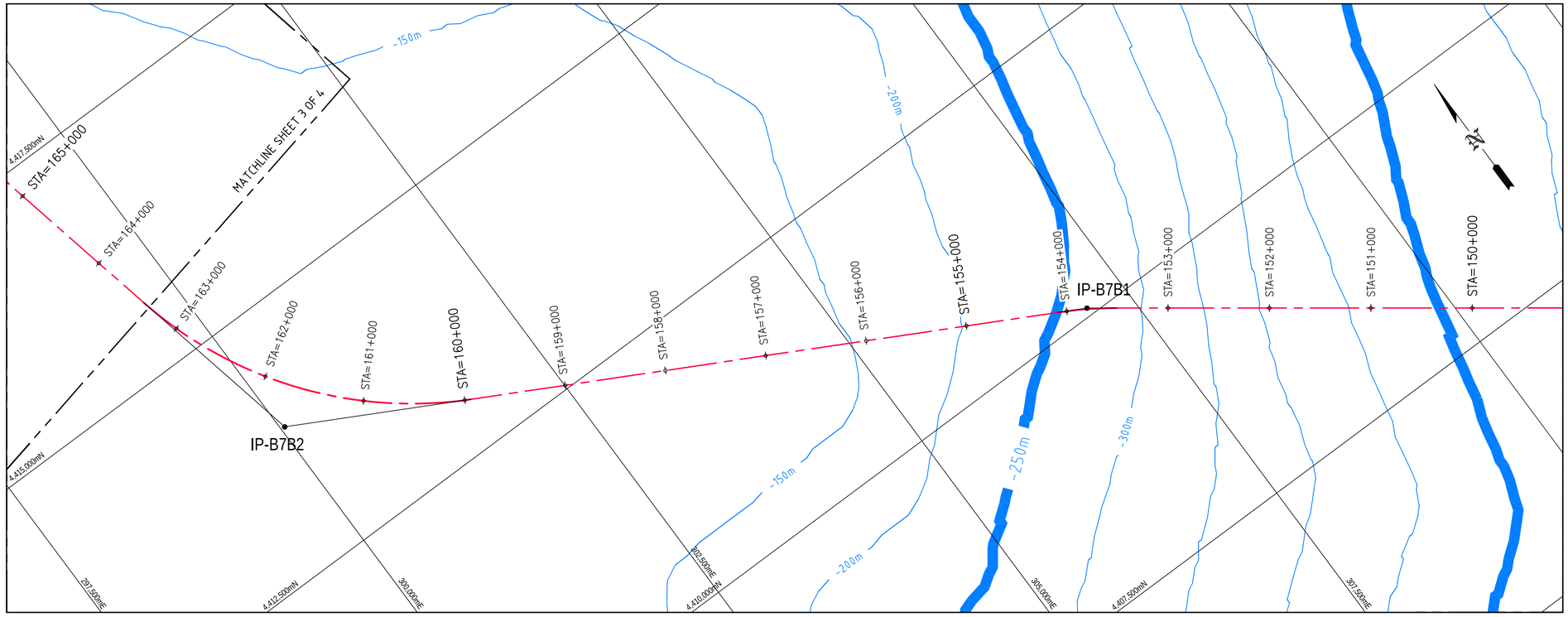
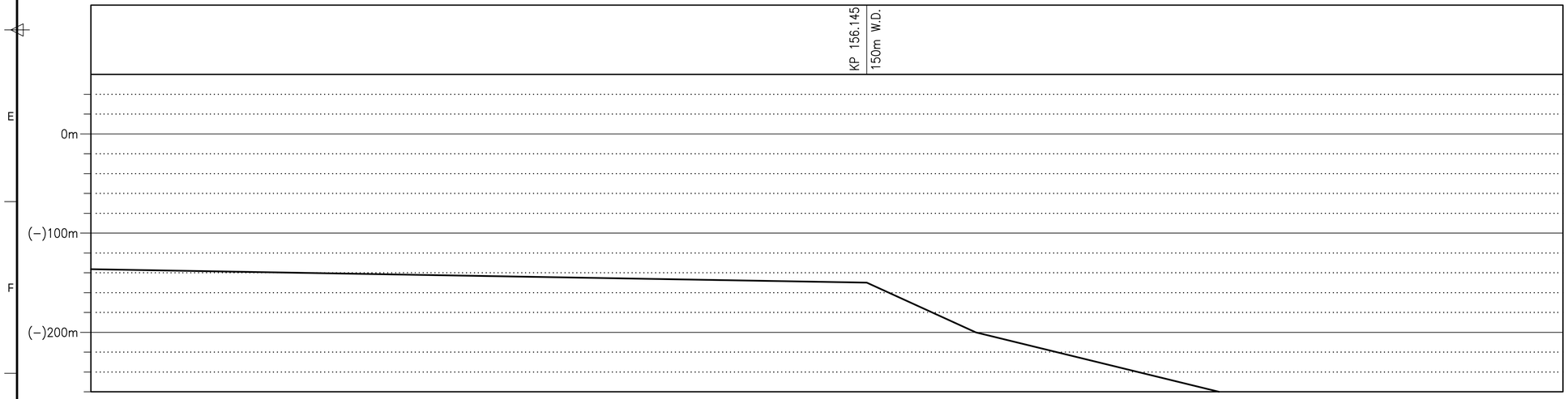
PLAN VIEW



PRELIMINARY PROFILE ALONG ROUTE B



PIPELINE DESIGN SUMMARY FOR SINGLE PIPELINE OPTION

	KP 156.145	150m W.D.
OUTSIDE DIAMETER (INCH)	32	
WALL THICKNESS (mm)	20.6	
MATERIAL GRADE	X−70	
ANTI−CORROSION COATING	4.5mm 3−LAYER POLYPROPYLENE	
CONCRETE COATING (mm)	40	NONE

NOTES

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

ROUTE DEFINITION

Base case Route B	Northing (m)	Easting (m)	Latitude	Longitude	Radius (m)
SLF	4,355,789	438,525	39° 20' 58" N	20° 17' 12" E	
IP−1A	4,350,964	428,321	39° 18' 18" N	20° 10' 07" E	4000
IP−2A	4,351,058	414,087	39° 18' 17" N	20° 00' 13" E	4000
IP−5B	4,345,238	399,213	39° 15' 02" N	19° 49' 55" E	4000
IP−6B	4,380,850	346,382	39° 33' 49" N	19° 12' 42" E	4000
IP−B7B1	4,410,079	307,087	39° 49' 08" N	18° 44' 46" E	4000
IP−B7B2	4,413,861	300,042	39° 51' 04" N	18° 39' 46" E	4000
IP−10	4,441,467	294,169	40° 05' 54" N	18° 35' 07" E	4000
IP−11B	4,447,945	297,153	40° 09' 27" N	18° 37' 06" E	2000
IP−12B	4,448,777	287,364	40° 09' 45" N	18° 30' 11" E	1300
EXIT POINT	4,447,455	287,208	40° 09' 02" N	18° 30' 06" E	
OLF−1	4,446,993	287,153	40° 08' 47" N	18° 30' 05" E	
ENTRANCE	4,446,914	287,143	40° 08' 44" N	18° 30' 04" E	

LEGEND

- BASE CASE ROUTE
- -450 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

METRES

0 250 1250 2500

SCALE 1 : 25,000 (AT "A1" SIZE)

Αναθ. Rev. No.	ΗΜΕΡΟΜΗΝΙΑ Date	Περιγραφή Description	Ετοιμάστηκε Prepared	Έλεγχος Checked	Εγκρ. PM Appr. PM	Εγκρ. PD Appr. PD	ΗΜΕΡΟΜ. Date	Έγκριση Approved
0	07/11/07	FINAL	FAK	MVD	MVD			
A	07/11/07	FOR INTERNAL REVIEW	FAK	MVD	MVD			

ΜΗΧΑΝΙΚΟΣ / CONTRACTOR — ΠΕΛΑΤΗΣ / COMPANY

EDISON DEPA

INTEC ENGINEERING B.V.

IGI INTERCONNECTOR GREECE - ITALY
TECHNICAL FEASIBILITY STUDY

GRANT AGREEMENT WITH EU TEN-E/2003/5.7100/Z/03-009
OCTOBER 2004

Τίτλος / Title
ITALIAN ROUTE SECTION ALIGNMENT CHART 4 OF 4

Αντιπρόσωπος Πελάτη / Client Representative : Elio Ruggeri
Κωδικός Αναφοράς Πελάτη / Client Reference : Σύμβαση No / Contract No. 5000012345 IG
Αντιπρόσωπος Μηχανικού / Engineer Representative : Martijn van Driel
Παραγωγή Αρχείων / Document Originator : Frank van Kuijk

Κλίμακα / Scale: 1:25,000
Κωδικός Περιοχής / Area Code: GI
Φύλο / Sheet 4 of 4
Κωδικός Προγράμματος / Project Identification: **31030508**
Σχέδιο-No / Drawing-No.: **0101-DRW-00-006**
Αναθ. / Rev.: **0**
DEPA Contract | Unit Number Identification | Size | Sec. | No.