



**M/V 'ATLANTIC DAWN'**

Valid as of 10 November 2017

<b>Registration</b>	
Call sign	PCUS
IMO number	9671450
Port of registry	Urk
Flag state	The Netherlands
Shipyards	Shipkits B.V.
Year/Place of delivery	2013/Harlingen
Class	Bureau Veritas
Class notation	I ⊗ HULL ⊗ MACH General Cargo Ship, Heavy Cargo, Container Ship, Open Top vessel, AUT-UMS, Unrestricted Navigation
P&I Club	British Marine
<b>Tonnage</b>	
Displacement	8268 mt
DWAT	4400 mt
DWCC	Abt. 3300 mt
Gross tonnage	5460
Net tonnage	1638
<b>Dimensions</b>	
Length over all	111.60 m
Length between p.p.	102.00 m
Breadth over all	16.94 m
Breadth moulded	16.40 m
Summer draught	5.95 m
Depth moulded	9.30 m
Height keel to top mast	34.00 m
<b>Hold/hatch sizes</b>	
Number of holds/hatches	1/1
Hold capacity	About 6770 m <sup>3</sup> /239000 ft <sup>3</sup>
Lower hold dimensions	45.20 x 11.50 m
Tween deck dimensions	63.50 x 12.00 m
Hatch dimensions	66.00 x 12.00 m
Weather deck dimensions	91.00 x 16.80 m
Hold height	10.58 m
1 <sup>st</sup> pos. Tanktop -> Tween deck	4.25 m
Tween deck -> Hatch cover	5.73 m
2 <sup>nd</sup> pos. Tanktop -> Tween deck	6.03 m
Tween deck -> Hatch cover	3.95 m
3 <sup>rd</sup> pos. Tanktop -> Tween deck	7.82 m
Tween deck -> Hatch cover	2.16 m
Hold floor surface	1310 m <sup>2</sup>
Deck floor surface	1529 m <sup>2</sup>
<b>Container capacity</b>	
Hold capacity	124 TEU
Deck capacity	137 TEU
Total	261 TEU
Stack weight TEU/FEU	Tanktop: 100/122 mt Hatchcovers: 25/40 mt
TEU slots for IMO class 1	62 on deck

<b>Deck loads</b>	
Tanktop	15.0 mt/m <sup>2</sup>
Tanktop forward	25.0 mt/m <sup>2</sup>
Tween deck pontoons	3.5 mt/m <sup>2</sup>
Fixed tween decks fore	15.0 mt/m <sup>2</sup>
Hatch covers	3.0 mt/m <sup>2</sup>
Steel decks on weather	3.5-4.5 mt/m <sup>2</sup>
Stability pontoon	1.0 mt/m <sup>2</sup>
<b>Hatch covers/Tween deck</b>	
Type of hatch covers	11 removable pontoons
Tween deck pontoons	7 removable pontoons
Open top condition	Certified for open top at sea
<b>Propulsion/Maneuvering</b>	
Main Engine	4000 kW
Bow thruster	300 kW
Stern thruster	300 kW
Propeller	Variable pitch propeller
Rudder	Semi balanced rudder
Service speed	15.0 kn
<b>Bunkers/Ballast capacity</b>	
Heavy fuel oil	437 m <sup>3</sup>
Marine gas oil	154 m <sup>3</sup>
Lubricating oil	15 m <sup>3</sup>
Fresh water	35 m <sup>3</sup>
Ballast water	3460 m <sup>3</sup>
<b>Cargo gear</b>	
Cranes on starboard side	2 x NMF 150 mt SWL
Load/Outreach	150 mt/4.0-16.0 m 120 mt/4.0-19.0 m 95 mt/4.0-24.0 m 80 mt/4.0-28.0 m
Tandem load	300 mt SWL
Lifting beam on board	1 x 10.0 m, WLL 290 m
Spreader beams on board	2 x 3.0-15.0 m, WLL 150 mt (configurable)
<b>Lifting heights</b>	
At 4.0 m outreach	26.2 m
At 16.0 m outreach	24.6 m
At 19.0 m outreach	22.3 m
At 24.0 m outreach	16.7 m
At 28.0 m outreach	7.2 m

*All details are believed to be correct but without guarantee.*

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