



SE APLICA PREVEDERILE PRIVIND CONFIDENTIALITATEA DIN CONTRACTUL DE CONCESIUNE NEPTUN DEEP SI A CONTRACTULUI DE OPERATIUNE COMUNE AFERENT SI/SAU CONTRACTELOR DE CONFIDENTIALITATE APLICABILE IN NUMELE EXXONMOBIL EXPLORATION AND PRODUCTION ROMANIA LIMITED

SUBJECT TO CONFIDENTIALITY PROVISIONS OF THE NEPTUN DEEP CONCESSION AGREEMENT AND RELATED JOINT OPERATING AGREEMENT AND/OR THOSE OF THE APPLICABLE NON-DISCLOSURE AGREEMENT ON BEHALF OF EXXONMOBIL EXPLORATION AND PRODUCTION ROMANIA LIMITED.

NOTE

- DACA NU SE PRECIZEAZA ALT FEL TOATE DIMENSIUNILE SUNT EXPRIMATE IN METRI.
- TOATE COTELE DE NIVEL SUNT IN METRI, RELATIV LA NIVELUL MARII.
- DATELE BATIMETRICE PROVIN DIN BAZA DE DATE GEOTEHNICE SI GEOFIZICE GIS ACTUALIZATA IN 2014, DOCUMENT FUGRO J31135-R-001(03) ACTUALIZAT PENTRU PROIECTUL NEPTUN DEEP.
- DATELE DE SOL PROVIN DIN RAPORTUL INTEGRAT NEPTUN DEEP ROND-EW-GRPT-00-0015-001 A SE VEDEA DOCUMENTUL CU NUMARUL ROND-EW-YBDBM-20-0002.
- DIRECTIILE SUNT INDICATE IN RAPORT CU NORDUL STEREO 70.
- PENTRU DETALII PRIVIND MODUL DE CONECTARE LA LOCATIA PLATFORMEI SE VA CONSULTA PLANSA ROND-EW-YDPAL-22-0011 - ARANJAMENT CONDUCTA DE ADUCTIUNE SI CONDUCTA DE GAZE NATURALE LA PLATFORMA (SWP).
- STERS.
- PENTRU DETALII PRIVIND ANOZII CONSULTATI PLANSA ROND-EW-YDCPD-24-0002 SI DOCUMENTUL ROND-EW-YRSTY-24-0002.
- CARACTERIZAREA SOLULUI ESTE BAZATA PE NOTA TEHNICA 408009-0034.9-TN-003 (A SE VEDEA SI NOTA 4).
- STRAT INTERIOR CONDUCTA CONFORM SPECIFICATIEI STRAT EPOXIDIC INTERN ROND-EW-YSPOS-20-0039.
- A SE VA NOTA CA GROSIMEA ANOZILOR SI DISTANTA ADMISA DINTRE EI VOR FI RE-EVALUATE IN DETALIILE DE EXECUTIE IN BAZA GROSIMII ACTUALE A STRATULUI DE BETON.

NOTES

- ALL DIMENSIONS ARE IN METERS, UNLESS NOTED OTHERWISE.
- ALL ELEVATIONS ARE IN METERS AND RELATIVE TO MSL.
- BATHYMETRY DATA FROM 2014 GEOTECHNICAL AND GEOPHYSICAL GIS DATABASE UPDATE, FUGRO DOCUMENT J31135-R-001(03) FOR THE NEPTUN DEEP DEVELOPMENT.
- SEABED SOIL DATA FROM NEPTUN DEEP INTEGRATED REPORT ROND-EW-GRPT-00-0015-001, SEE DESIGN DOCUMENT NUMBER ROND-EW-YBDBM-20-0002.
- HEADINGS INDICATED ARE RELATIVE TO STEREO 70 NORTH.
- FOR DETAILS OF TIE-INS AT PLATFORM LOCATION REFER TO DRAWING: ROND-EW-YDPAL-22-0011 - FLOWLINE AND PRODUCTION LINE PLATFORM (SWP) APPROACH ARRANGEMENT.
- DELETED.
- FOR ANODE DETAILS REFER TO DRAWING ROND-EW-YDCPD-24-0002 & DOCUMENT ROND-EW-YRSTY-24-0002.
- SOIL CHARACTERIZATION BASED ON TECHNICAL NOTE 408009-0034.9-TN-003 (SEE ALSO NOTE 4).
- INTERNAL FLOW COAT AS PER INTERNAL EPOXY COATING SPECIFICATION ROND-EW-YSPOS-20-0039.
- NOTE THAT ALLOWABLE SPANS AND ANODE THICKNESSES ARE TO BE RE-ASSESSED IN DETAILED DESIGN BASED UPON ACTUAL CONCRETE COATING THICKNESSES.

DOCUMENTE REFERINTA

NUMAR PLANSA	DESCRIERE
ROND-EW-YDCPD-24-0002	DETALII TIPICE ANOZI CONDUCTA DE GAZE NATURALE

REFERENCE DOCUMENTS

DRAWING NUMBER	DESCRIPTION
ROND-EW-YDCPD-24-0002	PRODUCTION PIPELINE TYPICAL ANODE DETAILS

SCALA

0 200 1,000 2,000 METRI

SCALA ORIZONTALA 1:20,000 (IN FORMAT "A1")

SCALE BAR

0 200 1,000 2,000 METERS

HORIZONTAL SCALE 1:20,000 (AT "A1" SIZE)

PARAMETRI GEODEZIE SI PROIECTIE

DATE GEODEZICE	: STEREO 70
PROIECTIE	: Dublu Stereografica
Meridianul central (MC)	: 25.0
Latitudine Origine	: 46.0
Falsa origine estica	: 500,000.0
Falsa origine nordica	: 500,000.0
Factor de scala la MC	: 0.99975
DATE VERTICALE	: MSL (NIVELUL MARII)

GEODETIC & PROJECTION PARAMETERS

GEODETIC DATUM	: STEREO 70
PROJECTION	: Double Stereographic
Central meridian (CM)	: 25.0
Latitude of Origin	: 46.0
False Easting at origin	: 500,000.0
False Northing at origin	: 500,000.0
Scale factor at CM	: 0.99975
VERTICAL DATUM	: MSL

PLAN DE REFERINTA / KEY PLAN

PROJECT NEPTUN DEEP / NEPTUN DEEP PROJECT

REV	DATE	REVISIONS, SCOPE OF REVISION	DESIGNAT PREPARED	PROJECTIONS	DATE
2-0	12.03.21	EMIS PENTRU VERIFICARE / ISSUED FOR REVIEW	M. DUMITRU	C. STEFAN	N. EREMIA
2-0	10.02.21	EMIS PENTRU VERIFICARE / ISSUED FOR REVIEW	M. DUMITRU	C. STEFAN	N. EREMIA
2-0	28.06.21	EMIS PENTRU VERIFICARE / ISSUED FOR REVIEW	O. MOISE	C. STEFAN	N. EREMIA
2-4	04.02.20	EMIS PENTRU VERIFICARE / ISSUED FOR REVIEW	O. MOISE	C. STEFAN	N. EREMIA

ACRONIME

TP - PUNCT SCHIMBARE DIRECTIE

KP - POZITIE KILOMETRICA (CONDUCTA)

IP - PUNCT INFLEXIUNE

ACRONYMS

TP - TURN POINT

KP - KILOMETRIC POINT

IP - INFLEXION POINT

Conform legislatiei romanesti, virgula si punctul sunt utilizate invers, pentru definirea zecimalelor.

Dimensiunile in sistem US au fost definite astfel: Simbolul virgula a fost folosit pentru separarea cifrelor din interiorul numerelor care definesc sute, mii sau zeci in functie de caz. Subunitatile de masura (zecimalele) au fost separate prin punct. Prin urmare zecimalele vor fi cifrele din interiorul numerelor aflate dupa simbolul punct.

According to the Romanian legislation, the comma and the point are used in reverse, for the definition of decimals.

The dimensions in the US system have been defined as follows: The comma symbol has been used to separate digit inside the numbers when the digit define hundreds, thousands or tens depending on the case. The digit of decimals are separated by a point. In according with the rules in Romania the coma and point are use in opposite way for defined the digit inside of number. For this reason all the digit inside of number after point will be read like decimals.

ExxonMobil

Exploration and Production Romania Limited

CONDUCTA DE GAZE NATURALE 30" 30-INCH PRODUCTION PIPELINE

FISA ALINIAMENT ALIGNMENT SHEET

FISA NR. 011 DIN 016 SHEET 011 OF 016

1 : 20,000 ROND-EW-YDPAL-24-0013-C DTAC: 2-D

SCALE / SCALA 1:20,000 ROND-EW-YDPAL-24-0013-C

16 17 A1+ (1092x594)