

INVENTAR DE COORDONATE PUNCTE PE CONTUR SUPRAFATA MASURATA PENTRU AMPLASARE SRM SI CAMERA DE CONTROL CENTRALIZAT NR. CAD.109216 - S1
INVENTORY COORDINATES MEASURED POINTS SRM AND CONTROL CENTER LAYOUT CAD.NO. 109216 - S1

Nr. Pct.	Coordonate pct.de contur Stereo 70		Coordonate pct.de contur WGS 84		Lungimi laturi D(i,i+1)
	Y [m] Northing	X [m] Easting	Easting [m]	Northing [m]	
56	281679,306	792252,519	631.632,089	4.870.498,285	236,30
57	281610,294	792478,519	631.856,120	4.870.423,691	170,29
5	281440,016	792476,365	631.849,706	4.870.253,649	31,57
6	281452,291	792426,275	631.799,977	4.870.267,165	174,36
7	281282,954	792384,742	631.754,251	4.870.099,049	247,05
8	281358,352	792149,476	631.521,124	4.870.180,254	313,91
9	281657,239	792245,434	631.624,459	4.870.476,419	23,18

S(S1)=85000mp P=1216,66m

INVENTAR DE COORDONATE DC4 / INVENTORY COORDINATES DC4

Nr. Pct.	Coordonate pct.de contur Stereo 70		Coordonate pct.de contur WGS 84		Lungimi laturi D(i,i+1)
	Y [m] Northing	X [m] Easting	Easting [m]	Northing [m]	
57	281610,294	792478,519	631.856,120	4.870.423,691	6,61
101	281613,601	792484,248	631.861,925	4.870.426,851	118,54
102	281495,124	792480,427	631.855,143	4.870.308,597	53,35
103	281441,837	792477,829	631.851,214	4.870.255,432	1,94
104	281439,918	792477,520	631.850,857	4.870.253,523	1,16
5	281440,016	792476,365	631.849,706	4.870.253,649	170,29

S(d4)=657mp P=351,90m

INVENTAR DE COORDONATE SUPRAFATA DETINUTA CFR S.A. NR. CAD.109182 / INVENTORY COORDINATES OWNER CFR S.A. SURFACES CAD. NO.109182

Nr. Pct.	Coordonate pct.de contur Stereo 70		Coordonate pct.de contur WGS 84		Lungimi laturi D(i,i+1)
	Y [m] Northing	X [m] Easting	Easting [m]	Northing [m]	
101	281613,601	792484,248	631.861,925	4.870.426,851	25,38
105	281626,287	792506,229	631.884,200	4.870.438,973	46,44
106	281579,848	792506,373	631.883,182	4.870.392,580	53,92
107	281525,929	792506,524	631.881,983	4.870.338,715	11,71
108	281514,218	792506,406	631.881,572	4.870.327,020	19,25
109	281494,970	792506,314	631.880,998	4.870.307,795	37,04
110	281458,000	792504,000	631.877,762	4.870.270,922	20,31
111	281437,929	792500,925	631.874,188	4.870.250,950	23,49
104	281439,918	792477,520	631.850,857	4.870.253,523	1,94
103	281441,837	792477,829	631.851,214	4.870.255,432	53,35
102	281495,124	792480,427	631.855,143	4.870.308,597	118,54

S(cfr)=4408mp P=411,37m

EQUIPMENT LIST - CONTINUED

Nr. No	FACILITATE / ITEM
31	ZID PROTECTIE GODEVIL / PIG STOP
32	PUNCT DE SCURGERE / LOW LEVEL DRAIN POT ARRANGEMENT
33	LOC ADUNARE IN CAZ DE URGENTA / MUSTER POINT
34	22 LOCURI DE PARCARE / PARKING FOR 22 NO. VEHICLES
35	LOC PENTRU FUMAT / SMOKING AREA
36	ZONA GUNOI MENAJER / DOMESTIC WASTE AREA
37	DRUM ACCES / ACCESS ROAD
38	ECHIPAMENT HVAC/ HVAC EQUIPMENT
39	RASTEL BICICLETE / CYCLE RACK

Nr. No	FACILITATE / ITEM
1	ADAPOST CROMATOGRAZ GAZE SI ANALIZOR PUNCT DE ROUA APA/ GAS CHROMATOGRAPH AND WDP SHELTER
2	CAMERA ECHIPAMENT LOCAL / LOCAL EQUIPMENT ROOM
3	GENERATOR DE REZERVA / STANDBY GENERATOR (BUNDED AREA)
4	PUNCT RACORD TRANSGAZ / TRANSGAZ TIE-IN POINT
5	MAK60301/2 NGMS FILTRU SEPARATOR / NGMS FILTER SEPARATOR
6	GARA LANSARE/PRIMIRE GODEVIL / PIG LAUNCHER/RECEIVER
7	PLATFORMA TEHNOLOGICA / TECHNOLOGICAL PLATFORM
8	COS DISPERSIE GAZE / VENT STACK
9	DRUM INTERIOR SI PARCARE PENTRU 8 VEHICULE INCLUSIV STATIE DE INCARCARE VEHICUL ELECTRICA/ INTERNAL ROAD & PARKING FOR 8no. VEHICLES INCLUDING EV VEHICLE RECHARGING POINT
10	SKID MASURARE / METERING SKID
11	ROBINET DE CONTROL DEBIT / FLOW CONTROL VALVE
12	POARTA IESIRE PERSONAL IN CAZ DE URGENTA / PERSONNEL EMERGENCY EXIT GATE
13	GARD PROTECTIE / SECURITY FENCE
14	DRUM ACCES DIN DN 39 (AUTORIZAT SEPARAT) / DN39 ACCESS ROAD (SEPARATELY AUTHORIZED)
15	PORTI ACCES AUTO / VEHICLE ACCESS GATE
16	CAMERA DE CONTROL CENTRALIZAT / CENTRAL CONTROL ROOM BUILDING
17	CAMIN POMPE CANALIZARE/SEWAGE PUMP PIT
18	VAS COLECTARE SCURGERI (Ingropat)/SLOPES DRAIN TANK (Buried)
19	SEPARATOR HIDROCARBURI/GREASE SEPARATOR
20	MANECA DE VANT / WIND SOCK
21	SISTEM MASURA GAZE (TEMPORAR) / NGMS BUY BACK GAS SYSTEM (TEMPORARY)
22	HAP60301/2/3 - SKID INCALZITOARE (3 SKID-URI CU CATE 1BUC.) HEATERS SKID (3 SKIDS WITH 1 HEATERS EACH)
23	PUNCT DE CONEXIUNE CONNECTION POINT
24	ROBINET DE IZOLARE SI CAMIN / BLOCK VALVE STATION & SPLICING PIT (SEE NOTE 14)
25	BAZIN COLECTARE APA PLUVIALA / RAIN WATER DRAINAGE TANK
26	POARTA ACCES PERSONAL / PERSONNEL ACCESS GATE
27	ALEE PERSONAL / PERSONNEL WALKWAY
28	PANOURI COMANDA INCALZITOARE/HEATERS CONTROL PANELS
29	TRANSFORMATOARE INCALZITOARE/ HEATERS POWER TRANSFORMERS
30	BATERIE BUTELII AZOT / NITROGEN (N2) + CYLINDER RACK

NOTE / NOTES:

- TOATE SUPRAFETELE LIBERE IMPREJMUIE CU GARD DE PROTECTIE SI DRUMURILE INTERIOARE VOR FI ACOPERITE CU PIATRA SPARTA. SUPRAFETELE LIBERE DIN INTERIORUL IMPREJMUIRI CAMEREI DE CONTROL CENTRALIZAT SI CONEXIUNEA LA DRUMUL DE ACCES VOR FI PAVATE. ALL OPEN SURFACES INSIDE FENCED AREAS AND INTERNAL ROADS WILL BE COVERED WITH CRUSHED GRAVEL. OPEN SURFACE INSIDE CENTRAL CONTROL ROOM FENCED AREA AND ACCESS ROAD CONNECTION WILL BE PAVED.
- COSUL DE DISPERSIE GAZE VA FI AMPLASAT LA O DISTANTA DE MINIM 50M FATA DE GARD SAU ALTE ECHIPAMENTE. THE VENT STACK SHALL BE AT A MINIMUM DISTANCE OF 50M FROM EQUIPMENT AND THE FENCE LINE.
- PLANS A ESTE ELABORATA IN SISTEMUL DE COORDONATE STEREO 70. COORDINATES SYSTEM USED ON THE DRAWING IS STEREO 70.
- ECHIPAMENTELE HVAC SE VOR INSTALA PE PERETELE LATERAL AL CONTAINERELOR LER OPUS FATA DE ZONA DE PROCES HVAC EQUIPMENT SHALL BE INSTALLED ON THE SIDE OF THE LER CONTAINERS WITH INTAKE ORIENTATED ON OPPOSITE SIDE TO THE NGMS AREA.
- ELEVATIA CONDUCTELOR VA MINIMA UNDE ESTE POSIBIL. PODETE DE TRECERE AU FOST ADAUGATE PENTRU ACCES. ELEVATIA CONDUCTELOR PE SUB CARE SE VA FACE ACCESUL PIETONAL VA FI DE MINIM 2.1M. ALL PIPE WORK TO BE KEPT LOW LEVEL WHERE FEASIBLE. ADDITIONAL WALKWAYS ADDED TO DESIGN TO ACCOMMODATE ACCESS. ANY PIPE WORK ELEVATED MUST BE MINIMUM 2.1M ABOVE HEAD HEIGHT.
- STUDIUL FERA SE VA REFACE IN FAZA EPC.
- NEW FERA STUDY TO BE COMPLETED DURING EPC.
- NECESITATEA BLOCULUI DE ANCORARE VA FI CONFIRMATA DE CONTRACTOR (EPC) / ANCHOR BLOCK FERA REQUIREMENT TO BE CONFIRMED BY EPC CONTRACTOR.
- COSUL DE DISPERSIE GAZE VA FI DOTAT CU BALIZAJ PENTRU AVIATIE / VENT STACK TO INCLUDE AIRCRAFT WARNING LIGHT.
- DRUM DE ACCES PENTRU ZONA PC DIN DRUMUL EXISTENT / ROAD ACCESS REQUIRED TO PC AREA FROM EXISTING ROAD NETWORK.
- LOC DE ADUNARE IN CAZ DE URGENTA ALTERNATIV / ALTERNATIVE MUSTER POINT FOR CCR.
- LOCATIA SI ELEVATIA FINALA PENTRU TOATE ELEMENTELE VA FI VERIFICATA SI CONFIRMATA DE CONTRACTOR (EPC) / FINAL LOCATION AND ELEVATION OF ALL ITEMS SHOWN TO BE VERIFIED AND CONFIRMED BY EPC CONTRACTOR.
- SUBTRAVERSARE CALE FERATA / RAILWAY CROSSING REQUIRED (HOLD 2).
- BARIERA PROTECTIE NECESARA PENTRU SKIDUL DE MASURA TEMPORAR / TEMPORARY PROTECTION BARRIER REQUIRED FOR BUY BACK SKID WHEN INSTALLED.

PLANS A SE SUPUNE PREVEDERILOR PRIVIND CONFIDENTIALITATEA DIN CONTRACTUL DE CONCESIUNE NEPTUN DEEP SI A CONTRACTULUI DE OPERATIUNI COMUNE AFERENT SISAU CONTRACTELOR DE CONFIDENTIALITATE APLICABILE IN NUMELE OMV PETROM.

SUBJECT TO CONFIDENTIALITY PROVISIONS OF THE NEPTUN DEEP CONCESSION AGREEMENT AND RELATED JOINT OPERATING AGREEMENT AND/OR THOSE OF THE APPLICABLE NON-DISLOSURE AGREEMENT ON BEHALF OF OMV PETROM.

LEGENDA / LEGEND:
AG: SUPRATERAN / ABOVE GROUND
UG: SUBTERANE / UNDER GROUND

- LIMITA PROPRIETATE / PROPERTY LIMIT
- LIMITA NUMERE CADASTRALE / TOPOGRAPHICAL NO.
- LIMITA UAT / UAT LIMITS
- GARD DE PROTECTIE / SECURITY FENCE
- OBJECTIVE NOI / NEW OBJECTIVES
- DRUMURI INTERIOARE / INTERNAL ROADS
- DRUMURI EXISTENTE / EXISTING ROADS
- DRUM ACCES DIN DN 39 (AUTORIZAT SEPARAT) / DN39 ACCESS ROAD (SEPARATELY AUTHORIZED)
- DRUM ACCES POST TRANSFORMARE (AUTORIZAT SEPARAT) / TRANSFORMER ACCESS ROAD (SEPARATELY AUTHORIZED)
- LINIE CF / RAILWAY
- CONDUCTA SUBTERANA DE GAZE NATURALE / UNDER GROUND GAS PRODUCTION PIPELINE
- CONDUCTA SUPRATERANA DE GAZE NATURALE / ABOVE GROUND GAS PRODUCTION PIPELINE
- CONDUCTA TRANSGAZ SUBTERANA / UNDERGROUND TRANSGAZ PIPELINE (AUTORIZATA SEPARAT) / (SEPARATELY AUTHORIZED)
- PROTECTIE CONDUCTA / PIPELINE PROTECTION
- PROTECTIE CONDUCTA DE GAZE NATURALE IN TUNEL / CONCRETE CASING
- FACILITATI TRANSGAZ / TRANSGAZ FACILITIES / (AUTORIZAT SEPARAT) / (SEPARATELY AUTHORIZED)
- RACORD E-NEL (AUTORIZAT SEPARAT) / E-NEL CONNECTION (SEPARATELY AUTHORIZED)
- COORDONATE WGS84 / WGS COORDINATES
- COORDONATE STEREO 70 / STEREO 70 COORDINATES
- * DENUMIRE COMPLETA PROIECT / COMPLETE PROJECT NAME

NEPTUN DEEP - INSTALARE CONDUCTA SI CABLU DE COMUNICATII, SUBTRAVERSARE PLAJA, FALEZA, DRUMURI SI CALE FERATA; REALIZARE TRECERE TEMPORARA LA NIVEL CU CALEA FERATA; CONSTRUIRE SRM, CENTRU DE CONTROL, IMPREJMUIRE, ILUMINAT, PARCARI, SPATII VERZI, PLATFORME SI DRUMURI INTERIOARE; ORGANIZARE DE SANTIER, ASIGURAREA SI RACORDAREA LA UTILITATI, UNDERCROSSING OF BEACH, SEA FRONT, ROADS AND RAILWAY; TEMPORARY ROAD RAILWAY CROSSING; CONSTRUCTION OF NGMS, CONTROL CENTER, FENCING, LIGHTING, PARKING, GREEN SPACE, PLATFORMS, INTERNAL ROADS; SITE WORKS, ORGANIZATION AND UTILITIES CONNECTIONS.

HOLDS

- CERINTE INSTALARE FIT (DEBITMETRE) / FIT (FLOW METER) UPSTREAM AND DOWNSTREAM REQUIREMENTS.
- NOTA 12 - LOCATIE SUBTRAVERSARE CALE FERATA / NOTE 12 RAILWAY CROSSING LOCATION.
- CAMIN PENTRU APOMETRU SI ROBINET DE IZOLARE / VALVE PIT FOR FLOW METER AND ISOLATION VALVE (HOLD 3)

OMV Petrom
The energy for a better life.

PROJECT: NEPTUN DEEP FEED UPDATE

REVISION / ASSET: BLACK SEA DEEP ASSETS
PLANT: NGMS
PLANT No.: 90
SYSTEM No.: -

DRG. SIZE: A1
PROJECT No.: 000939
SCALE: 1:1000
CAD REF.: -
DRAWING NUMBER: ND-DIO-90-PI-DLAY-0001-0001
REV.: P01

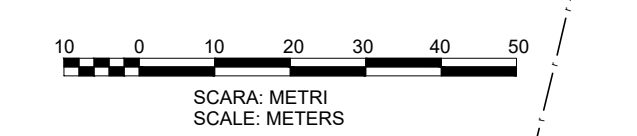
FACILITATI PE USCAT / ONSHORE FACILITIES
PLAN DE SITUATIE / PLAN OF SITUATION
PLOT PLAN

REVISION / ASSET: BLACK SEA DEEP ASSETS
PLANT: NGMS
PLANT No.: 90
SYSTEM No.: -

DRG. SIZE: A1
PROJECT No.: 000939
SCALE: 1:1000
CAD REF.: -
DRAWING NUMBER: ND-DIO-90-PI-DLAY-0001-0001
REV.: P01

SUPRAFATA AFECTATA DE LUCRARI DE CONSTRUIRE
AREA AFFECTED BY CONSTRUCTION WORKS

SUPRAFATA OMV PETROM SA 223184mp
DC4 (PRIMARIA TUZLA / TUZLA CITY HALL) 657mp
DE277 (PRIMARIA TUZLA / TUZLA CITY HALL) 898mp
DE 259/4 (PRIMARIA TUZLA / TUZLA CITY HALL) 571mp
CALE FERATA / RAILWAY (CNCF CFR S.A.) 4408mp
DE 269 (PRIMARIA TUZLA / TUZLA CITY HALL) 494mp
FALEZA / CLIFF (PRIMARIA TUZLA / TUZLA CITY HALL) 1484mp
PLAJA / BEACH (ANAR / ABA DOBROGEA LITORAL) 1180mp
TOTAL 232876mp



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