

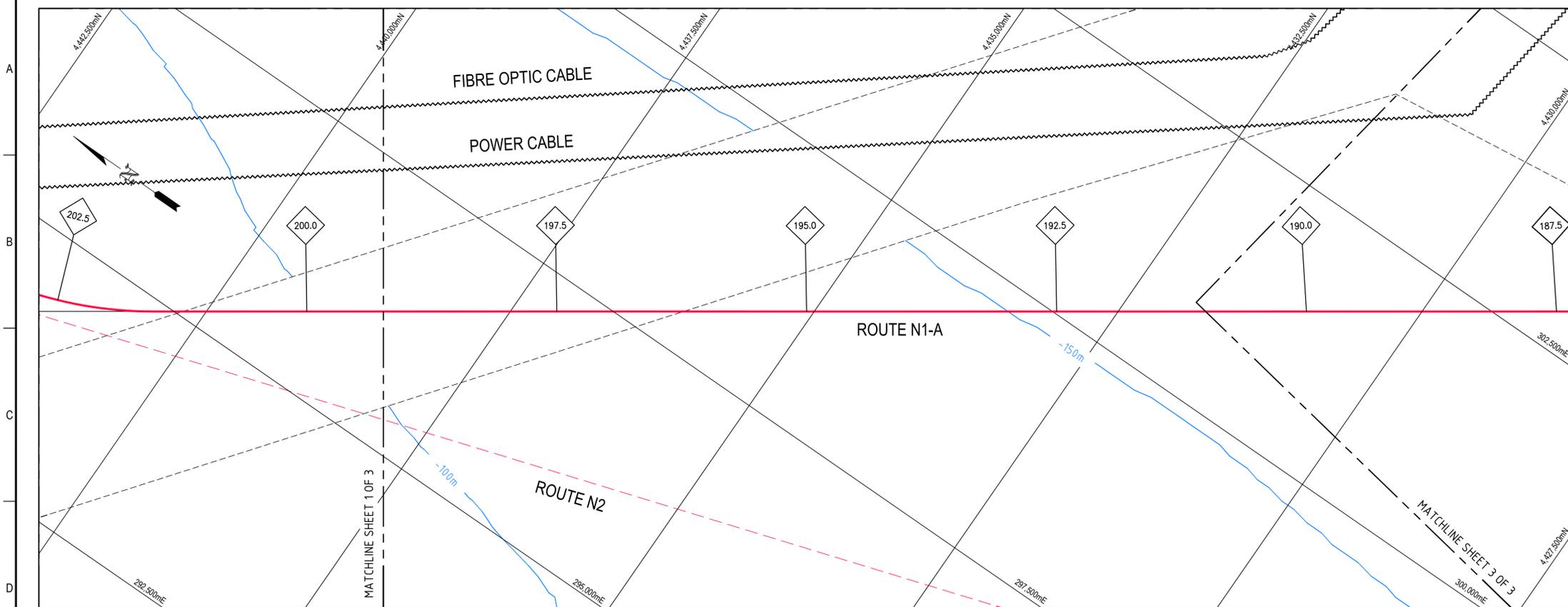


PROGETTO PRELIMINARE
PROGETTO IGI – POSEIDON
(metanodotto sottomarino)

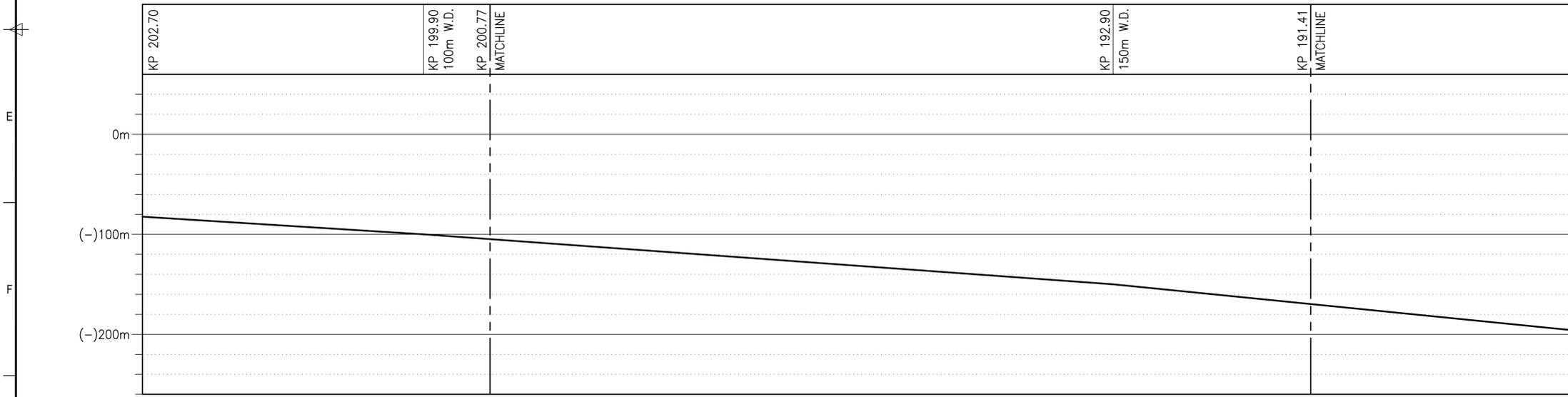
Allegato D
Settembre 2006
Rev. 0

PROGETTO PRELIMINARE
ALLEGATO D
PROGETTO IGI - POSEIDON
(metanodotto sottomarino)

PLAN VIEW



PRELIMINARY PROFILE ALONG ROUTE N1-A



PIPELINE DESIGN SUMMARY FOR SINGLE PIPELINE OPTION

OUTSIDE DIAMETER (INCH)	32
WALL THICKNESS (mm)	20.6
MATERIAL GRADE	X-70
ANTI-CORROSION COATING	4.5mm 3-LAYER POLYPROPYLENE
CONCRETE COATING (mm)	80

NOTES

- BATHYMETRY INSIDE SURVEY LIMITS IS FROM 2000 SURVEY BY GAS. BATHYMETRY OUTSIDE LIMIT OF 2000 SURVEY AREA IS BASED ON GTOPO30 DIGITAL ELEVATION DATA (30 ARCSEC) OBTAINED FROM USGS'S EROS DATA CENTER.
- GEOGRAPHIC COASTLINE DATA OBTAINED FROM NATIONAL GEOGRAPHIC DATA CENTER'S COASTLINE EXTRACTOR. WORLD VECTOR SHORELINE DATA (DESIGNED FOR 1:250,000)
- CABLE ALIGNMENTS FROM:
 - ITALIAN HYDROGRAPHIC CHART No. 920
 - ITALY-GREECE SUBMARINE HVDC INTERCONNECTOR - GENERAL OVERVIEW & KEY MAP.
 - SUBMARINE FIBRE-OPTIC LINK OTRANTO (ITALY) - FTFLIA (GREECE) MARINE SURVEY.
- PIPELINE DESIGN SUMMARY FROM PRELIMINARY DESIGN REPORT-MAR-1255-007.

ROUTE N1-A (GREEK LANDFALL TO OTRANTO, NORTH OF EXPLOSIVES AREA) 217 km

POINT	NORTHING (m)	EASTING (m)	LATITUDE	LONGITUDE
SLF	4,355,810	438,520	39° 20' 58" N	20° 17' 11" E
IP-1	4,348,660	430,720	39° 17' 04" N	20° 11' 48" E
IP-2	4,348,225	414,750	39° 16' 45" N	20° 00' 42" E
IP-3	4,346,500	413,150	39° 15' 49" N	19° 59' 36" E
IP-4	4,345,500	410,500	39° 15' 15" N	19° 57' 46" E
IP-5	4,339,380	401,650	39° 11' 53" N	19° 51' 40" E
IP-6	4,349,690	381,649	39° 17' 19" N	19° 37' 40" E
IP-N1-7	4,374,826	359,003	39° 30' 41" N	19° 21' 36" E
IP-N1-8	4,379,554	359,458	39° 33' 15" N	19° 21' 51" E
IP-N1-9	4,393,844	347,847	39° 40' 51" N	19° 13' 33" E
IP-N1-10	4,422,983	336,403	39° 56' 28" N	19° 05' 07" E
IP-N1-11	4,428,499	303,142	39° 59' 01" N	18° 41' 40" E
IP-8	4,441,467	294,169	40° 05' 54" N	18° 35' 07" E
IP-N1-12	4,446,232	294,169	40° 08' 28" N	18° 35' 02" E
IP-N1-13	4,450,906	287,620	40° 10' 54" N	18° 30' 20" E
OLF-1	4,446,993	287,153	40° 08' 47" N	18° 30' 05" E

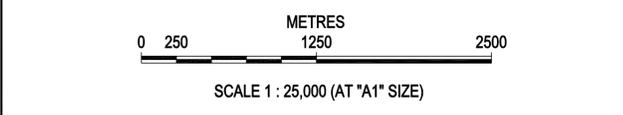
LEGEND

- BASE CASE ROUTE
- ORIGINAL FEASIBILITY STUDY ROUTES
- GTOPO30 CONTOURS (C.I.= 50m)
- SUBMARINE CABLE
- ORIGINAL SURVEY CORRIDOR

PROJECTION PARAMETERS

HOR. COORDINATE SYSTEM : WGS 84 / UTM ZONE 34
 PROJECTION : UNIVERSAL TRANSVERSE MERCATOR (UTM)
 Central Meridian (CM) : 21° 00' 00" East
 Latitude of Origin : 00° 00' 00" North
 False Easting : 500,000 m
 False Northing : 0 m
 Scale factor at CM : 0.999600

SCALE



1	22/02/2006	FINAL ISSUE	FAK	SB	MVD		
0	02/02/2006	ISSUED FOR COMMENTS	FAK	SB	MVD		



IGI INTERCONNECTOR GREECE - ITALY
 TECHNICAL FEASIBILITY STUDY
 GRANT AGREEMENT WITH EU TEN-E/2003/5.7100/2/03-009
 OCTOBER 2004



ITALIAN ROUTE SECTION
 ALIGNMENT CHART
 SHEET 2 OF 3

Αντιπρόσωπος Πελάτη Client Representative Elio Ruggeri	Κλίμακα Scale 1:25,000	Κωδικός Περιοχής Area Code	Φύλλο Sheet 2 of 3
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