

ATTACHMENT (C)

Crowley Marine Services

M/V AWARE – John Deere Model 6090AFM85 Generator Set Specifications

200kW Prime Power, Marine Generator Sets	
Qty	DESCRIPTION
2	Engine: John Deere Model 6090AFM85 1800rpm, GenDrive, Electronic, EPA Tier 3 Compliant
	Cooling System: Keel Cooled EPA T-III Compliant
	High Pressure Common Rail, Turbocharged and Aftercooled SAE 1 Flywheel Housing w/ 14" Flywheel
	Emergency Shutdowns of High Water Temp, & Low Oil Pressure
	Engine Overspeed Shutdown Feature
	24V DC Electrical System w/out Alternator
	Murphy PowerView w/ PV101 Electronic Engine Control Panel
	Emergency Shutdowns of High Water Temp, & Low Oil Pressure
	Engine Overspeed Shutdown
	Racor Crankcase Ventilation Kit Installed
	White Imron Polyurethane Paint
	24V DC Electrical System w/out Alternator
	Wiring, Component Assembly, Painting, Test Run & Calibrate
	Dry Exhaust Elbow w/ Mating Flange, Gasket & Hardware
	Heavy Duty Structural Steel Sub-Base w/ Pump Drive Brackets
	Six Point Sub-Base Isolation Mounting System
	Sub-Base Pedestal Risers
	Oil Drain Valve Kit
	Drip Pan, Bolt on Installed
	Low Oil Pressure Pre- Alarm Switch, Dry Contact, Installed
	High Coolant Temperature Pre – Alarm Switch, Dry Contact, Installed
	Oil Pressure Switch for Starter Lock Out, Dry Contact, Installed
	Pigtail for Annunciator for Connection to Ships Alarm Panel
	Pedestal Mount for Control Panel & ECU
	Permanent Magnet Generator & DVR2400 E+ Regulator
	Drip Cover IP22 Standards
	Space Heater for Mariner Generator
	Lube Oil Level Safety – Alarm Contacts
	Transient Voltage Protection Module
	TDI Air Starter
	Engine Expansion Tank Adapter for Remote Make-Up Tank

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	SeaDrive Front SAE 2 Housing
	Air Actuated Clutch w/Spider
	Drum and Drum Adapter for Clutch
	Housing / Adaptor, SAE 2 to Twin Hydraulic Pump Drive
	Soft Start / Inflation Panel for Clutch, Ship Loose
	SeaDrive Installation
	Fuel Service Manual, CD
	Service Manual, CD
	Parts Manual, CD
	SCOR, Sea Change Oil Regeneration System, Installed
	Fire Sleeve, Installed
	Pedestal Mount for SCOR System
	SeaStop Emergency Air Intake Shutoff System
	Alarm System Contact Terminal Strip, Installed
	Generator Feeder Cable Junction Box
	6" Super Flex 321 Stainless Steel, 5 Ply, Bellows w/ Floating Flange, JD Flange, & Flow Liner
	Torsional Vibration Analysis