

ANGUS COUNCIL

ARBROATH HARBOUR JOINT CONSULTATIVE COMMITTEE

20 NOVEMBER 2009

ARBROATH HARBOUR - AUTUMN REPORT

REPORT BY THE DIRECTOR OF INFRASTRUCTURE SERVICES

ABSTRACT

This Report details ongoing operations at the Harbour since the previous meeting of the Arbroath Harbour Joint Consultative Committee (AHJCC), outlines plans for future programmes of works, and discusses contemporary matters of relevance to harbour activities.

1 RECOMMENDATION

- 1.1 It is recommended that the Committee agrees to note and approve the contents of this Report.

2 ADMINISTRATIVE MATTERS**2.1 Financial Update to end of March 2009**

- 2.1.1 Appendix 1 shows the estimated financial outturn position as at 31 March 2009. The appendix shows that there is an estimated overspend on property costs and third party payments, however, this is offset by additional income. Overall the projected outturn for the year shows a projected modest underspend of £2,932 compared to budgeted net expenditure of £132,000.

2.2 Port Marine Safety Code

- 2.2.1 With reference to item 2.1 (b) of the Minute of the Meeting of this Committee on 22 May 2009 a joint inspection of the harbour had been carried out in February 2009. The list of hazards identified in Appendix 2 of the AHJCC Spring Report 428/09 were addressed and rectified by T & N Gilmartin Contractors Ltd., the contractor who was carrying out snagging works in the harbour during the summer months.

- 2.2.2 A further joint inspection will be carried out in February 2010.

2.3 Revision of Harbour Charges - Biennial Review of Charges for Implementation in April 2010

- 2.3.1 With reference to item 2.1(c) of the Minute of this Committee on 22 May 2009 regarding the harbour charges for 2010 - 2011, the Head of Roads has considered members' comments and has taken cognisance of recent price movements. The Committee is asked to endorse the recommendation that the harbour charges for year 1 April 2010 to 31 March 2011 remain unchanged from the current year. Subject to this proposal being approved by the Infrastructure Services Committee these charges will be effective from 1 April 2010. Thereafter the next biennial review will be undertaken in Autumn 2010.

2.4 Oil Spill Contingency Planning and Response

- 2.4.1 With reference to item 2.1 (d) of the Minute of the Meeting of this Committee on 22 May 2009, there have been no further significant pollution incidents in the harbour in the intervening period.

- 2.4.2 The Harbour Master and his staff carried out a desk top exercise with Briggs Marine on 20 October 2009 which involved looking into an example of an oil spill incident within the harbour and the procedures required to deal with such an incident.

- 2.4.3 One of the Harbour Assistants has now attained an On Scene Commander's Course Level 3 in Oil Spill Response Familiarisation.

2.4.4 The council continues to retain the services of a specialist contractor to deal with higher-level pollution incidents should they occur.

2.5 Control of Tri-Organo Tins (TOT)

2.5.1 With reference to item 2.1 (e) of the Minute of the Meeting of this Committee on 22 May 2009, in all the tests to date from the inner and outer harbours and the wash down waters from the recycling system at the slipway the levels of Tri-organo tins (TOT) have been acceptably low. Results from recent sampling along with the E. Coli results from the recycled water are attached in Appendix 2 to this report.

2.6 Scottish Ports Meeting

2.6.1 With reference to item 2.1 (f) of the Minute of the Meeting of this Committee on 22 May 2009, the minutes of the Scottish Ports Meeting held on 23 April 2009 are available for inspection by the members of this Sub-Committee in the Harbour office.

2.6.2 The most recent Scottish Ports Meeting was held on 23 September 2009, in Greenock and the agenda is attached in Appendix 3. The Harbour Master attended the meeting and will provide a verbal update on any pertinent issues.

2.7 Safer Ports Initiative 2

2.7.1 There has not been another meeting of the Safer Ports Initiative 2 (SPI 2) in Scotland since 22 April 2009 which the Harbour Master attended. However Nigel Parfitt gave an update on SPI2 at the most recent Scottish Ports Meeting in Greenock which the Harbour Master attended.

2.8 Arbroath SEAFEST

2.8.1 With reference to item 2.1 (h) of the Minute of the Meeting of this Committee on 22 May 2009, regarding the Arbroath SEAFEST, the event in August of this year was well organised and was without incident in terms of the operation of the harbour.

2.9 Maritime and Coastguard Agency (MCA) - Forth to Border and Tayside/North Fife Sub Committee

2.9.1 With reference to item 2.1 (i) of the Minute of the Meeting of this Committee on 22 May 2009, there is still no indication from the MCA of any meetings in the near future. The Harbour Master will attend any meeting which is convened in the future.

2.10 Visiting Craft Numbers

2.10.1 The numbers of visiting craft to the harbour up to 31 October 2009 was 216. This is an increase of 19% to the previous year.

3 ENGINEERING MATTERS

3.1 Replacement of Inner Harbour Gates

3.1.1 With reference to item 2.2 (a) of the Minute of the Meeting of this Committee on 22 May 2009, there have been three occasions since when there has been a problem in opening or closing the harbour gates. On 17 June the gates could not close and a bicycle was retrieved from the harbour by divers. On 1 July and 19 August the gates failed to open due to a break in the electrical supply. The situation was rectified immediately on both occasions & the gates opened. Other than these occasions the gates have been operating satisfactorily.

3.1.2 The opening and closing times of the gates have recently moved to the winter schedule. Opening and closing times are routinely posted outside the Harbour Master's office and on the security gate leading on to the pontoons, generally one month in advance. As requested by the Arbroath Sailing & Boating Club opening times for the whole of the summer season were produced and given to the club.

3.2 Pontoon Berths

- 3.2.1 As previously reported in item 2.2 (b) of the Minute of the Meeting of this Committee on 22 May 2009, the pontoon berths continue to be well used and they are currently at maximum occupancy.
- 3.2.2 Overall numbers on the waiting list remain high with circa 52 people on the list.

Infrastructure Repairs and Maintenance

3.3 Structural Works in Inner and Outer Harbour including West Breakwater repairs

- 3.3.1 With reference to item 2.2 (c) of the Minute of the Meeting of this Committee on 22 May 2009 the examination of a number of structures has taken place and capital funding is earmarked in the Provisional Capital budget submission for future works on the main breakwaters and other structures as part of an on going programme of repair works to the harbour infrastructure.

3.4 Maintenance Dredging Operations

- 3.4.1 With reference to item 2.2 (d) of the Minute of the Meeting of this Committee on 22 May 2009, the dredging operations for 2009 which is the second year of the three year dredging contract with Moray Council is currently ongoing. The dredger (The Shearwater) from the Moray Council was scheduled to arrive in Arbroath in early November 2009 to start dredging operations. It is proposed to complete the dredging before the Christmas holidays. All areas identified by the Harbour Master in conjunction with the harbour users are being targeted in these operations.
- 3.4.2 Appendix 4 to this report contains the results of the samples of dredging tested for 2008 with a comparison of samples tested in previous years. Marine Scotland has indicated that the results are acceptable.

3.5 Ladders and Handrails

- 3.5.1 With reference to item 2.2 (e) of the Minute of this Committee on 22 May 2009 a phased programme of installing handrails and repairs to steps continues with funding from the Roads and Transport Renewals and Repairs Fund in 2009/10. The harbour staff continue to carry out a monthly inspection of the ladders and handrails in liaison with the harbour users and priority is given to the most used items identified in the inspection.

3.6 Refurbishment of Harbour Area

- 3.6.1 With reference to item 2.2 (f) of the Minute of the Meeting of this Committee on 22 May 2009, all outstanding snagging works have been carried out on the environmental enhancements works. The maintenance certificate was issued to the contractor on 20 May 2009.

3.7 Stainless Steel Tie Rails

- 3.7.1 It is proposed to replace all the damaged stainless steel tie rails in the outer harbour this financial year. The Roads Division are in the process of obtaining three quotations to have rails replaced using a different design. A temporary repair of the existing tie rails has been carried out in the meantime.

4 FUTURE PROGRAMME OF WORKS

4.1 Infrastructure Repairs

4.1.1 Accelerated Low Water Corrosion (ALWC)

With reference to item 3.1 (a) of the Minute of the Meeting of this Committee on 22 May 2009, the cathodic protection system installed on the inner harbour gates has now been assessed by the contractor licorr Ltd. and the corrosion protection system is currently performing well.

- 4.1.2 As detailed in Committee Report No. 1237/08 to Infrastructure Services Committee it is proposed to trial a cathodic protection system on the sheet piles on the ballast pier. Tenders have now been returned and a contract has been awarded to licorr Ltd. (Aberdeen) to carry out this trial. Work is proposed to be carried out over the next couple of months prior to the Christmas/New Year holiday period.

4.2 **West Breakwater Masonry Repairs**

With reference to item 3.1 (b) of the Minute of the Meeting of this Committee on 22 May 2009, Tayside Contracts have now completed the repair work on the West Breakwater. It is now proposed that officers from the Roads Division will carry out inspections over the winter period to assess the performance of the repairs.

4.3 **South Breakwater**

Following on from the works described in 4.2 above it is proposed that officers from the Roads Division will design and procure necessary repair work to the South Breakwater in early 2010 with a view to work starting on site in the 2010/2011 financial year. This will be reported to the Infrastructure Services Committee as the earliest possible date.

4.4 **Flood Prevention**

- 4.4.1 With reference to item 3.1 (c) of the Minute of the Meeting of this Committee on 22 May 2009, low cost measures to prevent flooding in several areas around the former Sail Cloth store have been implemented. Following on from the holes being cored in the sea wall at Danger Point and the 500mm high demountable flood prevention barrier installed at the entrance to McKay Boatbuilders, a 500mm high concrete block wall has now been constructed behind the existing boatyard fence to prevent the water from the Brothock Burn entering the boatyard during high tides & extreme weather conditions

4.5 **Oil dispensing facilities and storage compounds**

- 4.5.1 With reference to item 3.2 of the Minute of the Meeting of this Committee on 22 May 2009 the Council are acting to comply with the Water Environment (Oil Storage) (Scotland) Regulations 2006 sections 20 and 36(2) and (3), and Schedule 2 of The Water Environment and Water Services (Scotland) Act 2003 by installing a new fuel dispensing facility in the harbour. This new facility would be managed by the harbour staff. The Council are currently seeking funding from the European Fisheries Fund to aid financing the provision of this facility.

4.6 **Crew Room**

- 4.6.1 With reference to item 3.3 of the Minute of the Meeting of this Committee on 22 May 2009, it is still proposed to provide a separate 'crew room' facility for leisure craft users in the future. A bid has already been submitted to the European Fisheries Fund for a possible grant. Proposals will be developed in due course.

4.7 **Potential Programme**

With reference to item 3.5 of the Minute of the Meeting of this Committee on 22 November 2008, Table 1 below details the estimated cost of works being progressed in 2009/10.

Tables 1 & 2 – Cost Estimates of Works in 2009/10

Table 1

Arbroath Harbour Works carried out to date in 2009 - 2010	Cost £
Infrastructure Repairs incorporating West Breakwater Masonry Repairs	300,000
Accelerated Low Water Corrosion Review and maintenance. (Inner Harbour Gates)	1,500
Total	301,500

Table 2

Arbroath Harbour Proposed Work to be carried out in 09-10	Cost Estimate £
Accelerated Low Water Corrosion Treatment (Sheet Piles)	27,500
New fuel dispensing system	130,000
Annual Dredging	40,000
Handrails and other minor works	10,000
Replacement of stainless steel tie rails in outer harbour	25,000
Total	232,500

Table 3 details the possible continuing programme in later years.

Table 3

Arbroath Harbour Cost Estimates of Future Works	Cost Estimate £
Arbroath Harbour Infrastructure Repairs (Breakwaters)	500,000
Total	500,000

- 4.6.1 Members should note that there is provision for the capital works shown in 2009/10 in Tables 1 and 2, within the 2008/2012 Financial Plan, with the dredging works being met from the 2009/10 revenue budget. The cost of future works has been allowed for in the 2009/2013 Provisional Financial Plan submission to be considered by the Council when the budget is set in February 2010.
- 4.6.2 Future works are currently the subject of ongoing consideration/investigation and further reports, including full details of the financial implications and funding mechanism, will be brought forward to future meetings of this Committee for information and to the Infrastructure Services Committee/Angus Council for determination as appropriate.

5 OTHER ISSUES

5.1 Northern Lighthouse Board

- 5.1.1 In order that the Northern Lighthouse Board (NLB) can close off the non conformance report ACRD01/001, the dates and times of the failures of the various harbour lights require to be presented to this Committee. The associated details are shown in Appendix 5 of this Report.

5.2 **Work Place Inspections**

- 5.2.1 With reference to item 4.2 of the Minute of the Meeting of this Committee on 22 May 2009 regarding the upgrading of the electrical systems which were carried out in April 2009, it is proposed to carry out follow up inspections of the harbour office, store and the staff messing area in the fishmarket in December 2009.

6 **FINANCIAL IMPLICATIONS**

- 6.1 Any financial implications arising indirectly from this report will be subject to approvals at the relevant Council committees in due course.

7 **HUMAN RIGHTS IMPLICATIONS**

- 7.1 There are no human rights implications arising from the proposals in this report.

8 **EQUALITY IMPLICATIONS**

- 8.1 The issues contained in this Report fall within an approved category that has been confirmed as exempt from an equalities perspective.

9 **CONSULTATION**

- 9.1 The Chief Executive, Director of Corporate Services, Head of Finance and Head of Law and Administration were consulted in the preparation of this report.

**ERIC S LOWSON
DIRECTOR OF INFRASTRUCTURE SERVICES**

NOTE:

No background papers, as defined by Section 50D of the Local Government (Scotland) Act 1973 (other than any containing confidential or exempt information) were relied on to any material extent in preparing the above Report.

APPENDIX 1

**Angus Council: Roads Division, Infrastructure Services
Department**

**Revenue Outturn To End of
March 2010**

	<u>Budget</u> <u>2009/10</u> £	<u>Outturn</u> <u>2009/10</u> £	%	<u>Variance</u> £
<u>ARBROATH HARBOUR</u>				
<u>Expenditure:</u>				
Staff Costs	101,642	100,458	98.84%	(1,184)
Property Costs	21,000	24,500	116.67%	3,500
Supplies & Services	64,000	65,550	102.42%	1,550
Transport Costs	0	60	-	60
Third Party Payments	15,358	23,500	153.01%	8,142
CFCR / Capital Charges	40,000	40,000	100.00%	0
GROSS EXPENDITURE	<u>242,000</u>	<u>254,068</u>	<u>104.99%</u>	<u>12,068</u>
GROSS INCOME	<u>110,000</u>	<u>125,000</u>	<u>113.64%</u>	<u>(15,000)</u>
NET EXPENDITURE 09/10	<u>132,000</u>	<u>129,068</u>	<u>97.78%</u>	<u>(2,932)</u>

APPENDIX 2

SAMPLES TESTED FOR TRI ORGANO TINS (TOTS)

1 mg/l (milligram/litre) is 1 part in 1,000,000

Date	Description	Inner Basin (ug/L)	Inner Basin Silt (mg/kg)	Outer Basin (ug/L)	Outer Basin Silt (mg/kg)	Slip Way Silt (mg/kg)	Slip Way (ug/L)	Entrance Channel (ug/L)	Slipway Recycled Water (ug/L)
02/09/09	Organotin	<0.1	-	<0.1	-	-	-	-	<0.1
27/03/09	Organotin	<0.1	-	<0.1	-	-	-	-	<0.1
08/10/08	Organotin	<1	-	<1	-	-	-	-	<1
30/04/08	Organotin	0.11	-	0.06	-	-	-	-	0.07
01/10/07	Organotin	<0.003	-	<0.003	-	-	-	-	<0.003
18/09/06	Organotin	0.055	-	0.029	-	-	0.021	-	-
22/05/06	Organotin	0.01	0.0007	0.01	0.0007	-	-	0.01	0.2
11/01/06	Organotin	-	-	-	-	-	-	-	<0.1

1 ug/l (microgram/litre) is 1 part in 1,000,000,000

1ng/l (nanogram/litre) is 1 part in 1,000,000,000,000

1 litre of water is equal in weight to one billion micrograms

1 ug/l equals 1 part per billion (ppb)

SAMPLES TESTED FOR E COLI

Date	Description	Slip Way Wastewater
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02/09/09	E. Coli	ND*/100ml
27/03/09	E. Coli	ND*/100ml
7/11/08	E. Coli	ND*/100ml
30/04/08	E. Coli	ND*/100ml
1/10/07	E. Coli.	13cfu/100ml
18/09/06	E. Coli.	1/100ml
22/05/06	E. Coli.	ND*/100ml
11/01/06	E. Coli.	ND*/100ml

*Not Detectable.

Cfu = Colony Forming Unit

APPENDIX 3

**Scottish Ports Committee Meeting
At the Holiday Inn, Greenock
On Wednesday 23 September 2009 at 10.00 am**

AGENDA

1. APOLOGIES

2. MINUTES OF PREVIOUS MEETING

To approve the minutes of the last meeting (Cyclo BPA/062/09 refers).

3. MATTERS ARISING

4. SCOTTISH PARLIAMENT RECEPTION

- To note arrangements
- To consider draft leaflet (to follow)

5. MODERNISING TRUST PORTS 2 CONSULTATION

Response to applicability of MTP 2 to Scotland.

6. SCOTTISH MARINE BILL

- Timetable and results of evidence sessions
- Report of July meeting with Bill team

7. PORT MARINE SAFETY CODE

- To receive a report on publication and launch
- To note MAIB recommendations on bridge management (to follow).

8. MULTI-MODAL FREIGHT LOCATIONS STUDY

To consider implications of results of Scott Wilson's study (cyclo 122/09 refers).

9. EU SECURITY REGULATIONS

- Arrangements for implementation
- Personnel security

10. PORT SKILLS AND SAFETY

To receive an update from Nigel Parfitt.

11. ANY OTHER BUSINESS

12. DATE AND VENUE OF NEXT MEETING

13. PRESENTATION BY ARCHIE JOHNSON, NORTHERN LIGHTHOUSE BOARD

"New software tool for aids to navigation and availability figures".

APPENDIX 4

DREDGED SAMPLES RESULTS

Arbroath Chemistry Data								
<u>Metals</u> ($\mu\text{g/g}$)	<u>As</u>	<u>Cd</u>	<u>Cr</u>	<u>Cu</u>	<u>Hg</u>	<u>Ni</u>	<u>Pb</u>	<u>Zn</u>
2008	12.25	0.19	44.65	20.70	0.28	27.40	33.50	86.80
2006	12.29	0.20	45.47	24.02	0.13	27.00	30.62	89.43
2003	9.34	ND	27.11	11.30	0.19	17.74	18.12	50.46
<u>TBT</u> (ng/g)								
2008	<1.5							
2006	16.48							
2005	26.89							
<u>Total PAH</u> (ng/g)					<u>EP17 PAH</u> (ng/g)			
2008	6555.5				2008		2531.3	
2006	5355.6				2006		1799.8	
2005	4332.0				2005		1472.7	
<u>Total CB</u> (ng/g)					<u>ICES 7 CB</u> (ng/g)			
2008	TBC				2008		TBC	
1996	14.99				1996		8.50	
All measurements in dry weight								
ND = Not Detected								

APPENDIX 5

NORTHERN LIGHTHOUSE BOARD**HARBOUR LIGHTS - FAILURE LOGS**

Aton Availability By IALA Category

IALA Category	No Of Aids	Max Hours	No Of Failures	OOS Hours	MTTR	MTBR	Availability
Angus Council Roads Department							
CAT 1	2	52656	2	28	14	26328	99.94%
CAT 2	2	52656	0	0	0	0	100.0%
CAT 3	0	0	0	0	0	0	0.000%
No Category	0	0	0	0	0	0	0.000%
Totals	4	105312	2	28			

Criteria:

Third party Organisations are not included.
Organisations [Angus Council Roads Division].
Filter [All Active AtoN].



Failure Logs

All Number	Name	Category	Failure Type	Failure Date	Restored Date	Out Of Service
Angus Council Roads Department						
A3212	Arbroath Harbour. Ldg.Lts 299 15'. Front.	CAT 1	Extinguished	03/02/2009 19:00:00	04/02/2009 09:00:00	14
A3212.1	Arbroath Harbour. Ldg.Lts 299 15'. Rear. 50m from front	CAT 1	Extinguished	03/02/2009 19:00:00	04/02/2009 09:00:00	14
Totals						28