

TAG NUMBER	PM 4102A
SERVICE	Sea Water Lift pump (submerged) motor
SHAFT POWER	1280kW
VOLTAGE	6600
PHASES	3
HZ	50
SPEED	1420
MATERIAL	25% Cr Super Duplex
VENDOR	Hayward Tyler
PURCHASE NO.	PO0017138

TAG NUMBER	PM 4102B
SERVICE	Sea Water Lift pump (submerged) motor
SHAFT POWER	1280kW
VOLTAGE	6600
PHASES	3
HZ	50
SPEED	1420
MATERIAL	25% Cr Super Duplex
VENDOR	Hayward Tyler
PURCHASE NO.	PO0017138

TAG NUMBER	P 4102A
SERVICE	Sea Water Lift pump (submerged)
DESIGN FLOW AT PIT	2190 m3/h
DISCH. PRESSURE	11.2 barg
DIFF. PRESSURE	15.1 bar
SHAFT POWER	1143.5 kW
INSUL. CLASS / THICKN.	NA
MATERIAL	25% Cr Duplex SS
VENDOR	Eureka Pumps A/S
PURCHASE NO.	PO0016894

TAG NUMBER	P 4102B
SERVICE	Sea Water Lift pump (submerged)
DESIGN FLOW AT PIT	2190 m3/h
DISCH. PRESSURE	11.2 barg
DIFF. PRESSURE	15.1 bar
SHAFT POWER	1143.5 kW
INSUL. CLASS / THICKN.	NA
MATERIAL	25% Cr Duplex SS
VENDOR	Eureka Pumps A/S
PURCHASE NO.	PO0016894

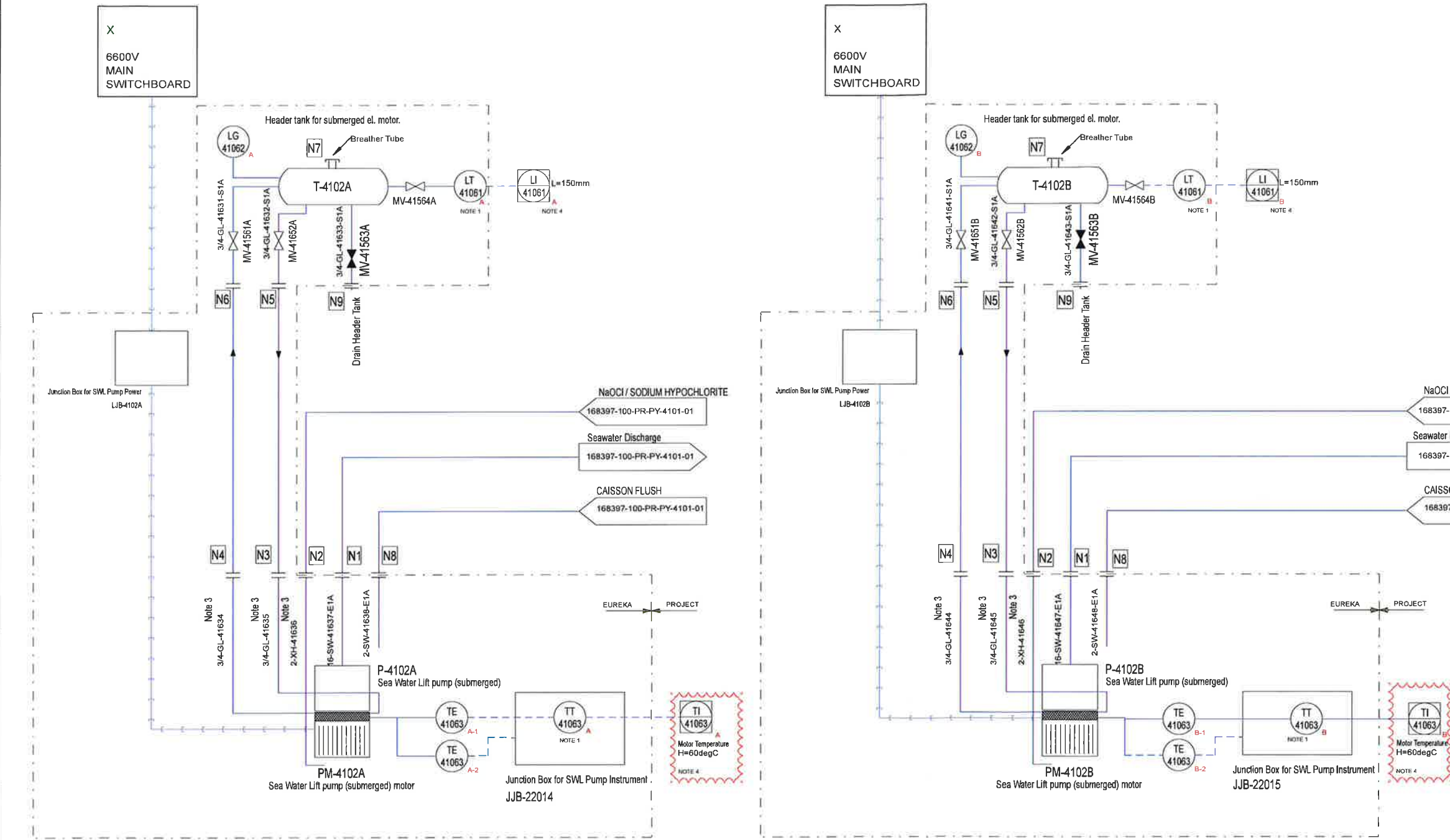
TAG NUMBER	T 4102A
SERVICE	Header tank for submerged el. motor.
DIMENSIONS HxWxD	558x360x360 mm
DESIGN CAPACITY	0.04 m3
DES. / OPER. P	0.4 bar / 0.4 bar
DES. / OPER. T	110degC / 65degC
INSUL. CLASS / THICKN.	NA
MATERIAL	316L
VENDOR	Eureka Pumps A/S
PURCHASE NO.	TBA

TAG NUMBER	T 4102B
SERVICE	Header tank for submerged el. motor.
DIMENSIONS HxWxD	558x360x360 mm
DESIGN CAPACITY	0.04 m3
DES. / OPER. P	0.4 bar / 0.4 bar
DES. / OPER. T	110degC / 65degC
INSUL. CLASS / THICKN.	NA
MATERIAL	316L
VENDOR	Eureka Pumps A/S
PURCHASE NO.	TBA

P&ID legend:

- Process line.
- Vendor package limit.
- Hardwired signal.
- Electrical Power Signal

- TRANSMITTERS ARE EUREKA SCOPE. SIGNAL TO BE TRANSMITTED TO PROJECT CONTROL PANEL, NOT PART OF EUREKA SCOPE.
- CONNECTIONS & PIPING BY EUREKA
- ACID HOSE (RUBBER) CHEM 10bar
- H=ALARM, L=ALARM



NOZZLE No.	DESCRIPTION	SIZE	STANDARD	MATERIAL	REMARKS
N1	Pump discharge	16"	ANSI B16.5 150# RF	ASTM A276	X
N2	NaOCl / Sodium Hypochlorite	2"	ANSI B16.5 300# RF	ASTM B381G1.2	X
N3	Glycol/Water to motor	3/4"	ANSI B16.5 150# RF	AISI 316	Note 2
N4	Glycol/Water from motor	3/4"	ANSI B16.5 150# RF	AISI 316	Note 2
N5	Glycol/Water to motor	3/4"	ANSI B16.5 150# RF	AISI 316	Note 2
N6	Glycol/Water from motor	3/4"	ANSI B16.5 150# RF	AISI 316	Note 2
N7	Header Tank Filling and Breather Tube	1"	Manuf. Std.	AISI 316	X
N8	Caisson Flush	2"	ANSI B16.5 150# RF	25% Cr Duplex	X
N9	Header Tank Drain (PLUGGED)	3/4"	NPFT	AISI 316	X

Nexen Petroleum (U.K.) Limited Golden Eagle Area Development					
VENDOR : EUREKA PUMPS AS					
EQUIPMENT TITLE : SEAWATER LIFT PUMPS					
EQUIPMENT TAG NO(S) : P-4102A/B					
GEAD Vendor Document Number					
Purchase Order Number	Doc Type Code	Seq. No	Rev.	DATE	
168397-200-PO-3276	MC2	001	07	10.04.13	
INCLUDES DOCUMENT CODES :			TOTAL SHEETS : 1		
<input checked="" type="checkbox"/>	F	Final (accepted) - manufacturing may proceed.			
<input type="checkbox"/>	A	Qualified Release - revise and re-submit. Manufacturing may proceed subject to incorporation of comments.			
<input type="checkbox"/>	R	Rejected - revise and re-submit. Manufacturing may not proceed.			
<input type="checkbox"/>	I	Accepted for information only.			
Review of Vendor documents does not relieve Vendor of the responsibility for correctness under the Purchase Order. Permission to proceed does not constitute acceptance of design, detail and calculations, test methods or materials developed or selected by the Vendor and does not relieve the Vendor from full compliance with the Purchase Order or any other obligations, nor detract from any of the Purchaser's rights.					
Engineer : <i>[Signature]</i>			Date : 17/4/13		

EUREKA

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Created by:		Checked by:		Approved by:	
Date: 10.04.13	Sign: ANKR	Date: 10.04.13	Sign: STNI	Date: 10.04.13	Sign: STEL
Title: SEAWATER LIFT PUMP PIPING & INSTRUMENT DIAGRAM (P&ID)			Document status: XB-001		Document number: 10359-XB-001
Rev. 07	Date of issue: 10.04.13	Size A1	Sheet 001/		