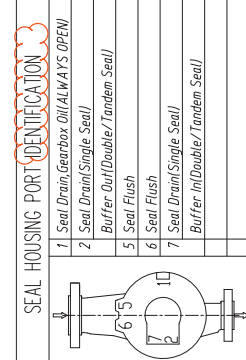
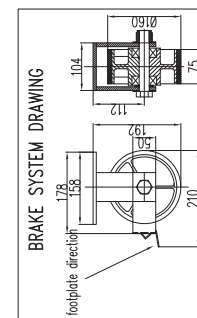
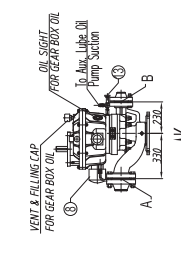
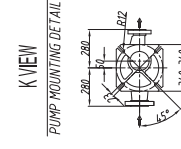
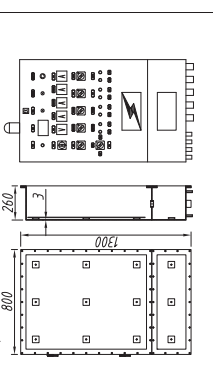


No.	Size Rating	Customer Name/Local Connection	Description	Remark
A	1 1/2" ANSI 600B-RF		Pump Section	
B	1 1/2" ANSI 600B-RF		Pump Discharge	
C	3/4" ANSI 600B-RF		Pump Drain/Normally Closed	Flange with valve
D	3/4" ANSI 600B-RF		Pump Vent/Normally Closed	Flange with valve
F	3/4" ANSI 300B-RF		Barrier Field Drain/Normally Closed	Flange with valve
H	3/4" ANSI 600B-RF		Air Fin Cooler (W/N) Normally Closed	Flange with valve
J	3/4" ANSI 300B-RF		N Connection	Flange with valve
L	1 1/2" ANSI 150B-RF		Lube Oil Drain/Normally Closed	Blind flange with valve
N	1 1/2" ANSI 150B-RF		Bespoke Drain, Normally Closed	Flange with valve
O	1 1/2" Quick Fittings		PlanSMA Filling	Quick Connection

DISCHARGE 2"		SUCTION 3"		FLANGE	
Fx	±1420	Fx	±2140	Fx	±1780
Fy	±1160	Fy	±1900	Fy	±1460
Fz	±920	Fz	±1700	Fz	±700
Mx	±1780	Mx	±1900	Mx	±1460
My	±1900	My	±1440	My	±1440
Mz	±1440	Mz	±1440	Mz	±1440
Force (N)		Moment (N.m)			



Name	App Weight (kg)
Pump and Gearbox	200
Main Motor	310
PlanSMA Flush System	200
Aux Lube Oil Pump System	40
Fan Cooled Heat Exchanger	32
Skid Base	1500
Electrical Control Cabinet	140
Other	100
Total Weight	2522

CODE	NAME	DESCRIPTION
1	Suction Strainer	For Suction
2	Temperature Gauge	For Suction
3	Electrical Control Cabinet	Supplied by Deep Blue Pump Co.
4	Temperature Transmitter	For Lube Oil
5	PlanSMA System	John Crane Maker Air Fin Cooled Type
6	Lube Oil Heat Exchanger	Forced Air Jugh Cooler, Motor : ABB Motor 0.75kW, 1450RPM, 400V/50Hz, IP55, Cabled/TA
7	Oil Filter	YONDA Maker
8	Common Bespoke	Mobile type
9	Vibration Switch	For Gear Box
10	Instruments Board	Motor Maker: ABB, 0.75kW, 1450RPM, 400V/50Hz, IP55, Cabled/TA
11	Aux Lube Oil Pump & Motor	Coupling Guard Material: AL
12	Coupling Guard Material	ABB Maker, Frame: 280, 90kW, 2900RPM, 400V / 50Hz, IP55, EXdMT13
13	Main Motor	Supplied by Deep Blue Pump Co.
14	High Speed Pump	DESCRIPTION

PUMP INFORMATION	
Item No.	145-P-102
Unit	145
Service	PROPANE MOBILE PUMP PACKAGE
Model	EGS-12-11/291
Seal Plan	538(AIR FIN COOLER)
Motor	30KW - 2P

- The location of Junction Box 'A' will be finalized after pipe line work finished.
- Legend of Instruments Board:
P1: Pressure Transmitter
P2: Pressure Gauge
The main electric motor is CCW wiring from the coupling end.
4. Cooling Water is NOT required for this item.
- Safety Note:
Before connecting suction and discharge housing pipe, to be sure of installation of adequate excess flow valve in suction plus check valve in discharge for safety point of view.
- Cables and Cable Connections:

Cable Gland Thread		Cable Cores (mm ²)
Main Motor	2 x M50	3 x 35
Main Motor Speed Heater	NA	NA
Aux Motor (Lube Oil)	1 x M25	3 x 4
Aux Motor (Oil Cooler)	1 x M25	3 x 4

REFERENCE DRAWINGS	DWG NO.
MECH. SEAL SYSTEM DRAWING	VP-S9201-ON-MA-145-P102-0150
MOTOR OUTLINE DRAWING	VP-S9201-ON-MA-145-P102-0191
COUPLING DRAWING	VP-S9201-ON-MA-145-P102-0070
JUNCTION BOX DRAWING	VP-S9201-ON-MA-145-P102-0209
PUMP P&ID DRAWING	VP-S9201-ON-MA-145-P102-0043

Code1	<input checked="" type="checkbox"/> (Approved) Vendor to submit "For Final" (No comment & release for manufacturing)											
Code2	<input type="checkbox"/> (Approved with comments) Vendor shall correct / revise & submit it as "For Final" (Released for manufacturing if change incorporated as indicated)											
Code3	<input type="checkbox"/> (Commented) : Vendor shall correct / revise & resubmit : it as "For Approval" of the date specified : (Corrected documents to be incorporated as indicated)											
Code4	<input type="checkbox"/> Not Acceptable quality (Reject)											

The above checking result by OIEC shall in no way relieve the Vendor of its responsibility to ensure the quality of the purchase order and the mutual agreement in writing.

DATE : 13.07.2013
DEPT: Machinery
Signature : M.S

OIEC-SP 20421

Only for internal review

CV	PI	EL	IN	ME	MA
ST	BU	PR	SA	HW	TL

REV.	DATE	DESCRIPTION	ORIG. PREP.	CHD.	APP'D
5	1. Jul. 2013	For Approval	DEPT	Timo	Ryan
4	21. May. 2013	For Approval	DEPT	Timo	Ryan

SOUTH PARS GAS FIELD DEVELOPMENT- PHASES 20 & 21, ASSALUYEH-IRAN ONSHORE FACILITIES

PROJECT No.: POGC-572-88-35 DOC CLASS: SCALE :

DEEP BLUE PUMP CO.

145-P-102 PROPANE MOBILE PUMP PACKAGE GENERAL ARRANGEMENT DRAWING

DRAWING No.: VP-S9201-ON-MA-145-P102-0013 SHEET No.: 1 OF 1 REV. 5

GENERAL NOTES