

## GLOSS Sea Level Data Archeology Project

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## *GLOSS* Sea-Level Data Archeology Project

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### GLOSS Data Archeology - Preliminary Questionnaire Return and Status

<u>ISRAEL</u> : Questionnaire 1	
<b>1. PRIMARY INFORMATION</b>	
<b>Contact Name</b> <b>Address</b>  <b>Tel/Fax/E-mail</b>	Yossi Melzer <a href="mailto:melzer@netvision.net.il">melzer@netvision.net.il</a> Boris Shirman <a href="mailto:Boris@soi.gov.il">Boris@soi.gov.il</a> 1, Lincoln St., 65220 Tel-Aviv
<b>Location of the historic measurements</b> (station name, country name, if possible latitude/longitude) If possible a local map should be provided showing the location of the measurements within a port or harbour (we realise that sometimes the exact location may no longer be known).	Yafo Israel Lat 32° 02' Lon 34° 45'
<b>Start and end dates of the measurements</b>	June 1962 - 1990
<b>Are existing (i.e. probably later) data already available in computer form from this site? If so, for what dates?</b>	1996 - 2001
<b>Is this site a GLOSS station, or are there existing data from this site in the PSMSL, UHSLC or other international data banks? (We can enter this field if necessary from our knowledge of GLOSS, PSMSL and UHSLC)</b>	<a href="ftp://ftp.rd.soi.gov.il/slev">ftp://ftp.rd.soi.gov.il/slev</a>
<b>2. SUPPLEMENTARY INFORMATION</b>	
<b>Type of charts.</b> Manufacturer of the charts. Approximate size (cm x cm or inch x inch).	Paper Nr 400 R23 von A.OTT.Kempton

<b>Manufacturer</b> and description of the gauge itself.	
<b>Scale factor</b> (i.e. ratio of sea level in the ocean to that on the chart)	1 : 1
<b>Chart replacement frequency</b> (e.g. daily, weekly)	Weekly
<b>Quality of charts</b> (e.g. Is the pen trace thin and distinct, which is good, or fat or smudged, which is bad? Is the paper deteriorating? How much high-frequency variability is there in the pen trace from waves, harbour activity or seiching).	30% of paper is deteriorating and pen trace is fat and smudged because high humidity, waves.
<b>How often were checks made on the gauge by a local observer?</b>	Weekly
<b>Is there corresponding data available from tide pole readings?</b> How frequent were they (e.g. daily, weekly) and are how are those readings recorded (e.g. in a book, marked on the chart)	Weekly
<b>Is there other detailed knowledge of the relationship between the zero of the chart readings, tide gauge zero, tide pole zero, heights of nearby benchmarks etc.?</b>	Zero of the chart readings was determined by means of local benchmarks net.

<b>ISRAEL</b> : Questionnaire 2	
<b>1. PRIMARY INFORMATION</b>	
<b>Contact Name</b> <b>Address</b>	Yossi Melzer <a href="mailto:melzer@netvision.net.il">melzer@netvision.net.il</a> Boris Shirman <a href="mailto:Boris@soi.gov.il">Boris@soi.gov.il</a> 1, Lincoln St., 65220 Tel-Aviv
<b>Tel/Fax/E-mail</b>	
<b>Location of the historic measurements</b> (station name, country name, if possible latitude/longitude) If possible a local map should be provided showing the location of the measurements within a port or harbour (we realise that sometimes the exact location may no longer be known).	Eilat Israel Lat 29° 32' Lon 34° 56'
<b>Start and end dates of the measurements</b>	1965 - 1975, 1986 - 1998
<b>Are existing (i.e. probably later) data already available in computer form from this site? If so, for what dates?</b>	1998 - 2001
<b>Is this site a GLOSS station, or are there existing data from this site in the PSMSL, UHSLC or other international data banks? (We</b>	<a href="ftp://ftp.rd.soi.gov.il/eilat">ftp://ftp.rd.soi.gov.il/eilat</a>

can enter this field if necessary from our knowledge of GLOSS, PSMSL and UHSLC)	
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<b>2. SUPPLEMENTARY INFORMATION</b>	
<b>Type of charts.</b> Manufacturer of the charts. Approximate size (cm x cm or inch x inch).	INCO Ltd., Jerusalem 91043 Chart Nr.2700 L 27.0 cm x 360 cm
<b>Manufacturer</b> and description of the gauge itself.	OTT
<b>Scale factor</b> (i.e. ratio of sea level in the ocean to that on the chart)	1 : 1
<b>Chart replacement frequency</b> (e.g. daily, weekly)	1 - 2 Weeks
<b>Quality of charts</b> (e.g. Is the pen trace thin and distinct, which is good, or fat or smudged, which is bad? Is the paper deteriorating? How much high-frequency variability is there in the pen trace from waves, harbour activity or seiching).	The pen trace is thin and distinct
<b>How often were checks made on the gauge by a local observer?</b>	1 - 2 Weeks
<b>Is there corresponding data available from tide pole readings?</b> How frequent were they (e.g. daily, weekly) and are how are those readings recorded (e.g. in a book, marked on the chart)	1 - 2 Weeks
<b>Is there other detailed knowledge of the relationship between the zero of the chart readings, tide gauge zero, tide pole zero, heights of nearby benchmarks etc.?</b>	Zero of the chart readings was determined by means of local benchmarks net.