

P-3702 A

Hazardous Open Drains Pump  
Production Platform  
Process liquid: Oily Seawater  
Rated capacity: 10 m³/h  
Differential pressure: 4.1 bar  
NPSHa: 3 m  
Installed power : 3 kW  
Design pressure: 6 barg  
Design temperature: -7.6/50°C  
PSV set pressure: 5 barg  
Materials: 25%Cr Duplex Stainless Steel process wetted

V-3702 A

Seal system vessel  
Type: Bladder accumulator  
max. working pressure: 20 barg @ 80°C (Bladder)  
max. working pressure: 75 barg (Vessel)  
Vessel Total Capacity: 20 litres  
Materials: Stainless Steel  
Normal operating pressure: 4 barg

Legend

Hard

wired Serial

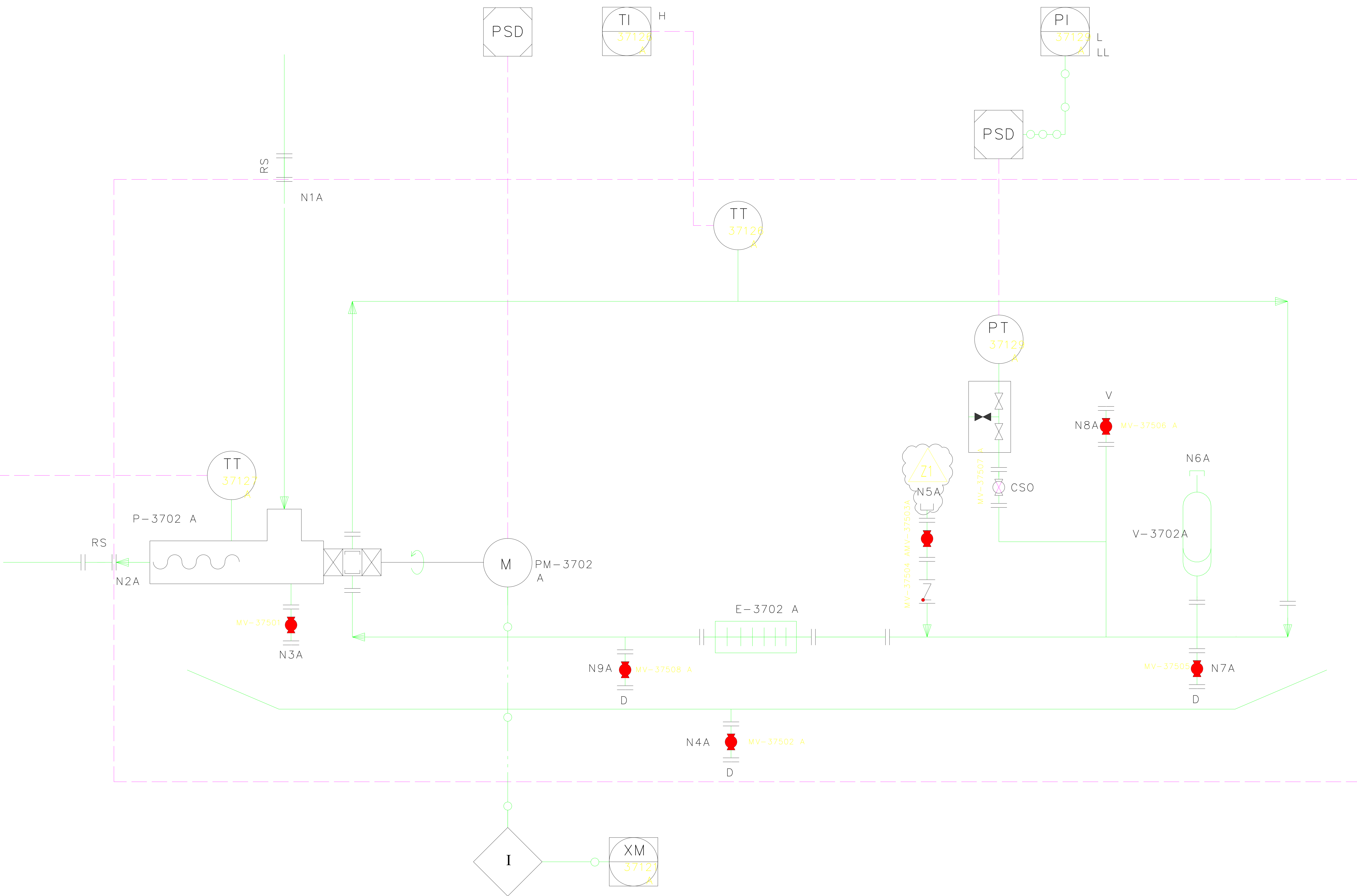
PSD

Link  
Process shutdown system

Process control system

Termination Point Schedule

N1A	pump inlet flange 4" ANSI B 16.5, 150lbs, RF
N2A	pump outlet flange 3" ANSI B16.5, 150lbs, RF
N3A	pump casing drain flange 2" ANSI B16.5, 150lbs, RF c/w valve + blind flange
N4A	baseplate drain flange 2" ANSI B16.5, 150lbs, RF c/w valve + blind flange
N5A	plan 53B filling connection 1/2" ANSI B16.5, 300lbs, RF c/w 1/2" NPT quick release coupling
N6A	N2 charging connection accumulator 1/4" BSP/M
N7A	Drain connection accumulator 1/2" ANSI B16.5, 300lbs, RF c/w blind flange
N8A	plan 53B vent connection 1/2" ANSI B16.5, 300lbs, RF c/w blind flange
N9A	Drain connection barrier interconnection piping 1/2" ANSI B16.5, 300lbs, RF c/w blind flange



NOTES

1. PUMP P-3702A IS MOUNTED ON A SINGLE BASE PLATE.

REV	DATE	DESCRIPTION	DRN	CHK	APP	CLT
Z1	14.03.16	AD-HOC AS-BUILT	SB	KS	AH	TR
G	28.09.12	REVISE	MEL			
F	03.09.12	REVISE	MEL			
E	23.08.12	REVISE	MEL			
D	01.08.12	REVISE	MEL			
C	24.01.12	REVISE	MEL			

  
A CNOC LIMITED COMPANY

  
Golden Eagle  
Golden Eagle Area Development



TITLE:  
PIPING AND INSTRUMENT DIAGRAM  
HAZARDOUS OPEN DRAINS PUMP  
P-3702A

SCALE (A1): N.T.S.

ASSAI No:

CONTRACT No: 168397

CLIENT CONTRACT No:

DRAWING No.	REV
168397-100-PO-3280-MC2-008-01	Z1