

The Highland Council

**Transport, Environmental and Community Services Committee
16 May 2013**

Agenda Item	5
Report No	TEC 38-13

Update on Storm Damage

Report by the Director of Transport, Environmental & Community Services

Summary

This report updates Members on progress in relation to the repairs to the damage which occurred to harbours and coastal structures during the storm surge on 14/15 December 2012.

1. Introduction

- 1.1 Members will recall the report to the TECS Committee on 19 January 2013 (TEC-3-13) which updated Members on the damage which had occurred to coastal structures during the storm surge on 14/15 December 2012 and the actions which were being taken to repair the damage. This report provides a further update on progress.
- 1.2 The work involves the repair of structures which are under the ownership of the Council, or for which the Council has maintenance responsibilities.

2. Progress

- 2.1 The repair works has been undertaken using a combination of internal resources and external contractors, dependent upon the complexity and scale of individual projects.
- 2.2 The use of Emergency Powers has permitted the early appointment of contractors, thereby minimising the period before repairs were effected.
- 2.3 Work has been completed at the following locations:
 1. Portskerra
 2. John O'Groats Harbour
 3. Freswick Harbour
 4. Ackergill Harbour
 5. Staxigoe Harbour
 6. Victoria Street Wick
 7. Scalesburn Wick
 8. Lybster Harbour Road
 9. Latheron Harbour
 10. Dunbeath Harbour breakwater, steps and picnic site
 11. Helmsdale Harbour
 12. Brora Harbour
 13. Golspie

14. Embo
15. Portmahomack armouring
16. Dornoch Golf Course
17. Hilton
18. Balintore armouring
19. Shandwick
20. Rosemarkie
21. Nairn

2.4 Work is still in progress at the following sites:

1. Portmahomack Harbour
2. Balintore Harbour

2.5 Consultants have been appointed to assess the condition of the harbour wall at Dunbeath, and to make recommendations on repair works.

2.6 The total cost of completing the works is currently estimated at £1.5m which is less than the original estimate of £2.5m. Work is currently underway to collate the cost of individual schemes.

2.7 A list of the locations affected together with an update on the status of the repair works are detailed in **Appendix A**.

3. External Funding

3.1 The Scottish Government activated the Bellwin Scheme and the Council was invited to submit a claim under this Scheme. It is unlikely however that the Council will qualify for funding under the Bellwin Scheme criteria.

3.2 The Scottish Government provided financial support for the repair of Balintore Harbour (£100k) and Portmahomack Harbour (£50k), independent of the Belwin Scheme.

4. Other Damage

4.1 The emergency works dealt with the repairs to Council owned assets. Damage to other areas of the coastline have been assessed under the Council's current Coastal Protection Policy, which focusses on the protection of property rather than land.

4.2 Work at Rockfield, additional work at Hilton, and work in Helmsdale near the old crab factory is being considered for the future. Coastal erosion at East Gills Scrabster continues to be monitored.

5. Resource Implications

5.1 The total cost of repair works is currently expected to be £1.5 million, this figure will be updated once all repair works are completed, and details will be reported to a future Committee.

5.2 There are no legal implications arising as a direct result of this report.

- 5.3 There are no equality implications arising as a direct result of this report.
- 5.4 There are no climate change implications arising as a direct result of this report.
- 5.5 There are no risk implications arising as a direct result of this report.

6. Recommendations

- 6.1 Members are invited to note the progress made to repair the damage to Council harbour facilities and coast defence structures.
- 6.2 Members are invited to note that a further report providing details of final costs will be submitted to a future Committee.
- 6.3 Members are invited to note that the Council continues to provide advice and support to privately owned facilities which have been affected by the storm surge.

Designation: Director of Transport, Environmental & Community Services

Date: 02 May 2013

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List of Emergency Works

Works Location	Description of Works	Completed
Portskerra	1. Land slip – remove debris and re-profile face.	Yes
Scrabster – East Gills	1. Erosion to cliff face – monitor. 2. Sea wall repair	Monitoring Yes
John O'Groats Harbour	1. Repair damage to concrete pier and deck 2. Repair collapsed wall 3. Repair navigation lights	Yes
Freswick Harbour	1. Replace rock armour protection 2. Repair concrete damage 3. Repair steps	Yes
Ackergill Harbour	1. Fence missing 2. Concrete steps undermined 3. Wash out to stone pier 4. Cracking on concrete deck 5. Loss of pointing 6. Wall repairs 7. Slipway repairs	Yes
Keiss Harbour	1. Coping stones displaced 2. Corner stones dislodged 3. Wash out of masonry joints 4. Damage to surface at top of slip	Yes
Staxigoe Harbour	1. Pier wall undermined 2. Stone pitching washed away 3. Rock armour displaced 4. Concrete access undermined	Yes
Victoria Street Wick	1. Repairs to River wall	Yes
Scalesburn Wick	1. Damage to wall parapet 2. Protection to property	Yes
Service Bridge Wick	1. Inspection	Yes
Lybster Harbour Rd	1. Damage to road	Yes
Latheron Harbour	1. Rock armour to protect road 2. Repair erosion to harbour wall 3. Repair damage to deck of river pier 4. Replace displaced rock armour	Yes

Works Location	Description of Works	Completed
Dunbeath Harbour	<ol style="list-style-type: none"> 1. Relocate displaced Dolos (Breakwater) 2. Repairs to steps 3. Replace masonry to harbour wall 4. Repair parapet – consultant’s report commissioned 5. Repairs to picnic site 	<p>1,2,3 & 5 –Yes.</p> <p>4 – Consultants report commissioned</p>
Helmsdale Harbour	<ol style="list-style-type: none"> 1. Navigation lights displaced 2. Clear rubble 	Yes
Helmsdale Old Crab Factory	<ol style="list-style-type: none"> 1. Repair coastal erosion; install risk armour Location identified Feb 2013. 	Monitor - Not required immediately
Portgower	<ol style="list-style-type: none"> 1. Reinstate rock armour 	Yes
Brora Harbour	<ol style="list-style-type: none"> 1. Clear debris 2. repairs to displaced rock armour to west of harbour 	Yes
Golspie	<ol style="list-style-type: none"> 1. Repair damage to promenade 2. Repair damage to Shore Street play Area 3. Repairs to displaced rock armour 	Yes
Embo Harbour	<ol style="list-style-type: none"> 1. Remove debris from wave wall 2. Repairs to slipway 	Yes
Portmahomack Harbour	<ol style="list-style-type: none"> 1. Structural failure of wave wall 2. Structural replace of pier deck. 	Wave wall nearing completion Contract to repair pier deck to be let
Portmahomack	<ol style="list-style-type: none"> 1. Repair / Reinforce rock armour 	Yes
Dornock golf course	<ol style="list-style-type: none"> 1. Rock armour repairs (agreed Feb 13) 	Yes
Hilton Village and slipway	<ol style="list-style-type: none"> 1. Repair / Reinforce rock armour 2. Repair coastal pathway 	Yes
Balintore Harbour	<ol style="list-style-type: none"> 1. Structural failure of walls and deck 2. Damage to pontoons 	Contract in progress due to complete June 2013
Balintore	<ol style="list-style-type: none"> 1. Repair / Reinforce rock armour various 	Yes
Shandwick	<ol style="list-style-type: none"> 1. Repair / Reinforce rock armour 	Yes
Rockfield	<ol style="list-style-type: none"> 1. Repair / Reinforce rock armour Meeting held with residents. 	No - Not required immediately
Rosemarkie	<ol style="list-style-type: none"> 1. Clear debris from road and footpath 	Yes
Nairn	<ol style="list-style-type: none"> 1. Repairs to promenade 2. Repairs to rock armour 	Yes

