

GLOSS Sea Level Data Archeology Project



GLOSS Sea-Level Data Archeology Project

GLOSS Data Archeology - Preliminary Questionnaire Return and Status

AUSTRALIA : Questionnaire 1	
1. PRIMARY INFORMATION	
Contact Name Address Tel/Fax/E-mail	Stephen Martin State Library NSW Macquarie St SYDNEY 2000 (02) 92731766 ph (02) 92731248 fax
Location of the historic measurements (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).	Boat Harbour, Adelie Land, Commonwealth Bay, Australian Antarctic Territory (See published Report for map)
Start and end dates of the measurements	26/5/1912 - 9/9/1912
Are existing (i.e. probably later) data already available in computer form from this site? If so, for what dates?	No
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)	
2. SUPPLEMENTARY INFORMATION	
Type of charts. Manufacturer of the charts. Approximate size (cm x cm or inch x inch).	MSS Charts 2ft x 1ft

Manufacturer and description of the gauge itself.	Halligan, designed for NSW Government and lent to the Australasian Antarctic Expedition
Scale factor (i.e. ratio of sea level in the ocean to that on the chart)	1ft to 1½ ins
Chart replacement frequency (e.g. daily, weekly)	Varies
Quality of charts (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).	Varies but generally fair, graph paper quality good and the trace is usually fine.
How often were checks made on the gauge by a local observer?	Regular when possible but varies.
Is there corresponding data available from tide pole readings? How frequent were they (e.g. daily, weekly) and are how are those readings recorded (e.g. in a book, marked on the chart)	No
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.?	See published report.

AUSTRALIA : Questionnaire 2	
1. PRIMARY INFORMATION	
Contact Name Address	Stephen Martin State Library NSW Macquarie St SYDNEY 2000
Tel/Fax/E-mail	(02) 92731766 ph (02) 92731248 fax (MLSS171/38X)
Location of the historic measurements (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).	Garden Bay Macquarie Island
Start and end dates of the measurements	29/7/1912 - 7/2/1913
Are existing (i.e. probably later) data already available in computer form from this site? If	No

so, for what dates?	
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)	

2. SUPPLEMENTARY INFORMATION	
Type of charts. Manufacturer of the charts. Approximate size (cm x cm or inch x inch).	MSS sheets 2ft x 1½ ins
Manufacturer and description of the gauge itself.	Halligan, designed for NSW Government and lent to the Australasian Antarctic Expedition
Scale factor (i.e. ratio of sea level in the ocean to that on the chart)	1ft to 1½ ins
Chart replacement frequency (e.g. daily, weekly)	Daily (usually)
Quality of charts (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).	Variable, but readable, paper quality good and trace usually readable.
How often were checks made on the gauge by a local observer?	Daily (usually)
Is there corresponding data available from tide pole readings? How frequent were they (e.g. daily, weekly) and are how are those readings recorded (e.g. in a book, marked on the chart)	No
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.?	See published report.

AUSTRALIA : Questionnaire 3	
1. PRIMARY INFORMATION	
Contact Name Address	Stephen Martin State Library NSW Macquarie St SYDNEY 2000
Tel/Fax/E-mail	(02) 92731766 ph (02) 92731248 fax

	(MLSS171/39X)
Location of the historic measurements (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).	Garden Bay, Macquarie Island
Start and end dates of the measurements	7/2/1913 - 10/6/1913
Are existing (i.e. probably later) data already available in computer form from this site? If so, for what dates?	No
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)	

2. SUPPLEMENTARY INFORMATION	
Type of charts. Manufacturer of the charts. Approximate size (cm x cm or inch x inch).	Plain paper sheets folded, faintly lined
Manufacturer and description of the gauge itself.	Halligan, designed for NSW Government and lent to the Australasian Antarctic Expedition
Scale factor (i.e. ratio of sea level in the ocean to that on the chart)	1ft to 1½ ins
Chart replacement frequency (e.g. daily, weekly)	Daily
Quality of charts (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).	Variable but readable, paper quality good but without any printed reference accurate readings may prove difficult. Trace usually good and readable.
How often were checks made on the gauge by a local observer?	Daily
Is there corresponding data available from tide pole readings? How frequent were they (e.g. daily, weekly) and are how are those readings recorded (e.g. in a book, marked on the chart)	No
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.?	See published report.

AUSTRALIA : Questionnaire 4

1. PRIMARY INFORMATION

Contact Name Address	Stephen Martin State Library NSW Macquarie St SYDNEY 2000
Tel/Fax/E-mail	(02) 92731766 ph (02) 92731248 fax
Location of the historic measurements (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).	Garden Bay, Macquarie Island See published report
Start and end dates of the measurements	19/11/1913-29/11/1913
Are existing (i.e. probably later) data already available in computer form from this site? If so, for what dates?	No
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)	

2. SUPPLEMENTARY INFORMATION

Type of charts. Manufacturer of the charts. Approximate size (cm x cm or inch x inch).	Printed forms labelled 'Self Regulating Tide Guage Newcastle'
Manufacturer and description of the gauge itself.	Halligan, designed for NSW Government and lent to the Australasian Antarctic Expedition
Scale factor (i.e. ratio of sea level in the ocean to that on the chart)	1ft to 2 ins
Chart replacement frequency (e.g. daily, weekly)	2 - 3 days
Quality of charts (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).	Paper frail but trace readable.
How often were checks made on the gauge by a local observer?	Unknown (daily ?)

<p>Is there corresponding data available from tide pole readings? How frequent were they (e.g. daily, weekly) and are how are those readings recorded (e.g. in a book, marked on the chart)</p>	No
<p>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.?</p>	See published report.
