsat C - Tx.:	435455612- GY66032 (CHPR)
Iridium Sat Ph:(Bridge)	881677727706
V-Sat:	85258089812 / 31102680111
MMSI:	354556000
E-mail:	<a href="mailto:master@andinoalpha.amosconnect.com">master@andinoalpha.amosconnect.com</a>

## OWNER / OPERATOR

	Full Name	Address	Tel.	Fax
Technical Operator	Fleet Management Ltd	27th Floor, South Island Place 8 Wong Chuk Hang Road HONG KONG	85225281550	8522581550
Registered owner	Chemical Knack Inc	TRUST COMPANY COMPLEX, AJELTAKE ISLAND, MAJURO, MARSHALL MH96960, Marshall Islands Email: mail@pontosmarine.gr		
Commercial operator	ANDINO SHIPPING.LLC	ANDINO SHIPPING.LLC 330 POST OAK SUITE 1330, HOUSTON TX 77056 PHONE : +1 281 9531080/1081/1082		

