VMAK966201 MAK965201 INSTRUMENT AND POWER GAS SKID **INSTRUMENT GAS FILTER SEPARATOR** CAPACITY : 0.4 MMSCFD SIZE (FT-IN) : 1'-6" OD x 8'DESIGN (PSIG @ 'F) : 245 @ 225 OPERATING (PSIG @ 'F) : 135 @ 118 MATERIAL : CARBON STEEL : 0.4 MMSCFD : 1'-6" OD x 8'-2" S/S 6"-VN-616-4033-A1E-S80 TO VENT HEADER DA-PDPID-0000616-00 6"-VN-616-4097-A1E-S80 3"-VN-616-4062-A1E-S80 3"-VN-616-4063-A1E-S80 2"-GN-966-0046-A1E-S160 TP 966201-12 2"-GI-965-9021-A1E-S160 2"-GI-965-9001-A1E-S160 NOTE 3, 4 TO INSTRUMENT GAS USERS 24"-GI-965-9022-A1E-SXS MAK965201 PIC-966201-04 PIC-966201-09 **D8**3 PIC-966201-11 SPARE LD84L --D84-PIC-966201-02 SDV-966201-01 PSHH-966201-07 3<mark>!--1080(---</mark> D84 D84 <u>| 1000 | 1000 | </u> 1/2"-DC-965-7029-TURING 1/2" TURING TO DRAIN "A" M-1 IGS M/FOLD 16 TP 966201-17 TP 966201-13 MV 991201-28 2"-DC-991-7032-A1E-S160 1/2" TUBING ⊢ | **1284** YBAA5(L) 965201-**GENERAL NOTES:** 1. FOR SYMBOLS, PIPING AND INSTRUMENT DETAILS REFER TO △ 2"X3/4" LEGEND SHEET NUMBERS NG4A-DA-PDSYM-0000000-001 FROM INST. DRAIN "A" THROUGH NG4A-DA-PDSYM-0000000-008. 2. ALL EQUIPMENT AND INSTRUMENT TAGS SHALL BE PRECEDED WITH NG4A. 2"-DC-991-7036-A1E-S160 ABAAO(L) 2* ABSA10(L) TP 966201-14 2"-DC-991-7027-A1E-S160 2"-DC-991-7057-A1E-S160 2"-DC-991-7035-A1E-S160 1. FILTER SEPARATOR FITTED WITH QUICK OPENING CLOSURE. 2. BLIND FLANGE SHALL BE INSTALLED AT GRADE LEVEL. 3. 25FT LENGTH OF 24" PIPE TO PROVIDE BUFFER GAS STORAGE. 4. LOCATE 24" PIPE AT HIGH ELEVATION TO ALLOW GRAVITY DRAIN OF ANY CONDENSED LIQUID BACK TO FILTER SEPARATOR. TP 966201-15 5. COALESCING FILTER ELEMENT SHALL REMOVE 99.9% OF LIQUID OR SOLID DROPLETS GREATER THAN 3 MICRONS. VMAK966201 6. LEVEL ALARMS ARE REFERENCED TO BOTTOM TANGENT LINE. NOTE 2 | 4"-D0-999-6047-A1E-S80 7. DELETED 8. VESSEL TRIM: CARBON STEEL (A1E) 07AUG13 REVISED PER ENGINEERING MCL CA **INTEGRATED** PIPING & INSTRUMENTATION DIAGRAM CRAYMOND NIG. LTD 08APR13 ADDED TAGS CA INSTRUMENT AND POWER GAS SKID **FLOW SOLUTIONS** RM 8 210CT14 AS BUILT CA LA (NG4A-VMAK966201)PROJECT: SATELLITE FIELDS DEVELOPMENT

RM

MCS

MCS

CA

JB

JB

DES ENG/CHK PM/AP

LA

PROJECT-PHASE 2
CUSTOMER NAME: DELTA AFRIK ENGINEERING LTD.

TAG NUMBER: NG4A-VMAK966201 PLATFORM: IBOT A

CUSTOMER PO#: 10108-1001

SYSTEM DESCRIPTION: INSTRUMENT & POWER GAS SKID

CLIENT No.: NG4A-CY-VDPID-0050423

SECTION

JOB

P - 25046 - 02

SHEET

SCALE: NONE

PM.: L. AGUILAR

TOTAL SHEETS

2

REV.

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07MAR14

16DEC13

14N0V13

DATE

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DESCRIPTION