REQUIREMENTS FOR ELECTRICAL INSTALLATIONS - BS 7671 LIEE Wirring Regulations)
Page 1 of 5 CERT No. DSV OI
B. MARSHAU MARINE LTD.
DISIV. CUETISS - MARSHALL (DIVE SUPPORT VESSEL)
New installation Addition to an existing installation Alteration to an existing installation Description of installation: LEUEL 240∨ DISTRIBUTION SYSTEM (IN DIJE CONTROL) Extent of installation work covered by this certificate: DISTRIBUTION GOARD No. DIJE CONTROL DIJE CONTROL
I/We* being the person(s) responsible for the design of the electrical installation (as indicated by my/our* signature(s) below), particulars of which are described above, having exercised reasonable skill and care when carrying out the design hereby CERTIFY that the design work for which I/we* have been responsible is to the best of my/our* knowledge and belief in accordance with BS 7671: 2008
Details of departure(s) from BS 7671: NONE
The extent of liability of the signatory or the signatories is limited to the work described above as the subject of this certificate. For the DESIGN of the installation: Planman Name (BLOCK LETTERS) C. JAKEMAN Date 2 / 5/2014 Designer (No.1) - Signature A: C. Tkunii Name (BLOCK LETTERS) A. NORRIS Date 2 / 5/2014
I/We* being the person(s) responsible for the construction of the electrical installation (as indicated by my/our* signatures below), particulars of which are described above, having exercised reasonable skill and care when carrying out the construction hereby CERTIFY that the construction work for which I/we* have been responsible is to the best of my/our* knowledge and belief in accordance with BS 7671: 2008
Details of departure(s) from BS 7671: NONE
The extent of liability of the signatory or the signatories is limited to the work described above as the subject of this certificate. For the CONSTRUCTION of the installation: Constructor(s) - Signature(s)
I/We* being the person(s) responsible for the inspection and testing of the electrical installation (as indicated by my/our* signature(s) below), particulars of which are described above, having exercised reasonable skill and care when carrying out the inspection and testing hereby CERTIFY that the inspection and testing work for which I/we* have been responsible is to the best of my/our* knowledge and belief in accordance with BS 7671: 2008
The extent of liability of the signatory or the signatories is limited to the work described above as the subject of this certificate.
Inspector(s) - Signature(s)
NEXT INSPENDENT further inspected and tested after an interval of not more than

REQUIREMENTS FOR ELECTRICAL INSTALLATIONS	BS 7671 (IEE Wiring Regulations)		CERT No. DSV 01
Page 2 of 5			CERT ING. DSV CI
Page 2 of 5 DESIGNER (No.1) Name: C. JAKEMAN Company: B. MARSHALL Address: Dockside Road Middless Road Postcode: TS38AT Phone No. CONSTRUCTOR(S) Name(s): A. NORRIS Company: YARM ELECT	MARINE LTD.), =H :01642-211234	Postcode: TS // INSPECTOR(S) Name(s): A	NORRIS M ELECTRICAL SERVICES ROUNDHAY DRIVE AGLESCUFFE. 69HW Phone No: 01642-787502 NORRIS RM ELECTRICAL SERVICES
Address: 29 ROUNDHAY FACESCLIFF Postcode: TS 16 9HW Phone N SUPPLY CHARACTERISTICS AND EA	/ DRIUE, E. DIU12-787502	Address: 29 EP Postcode: TS	RONDHAY DRIVE. ACLESCUFFE. 9HW Phone No: 01642 - 787502 V tick box where applicable
Nature of Supply	Nominal voltage: U 238	ort-circuit)*:0:42A	
Supply Protective Device Characteristics:	BS (EN): 88 FUSI	-	
PARTICULARS OF INSTALLATION R Means of Earthing: Distributor's Details of Installation Earth Electro	EFERRED TO IN THE CERTI	arth electrode d	Maximum emand (load): 80 +VA/Amps per phase Type (rods, etc.):
Electrode Resistance to Earth (R _s):	Ω Meth	nod of Measurement:	
Main Protective Conductors Earthing Conductor: Protective Bonding Conductors:	Material: Copper	c.s.a: 16 O c.s.a: 16 O ther Elements 🗵	mm² Connection(s) verified:
Main Switch or Circuit-breaker BS (EN), type and No. of poles 60 Rated residual operating current I	Location: 947-3(2) Current rating	Euga o	ating 80A, Voltage rating: 400 \
SCHEDULE(S) THE ATTACHED SCHEDULES ARE PARES OF Schedules of Inspections at this safety certificate has been issued to confirm electrical installation work to which it relates has been constructed and inspected and tested in according to the second seco	art of this designed. In that the designed installation in the future. For safety reasons this election of this control of this control of this control of the control of	No. of Schedules of T ying out work on or inspecting tical installation needs to be re-inspectional installation needs to be re-inspectional. Under the entitional is stated the maximum	documentation: Spected Section This certificate is only intended to be issued for a new installar

0	DETAILS AT DISTRIBUTION BOARD (DB)/CONSUMER	(DB)	(00)	VSUV	NER U	NIT (CU)						유 여	SCHEDULE No		0.5	>	ō		
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De	ion: D.B	1 1	8	MOOM	ACCOMPONTION	N LEVEL	\sim	DIUE	Ô	CONTROL	Name: Signature:	Ė.	MG/	Ram	Su				1 1
Ś	System Characteristics		Main	Main Switch		Supply polarity confirmed:	onfirme	rmed:	[7] 60947-	M	Equipment vulnerable to testing:	it vulne	erable to testing	sesting:	0	200	8	Ŀ	
ŵ F	System type: TN-C-S ☐ TN-S ☐ TT ☐ Fault level(s):		Volta	ge ratir	Voltage rating: 400	OV Current rating (In): LOO A	t rating	(L)	001	A	PIUE	Ü	PITTED.	1	,)		,	
	[Trick relevant box(68) 1.0 6.42	Ą	(If) RCD:	Ö	MM	Operation time (at $I_{\Delta n}$):	time (at	I_An]:		ms	(Lipe	: :	SAVING		MOTHTORING	SPIN	G ET	()·	-
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ਰ ਹ	dis. board/consumer unit Ze/ Ze :	BS (EN):	88		urrent	Current rating (In):	80	A		(II) F	(If) RCD: I _{An} :		mA C	peratin	Operating time at $I_{\Delta^{n}}$:	I _Δ n	sm		
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and	and further comments:						falloher mir ore	o positioned	***************************************								© Signal	Signal International Ltd	onal Ltd
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S	SCHEDULE OF TEST RESULTS						- 60							TEST	TEST RESULTS		5		
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E	FURTHER COMMENTS/OBSERVATIONS:																		
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SCHEDULE OF INSPECTIONS CERT/REPORT DSV 01 5 of Page SCHEDULE N Prevention of mutual detrimental influence Methods of protection against electric shock Proximity of non-electrical services and other Both basic and fault protection: influences SELV MA Segregation of Band I and Band II circuits or use [b] of Band II insulation PELV (i) Segregation of safety circuits (c) Double insulation (iii) Identification Reinforced insulation NA (iv) Presence of diagrams, instructions, circuit charts [a] Basic protection: and similar information Presence of danger notices and other warning (b) Insulation of live parts Barriers or enclosures Labelling of protective devices, switches [C] and terminals NIA (iii) Obstacles Identification of conductors (d) Placing out of reach (iv) Cables and conductors Fault protection Selection of conductors for current-carrying capacity and voltage drop (i) Automatic disconnection of supply: Erection methods Presence of earthing conductor Presence of circuit protective conductors Routing of cables in prescribed zones Presence of protective bonding conductors Cables incorporating earthed armour or sheath or run within an earthed wiring system, or otherwise adequately protected against nails, screws and the like Presence of supplementary bonding conductors Additional protection provided by 30 mA RCD for cables concealed in walls (where required in premises not under the supervision of a skilled or instructed person) Presence of earthing arrangements for combined protective and functional purposes Presence of adequate arrangements for alternative Connection of conductors source(s), where applicable Presence of fire barriers, suitable seals and protection NIA against thermal effects Choice and setting of protective and monitoring devices [for fault and/or overcurrent protection] General (ii) Non-conducting location: Presence and correct location of appropriate devices for isolation and switching NIA Absence of protective conductors Adequacy of access to switchgear and other equipment (iii) Earth-free local equipotential bonding: Particular protective measures for special installations Presence of earth-free local equipotential bonding NA and locations Connection of single-pole devices for protection or (iv) Electrical separation: switching in line conductor(s) only NIA Provided for one item of current-using equipment Correct connection of accessories and equipment Provided for more than one item of currentusing equipment Presence of undervoltage protective devices Additional protection: Selection of equipment and protective measures Presence of residual current device(s) V appropriate to external influences Presence of supplementary bonding conductors Selection of appropriate functional switching devices To indicate an inspection has been carried out and the N/A To indicate an inspection is not applicable. In addition to the above, the following notations may also be used when reporting on existing installations: Indicates that, exceptionally, a limitation agreed with the person ordering the work prevented the inspect on being carried out. To indicate an inspection has been carried out and the Lim result is unsatisfactory Inspected by (print and sign:) Date: 11 / JAN / ZO15 A. NORRIS ACTIONIS