



COVER PAGE No. RTD0/PWS/20201026085201

**RECORD OF EQUIPMENT RELATED TO  
OZONE DEPLETING SUBSTANCES AND NITROGEN OXIDES (NO<sub>x</sub>)  
Under the provision of Marpol, Annex VI**

Name of Ship BV Register: <b>15356T</b>	Distinctive number or letters	Nationality Port of Registry	IMO	Gross Tonnage	Date Keel Laid
<b>ARKLOW DALE</b>	<b>PDTT</b>	<b>ROTTERDAM</b>	<b>9504126</b>	<b>6687</b>	<b>20 April 2010</b>

*Scanned Record initially*

*issued by : Bureau Veritas Marine & Offshore  
issued on : 14 October 2010*

Issued at Rotterdam, on the 26 October 2020

**BUREAU VERITAS  
MARINE & OFFSHORE**

P.J. Wisse



This document is electronically signed and does not require a manual signature as defined in IMO guideline FAL.5-Circ.39.

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By Order of the Secretary



**RECORD OF EQUIPMENT RELATED TO  
OZONE DEPLETING SUBSTANCES AND NITROGEN OXIDES (NO<sub>x</sub>)  
Under the provision of Marpol, Annex VI**

Record No : GNG0/WVE/20101011100527

This form must be kept on board and be available for inspection by a nominated Surveyor at all times.

Name of Ship BV Register: <b>15356T</b>	Distinctive number or letters	Nationality Port of Registry	IMO	Gross Tonnage	Date Keel Laid
<b>FLINTER ARCTIC</b>	<b>PCFU</b>	<b>Netherlands ROTTERDAM</b>	<b>9504126</b>	<b>6687</b>	<b>20-04-2010</b>

**Part 1** Ozone Depleting Substances Reg.12

**Part 2** Nitrogen Oxides (NO<sub>x</sub>) Reg.13

This form has been completed by a surveyor of BUREAU VERITAS. The information contained in this record is a correct description of the arrangements provided on board.	
District :	<b>GNG</b>
Date :	<b>14/10/2010</b>
Surveyor Name and Signature :	<b>W. Verschuure</b>
SSOM Name and Signature :	<b>J. Baart</b>

**RECORD OF EQUIPMENT RELATED TO  
OZONE DEPLETING SUBSTANCES AND NITROGEN OXIDES (NO<sub>x</sub>)  
Under the provision of Marpol, Annex VI**

**PART 1 : OZONE DEPLETING SUBSTANCES Reg.12**

**Fire-extinguishing systems and other equipment containing ozone depleting substances.**

Note : Ozone depleting substances, enter the corresponding letter :

**H** - Fire-extinguishing system and equipment containing Halons

**CFC** - Systems and equipments containing chloro fluo carbons (CFC)

**HCFC** - Systems with equipments containing hydro chloro fluo carbons (HCFCs)

**O** - Other specify

<b>System / Equipment</b>	<b>Location</b>	<b>Ozone Depleting Substances</b>
	n.a.	none

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**PART 2 : NITROGEN OXIDES (NO<sub>x</sub>) Reg.13**

**Diesel engines installed on board falling under the scope of Reg.13.**

Manufacturer Model	Serial Number	Use (1)	Category (2)	Power (KW) Speed (RPM)	EIAPP Certificate Reference Issuing Body	TF (3)	OVP (4)
Caterpillar Motoren GmbH & Co KG; MAK 8 M 32 C	38868	E2	1	4000kW @ 600 rpm	GL99775-10 HH	yes	yes
Mitsubishi Heavy Industries Equipment Europe B.V. S6B3 - MPTA	37027	D2	1	335 kW @ 1500 rpm	LRS ROTNX 1093057/01	yes	yes
Mitsubishi Heavy Industries Equipment Europe B.V. S6B3 - MPTA	37215	D2	1	335 kW @ 1500 rpm	LRS ROTNX 1093057/02	yes	yes

The power stated on the name plate of all engines to which Reg.13 applies is equal to power stated on respective engine EIAPP certificate.

(1) Main Propulsion FPP : E3 / Main propulsion CPP, DE : E2 / Auxiliary constant speed: D2 / Auxiliary variable speed, variable load : C1

(2) Category (relevant figures to be entered in table above) :

- 1) The diesel engine with power output greater than 130 kW, and installed on a ship constructed on or after 1 January 2000, complies with the emission standards of regulation 13(3)(a) in accordance with the NO<sub>x</sub> Technical Code.
- 2) The diesel engine with power output greater than 130kW, and which underwent major conversion per regulation 13(2) on or after 1 January 2000, complies with the emission standards of regulation 13(3)(a) in accordance with the NO<sub>x</sub> Technical Code.
- 3) The diesel engine with a power output greater than 130kW and installed on a ship constructed on or after 1 January 2000, or with a power output greater than 130kW and which underwent major conversion per regulation 13(2) on or after 1 January 2000, is fitted with an exhaust gas cleaning system or other equivalent methods in accordance with the NO<sub>x</sub> Technical Code.
- 4) The diesel engine under item 1), 2) and/or 3) is fitted with NO<sub>x</sub> emission monitoring and recording devices in accordance with the NO<sub>x</sub> Technical Code.

(3) Original of approved Technical File (TF) and an On Board verification procedure is available on-board.

(4) On-board verification procedure (OVP) performed without non-conformities.