



MARINE DIVISION

Certificate number: 01813CHN12

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CERTIFICATE FOR WINDLASS

Manufacturer : Rolls-Royce Marine (Shanghai) Limited (Shanghai - CHN)
Shipyard : Sainty Shipbuilding (Yangzhou) Co.,Ltd. (YANGZHOU - CHN)
BV Register N° : 20468A **Hull N°** : SAM10015B
Requirements : Bureau Veritas Rules for the Classification of Steel Ships (Jul. 2011)

Product description : **Anchor Windlass/Mooring Winch**
Design review : Reference(s) : NPO10/1339: 514-P688/P689 (Rev.0)
Quantity : 2 sets

Type : MW160HA/CU81U3
Drawing number & revision : 514-P688/P689 *1932*
Chain cable diameter : 81mm
Prime mover type : HYDRAULIC MOTOR
Rated load : 312kN
Rated speed : 9.0m/mn
Piece / Serial number(s) : 1 set / 55443-W1(cable lifter)/55442-M11(mooring winch)
 : 1 set / 55445-W2(cable lifter)/55444-M22(mooring winch)

Enclosures / Remarks :

This certificate is issued by Bureau Veritas as per the above Classification Rules and in compliance with the applicable technical requirements therein.

Marking : 01813CHN12
Last survey : 30 Jan 2012
Surveyor : Shunda Zhang

Issuance date : 05 Feb 2012
Office : BV SHANGHAI



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Exhibit 1 Coast Guard Production

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