



LEGEND

GENERAL INFORMATION

- Survey centre line with CL (bathymetry) annotations (IP points with ID)
- Machine for overlapping chart frame with ID
- Contours
- 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
- Wreck with ID
- Water depth contour (interval 10.0 metre)

SEABED AND GEOLOGICAL PROFILE

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

GEOTECHNICAL SAMPLING

Analysis performed by sub-contractor Tylmris

- Shear strength τ_u (kPa) (undrained), according to cone sample
- Remotely σ_v (kPa) (undrained), according to cone sample
- Natural water content w (%)
- Liquid limit w_L (%)
- Bulk density ρ_{bulk} (kg/m³)

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 DGM84. Meters above sea level with local coordinate systems (Converted using AUSAD2008). Greek Landfill presented in Historic Geospatial Reference System 87 (HGRS87/EGCS87). Italian Landfill presented in Roma Marina 1940, Roma.

In metres unless otherwise stated

Water depths: 20 x 2m (0-200m depth) or 25 x 2m (1-1000m depth)

DTM grid size: Block Survey - 25 x 25 metres

Route Survey (Depth dependent): 5 x 5m (0-200m depth), 10 x 10m (200-500m depth)

Reference: CL located at the western end of the route options

MMT project no.: 100297 Survey Report, for equipment and positioning system used

Positioning: Provided by INTEC

Survey date: September - October 2007

Offshore vessel: Franklin

Radio scanner: Multicom Channel SM710, 70-100 MHz

Positioning: DGPS (GAR)

USBL positioning: Edgetech 2400 DBS Deep low sonar system

SBP: Chipp Edgetech DW-106, 1-8 Hz / Sparan low system Geo Sparan 800

Sampling: Pattern Cover and Box Core

INDEX CHART

Client Information

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Client Engineer	INTEC	INTEC Engineering contact information Oftis street 45 11200 Athens Fax: +30 210 2501000 82, Soranou Efessiou 11527 Athens, Greece
Survey contractor	Marin Mätteknik AB	Marin Mätteknik AB contact information Oftis street 45 11200 Athens Fax: +30 210 2501000 82, Soranou Efessiou 11527 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	Field Report - Provisional Information, Preliminary Results	07/02/07	AN SP EL	SP	NI

Interconnector Greece - Italy Survey and Engineering Consultancy Services

MMT project no.	100297	Vertical scale	1:1 000
Horizontal scale	1:10 000	Survey Route	Route B
Chart type	Survey Alignment Chart	Scale	Scale B
XP interval	188.200 to 196.270	Drawing No.	100297-IGI-B-022