



## ***m.v. "Conception Light"***

(ex-"Crescent Harbour")

Owner: Santa Barbara Navigation Limited, Hong Kong

Call sign: VROJ6

Official no. HK-4307 IMO no. 9370147

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Open hatch general cargo ship, classed NK, Hongkong registry, Safety Management Certificate no. MQS

Built: December 2007 Kanda Ship Building Co., Ltd.

Last d/d: November 2012 Special survey due: December 2017

Dwt: 32,256mt on 10.02 m summer draft

LOA: 177.13m Beam: 28.40m

Gross tonnage: 20,238 (International) Net tonnage: 10,947 (International)

Light displacement tonnage: 7,422

Gear: 4 x 30.5t SWL Mitsubishi hydraulic cranes Crane outreach: 24 meters from centerline

5 holds; 5 folding jackknife hatchcovers

Cargo hold capacity:	Grain (Cuft)	Bale (Cuft)
No. 1	204,541	198,044
No. 2	335,488	323,022
No. 3	335,488	323,022
No. 4	335,488	323,022
No. 5	293,216	285,164
Totals:	1,504,220	1,452,272

Strengthened for heavy cargoes; alternate hold loading permitted with no. 2 and no. 4 empty or no. 1, no. 3, and no. 5 empty

Australian hold ladders; CO2 fitted; Rightship x Star accredited

Natural ventilation, CO2 fitted; Cement holes fitted (2 sets/hatch; 700mm)

Hatch size (clear opening):

No. 1	13.60 m (L) x 15.80 m (W)
No. 2 - 4	20.80 m (L) x 24.00 m (W)
No. 5	19.26 m (L) x 24.00 m (W)

Approximate flat tank top dimensions (meters):

Hold	Length	Width
No. 1	24.0	6.5 (F) - 24.0 (A)
No. 2 / 3 / 4	27.8	24.0
No. 5	26.2	24.0 (F) - 9.8 (A)

Height from deck to underside of crane pedestal platform 8.7m; from hatchcover to underside of jib crane 5.5m

Constants: 180 tons + 75 tons unpumpable ballast

Draft:	Ordinary
Summer	10.020 m on 32,255.91 mt
Winter	9.812 m on 31,344.12 mt
Tropical	10.228 m on 33,171.34 mt
Fresh water	10.246 m on 32,258.76 mt
Tropical fresh water	10.454 m on 33,155.57 mt

TPC fully laden: 43.8 mt

TPC at 20,000 dwt: 41.3 mt

Panama Gross: -

Panama Net: 16,890.00

Suez Gross: 20,552.60

Suez Net: 18,894.31

Bunker capacity: 1,840.99 cbm IFO; 92.90 cbm MDO

Ballast capacity: 12,360.32 cbm

Strengths:

Tanktop:	Uniform load	Local strength
Hold no. 1	14.4 – 15.0 mt/m2	18.0 mt/m2
Hold no. 2 – 5	15.0 mt/m2	19.5 mt/m2
Deck	3.77 mt/m2	

Maximum air draft 30.78m laden (SSW); 34.81m ballast; distance from water line to top of hatchcoaming 5.98m laden on even keel SSW draft; in ballast (500mt IFO/40mt MDO) 11.24m at ho. 1; 11.20m at ho. 2; 11.16m at ho. 3; 11.13 at ho. 4; 11.10m at ho. 5

Main engine Mitsubishi 6UEC52LA Diesel MCR 9,000 PS @ 125 rpm

Two 440 KW Yanmar 6N18AL - DV auxiliary powered generator sets

Speed/consumption (Bunkers in accordance with ISO-8217:2005 RMG 380 and ISO-DMB) :

about 13.5 knots on about	20.8 mt/day ballast / 23.5 mt/day laden IFO plus 0.2 mt/day MDO
about 13.0 knots on about	19.0 mt/day ballast / 20.8 mt/day laden IFO plus 0.2 mt/day MDO
about 12.5 knots on about	17.8 mt/day ballast / 18.5 mt/day laden IFO plus 0.2 mt/day MDO
about 12.0 knots on about	16.8 mt/day ballast / 17.5 mt/day laden IFO plus 0.2 mt/day MDO

Speed/consumption basis good weather no adverse currents, no negative influence of swell and maximum Beaufort 4

Douglas sea state 3; main engine consuming MDO in confined waters and while maneuvering

Port consumption gear idle: about 2.5 mt/day IFO plus about 0.2 mt/day MDO

Gear working 24 hours/day: about 3.8 mt/day plus about 0.2 mt/day MDO

Owners P&I: Swedish Club

H&M Value: US\$11,000,000

Commercial Managers: Santana Maritime Holdings Ltd.

Technical managers: Key Ship Management & Consulting JLT.

Indian/Sri Lankan crew/officers number: 21

*All details are about, given in good faith, believed to be correct, but without guarantee.*