

Questionnaire

We would be grateful if you could provide the following information:

1. PRIMARY INFORMATION	
Contact Name Address Tel/Fax/E-mail	IVICA VILIBIC Hydrographic Institute of the Republic of Croatia, Zrinsko Frankopanska 161, 21000 Split, CROATIA +385 21 361840 +385 21 347242 ivica.vilibic@hhi.hr
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).	Split Harbour (43°30.4' N, 16°26.5' E), Croatia
Start and end dates of the measurements	03.1954 -
Are existing (i.e. probably later) data already available in computer form from this site? If so, for what dates?	After 1983 (PS. The charts were digitised within ESEAS-RI)
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)	PSMSL
2. SUPPLEMENTARY INFORMATION	
Type of charts. Manufacturer of the charts. Approximate size (cm x cm or inch x inch).	OTT, 74 x 46 cm
Manufacturer and description of the gauge itself.	OTT type X
Scale factor (i.e. ratio of sea level in the ocean to that on the chart)	1:5
Chart replacement frequency (e.g. daily, weekly)	weekly
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).	good
How often were checks made on the gauge by a local observer?	every week
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)	
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.?	yes

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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).	Mali Ston (42°50.5' N, 17°42.5' E), Croatia
Start and end dates of the measurements	02.1954 – 12.1954; 01.1957 – 10.1959
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)	PSMSL

2. SUPPLEMENTARY INFORMATION	
Type of charts. Manufacturer of the charts. Approximate size (cm x cm or inch x inch).	russian (1954), OTT (1957-1959), 39 x 27 cm
Manufacturer and description of the gauge itself.	OTT
Scale factor (i.e. ratio of sea level in the ocean to that on the chart)	1:10
Chart replacement frequency (e.g. daily, weekly)	weekly
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).	fair
How often were checks made on the gauge by a local observer?	every week
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)	
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.?	yes

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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).	Ston (42°50.0' N, 17°42.0' E), Croatia
Start and end dates of the measurements	02.1954 – 12.1954
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)	

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Type of charts. Manufacturer of the charts. Approximate size (cm x cm or inch x inch).	russian
Manufacturer and description of the gauge itself.	
Scale factor (i.e. ratio of sea level in the ocean to that on the chart)	1:5
Chart replacement frequency (e.g. daily, weekly)	weekly
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).	fair
How often were checks made on the gauge by a local observer?	every week
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)	
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.?	yes

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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).	Dubrovnik (42°39.5' N, 18°03.8' E), Croatia
Start and end dates of the measurements	04.1954 – 12.1954, 06.1955 -
Are existing (i.e. probably later) data already available in computer form from this site? If so, for what dates?	After 1986
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)	PSMSL

2. SUPPLEMENTARY INFORMATION	
Type of charts. Manufacturer of the charts. Approximate size (cm x cm or inch x inch).	OTT, 74 x 46 cm
Manufacturer and description of the gauge itself.	OTT type X
Scale factor (i.e. ratio of sea level in the ocean to that on the chart)	1:5
Chart replacement frequency (e.g. daily, weekly)	weekly
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).	good
How often were checks made on the gauge by a local observer?	every week
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)	
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.?	yes

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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).	Rovinj (45°05.0' N, 13°37.7' E), Croatia
Start and end dates of the measurements	06.1955 -
Are existing (i.e. probably later) data already available in computer form from this site? If so, for what dates?	After 1986
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)	PSMSL

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Manufacturer and description of the gauge itself.	OTT type X
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Chart replacement frequency (e.g. daily, weekly)	weekly
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How often were checks made on the gauge by a local observer?	every week
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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.?	yes

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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).	Vis (43°04.0' N, 16°12.3' E), Croatia
Start and end dates of the measurements	01.1957 – 12.1957, 01.1983 – 06.1991
Are existing (i.e. probably later) data already available in computer form from this site? If so, for what dates?	After 1986
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)	PSMSL

2. SUPPLEMENTARY INFORMATION	
Type of charts. Manufacturer of the charts. Approximate size (cm x cm or inch x inch).	OTT, 39 x 27 cm
Manufacturer and description of the gauge itself.	OTT type V
Scale factor (i.e. ratio of sea level in the ocean to that on the chart)	1:10
Chart replacement frequency (e.g. daily, weekly)	weekly
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).	fair
How often were checks made on the gauge by a local observer?	every week
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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.?	yes

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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).	Usce Neretve (43°01.2' N, 17°27.1' E), Croatia
Start and end dates of the measurements	01.1957 – 12.1957
Are existing (i.e. probably later) data already available in computer form from this site? If so, for what dates?	No
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Type of charts. Manufacturer of the charts. Approximate size (cm x cm or inch x inch).	home-made
Manufacturer and description of the gauge itself.	
Scale factor (i.e. ratio of sea level in the ocean to that on the chart)	1:7
Chart replacement frequency (e.g. daily, weekly)	weekly
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).	fair
How often were checks made on the gauge by a local observer?	every week
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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).	Broce (42°49.3' N, 17°43.2' E), Croatia
Start and end dates of the measurements	01.1957 – 10.1959
Are existing (i.e. probably later) data already available in computer form from this site? If so, for what dates?	
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Manufacturer and description of the gauge itself.	OTT type X
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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).	Gazenica (44°05.4' N, 15°16.3' E), Croatia
Start and end dates of the measurements	01.1983 – 12.1988
Are existing (i.e. probably later) data already available in computer form from this site? If so, for what dates?	After 1986
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)	PSMSL

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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.?	yes

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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).	Zlarin (43°41.8' N, 15°50.4' E), Croatia
Start and end dates of the measurements	01.1983 – 05.1988
Are existing (i.e. probably later) data already available in computer form from this site? If so, for what dates?	After 1986
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)	PSMSL

2. SUPPLEMENTARY INFORMATION	
Type of charts. Manufacturer of the charts. Approximate size (cm x cm or inch x inch).	OTT, 39 x 27 cm
Manufacturer and description of the gauge itself.	OTT type V
Scale factor (i.e. ratio of sea level in the ocean to that on the chart)	1:10
Chart replacement frequency (e.g. daily, weekly)	weekly
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).	fair
How often were checks made on the gauge by a local observer?	every week
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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.?	yes

Please provide as much as possible other background information and send replies to this questionnaire to Liz Bradshaw either by email (elizb@bodc.ac.uk), fax (+44 151 652 3950) or post to:

Liz Bradshaw
British Oceanographic Data Centre
Proudman Oceanographic Laboratory
Bidston Observatory, Prenton, Merseyside. CH43 7RA
United Kingdom

Many thanks once again for your time and interest in this.