

P-2111 A

Spent Scavenger Separator Water Pump
Production Platform
Process liquid: Water + Hydrocarbon + Scavenger Products
Rated capacity: 8,4 m³/h
Differential pressure: 7.35 bar
NPSHa: 3,7 m
Installed power : 7.5 kW
Design pressure: 17 barg
Design temperature: -7.6/70°C
PSV set pressure: 14.4 barg
Materials: 25%Cr Duplex Stainless Steel process wetted

V-2111 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: 7.86 barg

Legend

Hard wired

Serial Link

PSD

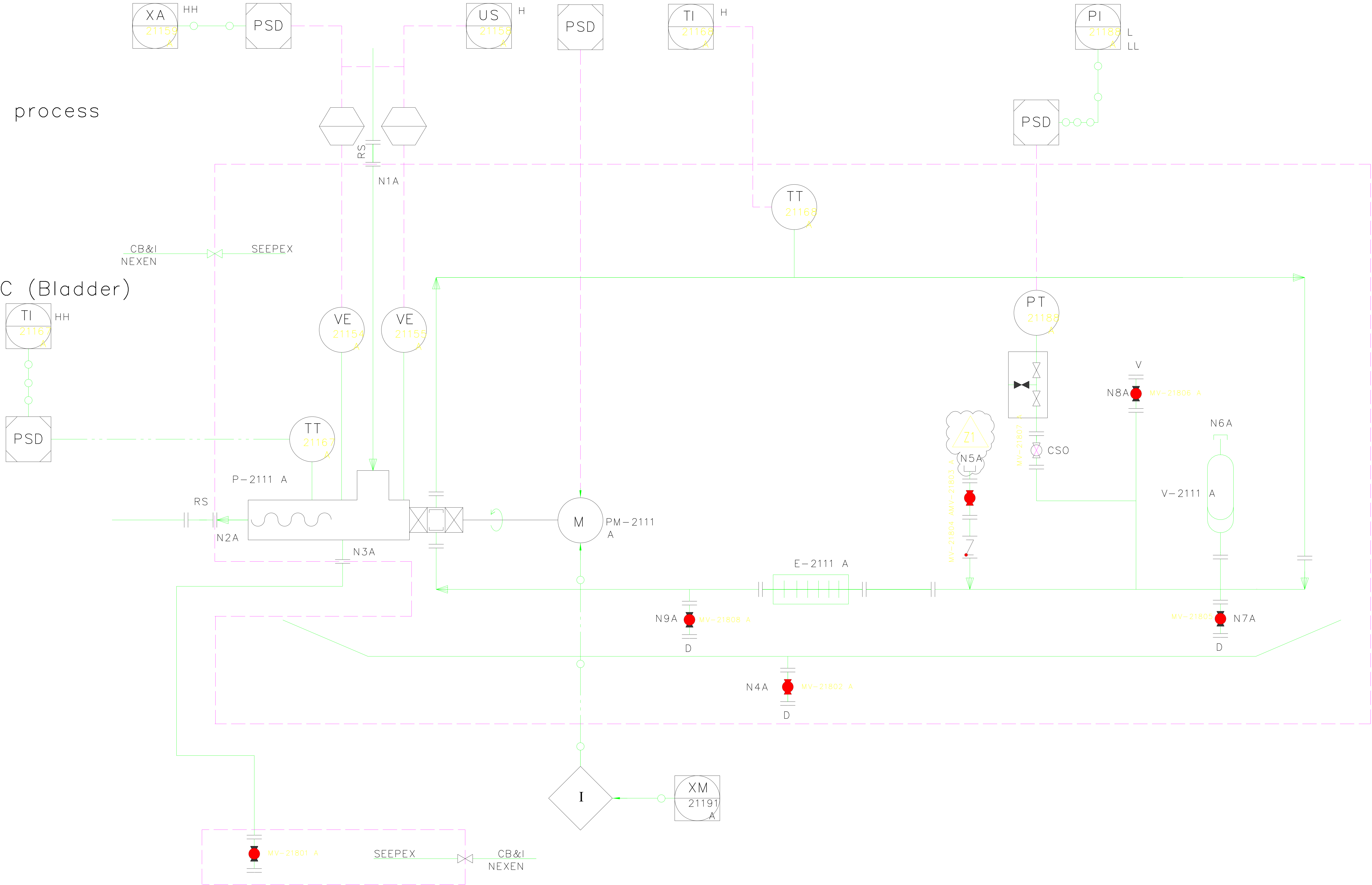
Process shutdown system

Process control system

Machinery Monitoring System

Termination Point Schedule

N1A	pump inlet flange 3" ANSI B 16.5, 150lbs, RF
N2A	pump outlet flange 2" ANSI B16.5, 150lbs, RF
N3A	pump casing drain flange 2" ANSI B16.5, 150lbs, RF c/w valve (supplied loose, free issue)+ blind flange
N4A	baseplate drain flange 1" 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. PUMPS P-2111A AND P-2111B ARE MOUNTED ON A COMMON BASE PLATE.

REV	DATE	DESCRIPTION	DRN	CHK	APP	CLT
Z1	14.03.16	AD-HOC AS-BUILT	SB	KS	AH	TR
G	25.09.12	REVISE	MEL			
F	23.08.12	REVISE	MEL			
E	15.05.12	REVISE	MEL			
D	07.05.12	REVISE	MEL			
C	23.01.12	REVISE	MEL			


A CNOC LIMITED COMPANY


Golden Eagle Area Development



TITLE: PIPING AND INSTRUMENT DIAGRAM SPENT SCAVENGER SEPARATOR WATER PUMP P-2111A	
SCALE (A1): N.T.S.	
ASSAI No:	
CONTRACT No: 168397	
CLIENT CONTRACT No:	
DRAWING No. 168397-100-PO-3280-MC2-004-01	REV Z1

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