



## LEGEND

### GENERAL INFORMATION

- Survey centre line with CL (kilometre) enclature
- IP points with ID
- Matchline for overlapping chart frame with ID
- Outline
- Territorial Border / EEZ
- Maritime Dumping Area

### BATHYMETRY AND SEABED GRADIENT PLOT

- Water depth contour (interval 1.0 metre)
- Water depth contour (interval 5.0 metre)
- Water depth contour (interval 10.0 metre)
- Cone sample location with identifier no.

### SURFICIAL GEOLOGY AND SEABED FEATURES

- Slumping area (line indicating slump lobe, arrow indicating direction of slumping)
- Single Boulder (1-2.5m) on finer sediment
- Seabed depression or pocket, with diameter (d) and depth (D)
- Side Scan Sonar coverage
- Object with ID
- Whisk with ID
- Water depth contour (interval 10.0 metre)
- Cable as given position
- Cable from SSS-record
- Cable from MBES-record

### SEABED AND GEOLOGICAL PROFILE

- Seabed profile (DTM, MSL)
- Reflection
- Weak or intermittent reflector
- Upper reflector of Gas charged sediment

### GEOTECHNICAL SAMPLING

Analysis performed by sub-contractor Tynins

- Shear strength  $\tau_v$  (kPa) (unreduced), according to cone sample
- Sanatinity  $S_v$ , according to cone sample
- Natural water content  $w_n$  %
- Liquid limit  $w_L$  %
- Bulk density  $\rho_{bulk}$   $kg/m^3$

### SLOPE

Apparent slope angle in degrees for survey centre line, calculated on a running 10 meter interval

### NOTES

Coordinate sys. : WGS84 UTM Zone 24, Chart Latitude and Longitude are given in formal DDDMM format  
 Meridians shown also with local coordinate systems (Converted using AUSCAD2008)  
 - Greek Landfill presented in Hellenic Geospatial Reference System 87 (HGRS87/EGCS87)  
 - Italian Landfill presented in Italian Meris 1940, Rome

In metres unless otherwise stated  
 - In metres and meters to LAT (Geoid Astronomical TGM), based on calculated model  
 - Block Survey: 25 x 25 metres  
 - Route Survey (Depth dependent): 5 x 5m (0-200m depth), 10 x 10m (200-300m depth)  
 - LMT project no. 100297 Survey Report, for equipment and positioning system used  
 - Provided by INTEC  
 - September - October 2007

Client vessel : Franka  
 Echo sounder : Multibeam Simrad EK60, 70-100 kHz  
 Positioning : Applanix Pos MV, DGPS Ashtek G24  
 LBL positioning : Coda Octopus  
 SSS : Edgetech 2400 DSS Deep tow sonar system  
 SVP : Chirp Edgetech DW-106, 1-8 kHz / Sparan low system Geo Sparan 800  
 Sampling : Fison Cover and Box Core

Scale bar: 0 100 1000 metres

### INDEX CHART

### Client Information

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Client Engineer	INTEC	INTEC Engineering contact information Olea street, 105 12 200 0000 Fax: +30 21 02 25 0000 82, Soranou Efessiou st. 115 27 Neos Sofias, Athens Greece
Survey contractor	Marin Mätteknik AB	Marin Mätteknik AB contact information Olea street, 105 12 200 0000 Fax: +30 21 02 25 0000 82, Soranou Efessiou st. 115 27 Neos Sofias, Athens Greece

### Revision Table

Rev. No.	Revision	Date	Drawn	Checked	Appr.
2	Final Report	07/12/08	SP EL	SP	NI
1	Desk Final Report	07/11/08	AN SP EL	SP	NI
0	Final Report - Provisional Information, Preliminary Results	07/02/07	AN SP EL	PT	SP

### Interconnector Greece - Italy

Survey and Engineering Consultancy Services

MAT project no.	100297	Vertical scale	1:1 000
Horizontal scale	1:10 000	Survey Route	Route B
Chart type	Survey Alignment Chart	Scale	Route B
HP interval	101.721 to 170.286	Drawing No.	100297 JGI-B-019