		<u></u>		****					120	********	·	
CableLabel FT-LAZS4	Category Doors	Group Doors	Ifem Lazarette Transom Ogor	Label Lazarette Transom Door		Connection NC	Filter	Unit Status	Man	Max	ZoneMin	ZoneMax
FT-LAZZZ	Dears	Doors	Shore Power Hatch	Shore Power Hatch	WatertightDoorOper5Fld	NC NC	1	Status	ō			1
FT-LAZ15	Efectrical System	Share Power	Shore Power General Alarm	Shore Power General Alarm		NC	4	Atarm	0		for every	Į
FT-LAZ18	Electrical System	Shore Power Shore Power	Shore Power Input Power Available Shore Power Load Alarm	Shore Power Input Power Available Shore Power Load Alarm		NC NC	ļ	Alarm	G	· · · · · · · · · · · · · · · · · · ·	f	
FT-LAZ16 FT-LAZ19	Electrical System Electrical System	Shore Power	Shore Power Cutput Power Available	Shore Power Cutput Power Available	Aux2Cms	NC		Alarm	6		<del>!</del>	1
PT-LAZ17	Electrical System	Shore Power	Shore Power Thermal Alarm	Shore Power Thermal Alarm	:Alarm03Fid	NC NC NC	I	Alarm	0		1	1
FT-LAZ61	Fire	Fire Alarm System	Novec CO2 Release Backup Power Failure	Novec CO2 Release Backup Power Failure	Alarmifire4Fid	NC		Alarm Alarmi			ļ	
FT-LAZKO	Fire	Fire Alarm System	Novec CO2 Release Main Power Failure	Novec CO2 Release Main Power Fallure	AlarmFire3Fid	PK	÷	P4569 [1]			g	-
	FT NavVision	Fuses	Puse Pump Room Alarms 1	Fuse Pump Room Alarms I	AlarmNetworkCable48Fld	NO	J	Alarm	Ö	4	1	1
FT-APCREW	Alarm Panels	Alarm Panel Crew Mess	Alarm StiZZER	Alarm	AlarmProAudibleOutputMessroomCmd AlarmProAudibleOutputEngineersCabinCmd	NO NO	4	Switch			ļ., , , , , , , , , , , , , , , , , , ,	
FT-APENG FT-APCREW	Alarm Penels	Alarm Panel Engineer Cabin Alarm Panel Crew Mess	Alarm SUZZER Activate And Lamp Test SWITCH	Alarin Station Activate	AlarmProActivateMesscoomCmd	NO	4	Switch Status	6		f	4
FT-APCREW	Alarm Panels	Alarm Panel Crew Mess	(Dim SWITCH	Dłm	AlarmProDimSwitchHessroomCmd	NO	1	Status	9	1		1
FT-APCREW	Alarm Paneis	Alarm Penel Crew Mess	Silence Alarm SWITCH	Silence Ajarm		NO		Status	0			
FT-APENG FT-APENG	Alarm Panels Alarm Panels	Alarm Panel Engineer Cabin Alarm Panel Engineer Cabin	Activate And Lamp Test SWITCH Dim SWITCH	Station Activate Dim	AlarmProActivateEngineersCabinCrnd AlarmProDintSwitchEngineersCabinCrnd	NO NO	÷	Status Status			4	4
FT-APENG	Alarm Panels	Alerm Panel Engineer Cabin	Silence Alarm SWITCH	Silençe Alarm	: AlarmProAcknowledgeEngineersCabinCind	NO	4	Status	Ö		1	1
FT-PLIMP18	FT NavVision	Networking	Network Switch Lower Guest Area Alarm	Network Switch Lower Guest Area Alarm		NC	i	Alaym_	0			
FT-APCREW FT-APCREW	Alarm Panels	Alarm Panel Crew Mess Alarm Panel Crew Mess	Alarm LED Dim LED	Alarre		NO NO	į	Switch Switch			\$	4
FT-APCREW	Alarm Panels Alarm Panels	Alarm Panel Crew Moss	Station Active LED	Station Active	Alannarough activeMessroomCmd	NO		Switch	ő			+
FT-APENG	Atarm Panels	Alarm Panel Engineer Cabin	Alarm LED	Alarm	AtarmProjnAlarmEngineersCabinCmd	NO .	· · · · · · · · · · · · · · · · · · ·	Switch	0		I	
FT-APENG	Alarm Paneis	Alarm Panel Engineer Cabin	Dim LEO	Dim Station Active		C¥0 O≱r		Switch Switch	<u>2</u>		ļ	
FT-APENG	Alarm Panels FT NevVision	Alarm Panel Engineer Cabin Fuses	Station Active LED Fuse Pump Room Alarms 2	Fuse Pump Room Alarms 2		NO	÷	Alarm	ö	····	\$ ·	4
FT-LGAUI	Bilde	Bride Alarms	Bilge Alarm Bowthruster room	Bilge Alarm Bowthruster room	.AlarmBilge4Fid	NC	. j	Alarm	Č.		1	1
FT-LGA05	Bilge	Bilge Alarms	Stige Alarm Forepeak PS	Silon Alarm Forepeak PS	AlarmBilge8fid	NC		Alajm				
FT-LGAD6 FT-LGAG3	Brige Bilge	Bilge Alarms Brice Alarms	Silge Alarm Forepeak SB Silge Alarm Guest Area PS	Bilge Alarm Forepeak 58 Bilge Alarm Guast Area PS	AlarmBilge9Fld AlarmBilge6Fld	NC NC	·	Alarm Alarm			\$	·
FT-LGA04	Bitge	Brige Alarms	Bilge Alarmi Guest Area SB	Bilge Alarm Guest Area 58				Alarm		······································	¥	\$
FT-LGA02	Bilge	Bilge Alarms	Bilge Alarm Pump Room PS	Bilge Alarm Pump Room PS	AlarmBilge5Fld	NC		Alarm				
FT-LGA19	Bilge Doors	Bilge Alarms Watertight Doors	Bilge Alarm Fump Room SB Watertight Door (FR:19)	Bilge Alerm Pump Room 58 Watertight Door (FR:19)	AlarmEilge3Fld WatertightDoorOpen1Fld	NC	4	Alarm Status	Q		. j	ļ
FT-LGAU7 FT-LGA08	Doors	Watertight Doors	Watertight Door (FR:38)	Watertight Ocer (FR:38)	WatertionsDoorOpen2Fld	NC NC NC NC	. Ž	Status	6		J	
FT-LGA09	Doors	Watertight Doors	Waterbight Sliding Door (FR:27)	Watertight Sliding Door (FR:27)	WatertightDcgrOpen3Fld	NC NC		Status	. 0			.}:
FT-LGA36	Tanks	Black Water Tanks	Stack Water Pump Start Status Tana	Black Water Pump Start Water Tank	BlackWaterPume1Crtd RinginitatorCont (audi0td	NC.		Status	0		į	ş
FT-UGA35	Tanks	Black Water Tanks	Black Water Tank	Black Water Tank		NC		Alarm	9	4	·	2
FT-LGA12	Tanks	Fuel Tanks	Fuel Tank Level PS (1)	Fuel Tank Level PS (1)	PuelTankLeveliFld	NO	. [	%	O,	100	·	
FT-LGA13	Tanks	fuel Tanks	Fuel Tank Level SS (2)	Fuel Tank Level SB (Z)	FuelTankLevel2Fid	NO		%	,	100	ţ	
FT-LGA14 FT-LGA15	Tanks Tanks	Fuel Tanks	Fuel Tank Level PS (3) Fuel Tank Level SB (4)	Fuel Tank Level PS (3) Fuel Tank Level S8 (4)		NO NG	· ‡	:79 %	2	100	`	4
FT-LGA16	Tanks	Fuel Tanks	Puel Tank Level PS (5)	Fuel Tank Level PS (5)	FuelTankLevelSFld	NO	Î	ξ <sub>fb</sub>	ő	100		2
FT-LGA17	Tanks	Fuel Tanks	Fuel Tank Level S8 (5)	Fuel Tank Level SB (6)	FuelTanks.evel6Fld	NG		G/c	Ē	100	4	
FT-LGA10	Tanks Tanks	Water Tanks Water Tanks	Fresh Water Tank Level PS Fresh Water Tank Level SB	Fresh Water Tank Level PS Fresh Water Tank Level Sis	SweetWaterTankLevel1Fld SweetWaterTankLevel2Fld	NO NO		%	0	100	<u> </u>	٠
FT-UGA11	FT NavVision	Fusés	Suse Wheel House Alarms 1	Fuse Wheel House Alarms (	AlamnNetworkCable52Fid	NO	1	Atarın	Ö			1
FT-APCAP	Aterm Panels	Alarm Panel Captein Cabin	Alarm BUZZER	Alarm		NO		Switch	0	4		. ]
FT-APWHOUSE FT-APCAP	Alarm Panels Alarm Panels	Alarm Panel Wheel House Alarm Panel Captain Cabin	Alarm BUZZER Activate And Lamp Test SWITCH	Alaim Station Activate	AlarmProAudibleOutputBridgeCmd AlarmProActiveteCaptainsCabinCmd	NO NO		Switch Status	D n		ļ	
FT-APCAP	Alarm Panels	Alarm Panel Captain Cabin	Dim SWITCH	Dim	Alarn ProDimSwitch Captains Cabin Cind	NG	1	Status	ŏ			
FT-APCAP	Alarm Panels	Alarm Panel Captain Cabin	Silence Alarm SWITCH	Silence Alarm	AlarmProAcknowledgeCaptainsCabinCmd	NO		Status				
FT-APWHOUSE	Alarm Panels	Alarm Panel Wheel House	Activate And Lamp Test SWITCH	Station Activate		NO NO	.	Status	0		ļ	<u> </u>
FT-APWHOUSE FT-APWHOUSE	Alarm Panels Alarm Panels	Alarm Panel Wheel House Alarm Panel Wheel House	Dim SWITCH Silence Alarm SWITCH	Silence Alarm		NO.		Status			h	100000000000000000000000000000000000000
FT-WHQUSE20	FT NavVision	Networking	Network Switch Wheel House Alarm	Network Switch Wheel House Alarm	AlarmNetworkCable30Fld	NC		Alarm	0	i	J	· · · · · · · · · · · · · · · · · · ·
FT-APCAP	Alarm Panels	Alarm Panel Captain Cabin	Alam LED	Alarm	AlarmProInAlarmCaptainsCabinCmd	NO.		Switch	C		ļ	
FY-APCAP	Alarm Panels Alarm Panels	Alarm Panel Captain Cabin Alarm Panel Captain Cabin	Dim LED Station Active LED	Station Active	AlarmProDimLEDCaptainsCabinCmd AlarmProActiveCaptainsCabinCmd	NO NO	4	Switch				÷
FT-APWHOUSE	Alarm Panels	Alarm Panel Wheel House	Alarm LEO	Alarm		NO.	1	Switch	G	·····i	ļ	f
FT-APWHOUSE	Alarm Paneis	Alarm Panel Wheel House	Cim (ED	ET.	AlarmProDimitDBridgeCind	NO		Switch	0		Į	
FT-APWHOUSE FT-WHOUSE01	Alarmi Panels	Alarm Panel Wheel House Fire Alarm System	Station Active LED Fire General Alarm	Station Active Fire General Alarm	AtarmProActiveBridgeCmd AtarmFire2Fld	NO NC	. ‡	Switch	0		ļ	ļ
FT-WHOUSESS	Fire Electrical Systems	Service Battery	Service Battery Voltage	Service		NO		Alarm	0	3	†···	
PT-WHOUSES6	Ejectrical Systems	Emergency Battery	Emergency Sattery Voltage	Emergency	Voltage2Fld	NO		Alarm	0	1		
FT-WHOUSES2	Navigation	Steering System	Rudder Angle	Rudder		NO.		Angle Volt	-45	45	Ļ	. ‡
FT-WHOUSES3 FT-WHOUSES4	Electrical Systems Electrical Systems	Service Sattery Emergency Battery	Service Sattery Voltage Emergency Battery Voltage	Service Emergency	Voltage1Fid  Voltage2Fid	NO NO	1	Volt	18	36	j	+
FT-WHOUSE15	Navigation	Autopilot	Gyro	Gyro	Giro1Fld	NO	1	•	9	360		
FT WHOUSE12	Navigation	Instruments	Apparent Wind Sneed	App Wind App Wind	RelativeWindQirfld RelativeWindSpeedFld	NÖ NO		Кп	0	360 60	[] 	
FT-WHOUSE12 FT-WHOUSE12	Navigation Navigation	Instruments Instruments	True Wind Angle	True Wind		NO		er .		360		4
FT-WHOUSE12	Navigation	Instruments	True Wind Direction	True Wind	TrueWindHeadinoFld	NO	1	۵	. 0	360		
FT-WHOUSE12	Navigation	Instruments	True Wind Speed	True Wind	TrueWindSpeedFld DepthFld	NO NO	ļ	Kn	5	60 190	() ()	
FT-WHOUSE12	Navigation Navigation	Instruments Instruments	Depth Speed Through Water	Depth Speed	SpeedTroughWaterFld	NO.		Kn	ő	25		
FT-LANCS	FT NavVision	Networking	Network Cable Engine Room To Lazarette	Network Cable Engine Room To Lazaretra	AlarmNetworkCable5Fid	NO	j	Alarm	G.		1	1
FT-LAN04	FT NavVision	Networking	Natwork Cable Ecgine To Puris Room	Network Cable Engine To Pump Room		NO	. ļ	Alarm				
FT-LANOS FT-LAN14	FT NayVision FT NayVision	Networking Networking	Network Cable PC Crew Mess Network Cable PC LAZ To Lazarette	Network Cable PC Crew Mess Network Cable PC-LAZ To Lazarette	AlarmNetworkCable14Fld	NÖ NO	\$ 100 m	Alarm Alarm	0		1	1
FT-LAN15	FT Navvision	Natworking	Network Cable PC-WHouse To PC-LAZ	Network Cable PC-Whouse To PC-LAZ	AlarmNetworkCable15Fld	NO		Alarm	o.	î		
FT-LANLI	FT NavVision FT NavVision	Networking	Natwork Cable PC-WHouse To Wheelhouse Network Cable Pump Room To Wheelhouse	Network Cable PC-WHouse To Wheelhouse Network Cable Pump Room To Wheelhouse	AlarmitetworkCaftiel I.Fld AlarmNetworkCable10Fld	NO NO		Alarm Alarm	5		ļ	
FT-LAN10 FT-LAN01	FT NavVision FT NavVision	Networking Networking	: Network Cable Fump Room To Wheelnouse : Network Cable Serial Converter ER 1	Network Cable Pump Room to Wheelhouse Network Cable Serial Convertor ER 1	AlarmNetworkCable1Fld	NO		Alarm	0	······································	<u>†</u>	İ
FT-LANC2	FT NavVision	Networking	Network Cable Serial Converter ER 2	Network Cable Serial Converter ER 2	AlarmNetworkCable2Fld	NO	3	Aiarm	Ó		Ţ	
FT-LANGE FT-LAN12	FT NavVision FT NavVision	Networking Networking	Network Cable Serial Converter Lazarette Network Cable Serial Converter Wheelhouse	Network Cable Serial Converter Lazarette Network Cable Senal Converter Wheelhouse	AlarmNetworkCable6Fld AlarmNetworkCable12Fld	NO NO	. j	Aların Aların	Ď		į	4
FT-LANU3	FT Nevvision	Networking	Network Cable Wage Engine Room	Network Cable Senai Conventer Wheelnoose Network Cable Wago Engine Room	AlarmNetworkCable3Fld	NO		Aların	ő	i	1	1
FT-LANC7	FT NavVision	Networking	Network Cable Wago Lazarette	Network Cable Wago Lazarette	AlarmNetworkCable?Fld	NO	ļ.,	Alarm	9			
FT-LAN09 FT-LAN13	FT NavVision FT NavVision	Networking Networking	Network Cable Wago Pump Room Network Cable Wago Wheelhouse	Network Cable Wago Pump Room Network Cable Wago Wheelhouse		NO NO	. j	Alarm		· · · · · · · · · · · · · · · · · · ·		f
FT-ER07	FT NavVision	Serial communication	Serial Cable Engine Room To Bushar A AC	Serial Cable Engine Room To Busbar A AC	AlarmSerialConnection44Fld	NO		Aların	9		1	
FT-ERG8	FT NayVision	Serial communication	Serial Cable Engine Room To Busbar B AC	Serial Cable Engine Room To Busbar B AC	AlarmSerialConnection45Fld	NO	Ţ	Alarm	Ū.	ī	1	
FT-ER21	FT NavVision FT NavVision	Serial communication Serial communication	Serial Cable Engine Room To Port Engine Serial Cable Engine Room To Port Garierator	Serial Cable Engine Room To Port Engine Serial Cable Engine Room To Port Generator	AlarmSenalConnection34Fld AlarmSenalConnection42Fld	NO NO	.j	Alann Alarm	ç	‡	ļ	ł
FT-ERZ3 FT-ERZ2	FT NavVision FT NavVision	Serial communication	Serial Cable Engine Room to Port Gallerator Serial Cable Engine Room to Sharboard Engine	Serial Cable Engine Room 10 Port Generator Serial Cable Engine Room To Starboard Engine		NO NO	· [· · · · · · · · ·	Alarm	ő	·····i	1	<u> </u>
FT-ER24	F? NavVision	Senal communication	Serial Cable Engine Room To Starboard Generator	Serial Cable Engine Room To Starboard Generator	AfarmSerialConnection43Fld	NO	Ţ	Alarm	6	ii		<u> </u>
FT-LAZ07	FT NavVision	Serial communication	Serial Cable Lazarette To Mains AC	Serial Cable Lazaretta To Mains AC Serial Cable Lazarette To Shore AC	AlarmSerialConnection50Fld	NO NO	ļ	Alarm	Ď	į	ļ	ş
FT-LAZ08 FT-WHOUSE19	FT NavVision FT NavVision	Serial communication	Serial Cable Lazarette To Shore AC Serial Cable Wheelhouse To Autopliot	Serial Cable Unselhouse To Autopilot		NO		Alarm	6	······	}	÷
PT-WHOUSE16	FT NavVision	Serial communication	Serial Cable Wheelbouse To GPS	Serial Cable Wheelhouse To GPS	AlarmSerialConnection58Fld	ΦP		Alarim	Ç.		J	
FT-WHOUSE17 FT-WHOUSE15	FT NayVision	Serial communication	Serial Cable Wheelhouse To Ney, Instruments Serial Cable Wheelhouse To Steering System	Serial Cable Wheelhouse To Nav. Instruments Serial Cable Wheelhouse To Steenbo System		NO NO	<u> </u>	Asarm	G		<u> </u>	<u> </u>
FT-WHOUSE13	FT NavVision Navigation	Serial communication GPS	GPS Latitude	Serial Cable Wheelhouse To Steering System LAT		NO.	1	Alarm •	0	360	<del>}</del>	1
FT-WHOUSE13	Navigation	GPS	GPS Langitude	LGN	GPSLon1Fld	NO.	\$100 a and a	6	, õ	360	[	. [
FT-WHOUSE13	Navigation	GPS	:UfC-time	uric	PositionTimeFid	NO.	. <u></u>	þ	0	24 360	ļ	ļ
FT-WHOUSE13 FT-WHOUSE13	Navigation Navigation	GPS GPS		COG SOG		NO NO	<u> </u>	Kβ	, o		1	1
FT-WHOUSE50	Hydraulic	Main Steering	Main Steering Voltage	Steering	HydraulicffainSteermgACVoitageFld	40 04		Alarm	Ó	ī	1	1
FT-WHOUSESO	Hydraulic	Main Steering	Main Steering Phase Fault Alarm	Steering Phase Fault Alarm		40		Aların	ō		ļ	ļ
FT-WHOUSES0 FT-WHOUSES0	Hydraulic Hydraulic	Main Steering Main Steering	Main Steering Overload Alarm Main Steering Controller Fallure Alarm	Steering Overload Alarm Steering Costroller Ealfore Alarm		40 40	· · · · · · · · · · · · · · · · · · ·	Alarm Alarm	ņ		ł	f
FT-WHOUSES0	Hydraulic	Main Steering	Main Steering Hydraulic Oil Level	Steering Hyd Dii	HydraulicMainSteeringOifLevelFid	VO	1	Alarm	, , ,	î	L	1
FT-WHOUSES0	Hydraulic	Main Steering		Steering Main		VO.	Ţ	Switch	0	i.		Į
FT-WHOUSES0 FT-WHOUSES0	Hydraulic Hydraulic	Main Steering Main Steering	Main Steering Power Supply Falkure Alarm Main Steering Main Switch	Steering Power Supply Failure Alarm Steering Main	HydraulicMainSteeringACPowerSupplyFaltureFld HydraulicMainSteeringACMainSwitchCmd	AC AO	ļ	Alarm Alarm	0		ļ	į
FT-WHOUSESD	Steering and Propulsion	Steering Gear	Steering Gear Running State	Steering	SteeringGearRunningStateFid	VO	L	Status	0	1	<del>1</del>	I
FT-WHOUSE50	Hydraulic	Main Steering	Main Steering Auxiliar ), Alarm	Steering Agx 1 Alarm	HydraulicMainSteeringACAuxAlarm1Fld	vÕ		Atares	Ċ	<u>1</u> .		£
PT-WHOUSE50 FT-WHOUSE50	Hydraulic	Main Steering		Steering Aux 2 Alarm		NO.	ļ	Alarm Alarm	C		ļ	.j
	Rydraulic	Main Steering		Steering Aux 3 Alarm	ing an enriched to be the index of the latter of the latte	ΨΟ VÕ	į				<u> </u>	ļ
FT-WHOUSESO	Hydraulic	Main Steering	Majo Steering Auxiliar 4 Alarm	Steering Aux 4 Alarm	HydraulicMainSteeringACAuxAlarm4Fld	VO	de como	Alarm			in a contract of the contract	Service and the service and th

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Design Support, Rotterdam Office

## **EXAMINED**

This plan has been examined and given the status as shown in the Design Appraisal Document (DAD) number below

DAD Number:

09.E.513

Date: 11-08-2009 Initials: AWV



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