

COASTAL PERMIT

Pursuant to Section ~~119~~ 104B of the Resource Management Act 1991 the ~~Minister of Conservation~~ Otago Regional Council grants consent to:

Name: Port Otago Limited

Address: 15 Beach Street, Port Chalmers, Dunedin

for a coastal permit for the discharge into the ~~sea~~ Pacific Ocean of up to a maximum of 450,000 m³ per year of dredging spoil

for the purpose of disposal of dredging spoil derived from authorised ~~maintenance dredging and incremental improvements to the channel and berth areas~~ ~~maintenance~~ dredging in and about the Otago Harbour in accordance with the following specific maximum annual discharge quantities at each location:

- Heyward Point Spoil Relocation area (200,000 m³)
- Aramoana Spit Relocation area (200,000 m³)
- Shelly Beach Renourishment area (50,000 m³)

for a duration of 10 years expiring on 1 December 2011

Location of activity:

- (i) Heyward Point
 - 45° 45.07'S 170° 42.09'E
 - 45° 44.95'S 170° 42.27'E
 - 45° 44.44'S 170° 41.78'E
 - 45° 44.63'S 170° 41.60'E (Area 38.2 ha approx.)
- (ii) Aramoana Spit
 - 45° 45.18'S 170° 42.74'E
 - 45° 46.05'S 170° 42.93'E
 - 45° 45.72'S 170° 42.47'E
 - 45° 46.04'S 170° 42.47'E (Area 28.3 ha approx.)
- (iii) Shelly Beach
 - 45° 46.82'S 170° 42.56'E
 - 45° 46.65'S 170° 42.79'E
 - 45° 46.75'S 170° 42.96'E
 - 45° 46.95'S 170° 42.77'E (Area 14.5 ha approx.)

Conditions:

1. Material discharged at the Shelly Beach renourishment area shall not be derived from any further up the Otago Harbour than Taylers Bend, being that portion of the channel adjacent to Tayler Point, and, as far as is practicable, be only discharged on an ebb tide.
2. Material discharged shall only be derived from dredging that is authorised by the Coastal Plan or by a resource consent, ~~for maintenance and incremental dredging of the channel and berth areas necessary to maintain water depths to previously~~

~~approved levels (being the following depths, based on the Chart Datum on the latest navigation chart NZ6612, of the Otago Harbour published by the Hydrographic Office of the Royal New Zealand Navy:~~

- ~~(i) The upper berths and swing areas: 10 m.~~
- ~~(ii) The upper channel: 8.5 m~~
- ~~(iii) Port Chalmers berths and swinging areas: 14.5 m~~
- ~~(iv) Lower channel: 13 m)~~

- ~~3.~~ This permit does not authorise the discharge of material from capital dredging.
4. Any dredging spoil containing rock material (including spoil derived from removal of rotten rock ridges off Beach Street, Port Chalmers, Rocky Point or Acheron Head) shall only be discharged at the ~~Aramoana Spit~~ Heyward Point site.
5. Except for rock material as specified in condition 4 of this consent, material discharged from dredging activities undertaken in accordance with consents 2010.193 & 2010.194 over any 12 month period shall contain a minimum of 90% sand.
- ~~5.6.~~ Within 3 months of the commencement of this consent the consent holder shall commission a study by a suitably qualified person or organisation of sediment transport paths covering the coast between Tairaroa Head and Karitane Peninsula and the likely direction and rate of movement of the deposited dredgings. This study shall include a recommendation on any ongoing monitoring requirements. Prior to the study commencing the design of the study shall be presented to the consent authority for their approval. The study is to be reported in stages and to be completed within three years.
- ~~6.7.~~ Within 3 months of the commencement of this consent the consent holder shall commission a study by a suitably qualified person or organisation to determine the relationship between dredging disposal at the Shelly Beach location and accretion of the beach. This study shall include a recommendation on any ongoing monitoring requirements. Prior to the study commencing the design of the study shall be presented to the consent authority for their approval. The study is to be reported in stages and to be completed within 3 years.
- ~~7.8.~~ Within 3 months of the commencement of this consent the consent holder shall commission a study by a suitably qualified person or organisation of the effects on biota of dredge spoil dumping at and about the dumping sites. Prior to the study commencing the design of the study shall be presented to the consent authority for their approval. The study is to be reported in stages and to be completed within 3 years. The study shall include but not be limited to;
 - 1) an assessment of the effects on species diversity,
 - 2) an assessment of the effects on the number of each species,
 - 3) recommending an ongoing biological monitoring programme.
- 8.9. The consent holder shall carry out the following monitoring of the exercise of this consent;

- (a) The quantity of material discharged at each of the three disposal locations, the nature and type of this material, the areas from which the material was derived and the state of the tide when the material was dumped.
- (b) The monitoring recommended in conditions 56, 67, and 78.

9-10. All sampling and analyses undertaken in connection with this permit shall be performed by an IANZ registered laboratory or otherwise as specifically approved by the Consent Authority.

~~10-11.~~ The consent holder shall establish a formal Working Party including representatives of Te Runanga Otakou, Kati Huirapa Runanga ki Puketeraki, Department of Conservation and Otago Regional Council which shall meet at least annually to discuss and review the annual monitoring report as specified under condition ~~11~~2 of this permit.

~~11-12.~~ The consent holder shall provide a report to the consent authority every twelve months. This report shall include but not be limited to the following;

- a) Progress reports on the studies required in conditions 56, 67, and 78 of this consent,
- b) Results of any monitoring done in the previous 12 months as required in condition 89,
- c) Outcomes of the working group meetings over the previous 12 months,
- d) Recommendations on monitoring for the next 12 months,
- e) Recommendations on any mitigation required for any adverse effects that have arisen over the previous 12 months that are attributable to dredge spoil dumping.

~~12-13.~~ At yearly intervals after the first 5 years of exercise of this permit the consent holder may, pursuant to Section 127 of the Resource Management Act 1991, apply to the consent authority for a review of the conditions for the purpose of determining whether the monitoring required under this consent should be changed.

~~13-14.~~ The consent authority may within three months of each anniversary of the date of this consent, or within three months of receiving monitoring results under condition ~~11~~2 in accordance with Sections 128 and 129 of the Resource Management Act 1991, serve notice on the consent holder of its intention to review the conditions of this consent for the purpose of determining if the conditions of this consent are adequate to deal with any adverse effects on the environment which may arise from the exercise of this consent and which it is appropriate to deal with at a later stage.

Issued at Wellington this 31st day of January 2002.

Reissued at Dunedin this..... day ofto reflect a variation to Conditions 2 and 4, the deletion of Condition 3 and the insertion of new Condition 5 and renumbering of the remainder of conditions, together with minor typographical updates

Minister of Conservation

DRAFT

COASTAL PERMIT

Pursuant to Section 104B of the Resource Management Act 1991, the Otago Regional Council grants consent to:

Name: Port Otago Limited

Address: 15 Beach Street, Port Chalmers, Dunedin

To disturb and remove dredge material from the foreshore and seabed

for the purpose of deepening and widening the lower harbour channel and the Port Chalmers swinging and berthing areas

for a term expiring (*date to be inserted - 20 years from date of decision*)

Location of consent activity: Otago Harbour entrance channel from the Landfall Tower approximately 2.4 kilometres north of Taiaroa Head to the Port Chalmers swinging basin

Legal description: Crown Land Seabed, Otago Harbour, Bed of Otago Harbour DP 3904, Sec 52 Blk I Lower Harbour West SD

Map reference: Between approximately NZTM 2000 1323150E 5031094N and NZTM 2000 1315751E 5023783N

Chart Reference: Between approximately NZ661 & NZ6612 45°45.07'S 170°43.61'E and 45°48.82'S 170°37.87'E

Conditions:

Specific

1. This consent shall be exercised together with consent 2010.195 and 2010.198.
2. If this consent is not given effect to within a period of five years from the date of commencement of this consent, this consent shall lapse under Section 125 of the Resource Management Act 1991.
3. This consent shall be exercised in accordance with the application for resource consent dated 25 May 2010 including the Assessment of Environmental Effects and all supporting documents, (specifically Chapter 2.0, section 2.2 – Project Description – Deepening, Widening and Maintaining Lower Harbour Channel, Swinging Area and Berths - application document entitled Project Next Generation – Resource Consent Applications and Assessment of Environmental Effects May 2010) and the Environmental Management Plan developed in accordance with condition 11 of this consent. If there is an inconsistency the conditions and terms of this consent shall prevail. Specific supporting documents include those attached as Appendices 1, 2, 3, 4, 5 and 6 to this Coastal Permit.

4. The maximum deepening of the specified harbour channel, berths and swinging areas, including the over dredging allowance, authorised by this consent and shown in Appendices 1 and 5 are:
 - (a) Approach Channel – from the Landfall Tower to 2,500 chainage - to a depth of 18.5 metres below chart datum (17.5 metres declared depth plus 1.0 metre overdredge allowance)
 - (b) Lower Harbour Channel – from 2,500 chainage to 6,600 chainage - to a depth of 16.5 metres below chart datum (16.0 metres declared depth plus 0.5 metre overdredge allowance).
 - (c) Lower Harbour Channel from 6,600 chainage Port Chalmers and including the Port Chalmers Basin - to a depth of 15.5 meters below chart datum (15.0 metres declared depth plus 0.5 metre overdredge allowance)
 - (d) Berths at the multipurpose container wharf – to a depth of 18.5 metres below chart datum prior to establishment of the rock buttress, after the rock buttress is constructed the depth shall be no more than 16.5 metres below chart datum (15.0 metre declared depth plus 1.5 metre overdredge and siltation allowance).
5. The maximum width of the specified harbour channel invert between the toe-lines, berths and swinging areas, at the maximum depths specified in condition 4 above, authorised by this consent and shown in Appendices 1 and 5 are:
 - (a) Approach Channel – from the Landfall Tower to 2,500 chainage - to a maximum width of 250 metres measured perpendicular to the centreline;
 - (b) Lower Harbour Channel – from 2,500 chainage to 3,700 chainage - to a maximum width of 200 metres measured perpendicular to the centreline;
 - (c) Lower Harbour Channel – from 3,700 chainage to 6,500 chainage - to a maximum width of 255 metres measured perpendicular to the centreline;
 - (d) Lower Harbour Channel – from 6,500 chainage to 11,500 chainage - to a maximum width of 200 metres measured perpendicular to the centreline;
 - (e) Lower Harbour Channel – from 11,500 chainage to Port Chalmers and including the Port Chalmers Basin - to a maximum width of 530 metres measured perpendicular to the centreline.
6. The consent holder shall operate the dredging plant in accordance with the Environmental Management Plan, developed in accordance with condition 13 of this consent.
7. The consent holder shall not undertake Incremental Capital Works or Major Capital Works in the area adjacent to Taiaroa Head, and shown in Appendix 5 of this consent, between the 20 December and 10 January in the following year (inclusive).
8. The consent holder shall not undertake Incremental Capital Works or Major Capital Works in the area adjacent to Taiaroa Head, and shown in Appendix 5 of this consent, between 1 October to 30 November and 1 January and 14 February of each year, except with the approval of the Consent Authority in consultation with the Department of Conservation.
9. If the migratory population of godwits are present and feeding in the immediate area of the Aramoana sand flats shown in Appendix 5 of this consent, during the

period 1 February to 31 March of each year then Incremental Capital Works or Major Capital Works in the vicinity of the Aramoana sand flats are to be undertaken only when the tidal height is above half-tide (>1.0 metre above Chart Datum), except with the approval of the Consent Authority in consultation with the Department of Conservation.

10. All activities other than Major Capital Works or the use of explosives shall comply with NZS 6803:1999 Construction Noise Standard.
11. Major Capital Works between the hours of 7.30 am and 8.00 pm during weekdays and 7.30 am and 6.00 pm on Saturdays shall comply with NZS 6803:1999 Construction Noise Standard. At other times the dredge equipment will operate such that the Construction Noise Standard night time level of 45 dBA Leq shall not be exceeded within 15 metres of a residential dwelling, except:
 - (a) Where the residential dwelling has been acoustically treated; or
 - (b) Where the occupier of the residential dwelling has consented in writing to the work taking place.
12. The consent holder shall measure the tidal height and associated currents in the following manner:
 - (a) For tidal height:
 - i) From existing gauging stations at Dunedin, Port Chalmers and Spit;
 - ii) These measurements will be taken continuously throughout the Incremental Capital and Major Capital dredging works, and for at least one year following completion of dredging;
 - (b) For current measurements;
 - i) At or near the Port Chalmers Swinging basin; and at Beacon Pile 1A opposite Harington Point;
 - ii) These measurements will be taken at the commencement of Incremental Capital dredging works, throughout Major Capital dredging works, and periodically for at least one year following completion of dredging.
 - iii) The duration of the measurement shall be of sufficient time to accurately determine the tidal current regime.

Performance Monitoring

13. The consent holder shall prepare, in consultation with the Consent Authority, and submit to the Consent Authority at least one month prior to any works commencing, an Environmental Management Plan addressing both Incremental and Major Capital works authorised by this consent. The objectives of the Environmental Management Plan shall be to incorporate industry best practice, guide environmental management for the duration of consented activities, and to establish measures to avoid, remedy or mitigate any adverse environmental effects associated with consented activities. The Environmental Management Plan shall include but not be limited to, the following:
 - (a) a list of key personnel and points of contact during the project;
 - (b) a description of how stakeholders will be kept informed and involved during the project and how complaints will be managed;
 - (c) a description of the staging plan for the project, identifying the works and proposed duration of each stage;
 - (d) a description of the dredging and disposal methodology;

- (e) a description of what actions will be taken to adaptively manage the actual or potential effects of consented activities (including relating to noise, contamination, water quality, bathymetry, aquatic communities, and use of explosives) to satisfy consent conditions;
- (f) a summary and timetable of all reporting required under this Coastal Permit, Coastal Permits 2010.195 and 2010.198 and the Environmental Management Plan and the relevant periods that they cover;
- (g) the allocation of responsibility for updating the plan should future amendments be required; and
- (h) any items required to be included in an Environmental Management Plan from Coastal Permits 2010.195 and 2010.198.

Any changes to the Environmental Management Plan shall be made after consultation with the Consent Authority and shall be submitted to the Consent Authority prior to those changes being implemented.

14. The consent holder shall:

- (a) Prepare a report on the blasting methodology which will include the programme and methodology for undertaking blasting works authorised by this consent. The methodology shall be approved by a suitably qualified expert and provided to the Consent Authority a minimum of one month before the commencement of blasting activities.
- (b) Notify the Consent Authority in writing of the intention to undertake each campaign of blasting works at least one month before the commencement of blasting activities, specifying expected dates of commencement and duration.

15. The consent holder shall provide the Consent Authority with written notice of the intention to commence Incremental Capital Works authorised by this consent no less than one month before the work commences.

16. The consent holder shall provide the Consent Authority with written notice of the intention to commence Major Capital Works authorised by this consent no less than one month before the work commences.

17. The consent holder shall prior to exercising the consent, provide the Consent Authority with a Dredging and Disposal Schedule containing details of:

- (a) The intention to commence (or continue) dredging;
- (b) The areas to be dredged;
- (c) The periods during which dredging is expected to occur;
- (d) A description of the equipment to be used for the dredging; and
- (e) Any restrictions that will apply to navigation during the dredging.

The schedule shall be updated at the following time periods:

- (a) monthly during Incremental Capital works;
- (b) ten days before the start of any Major Capital Works and monthly during those works.

18. The consent holder shall forward to the Consent Authority within three months of completion of the Major Capital Works, and annually for the Incremental Capital Works, a report summarising the results of all reporting that is required under this consent, Coastal Permits 2010.195 and 2010.198 and the Environmental Management Plan for the relevant periods. This should clearly focus on assessing the actual effects on the environment as a result of all works.

19. Within two years of completion of all Incremental and Major Capital works, the consent holder shall submit to the Consent Authority a report outlining the results of the tidal height and currents monitored in accordance with condition 12 of this consent, and discuss any trends in the data and any identifiable links to the Capital works that were undertaken.
20. At minimum, the consent holder shall undertake bathymetric surveys of the foreshore and seabed and intertidal flats within the Lower Harbour at the locations specified in Appendix 5 of this consent. All bathymetric surveys shall have an accuracy of 0.1 metre vertically. If additional surveys or a different survey pattern is developed and contained within the Environmental Management Plan, this is to be in addition to the requirements of this consent. The bathymetric surveys will be undertaken at the following time periods:
- (a) Prior to the commencement of any Incremental Capital works
 - (b) Annually during Incremental Capital works;
 - (c) Within six months of the completion of Incremental Capital works;
 - (d) Within the period six months prior to the commencement of Major Capital works; and
 - (e) Every six months during the Major Capital works;
 - (f) Within six months of the completion of all Major Capital works.
- The results of each survey shall be submitted to the Consent Authority within three months of the survey being undertaken.
21. By 1 December 2030 the consent holder shall submit a report to the Consent Authority that summarises the results of all bathymetric surveys undertaken in accordance with this consent and shall clearly indicate the degree of change to the foreshore and seabed as a result of the discharges authorised by this consent and detail the actual effects on the environment of the works.
22. The consent holder shall maintain a record of the following information for the incremental and major capital works dredging works:
- (a) volume of dredged material removed in each episode;
 - (b) GPS location or chart reference of each disposal event and the associated disposal site;
 - (c) Cumulative total volumes of dredged material disposed of from the issue of this consent.
- The record shall be kept and submitted to the Consent Authority in report format on a five yearly basis (with the first report required by 1 March 2016) and at anytime on request.

General

23. The consent holder shall require all staff or contractors engaged to undertake work authorised by this consent to do so in accordance with the conditions of this consent. A copy of this consent shall be present on site at all times while the work is being undertaken.
24. The consent holder shall limit the use of explosives to between the hours of 7.30 am and 6.00 pm Monday through Saturday with no blasting to take place on Sundays.

25. During the exercise of this consent, the consent holder shall take precautions to protect public safety at all times.
26. During the exercise of this consent, the consent holder shall ensure that the effects of the Incremental and Capital Works on marine biota are minimised in accordance with the Environmental Management Plan.
27. The Consent Holder shall ensure that no fuel or oils, enter into the coastal marine area as a result of these works. This shall include the maintenance of machinery at all times to prevent leakage of fuel or oil into the coastal marine area. In the event of contamination, the consent holder shall instigate remedial action and shall immediately notify the Consent Authority.

28. If the Consent Holder:

- (a) Discovers koiwi tangata (human skeletal remains), or Maori artefact material, the Consent Holder shall without delay:
- (i) Notify the Tangata whenua and New Zealand Historic Places Trust and in the case of skeletal remains, the New Zealand Police.
 - (ii) Stop work within the immediate vicinity of the discovery to allow a site inspection by the New Zealand Historic Places Trust and the appropriate runanga and their advisors, who shall determine whether the discovery is likely to be extensive; if a thorough site investigation is required and whether an Archaeological Authority is required.
 - (iii) Any koiwi tangata discovered shall be handled and removed by tribal elders responsible for the tikanga (custom) appropriate to its removal or preservation.

Site work shall not recommence until authorised by the Consent Authority, following consultation with the New Zealand Historic Places Trust, Tangata whenua, and in the case of skeletal remains, the NZ Police, provided that any relevant statutory permissions have been obtained.

- (b) Discovers any feature or archaeological material that predates 1900, or heritage material, or disturbs a previously unidentified archaeological or heritage site, the Consent Holder shall without delay:
- (i) Stop work within the immediate vicinity of the discovery or disturbance; and
 - (ii) Advise the New Zealand Historic Places Trust, and in the case of Maori features or materials, the Tangata whenua, and if required, shall make an application for an Archaeological Authority pursuant to the Historic Places Act 1993; and
 - (iii) Arrange for a suitably qualified archaeologist to undertake a survey of the site.

Site work shall not recommence until authorised by the Consent Authority.

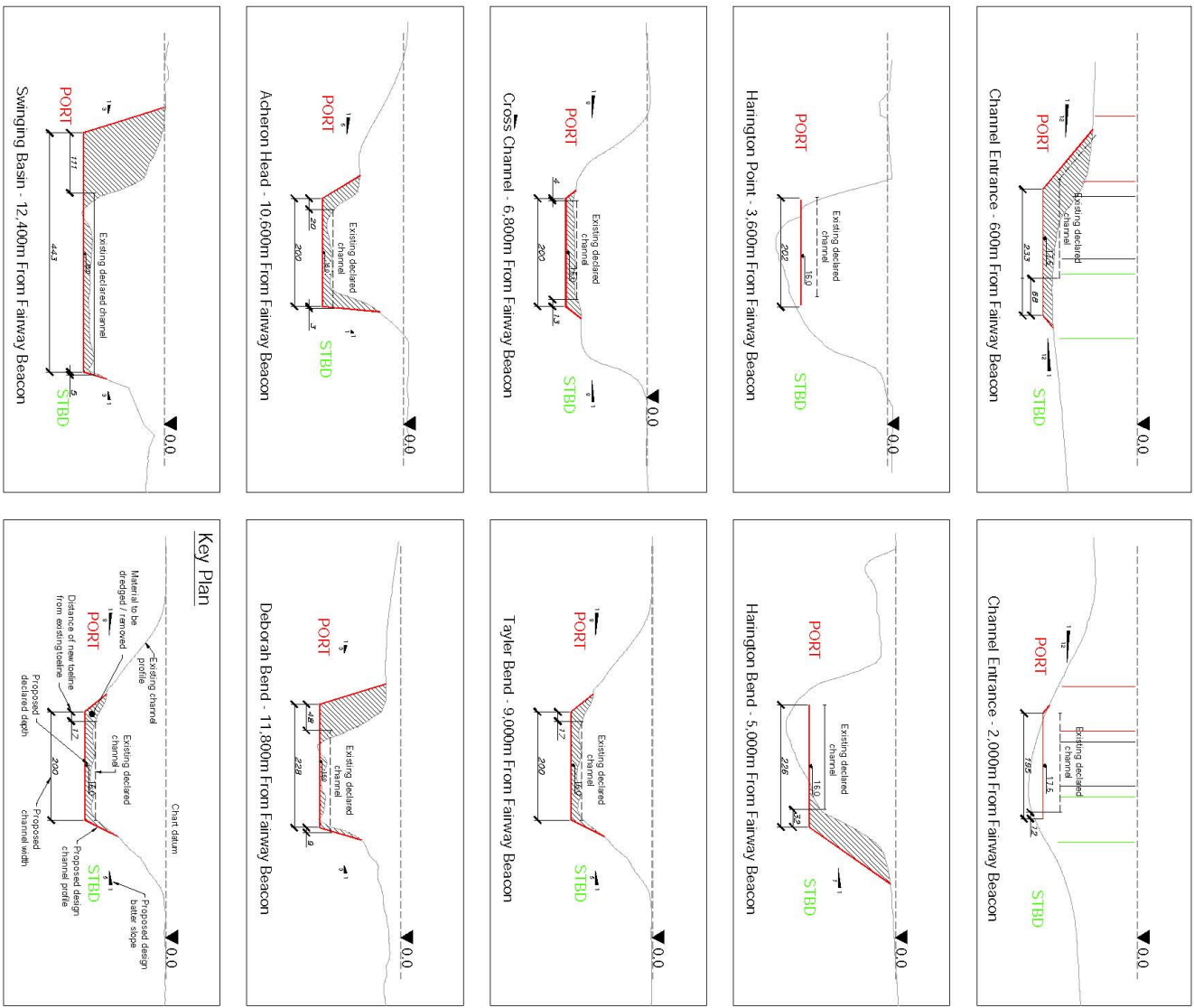
29. The Consent Authority may, in accordance with sections 128 and 129 of the Resource Management Act 1991, serve notice on the consent holder of its intention to review the conditions of this consent within three months of each anniversary of the commencement of this consent for the purpose of:
- (a) ensuring that the monitoring regime is appropriate; or

- (b) determining whether the conditions of this consent are adequate to deal with any adverse effect on the environment which may arise from the exercise of the consent and which it is appropriate to deal with at a later stage. Including, but not limited to:
 - i) the effects of the exercise of this consent on the ecology and water quality of the Otago Harbour; or
 - ii) the effects of the exercise of this consent on the ecology and water quality of the offshore areas of the Pacific Ocean; or
 - iii) the appropriate mitigation of the environmental effects of the activity having regard to the available dredging technology; or
 - iv) the appropriate mitigation of the environmental effects of the activity having regard to the available deposition technology; or
- (c) addressing the contents of the Environment Management Plan; or
- (d) ensuring the conditions of this consent are consistent with any National Environmental Standards.

Notes

1. *For the purposes of these conditions the following definitions apply:*
 - (a) *“Incremental Capital Works” means dredging and ancillary works using trailing suction dredges each with a capacity of no more than 1000 cubic metres and/or a grab dredge or back hoe with capacities each of no more than 10 cubic metres, and includes maintenance dredging that is otherwise not permitted by the Regional Plan: Coast and a resource consent for disposal of maintenance dredging material, provided that the total annual quantity of dredge material from Incremental Capital Works is no more than 1.45 million cubic metres.*
 - (b) *“Major Capital Works” means dredging and ancillary works that are not Incremental Capital works or part of the Maintenance Programme.*

Appendix 2
Coastal Permit 2010.193
Proposed Channel Design – Typical Cross sections Plan 11090/1



Vertical Exaggeration 10x

INITIALS	DATE	PLOT DATE:
DESIGNED:	ACP 25/03/09	04/05/2010
DRAWN:	ACP 25/03/09	
CHECKED:	LMC 02/02/10	ISSUE DATE:
APPROVED:	LMC 02/02/10	11/02/2010

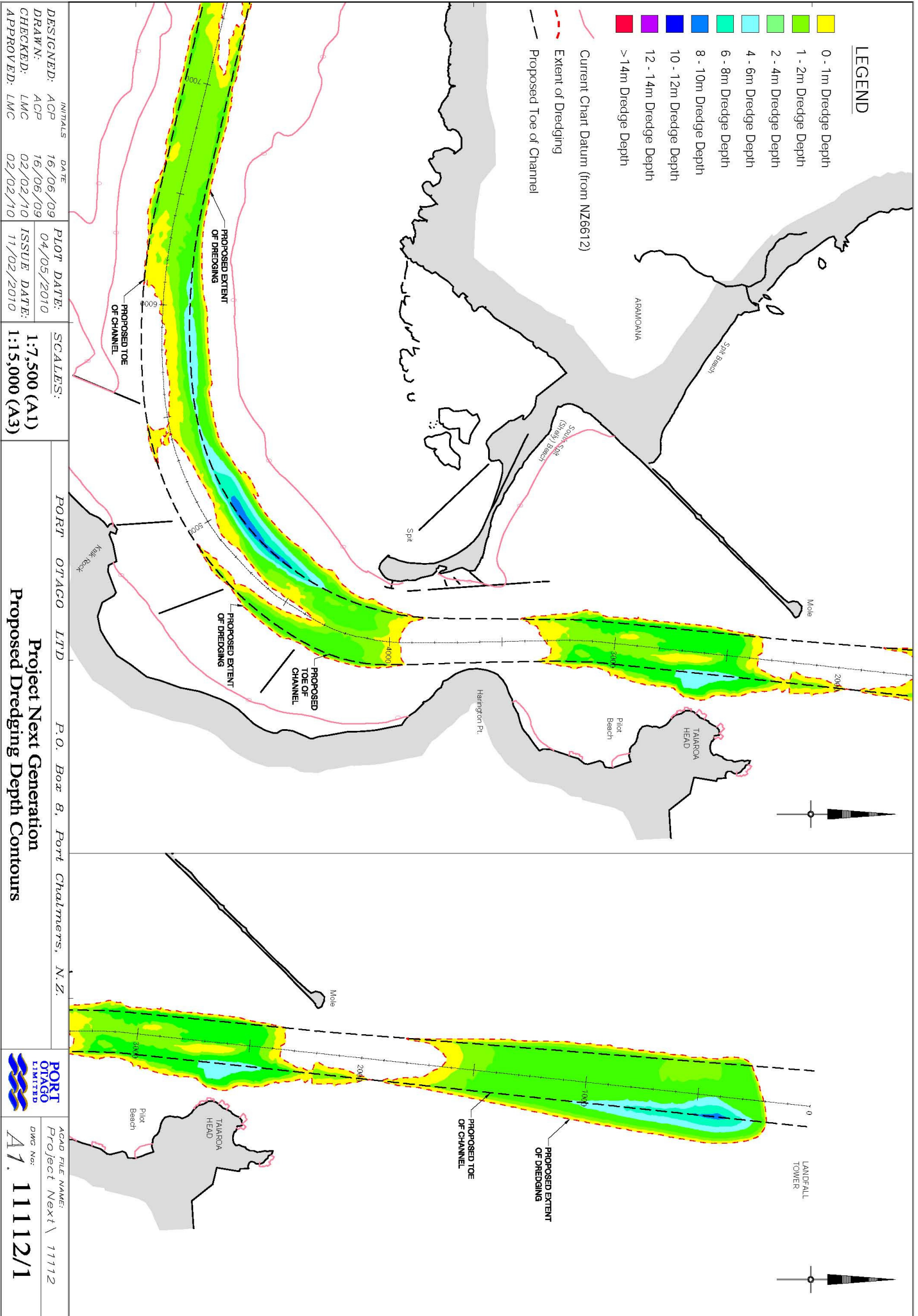
SCALES:
1:5000 H _Z (A1)
1:500 V _t (A1)

PORT OTAGO LTD
P.O. Box 8, Port Chalmers, N.Z.
Project Next Generation
Proposed Design Channel - Typical Claim Cross Sections

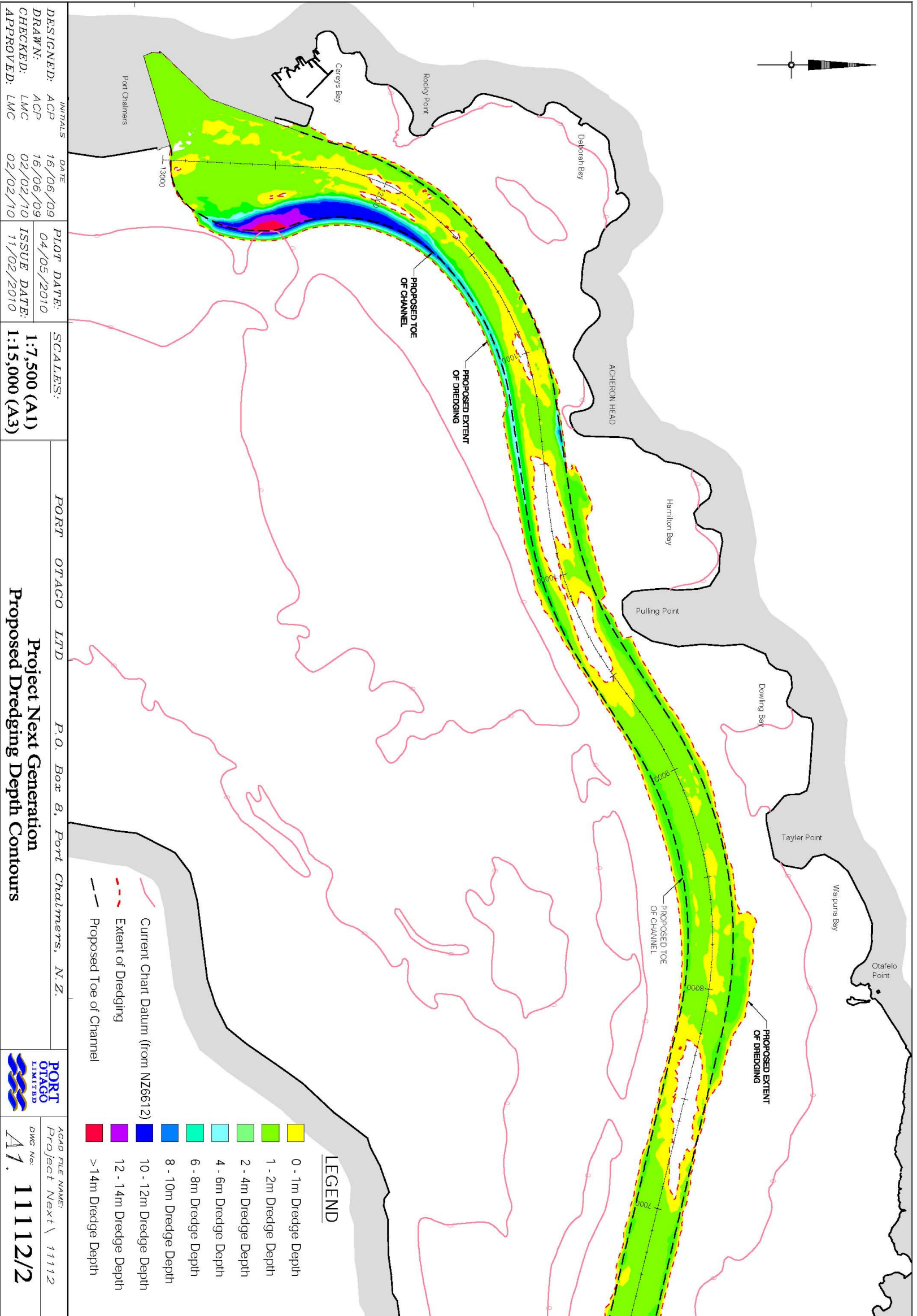


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 DWG No:
11090/1

**Appendix 3
Coastal Permit 2010.193
Proposed Dredging Depth Contours Plan 11112/1**



Appendix 4
Coastal Permit 2010.193
Proposed Dredging Contours Plan 11112/2



DESIGNED:	ACP	DATE:	16/06/09
DRAWN:	ACP	DATE:	16/06/09
CHECKED:	LMC	DATE:	02/02/10
APPROVED:	LMC	DATE:	02/02/10

INITIALS:		SCALE:	1:7,500 (A1)
DATE:	16/06/09	SCALE:	1:15,000 (A3)
ISSUE DATE:	11/02/2010		

PORT:	OTAGO LTD
Project Next Generation	
Proposed Dredging Depth Contours	
P.O. Box 8, Port Chalmers, N.Z.	



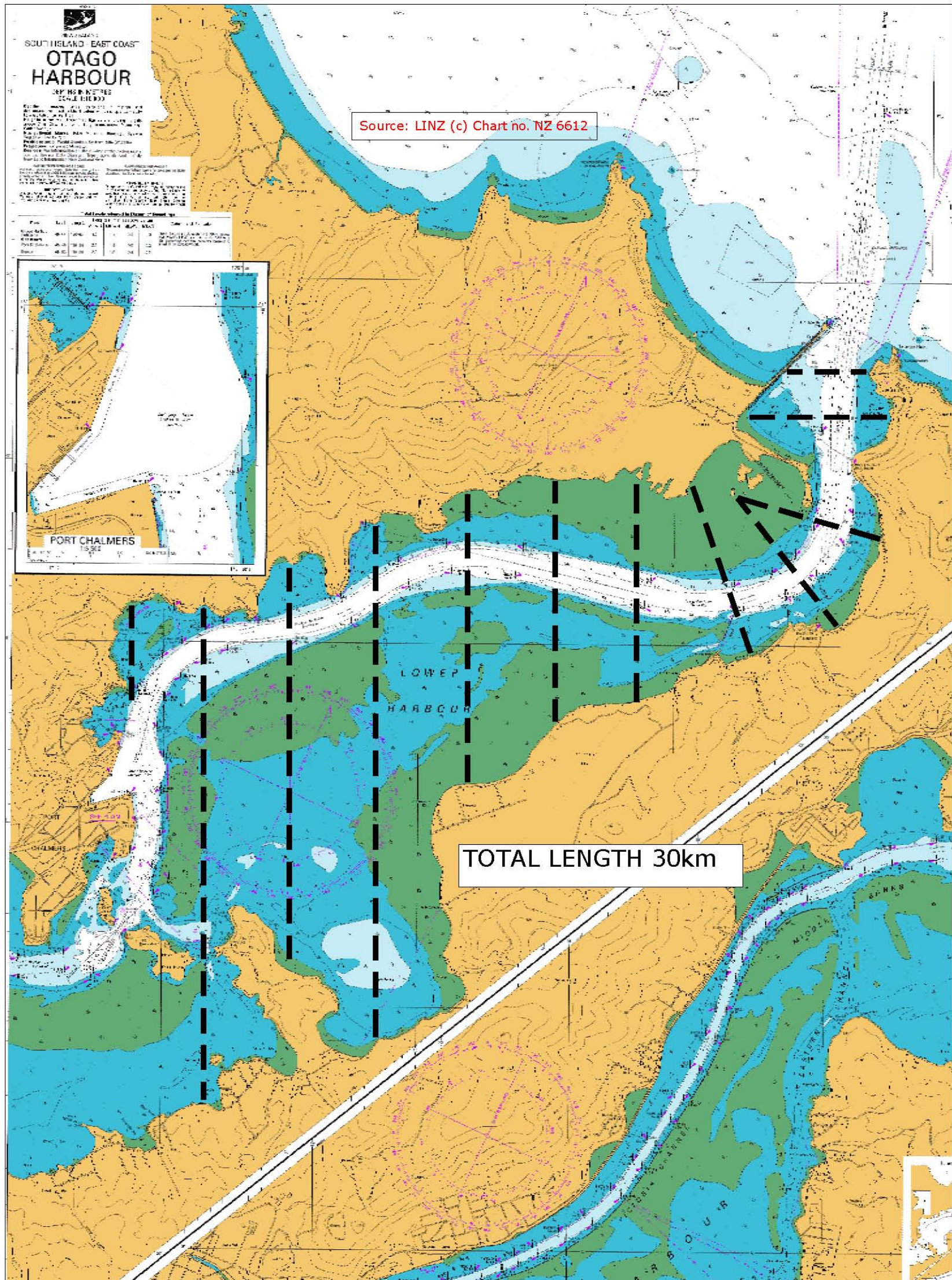
ACAD FILE NAME: Project Next \ 11112
 DWG No: A1. 11112/2

LEGEND

- 0 - 1m Dredge Depth
- 1 - 2m Dredge Depth
- 2 - 4m Dredge Depth
- 4 - 6m Dredge Depth
- 6 - 8m Dredge Depth
- 8 - 10m Dredge Depth
- 10 - 12m Dredge Depth
- 12 - 14m Dredge Depth
- > 14m Dredge Depth

Current Chart Datum (from NZ6612)
 Extent of Dredging
 Proposed Toe of Channel

Appendix 5
Coastal Permit 2010.193
Lower Harbour Channel Bathymetric Survey Plan Set-Out Plan 11206/2



Project Next Generation
Scale 1:50000 In Harbour Bathymetric Survey Transects A4 11206/2

COASTAL PERMIT

Pursuant to Section 104B of the Resource Management Act 1991, the Otago Regional Council grants consent to:

Name: Port Otago Limited

Address: 15 Beach Street, Port Chalmers, Dunedin

To disturb and remove dredge material from the foreshore and seabed

for the purpose of maintenance dredging of the lower harbour channel and the Port Chalmers swinging and berthing areas

for a term expiring (*date to be inserted - 35 years from date of decision*)

Location of consent activity: Otago Harbour entrance channel from the Landfall Tower approximately 2.4 kilometres north of Taiaroa Head to the Port Chalmers swinging basin

Legal description: Crown Land Seabed, Otago Harbour, Bed of Otago Harbour DP 3904, Sec 52 Blk I Lower Harbour West SD

Map reference: Between approximately NZTM 2000 1323150E 5031094N and NZTM 2000 1315751E 5023783N

Chart Reference: Between approximately NZ661 & NZ6612 45°45.07'S 170°43.61'E and 45°48.82'S 170°37.87'E

Conditions:

Specific

1. This consent shall be exercised together with Coastal Permit 2010.196.
2. If this consent is not given effect to within a period of fifteen years from the date of commencement of this consent, this consent shall lapse under Section 125 of the Resource Management Act 1991.
3. This consent does not authorise the use of explosive blasting.
4. This consent shall be exercised in accordance with the application for resource consent dated 25 May 2010 including the Assessment of Environmental Effects and all supporting documents, (specifically Chapter 2.0, section 2.2 – Project Description – Deepening, Widening and Maintaining Lower Harbour Channel, Swinging Area and Berths - application document entitled Project Next Generation – Resource Consent Applications and Assessment of Environmental Effects May 2010) and the Environmental Management Plan developed in accordance with condition 10 of this consent. If there is an inconsistency the conditions and terms of this consent shall prevail.

5. Maintenance dredging of the specified harbour channel, berths and swinging areas, is authorised to the following maximum depths, including the over dredging allowance:
 - (a) Approach Channel – from the Landfall Tower to 2,500 chainage - to a depth of 18.5 metres below chart datum (17.5 metres declared depth plus 1.0 metre overdredge allowance)
 - (b) Lower Harbour Channel – from 2,500 chainage to 6,600 chainage - to a depth of 16.5 metres below chart datum (16.0 metres declared depth plus 0.5 metre overdredge allowance)
 - (c) Lower Harbour Channel from 6,600 chainage Port Chalmers and including the Port Chalmers Basin - to a depth of 15.5 meters below chart datum (15.0 metres declared depth plus 0.5 metre overdredge allowance)
 - (d) Berths at the multipurpose container wharf – to a depth of 18.5 metres below chart datum prior to establishment of the rock buttress, after the rock buttress is constructed the depth shall be no more than 16.5 metres below chart datum (15.0 metres declared depth plus 1.5 metres overdredge and siltation allowance).

6. Maintenance dredging of the specified harbour channel, berths and swinging areas to the maximum depths specified in condition 5 above, is authorised to the following maximum widths:
 - (a) Approach Channel – from the Landfall Tower to 2,500 chainage - to a maximum width of 250 metres measured perpendicular to the centreline;
 - (b) Lower Harbour Channel – from 2,500 chainage to 3,700 chainage - to a maximum width of 200 metres measured perpendicular to the centreline;
 - (c) Lower Harbour Channel – from 3,700 chainage to 6,500 chainage - to a maximum width of 255 metres measured perpendicular to the centreline;
 - (d) Lower Harbour Channel – from 6,500 chainage to 11,500 chainage - to a maximum width of 200 metres measured perpendicular to the centreline;
 - (e) Lower Harbour Channel – from 11,500 chainage to Port Chalmers and including the Port Chalmers Basin - to a maximum width of 530 metres measured perpendicular to the centreline.

Performance Monitoring

7. Within three months of the issue of this consent, the consent holder shall prepare in consultation with the Consent Authority and submit to the Consent Authority an Environmental Management Plan addressing the maintenance works authorised by this consent. The objectives of the Environmental Management Plan shall be to incorporate industry best practice, guide environmental management for the duration of maintenance works, and to establish measures to avoid, remedy or mitigate any adverse environmental effects associated with it. The purpose of the Environmental Management Plan shall include but not be limited to, the following:
 - (a) a list of key personnel and points of contact;
 - (b) a description of how stakeholders will be kept informed and involved during the maintenance program and how complaints will be managed;
 - (c) a description of the staging plan for the maintenance, if known, which will identify the works and proposed duration of each stage;
 - (d) a description of the dredging and disposal locations, methodology and associated Permits;

- (e) a description of what actions will be taken to adaptively manage the actual or potential effects of consented activities to satisfy consent conditions; and
- (f) a summary and timetable of all reporting required under this consent, Coastal Permit 2010.196 and the Environmental Management Plan and the relevant periods that they cover;
- (g) the allocation of responsibility for updating the plan should future amendments be required; and
- (h) any items required to be included in an Environmental Management Plan from Coastal Permit 2010.196.

Any changes to the Environmental Management Plan shall be made after consultation with the Consent Authority and shall be submitted to the Consent Authority prior to those changes being implemented.

- 8. The consent holder shall provide the Consent Authority with an annual updated Maintenance Dredging and Disposal Schedule containing details of:
 - (a) The intention to commence (or continue) dredging;
 - (b) The areas to be dredged in the forthcoming period;
 - (c) The periods during which dredging is expected to occur in each specified area;
 - (d) A description of the equipment to be used for the dredging; and
 - (e) Any restrictions that will apply to navigation during the dredging.

- 9. The consent holder shall forward to the Consent Authority an annual report summarising all reporting required under this consent or the Environmental Management Plan for the maintenance works.

- 10. The consent holder shall maintain a record of the following information for the maintenance dredging works:
 - (a) volume of dredged material removed in each episode;
 - (b) GPS location or chart reference of each disposal event and the associated disposal site;
 - (c) Cumulative total volumes of dredged material disposed of from the issue of this consent.

The record shall be kept and submitted to the Consent Authority in report format on a five yearly basis (with the first report required by 1 March 2016) and at anytime on request.

- 11. At minimum, the consent holder shall undertake bathymetric surveys of the foreshore and seabed and intertidal flats within the lower harbour at the locations specified in Appendix 1 of this consent. All bathymetric surveys shall have an accuracy of 0.1 metres vertically. If additional surveys or a different survey pattern is developed and contained within the Environmental Management Plan, this is to be in addition to the requirements of this consent. The bathymetric surveys will be undertaken at three yearly intervals for the duration of this consent. The results shall be summarised in a report to be submitted to the Consent Authority within three months of the completion of each survey.

- 12. By 1 December 2020, 1 December 2030 and 1 December 2045 the consent holder shall submit a report to the Consent Authority that summarises the results of all bathymetric surveys undertaken in accordance with this consent and shall clearly indicate the degree of change to the foreshore and seabed as a result of the

dredging authorised by this consent and detail the actual effects on the environment of the works.

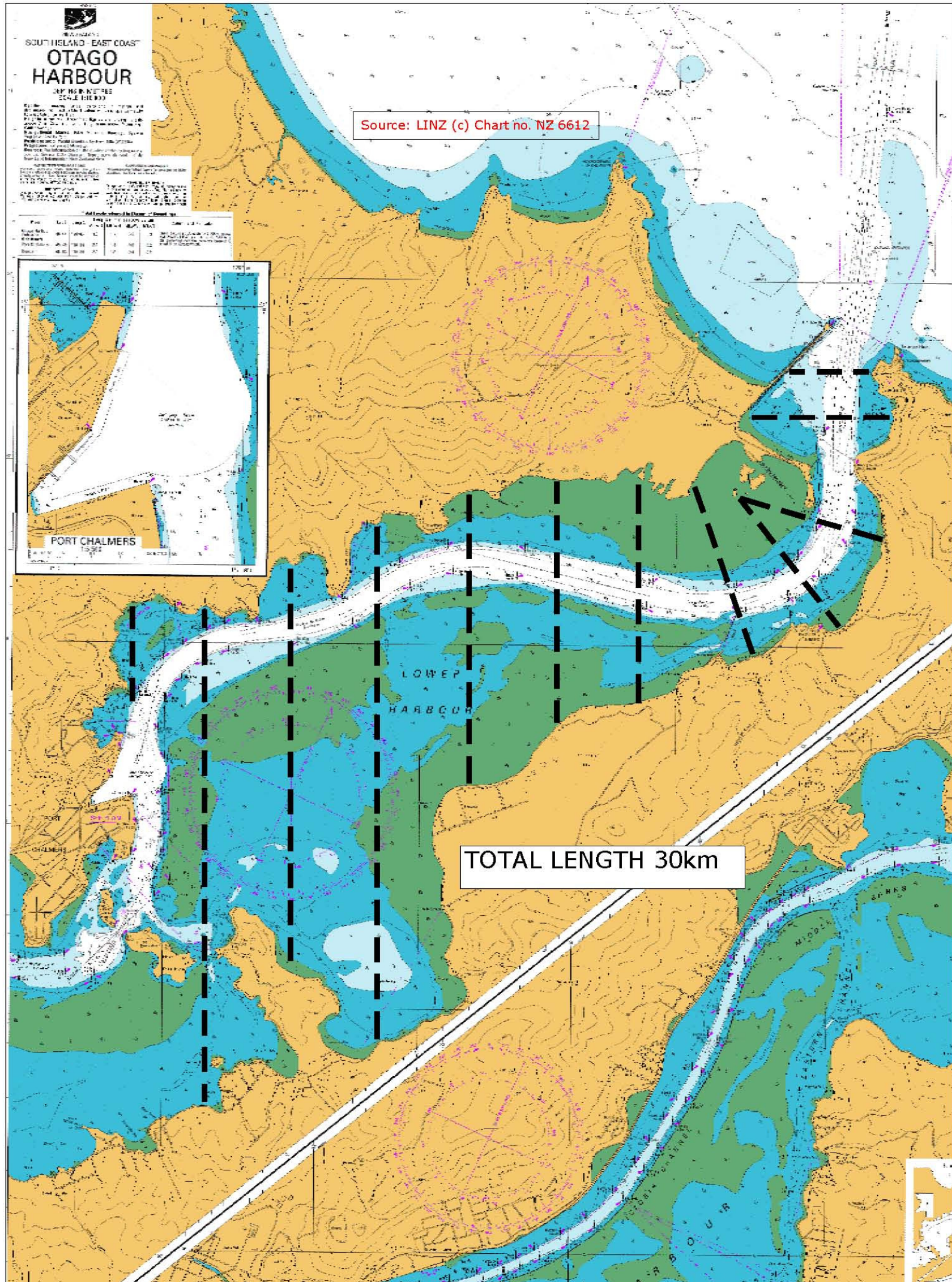
General

13. The consent holder shall require all staff or contractors engaged to undertake work authorised by this consent to do so in accordance with the conditions of this consent. A copy of this consent shall be present on site at all times while the work is being undertaken.
14. During the exercise of this consent, the consent holder shall take all practicable precautions to protect public safety at all times.
15. During the exercise of this consent, the consent holder shall ensure that the effects of the maintenance works on marine biota are minimised to the extent practicable in accordance with the Environmental Management Plan.
16. The Consent Holder shall ensure that no fuel or oils, enter into the coastal marine area as a result of these works. This shall include the maintenance of machinery at all times to prevent leakage of fuel or oil into the coastal marine area. In the event of contamination, the consent holder shall instigate remedial action and shall notify the Consent Authority as soon as practicable.
17. The Consent Authority may, in accordance with sections 128 and 129 of the Resource Management Act 1991, serve notice on the consent holder of its intention to review the conditions of this consent within three months of each anniversary of the commencement of this consent for the purpose of:
 - (a) ensuring that the monitoring regime is appropriate; or
 - (b) determining whether the conditions of this consent are adequate to deal with any adverse effect on the environment which may arise from the exercise of the consent and which it is appropriate to deal with at a later stage. Including, but not limited to the appropriate mitigation of the environmental effects of the activity having regard to the available dredging technology; or
 - (c) addressing the contents of the Environment Management Plan; or
 - (d) ensuring the conditions of this consent are consistent with any National Environmental Standards.

Notes

1. *For the purposes of these conditions the Maintenance is defined as existing maintenance dredging and future maintenance dredging works required to maintain the deepened Harbour channels.*

Appendix 1
Coastal Permit 2010.194
Bathymetric Survey Pattern – In Harbour Transects Plan 11206/2



COASTAL PERMIT

Pursuant to Section 104B of the Resource Management Act 1991, the Otago Regional Council grants consent to:

Name: Port Otago Limited

Address: 15 Beach Street, Port Chalmers, Dunedin

To discharge dredging decant water and all associated contaminants

for the purpose of deepening and widening the lower harbour channel and the Port Chalmers swinging and berthing areas

for a term expiring (*date to be inserted - 20 years from date of decision*)

Location of consent activity: Otago Harbour entrance channel from the Landfall Tower approximately 2.4 kilometres north of Taiaroa Head to the Port Chalmers swinging basin

Legal description: Crown Land Seabed, Otago Harbour, Bed of Otago Harbour DP 3904, Sec 52 Blk I Lower Harbour West SD

Map reference: Between approximately NZTM 2000 1323150E 5031094N and NZTM 2000 1315751E 5023783N

Chart Reference: Between approximately NZ661 & NZ6612 45°45.07'S 170°43.61'E and 45°48.82'S 170°37.87'E

Conditions: Specific

1. This consent shall be exercised together with Coastal Permits 2010.193 and 2010.198.
2. If this consent is not given effect to within a period of five years from the date of commencement of this consent, this consent shall lapse under Section 125 of the Resource Management Act 1991.
3. This consent shall be exercised in accordance with the application for resource consent dated 25 May 2010 including the Assessment of Environmental Effects and all supporting documents, (specifically Chapter 2.0, section 2.2 – Project Description – Deepening, Widening and Maintaining Lower Harbour Channel, Swinging Area and Berths - application document entitled Project Next Generation – Resource Consent Applications and Assessment of Environmental Effects May 2010) and the Environmental Management Plan developed in accordance with condition 13 of Coastal Permit 2010.193. If there is an inconsistency the conditions and terms of this consent shall prevail.

4. During the exercise of consent 2010.193, the consent holder shall place a turbidity meter or meters near (within 20 m of the boundary of) or in each of the following locations for monitoring regimes in accordance with conditions 5 and 6 of this consent:
- (a) the Harbour Seagrass beds;
 - (b) the Aramoana Ecological area;
 - (c) Quarantine or Pudding Island;
 - (d) Wellers Rock/Omate Beach; and
 - (e) the intertidal cockle beds opposite Acheron Head; and
 - (f) a control meter in the upper harbour
- The approximate locations are shown in Appendix 1 of this consent.
5. The consent holder shall undertake fixed turbidity monitoring at the locations specified in condition 4 and any additional monitoring locations specified in the Environmental Management Plan in the following manner:
- (a) a minimum of the first six months from commencement of any Incremental Capital works authorised by Coastal Permit 2010.193; and
 - (b) if the report from condition 12 of this Coastal Permit indicates further monitoring is required, this must be undertaken for a minimum of 12 months commencing upon submission of the report from condition 12 to the consent authority; and
 - (c) at any time when Incremental Capital works are being undertaken within a 2 kilometre distance down tide of any of the turbidity monitoring areas identified in condition 4 of this consent.
6. The consent holder shall undertake fixed turbidity monitoring in accordance with condition 4 of this consent and any additional monitoring locations specified in the Environmental Management Plan, three months prior to the commencement of Major Capital dredging authorised by Coastal Permit 2010.193 and ensure this monitoring is continuous until three months after the completion of all Major Capital works.
7. If the following response limits are exceeded at the turbidity meters required by condition 4, the following associated response limit management actions shall be complied with:

Monitoring Location	Response Limits		Management Action	
	1	2	Response Limit 1 reached	Response Limit 2 reached
Turbidity meter placed in a location in the Harbour seagrass beds	12 NTU (6 hourly average)	17 NTU (6 hourly average)	Notify ORC within 24 hours of exceedance. Check equipment/data accuracy to verify exceedance.	Undertake all actions as set out when Response limit 1 is reached
Turbidity meter placed in a location adjacent to the Aramoana Ecological area	19 NTU (6 hourly average)	24 NTU (6 hourly average)	Review natural events and areas of dredging activity with an expert advisor.	Undertake management of dredging process to reduce turbidity. This could include:
Turbidity meters placed in the following locations <input type="checkbox"/> Quarantine or	19 NTU (6 hourly average)	24 NTU (6 hourly average)	Assess impact of ongoing dredging	<input type="checkbox"/> Relocation of dredge <input type="checkbox"/> Reduce dredging

Pudding Island <input type="checkbox"/> Wellers Rock/ Omate Beach	average)		operation. Assess need for additional monitoring	frequency <input type="checkbox"/> Suspend dredging Operate dredge in non overflow mode
Turbidity meter placed in location within the intertidal cockle beds opposite Acheron Head.	35 NTU (6 hourly average)	50 NTU (6 hourly average)		

8. The discharge of contaminants shall not exceed the following environmental limits as a result of the works authorised by Coastal Permit 2010.193 and this Coastal Permit 2010.195:

Monitoring Location	Environmental Limit
Turbidity meter placed in a location in the Harbour seagrass beds	25 NTU (6 hourly average) 15 NTU (2 week moving average)
Turbidity meter placed in a location adjacent to Aramoana Ecological area	35 NTU (6 hourly average)
Turbidity meters placed in the following locations <input type="checkbox"/> Quarantine or Pudding Island <input type="checkbox"/> Wellers Rock/ Omate Beach	35 NTU (6 hourly average)
Turbidity meter placed in location within the intertidal cockle beds opposite Acheron Head.	70 NTU (6 hourly average)

9. The consent holder shall operate the dredging plant in accordance with the Environmental Management Plan.

Performance Monitoring

10. The consent holder shall include in the Environmental Management Plan prepared for Coastal Permits 2010.193 the following details for the works authorised by this consent. The discharge component of the Environmental Management Plan shall incorporate industry best practice and include but not be limited to the following:
- (a) a description of how the discharge occurs;
 - (b) methods to be implemented to minimise the discharge and associated plumes of sediment laden water;
 - (c) details of when turbidity monitoring will be undertaken and whether it is fixed or mobile;
 - (d) a description of the types of turbidity meters and their functionality and calibration requirements including frequency of scheduled calibration/servicing;
 - (e) a description and map of the locations of a turbidity monitors including the control monitor and their associated Coastal Permit numbers;
 - (f) a contingency plan for the breakdown of one or more turbidity monitors; and

- (g) response limits and management actions imposed by this consent;
- (h) details of the scope of any biological monitoring surveys.

Any changes to the Environmental Management Plan shall be made after consultation with the Consent Authority and shall be submitted to the Consent Authority prior to those changes being implemented.

11. The consent holder shall have the data from the fixed turbidity monitors from Condition 5a and 5b and any measurement or photographs undertaken as specified in the Environmental Management Plan reviewed by a suitably qualified expert to assess the need for continued monitoring during Incremental Capital works. A report shall be prepared by the consent holder incorporating the results of the independent review and a discussion of future or continued monitoring requirements. This report shall be submitted to the Consent Authority within two months of the end of the monitoring period required by condition 5a or 5b.
12. On completion of turbidity monitoring in accordance with conditions 5a, 5b, 5c and 6, the consent holder shall prepare a report summarising:
 - (a) the results of the turbidity data;
 - (b) any photographs or additional monitoring results undertaken in accordance with the Environmental Management Plan;
 - (c) and the schedule of works;to determine the actual effects on water quality and on the coastal marine area including biota as a result of the Incremental and Major Capital works authorised by Coastal Permits 2010.193 and 2010.198 and this Coastal Permit 2010.195. This report shall also confirm the results of any surveys undertaken to verify the hydrodynamic modelling predictions associated with various items of dredging plant.
13. At minimum, the consent holder shall undertake biological monitoring surveys of the foreshore, seabed and intertidal flats within the Lower Harbour and including the Port Chalmers swinging and berthing areas and the Approach Channel. If additional surveys are developed and contained within the Environmental Management Plan, this is to be in addition to the requirements of this consent. The surveys will be undertaken at the following time periods:
 - (a) At least three months prior to the commencement of any Incremental Capital works as a baseline survey;
 - (b) three yearly intervals during the Incremental Capital works;
 - (c) a maximum of 36 months after the completion of Incremental Capital works.
 - (d) at least three months prior to the commencement of Major Capital works;
 - (e) 12 monthly during Major Capital works;
 - (f) 12 monthly for a maximum of three 12 month periods after the completion of Major Capital works.The results presented in a report submitted to the Consent Authority within 3 months of each survey being undertaken.

General

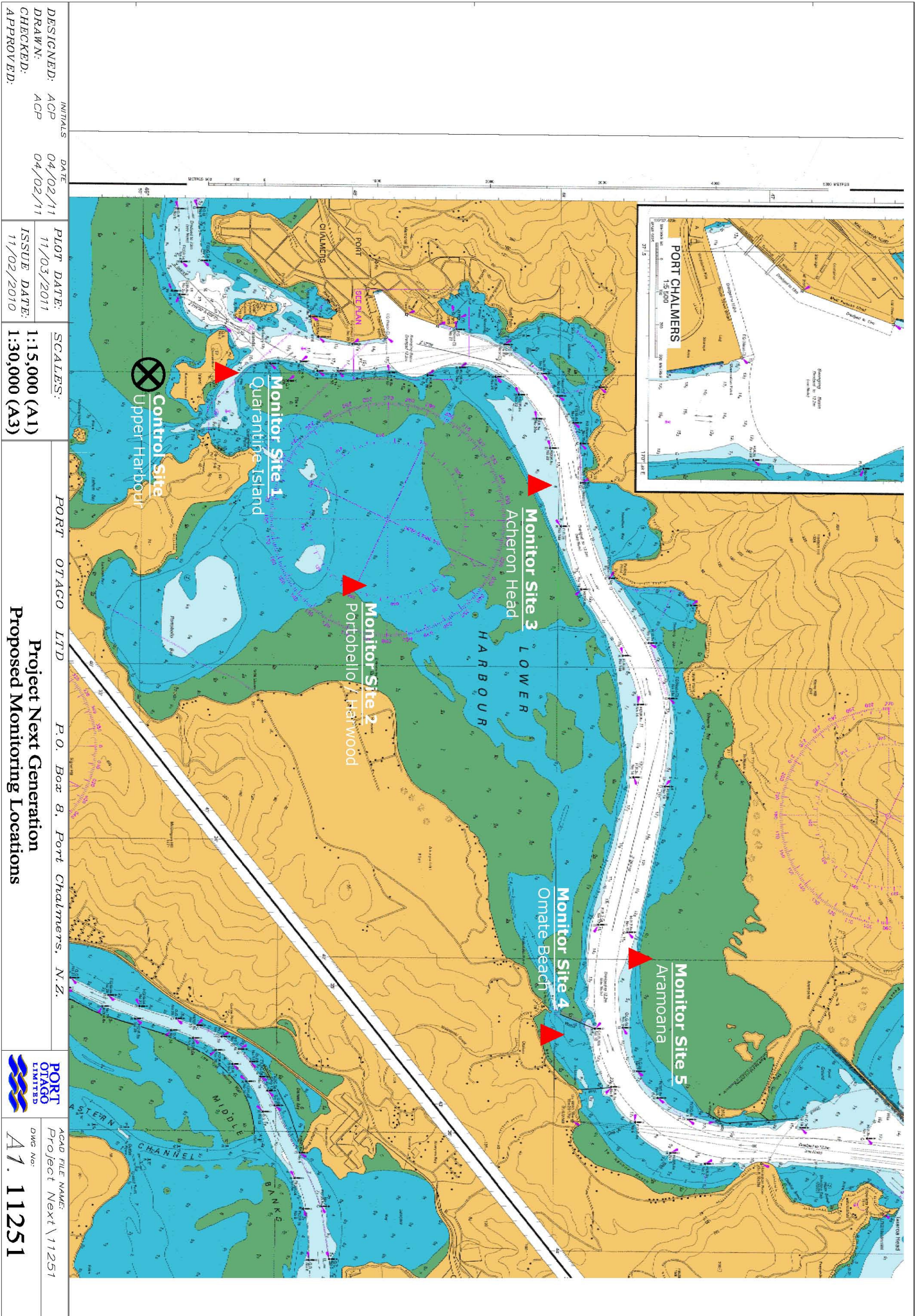
14. The consent holder shall require all staff or contractors engaged to undertake work authorised by this consent to do so in accordance with the conditions of this consent. A copy of this consent shall be present on site at all times while the work is being undertaken.

15. During the exercise of this consent, the consent holder shall take all practicable precautions to protect public safety at all times.
16. During the exercise of this consent, the consent holder shall ensure that the effects of the discharge on marine biota are minimised to the extent practicable in accordance with the Environmental Management Plan.
17. The consent holder shall ensure that no fuel or oils, enter into the coastal marine area as a result of these works. This shall include the maintenance of machinery at all times to prevent leakage of fuel or oil into the coastal marine area. In the event of contamination, the consent holder shall instigate remedial action and shall notify the Consent Authority as soon as practicable.
18. Whilst undertaking Major Capital works the consent holder shall ensure that all practicable measures are taken to minimise sediment from being suspended in water in the coastal marine area.
19. The Consent Authority may, in accordance with sections 128 and 129 of the Resource Management Act 1991, serve notice on the consent holder of its intention to review the conditions of this consent within three months of each anniversary of the commencement of this consent for the purpose of:
 - (a) ensuring that the monitoring regime is appropriate; or
 - (b) determining whether the conditions of this consent are adequate to deal with any adverse effect on the environment which may arise from the exercise of the consent and which it is appropriate to deal with at a later stage; or
 - (c) addressing the contents of the Environment Management Plan; or
 - (d) ensuring the conditions of this consent are consistent with any National Environmental Standards.

Notes

1. For the purposes of these conditions the following definitions apply:
 - a) *“Incremental Capital Works” means dredging and ancillary works using trailing suction dredges each with a capacity of no more than 1000 cubic metres and/or a grab dredge or back hoe with capacities each of no more than 10 cubic metres, and includes maintenance dredging that is otherwise not permitted by the Regional Plan: Coast and a resource consent for disposal of maintenance dredging material, provided that the total annual quantity of dredge material from Incremental Capital Works is no more than 1.45 million cubic metres.*
 - b) *“Major Capital Works” means dredging and ancillary works that are not Incremental Capital works or part of the Maintenance Programme.*

Appendix 1
Coastal Permit 2010.195
Monitoring locations for turbidity meters plan A1 11251

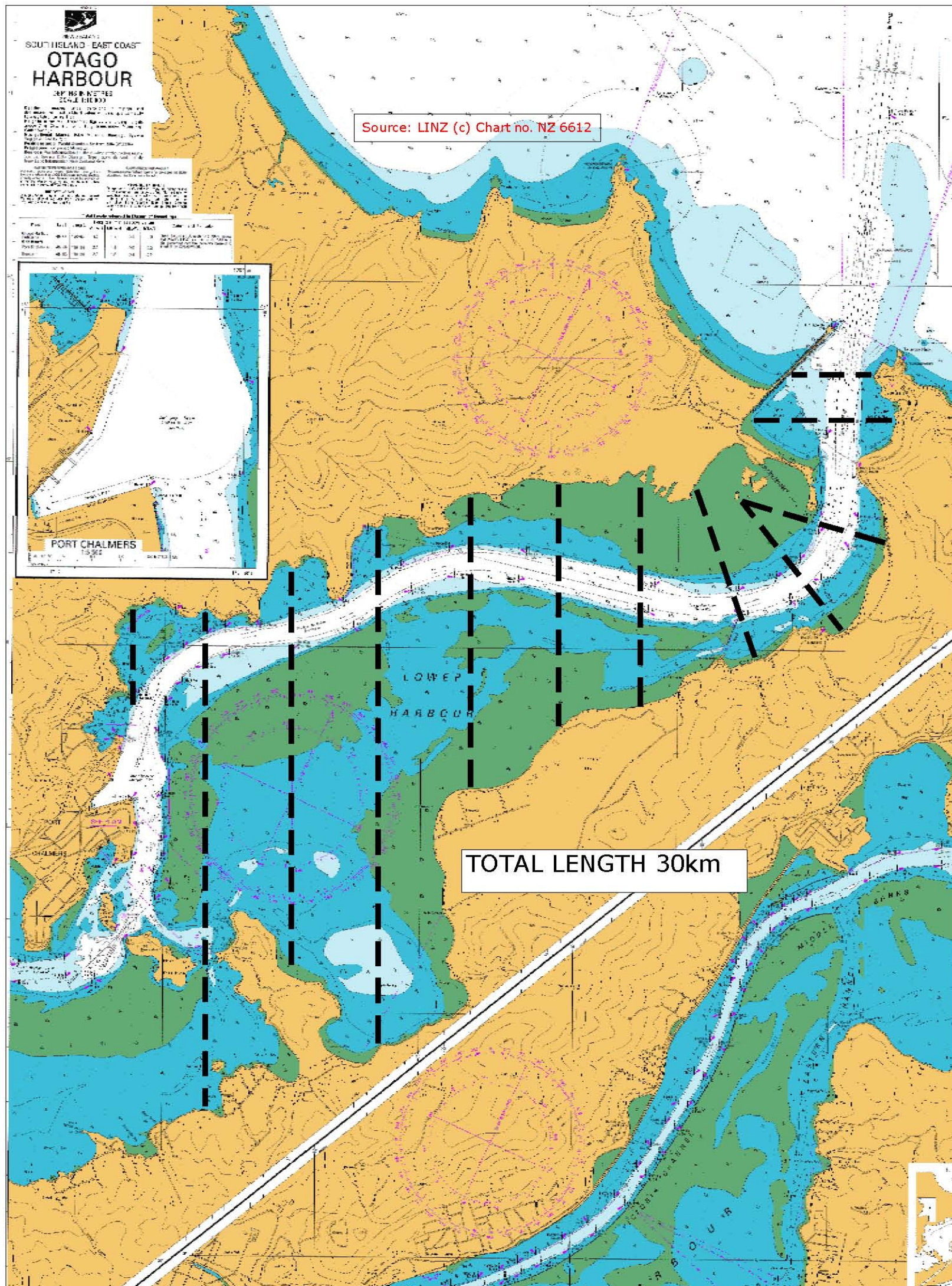


DESIGNED:	ACP	DATE:	04/02/11
DRAWN:	ACP	DATE:	04/02/11
CHECKED:		DATE:	11/03/2011
APPROVED:		DATE:	11/02/2010

INITIALS:		SCALE:	1:15,000 (A1)
			1:30,000 (A3)
PORT OTAGO LTD		P.O. Box 8, Port Chalmers, N.Z.	
Project Next Generation			
Proposed Monitoring Locations			

	ACAD FILE NAME:	Project Next\11251
	DWG No.:	A1. 11251

Appendix 2
Coastal Permit 2010.195
Bathymetric Survey Pattern –In Harbour Transects Plan 11206/2



COASTAL PERMIT

Pursuant to Section 104B of the Resource Management Act 1991, the Otago Regional Council grants consent to:

Name: Port Otago Limited

Address: 15 Beach Street, Port Chalmers, Dunedin

To discharge dredging decant water and associated contaminants

for the purpose of maintenance dredging of the lower harbour channel and the Port Chalmers swinging and berthing areas

for a term expiring (*date to be inserted - 35 years from date of decision*)

Location of consent activity: Otago Harbour entrance channel from the Landfall Tower approximately 2.4 kilometres north of Taiaroa Head to the Port Chalmers swinging basin

Legal description: Crown Land Seabed, Otago Harbour, Bed of Otago Harbour DP 3904, Sec 52 Blk I Lower Harbour West SD

Map reference: Between approximately NZTM 2000 1323150E 5031094N and NZTM 2000 1315751E 5023783N

Chart Reference: Between approximately NZ661 & NZ6612 45°45.07'S 170°43.61'E and 45°48.82'S 170°37.87'E

Conditions:

Specific

1. This consent shall be exercised together with consent 2010.194
2. If this consent is not given effect to within a period of fifteen years from the date of commencement of this consent, this consent shall lapse under Section 125 of the Resource Management Act 1991.
3. This consent shall be exercised in accordance with the application for resource consent dated 25 May 2010 including the Assessment of Environmental Effects and all supporting documents, (specifically Chapter 2.0, section 2.2 – Project Description – Deepening, Widening and Maintaining Lower Harbour Channel, Swinging Area and Berths - application document entitled Project Next Generation – Resource Consent Applications and Assessment of Environmental Effects May 2010) and the Environmental Management Plan developed in accordance with condition 10 of Coastal Permit 2010.194. If there is an inconsistency the conditions and terms of this consent shall prevail.

4. The consent holder shall operate the dredging plant in accordance with the Environmental Management Plan required by condition 5 of this consent.

Performance Monitoring

5. The consent holder shall include in the Environmental Management Plan prepared for Coastal Permit 2010.194 the following details for the works authorised by this consent. The discharge component of the Environmental Management Plan shall incorporate industry best practice and include but not be limited to the following:
 - (a) a description of how the discharge occurs;
 - (b) methods to be implemented to minimise the discharge and associated plumes of sediment laden water, and
 - (c) management actions imposed by this consent.

Any changes to the Environmental Management Plan shall be made after consultation with the Consent Authority and shall be submitted to the Consent Authority prior to those changes being implemented.

General

6. The consent holder shall require all staff or contractors engaged to undertake work authorised by this consent to do so in accordance with the conditions of this consent. A copy of this consent shall be present on site at all times while the work is being undertaken.
7. During the exercise of this consent, the consent holder shall take all practicable precautions to protect public safety at all times.
8. During the exercise of this consent, the consent holder shall ensure that the effects of the discharge on marine biota are minimised to the extent practicable in accordance with the Environmental Management Plan.
9. The consent holder shall ensure that no fuel or oils enter into the coastal marine area as a result of these works. This shall include the maintenance of machinery at all times to prevent leakage of fuel or oil into the coastal marine area. In the event of contamination, the consent holder shall instigate remedial action and shall immediately notify the Consent Authority.
10. The Consent Authority may, in accordance with sections 128 and 129 of the Resource Management Act 1991, serve notice on the consent holder of its intention to review the conditions of this consent within three months of each anniversary of the commencement of this consent for the purpose of:
 - (a) ensuring that the monitoring regime is appropriate; or
 - (b) determining whether the conditions of this consent are adequate to deal with any adverse effect on the environment which may arise from the exercise of the consent and which it is appropriate to deal with at a later stage; or
 - (c) addressing the contents of the Environment Management Plan; or
 - (d) ensuring the conditions of this consent are consistent with any National Environmental Standards.

COASTAL PERMIT

Pursuant to Section 104B of the Resource Management Act 1991, the Otago Regional Council grants consent to:

Name: Port Otago Limited

Address: 15 Beach Street, Port Chalmers, Dunedin

To disturb the foreshore and seabed and deposit up to 30,000 cubic metres of rock rip rap to form a rock buttress and revetment

for the purpose of improving foreshore and seabed stability under the container wharf and the extended multipurpose wharf and their associated berths

for a term expiring (*insert date - 10 years from date of decision*)

Location of consent activity: Port Chalmers, Otago Harbour: located between the southeast end of the Port Chalmers container wharf and the northeast corner of Boiler Point, midpoint being approximately 450 metres northeast of the intersection of Beach Street and George Street, Port Chalmers

Legal description: Crown Land Seabed, Bed of Otago Harbour DP 3904

Map reference: approximate midpoint NZTM 2000 1315551E 5024284N

Chart Reference: approximate midpoint NZ661 & NZ6612 45°48.55'S, 170°37.68'E

Conditions: Specific

1. This consent shall be exercised together with Coastal Permit 2010.200 and 2010.203.
2. If this consent is not given effect to within a period of five years from the date of commencement of this consent, this consent shall lapse under Section 125 of the Resource Management Act 1991.
3. This consent shall be exercised in accordance with the application for resource consent dated 25 May 2010 including the Assessment of Environmental Effects and all supporting documents, (specifically Chapter 2.0, section 2.2 Project Description – Deepening, Widening and Maintaining Lower Harbour Channel, Swinging Area and Berths and section 2.4 – Project Description – Multipurpose Wharf extension and Fishing Jetty - application document entitled Project Next Generation – Resource Consent Applications and Assessment of Environmental Effects May 2010) and the Environmental Management Plan required by Coastal

Permit 2010.200. If there is an inconsistency the conditions and terms of this consent shall prevail.

4. The consent holder shall ensure that all machinery associated within the deposition of rock rip rap is operated in accordance with the Environmental Management Plan specified in Condition 6 of this consent.
5. The generation of noise as a result of construction activity shall not exceed the New Zealand Construction Noise Standard NZS 6803 (1999).

Performance Monitoring

6. The consent holder shall include in the Environmental Management Plan prepared for Coastal Permit 2010.200 the following details for the works authorised by this consent. The disturbance component of the Environmental Management Plan shall incorporate industry best practice and include but not be limited to the following:
 - (a) a description of how the disturbance occurs;
 - (b) a description of the sources and sizes of rock to be used;
 - (c) construction methods to be implemented to minimise the disturbance and associated plumes of sediment laden water;
 - (d) methods to be implemented to relocate resident crustaceans from the site and remove any mammals, birds or fish from the site before and during works.Any changes to the Environmental Management Plan shall be made after consultation with the Consent Authority and shall be submitted to the Consent Authority prior to those changes being implemented.
7. The consent holder shall provide the Consent Authority with written notice of the intention to commence works authorised by this consent no less than one month before the work commences.
8. The consent holder shall undertake a habitat survey of the site to receive the rock rip rap and include a minimum area of 20 metres surrounding the site, at least three months prior to commencement of works. The habitat survey will be reported to the Consent Authority within two months of the survey being undertaken.

General

9. During the exercise of this consent, the consent holder shall take all practicable precautions to protect public safety at all times.
10. During the exercise of this consent, the consent holder shall ensure that the effects of the activities on marine biota are minimised to the extent practicable in accordance with the Environmental Management Plan.
11. The consent holder shall ensure that no fuel or oils enter into the coastal marine area as a result of these works. This shall include the maintenance of machinery at all times to prevent leakage of fuel or oil into the coastal marine area. In the event of contamination, the consent holder shall instigate remedial action and shall immediately notify the Consent Authority.
12. The consent holder shall ensure that the disturbance of the coastal marine area associated with the works shall be restricted to that area necessary to do the work.

13. To the extent practicable works shall not be carried out within a 20 metre radius of the end of the Boiler Point walkway identified in Appendix 1 on Public Holidays or the period between 20 December and 10 January in the following year (inclusive).

14. If the Consent Holder:

- (a) Discovers koiwi tangata (human skeletal remains), or Maori artefact material, the Consent Holder shall without delay:
 - (i) Notify the Tangata whenua and New Zealand Historic Places Trust and in the case of skeletal remains, the New Zealand Police.
 - (ii) Stop work within the immediate vicinity of the discovery to allow a site inspection by the New Zealand Historic Places Trust and the appropriate runanga and their advisors, who shall determine whether the discovery is likely to be extensive; if a thorough site investigation is required and whether an Archaeological Authority is required.
 - (iii) Any koiwi tangata discovered shall be handled and removed by tribal elders responsible for the tikanga (custom) appropriate to its removal or preservation.

Site work shall not recommence until authorised by the Consent Authority, following consultation with the New Zealand Historic Places Trust, Tangata whenua, and in the case of skeletal remains, the NZ Police, provided that any relevant statutory permissions have been obtained.

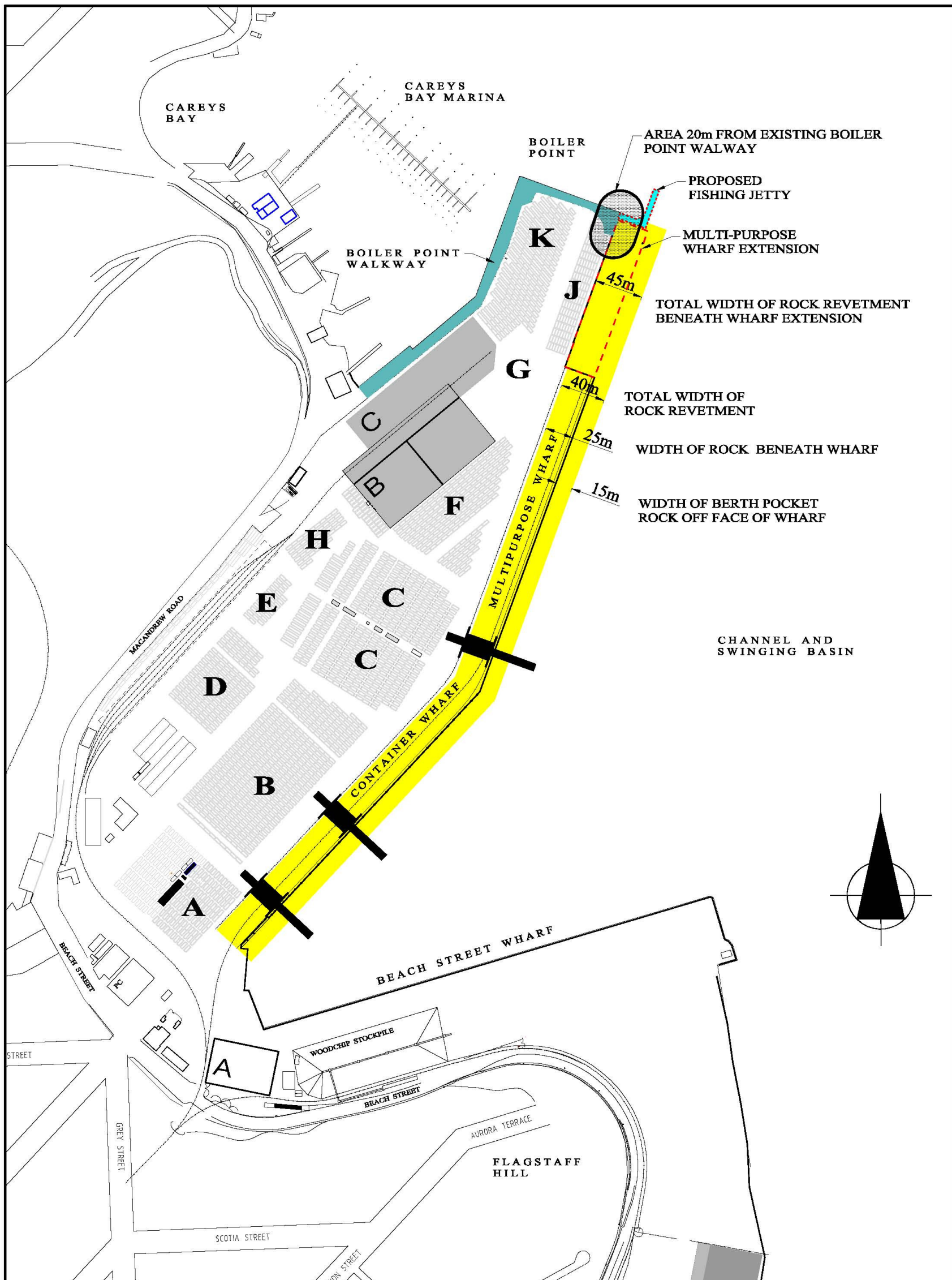
- (b) Discovers any feature or archaeological material that predates 1900, or heritage material, or disturbs a previously unidentified archaeological or heritage site, the Consent Holder shall without delay:
 - (i) Stop work within the immediate vicinity of the discovery or disturbance; and
 - (ii) Advise the New Zealand Historic Places Trust, and in the case of Maori features or materials, the Tangata whenua, and if required, shall make an application for an Archaeological Authority pursuant to the Historic Places Act 1993; and
 - (iii) Arrange for a suitably qualified archaeologist to undertake a survey of the site.

Site work shall not recommence following until authorised by the Consent Authority.

15. The Consent Authority may, in accordance with sections 128 and 129 of the Resource Management Act 1991, serve notice on the consent holder of its intention to review the conditions of this consent within three months of each anniversary of the commencement of this consent for the purpose of:

- (a) determining whether the conditions of this consent are adequate to deal with any adverse effect on the environment which may arise from the exercise of the consent and which it is appropriate to deal with at a later stage; or
- (b) addressing the contents of the Environment Management Plan; or
- (c) ensuring the conditions of this consent are consistent with any National Environmental Standards.

Appendix 1
 Coastal Permit 2010.197
 Location of Multipurpose Wharf Extension, Fishing Jetty and Rock Revetment A1 11250



Port Otago Next Generation -
 Location of Multi-Purpose Wharf Extension,
 Fishing Jetty and Rock Revetment Work

Approx. Scale 1:3000

A3 11250

COASTAL PERMIT

Pursuant to Section 104B of the Resource Management Act 1991, the Otago Regional Council grants consent to:

Name: Port Otago Limited

Address: 15 Beach Street, Port Chalmers, Dunedin

To deposit dredge material sourced from the Otago harbour channel

for the purpose of deepening and widening the lower harbour channel and the Port Chalmers swinging and berthing areas

for a term expiring (*insert date - 20 years from date of decision*)

Location of consent activity: *Disposal Site A0*: Pacific Ocean, approximately 6.3 kilometres north east of Taiaroa Head

Legal description: Crown Land seabed

Map reference: Approximate midpoint NZTM 2000 1328752E 5033100N

Chart Reference: Approximate midpoint NZ661 & NZ6612 45°44.1'S 170°48.0E

Conditions:

Specific

1. This consent shall be exercised together with Coastal Permits 2010.193 and 2010.195.
2. If this consent is not given effect to within a period of five years from the date of commencement of this consent, this consent shall lapse under Section 125 of the Resource Management Act 1991
3. This consent shall be exercised in general accordance with the application for resource consent dated 25 May 2010 including the Assessment of Environmental Effects and all supporting documents, (specifically Chapter 2.0, section 2.2 – Project Description – Deepening, Widening and Maintaining Lower Harbour Channel, Swinging Area and Berths and section 2.3 Disposal of Dredged Material - application document entitled Project Next Generation – Resource Consent Applications and Assessment of Environmental Effects May 2010) and the Environmental Management Plan developed in accordance with Coastal Permit 2010.193. If there is an inconsistency the conditions and terms of this consent shall prevail.

4. The minimum depth below chart datum of site A0 as a result of deposition authorised by this consent is 25 metres.
5. The total volume of material deposited at the disposal site A0 (identified in Appendix 1 of this consent) shall not exceed 7.2 million cubic metres.
6. Material discharged shall only be derived from dredging that is authorised by the Coastal Permits 2010.193 and 2010.195 and, apart from natural biological matter such as shells, shall exclude material greater than 2 millimetres in particle size in accordance with the Wentworth Scale.
7. The material shall be disposed of to ensure as far as practicable even distribution of the material over the disposal site A0.

Performance Monitoring

8. The consent holder shall include in the Environmental Management Plan prepared for Coastal Permit 2010.193 the following details for the works authorised by this consent. The deposition component of the Environmental Management Plan shall incorporate industry best practice and include but not be limited to the following:
 - (a) a description of how the deposition occurs;
 - (b) methods to be implemented to minimise the risks and effects on public safety and that of marine biota;
 - (c) methods to be implemented to manage the discharge and associated plumes of sediment laden water from the deposition;
 - (d) a timetable of the frequency and dates of bathymetric surveys as required by this consent
 - (e) details of the scope of any biological monitoring surveys;
 - (f) results of the records kept in accordance with condition 9 of this consent.Any changes to the Environmental Management Plan shall be made after consultation with the Consent Authority and shall be submitted to the Consent Authority prior to those changes being implemented.
9. The consent holder shall record the following information in relation to the disposal of material at site A0:
 - (a) the volume of dredge material in each disposal event; and
 - (b) the GPS location of chart reference of the event; and
 - (c) the date and time of disposal; and
 - (d) a cumulative total of the volumes of disposal from the commencement of the consentThe records shall be kept and submitted in report format to the consent authority on a five yearly basis (with the first being required to be submitted by 1 March 2016) and at any time upon request.
10. At minimum, the consent holder shall undertake bathymetric surveys of the seabed of the offshore disposal site at locations as specified in Appendix 3 of this consent. All bathymetric surveys shall have an accuracy of 0.1 metres vertically. If additional surveys or a different survey pattern is developed and contained within the Environmental Management Plan, this is to be in addition to the requirements of this consent. The bathymetric surveys will be undertaken at the following time periods:
 - (a) For Incremental Capital works:

- (i) Prior to the commencement of any Incremental Capital works in accordance with the high intensity survey plan specified in Appendix 2a;
 - (ii) Once annually during Incremental Capital works in accordance with the high intensity survey plan specified in Appendix 2a;
 - (iii) Thereafter annually during Incremental Capital works in accordance with the low intensity survey plan specified in Appendix 2b;
 - (iii) Within six months of the completion of all Incremental Capital works in accordance with the low intensity survey plan specified in Appendix 2b;
- (b) For Major Capital works, all in accordance with the high intensity survey plan specified in Appendix 2a
- (i) Within the period six months prior to the commencement of Major Capital works; and
 - (ii) Every six months during the Major Capital works;
 - (iii) Within six months of the completion of all Major Capital works.

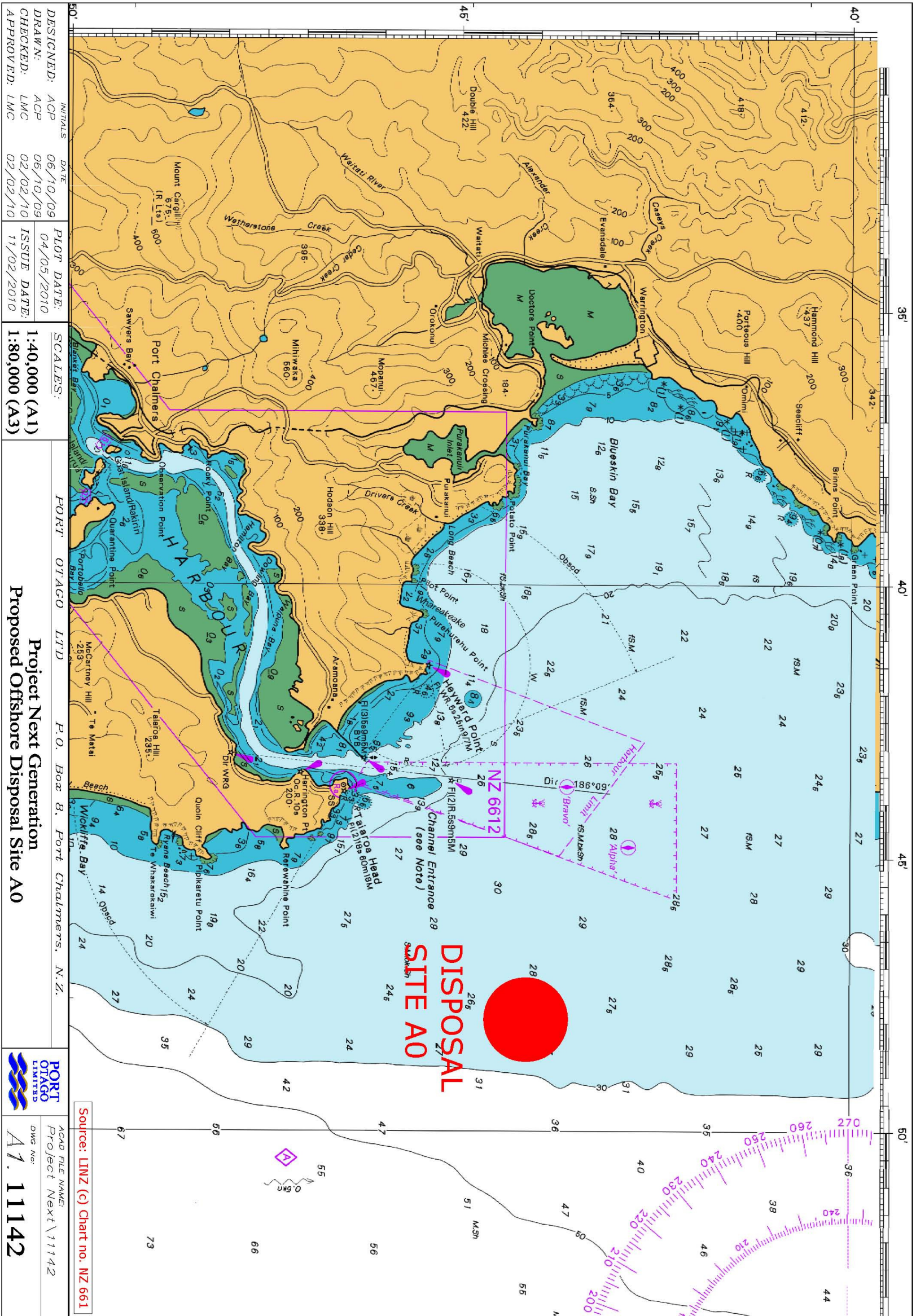
The results summarised in a report to be submitted to the Consent Authority within three months of the completion of each survey.

11. Within 2 years of completion of all Incremental Capital and Major Capital works the consent holder shall submit a report to the Consent Authority that summarises the results of all bathymetric surveys undertaken in accordance with this consent and shall clearly indicate the degree of change to the seabed in the surveyed areas and discuss the impacts of deposition authorised by this consent and detail the actual effects on the environment of the works.
12. The Consent Holder shall undertake a baseline biological monitoring survey at least three months prior to commencement of Incremental Capital Works and Major Capital Works. The locations and specifications for this baseline survey are to be contained in the Environmental Management Plan. The baseline biological monitoring survey will be reported to the Consent Authority once completed.
13. Within 3 months of the completion of the baseline survey required by Condition 12, the consent holder shall commission a study by a suitably qualified person or organisation of the effects on biota of dredge material deposit at and about site A0. Prior to the study commencing the design of the study shall be presented to the consent authority for their approval. The study shall include but not be limited to:
 - (a) the effects on species diversity,
 - (b) an assessment of the effects on the number of each species,
 - (c) recommending any ongoing biological monitoring programme.
14. An ongoing biological monitoring survey will be undertaken, and reported to the Consent Authority, at three yearly intervals for the duration of the consent to monitor the effects of Incremental Capital Works and Major Capital Works on species diversity and community composition and species abundance. The monitoring plan shall be included in the Environmental Management Plan
15. Monitoring will continue for up to three years following completion of either the Incremental Capital or Major Capital dredging operation (whichever is completed later).
16. Results from all monitoring undertaken pursuant to Conditions 13 – 15 shall be reported to the Consent Authority on an annual basis.

General

17. The consent holder shall require all staff or contractors engaged to undertake work authorised by this consent to do so in accordance with the conditions of this consent. A copy of this consent shall be present on site at all times while the work is being undertaken.
18. During the exercise of this consent, the consent holder shall take all practicable precautions to protect public safety at all times.
19. During the exercise of this consent, the consent holder shall ensure that the effects of the discharge on marine biota are minimised to the extent practicable in accordance with the Environmental Management Plan.
20. The consent holder shall ensure that no fuel or oils, enter into the coastal marine area as a result of these works. This shall include the maintenance of machinery at all times to prevent leakage of fuel or oil into the coastal marine area. In the event of contamination, the consent holder shall instigate remedial action and shall notify the Consent Authority as soon as practicable.
21. The Consent Authority may, in accordance with sections 128 and 129 of the Resource Management Act 1991, serve notice on the consent holder of its intention to review the conditions of this consent within three months of each anniversary of the commencement of this consent for the purpose of:
 - (a) ensuring that the monitoring regime is appropriate; or
 - (b) determining whether the conditions of this consent are adequate to deal with any adverse effect on the environment which may arise from the exercise of the consent and which it is appropriate to deal with at a later stage; including but not limited to:
 - (i) the effects of the exercise of this consent on the ecology and water quality of the Otago Harbour; or
 - (ii) the effects of the exercise of this consent on the ecology and water quality of the offshore areas of the Pacific Ocean; or
 - (iii) the appropriate mitigation of the environmental effects of the activity having regard to the available deposition technology; or
 - (c) addressing the contents of the Environment Management Plan; or
 - (d) ensuring the conditions of this consent are consistent with any National Environmental Standards.

Appendix 1
Coastal Permit 2010.198
Proposed Offshore Disposal Site Plan 11142



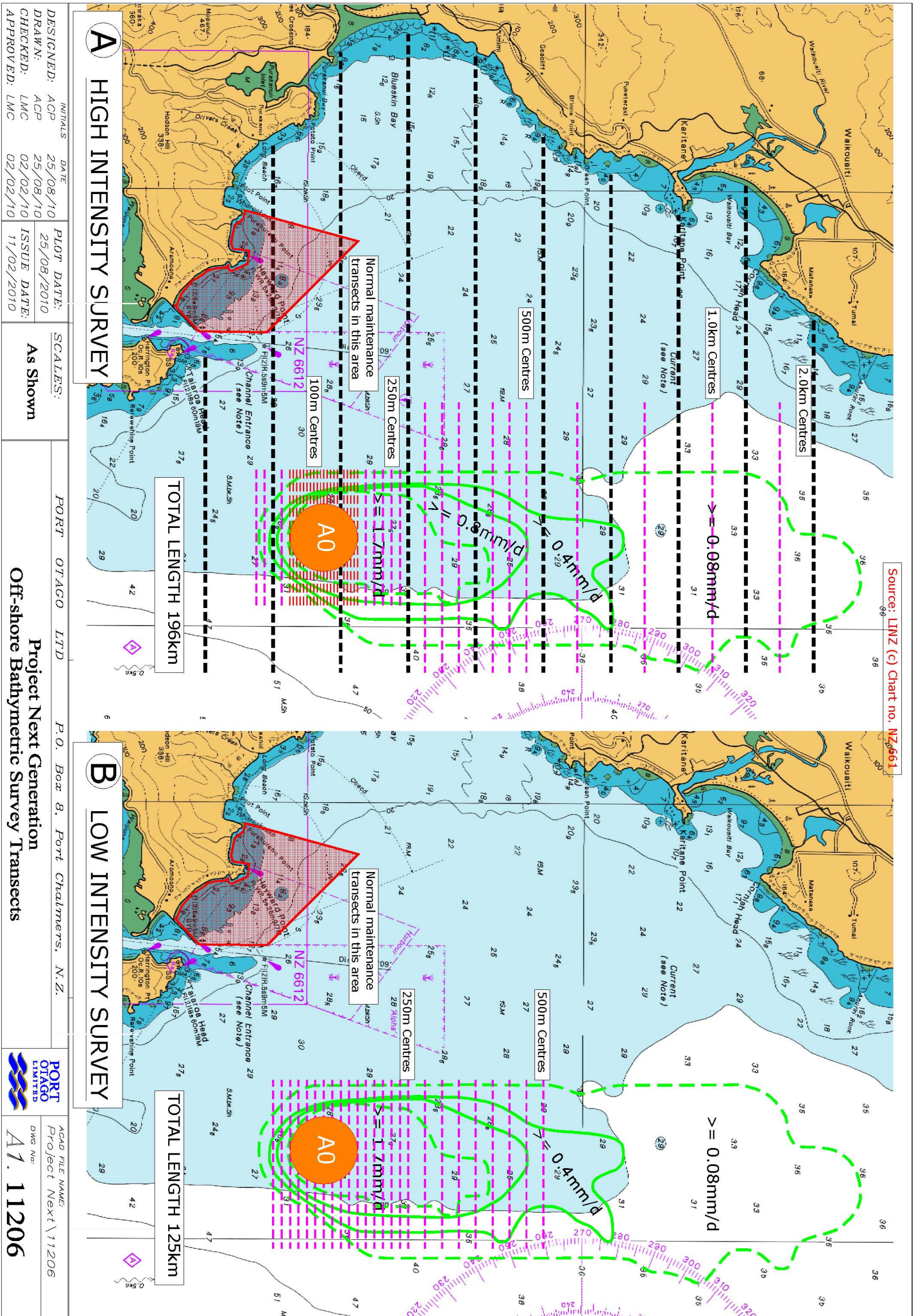
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DESIGNED: ACP	06/10/09	04/05/2010	1:40,000 (A1)
DRAWN: ACP	06/10/09		1:80,000 (A3)
CHECKED: LMC	02/02/10	11/02/2010	
APPROVED: LMC	02/02/10		

Project Next Generation
Proposed Offshore Disposal Site A0

PORT OTAGO LTD
 P.O. Box 8, Port Chalmers, N.Z.

PORT OTAGO LIMITED
 Project Next 11142
 DWG No:
41. 11142

Appendix 2
Coastal Permit 2010.198
Bathymetric Survey Pattern – Off Shore Bathymetry Plan 11206



COASTAL PERMIT

Pursuant to Section 104B of the Resource Management Act 1991, the Otago Regional Council grants consent to:

Name: Port Otago Limited

Address: 15 Beach Street, Port Chalmers, Dunedin

To erect a jetty over the coastal marine area

for the purpose of erecting a new public use fishing jetty

for a term expiring (*insert date - 10 years from date of decision*)

Location of consent activity: Otago Harbour, Boiler Point, approximately 850 metres northeast of the intersection of Beach Street and George Street, Port Chalmers

Legal description: Crown Land Seabed

Map reference: approximate midpoint NZTM 2000 1315550E 5024384N

Chart Reference: approximate midpoint NZ661 & NZ6612 45°48.49'S, 170°37.71'E

Conditions:

Specific

1. This consent shall be exercised together with Coastal Permits RM10.193.01, 2010.200, 2010.202 and 2010.203.
2. If this consent is not given effect to within a period of five years from the date of commencement of this consent, this consent shall lapse under Section 125 of the Resource Management Act 1991.
3. This consent shall be exercised in general accordance with the application for resource consent dated 25 May 2010 including the Assessment of Environmental Effects and all supporting documents, (specifically Chapter 2.0, section 2.2 Project Description – Deepening, Widening and Maintaining Lower Harbour Channel, Swinging Area and Berths and section 2.4 – Project Description – Multipurpose Wharf extension and Fishing Jetty - application document entitled Project Next Generation – Resource Consent Applications and Assessment of Environmental Effects May 2010) and the Environmental Management Plan developed in accordance with Coastal Permit 2010.200. If there is an inconsistency the conditions and terms of this consent shall prevail.
4. The consent holder shall clearly display the assigned Consent Authority permit number 2010.199 on the landward end of the jetty (in public view) within three

weeks of completion of construction. This number shall be displayed on the jetty for the remainder of the consent term once the jetty is constructed.

5. During the construction period the generation of noise as a result of construction activity shall not exceed the New Zealand Construction Noise Standard NZS 6803 (1999).

Performance Monitoring

6. The consent holder shall provide the Consent Authority with written notice of the intention to commence jetty construction, no less than three months before the work commences.
7. The consent holder shall include in the Environmental Management Plan prepared for Coastal Permit 2010.200 the following details for the works authorised by this consent. The Environmental Management Plan shall incorporate industry best practice and include but not be limited to the following:
 - (a) a full set of working plans for the construction of the jetty;
 - (b) a schedule of proposed works;
 - (c) methods to be implemented to minimise the discharges and coastal marine area disturbances as a result of jetty construction; and
 - (d) contingency plans for the accidental spill of contaminants including fuels, oils of cement type products.Any changes to this section of the Environmental Management Plan required by Coastal Permit 2010.200 shall be made after consultation with the Consent Authority and shall be submitted to the Consent Authority prior to those changes being implemented.
8. Within three weeks of completion of construction of the jetty, the consent holder shall submit colour photographs of the structure to the Consent Authority.
9. Within three months of the completion of jetty construction, the consent holder shall submit to the Consent Authority 'as-built' plans and diagrams of the structure.
10. The consent holder shall submit a copy of the Code of Compliance Certificate (issued by the Dunedin City Council) upon completion of the construction of the jetty to the Consent Authority within one month of the certificate being issued.

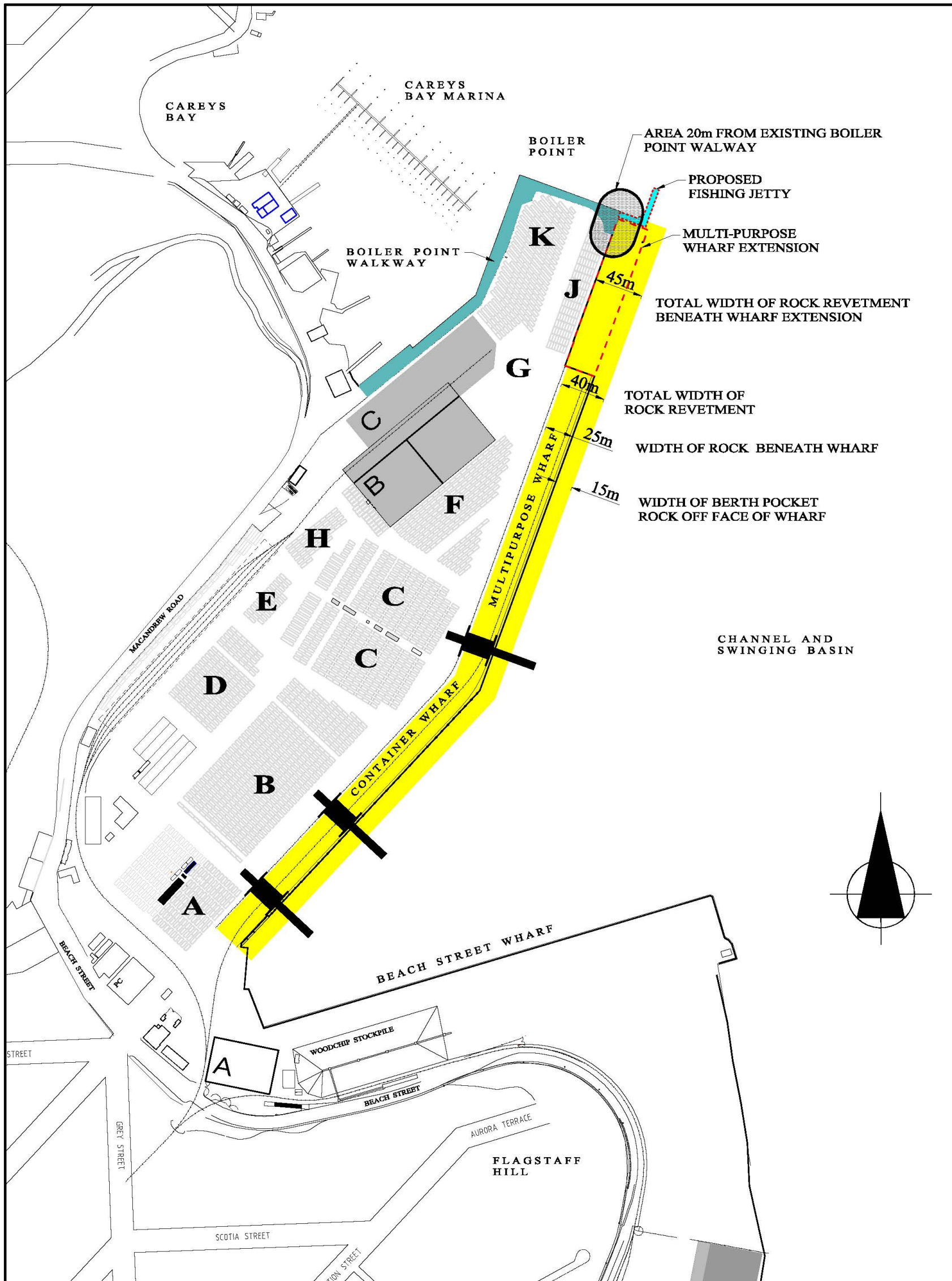
General

11. To the extent practicable, works shall not be carried out within a 20 metre radius of the end of the Boiler Point walkway, identified in Appendix 1, on Public Holidays or the period between 20 December and 10 January of the following year (inclusive).
12. The consent holder shall require all staff or contractors engaged to undertake work authorised by this consent to do so in accordance with the conditions of this consent. A copy of this consent shall be present on site at all times while the work is being undertaken.
13. The consent holder shall ensure that no fuel or oils, enter into the coastal marine area as a result of these works. This shall include the maintenance of machinery at

all times to prevent leakage of fuel or oil into the coastal marine area. In the event of contamination, the consent holder shall instigate remedial action and shall notify the Consent Authority as soon as practicable.

14. During the exercise of this consent, the consent holder shall take all practicable precautions to protect public safety at all times.
15. During the exercise of this consent, the consent holder shall ensure that the effects of the discharge on marine biota are minimised to the extent practicable in accordance with the Environmental Management Plan specified in Coastal Permit 2010.200.
16. All plant, equipment, debris, rubbish and any other material brought on-site shall be removed from the site prior to, or on completion of, the works. The site shall be cleaned to a level that existed prior to commencement of construction.
17. The jetty shall be maintained in a structurally sound and tidy state.
18. The Consent Authority may, in accordance with sections 128 and 129 of the Resource Management Act 1991, serve notice on the consent holder of its intention to review the conditions of this consent within three months of each anniversary of the commencement of this consent for the purpose of:
 - (a) determining whether the conditions of this consent are adequate to deal with any adverse effect on the environment which may arise from the exercise of the consent and which it is appropriate to deal with at a later stage; or
 - (b) addressing the contents of the Environment Management Plan; or
 - (c) ensuring the conditions of this consent are consistent with any National Environmental Standards.

Appendix 1
 Coastal Permit 2010.197
 Location of Multipurpose Wharf Extension, Fishing Jetty and Rock Revetment A1 11250



Port Otago Next Generation -
 Location of Multi-Purpose Wharf Extension,
 Fishing Jetty and Rock Revetment Work

Approx. Scale 1:3000

A3 11250

COASTAL PERMIT

Pursuant to Section 104B of the Resource Management Act 1991, the Otago Regional Council grants consent to:

Name: Port Otago Limited

Address: 15 Beach Street, Port Chalmers, Dunedin

To erect a wharf over the coastal marine area

for the purpose of extending the Port Chalmers multipurpose wharf

for a term expiring (*date to be inserted - 10 years from date of decision*)

Location of consent activity: Otago Harbour, located between the Port Chalmers container wharf and Boiler Point approximately 750 metres northeast of the intersection of Beach Street and George Street, Port Chalmers

Legal description: Crown Land Seabed

Map reference: approximate midpoint NZTM 2000 1315551E 5024284N

Chart Reference: approximate midpoint NZ661 & NZ6612 45°48.55'S, 170°37.68'E

Conditions: Specific

1. This consent shall be exercised together with Coastal Permits 2010.011, 2010.197, 2010.202 and 2010.203.
2. If this consent is not given effect to within a period of five years from the date of commencement of this consent, this consent shall lapse under Section 125 of the Resource Management Act 1991.
3. This consent shall be exercised in general accordance with the application for resource consent dated 25 May 2010 including the Assessment of Environmental Effects and all supporting documents, (specifically Chapter 2.0, section 2.2 Project Description – Deepening, Widening and Maintaining Lower Harbour Channel, Swinging Area and Berths and section 2.4 – Project Description – Multipurpose Wharf extension and Fishing Jetty - application document entitled Project Next Generation – Resource Consent Applications and Assessment of Environmental Effects May 2010) and the Environmental Management Plan developed in accordance with condition 5 of this consent. If there is an inconsistency the conditions and terms of this consent shall prevail.

4. During the construction period the generation of noise as a result of construction activity shall not exceed the New Zealand Construction Noise Standard NZS 6803 (1999).

Performance Monitoring

5. A minimum of three months prior to the commencement of works authorised by Coastal Permits 2010.197, 2010.199, 2010.202, 2010.203 and 2010.205, the consent holder shall have prepared in consultation with the Consent Authority and submitted to the Consent Authority an Environmental Management Plan for the extension of the multipurpose wharf, rock revetment/buttress and fishing jetty works authorised by the above specified consents. The Environmental Management Plan shall incorporate industry best practice and include but not be limited to, the following:

- (a) a list of key personnel and points of contact;
- (b) a description of the proposed works;
- (c) a description of the staging plan for the proposed works which will identify each specific activity and proposed duration of each stage;
- (d) a description of the expected construction and development methodology;
- (e) a summary and timetable of all reporting required under this consent, Coastal Permits 2010.197, 2010.199, 2010.202, 2010.203 and 2010.205 and the Environmental Management Plan and the relevant periods that they cover;
- (f) a description of what actions will be taken to adaptively manage the actual or potential effects of consented activities (including relating to noise, contamination, water quality, aquatic communities) to satisfy consent conditions;
- (g) contingency measures for the accidental spill of contaminants into the coastal marine areas including fuels, oils and cement products;
- (h) the allocation of responsibility for updating the plan should future amendments be required; and
- (i) any items required by Coastal Permits 2010.197, 2010.199, 2010.202, 2010.203 and RM10.193.01 to be included in this Environmental Management Plan.

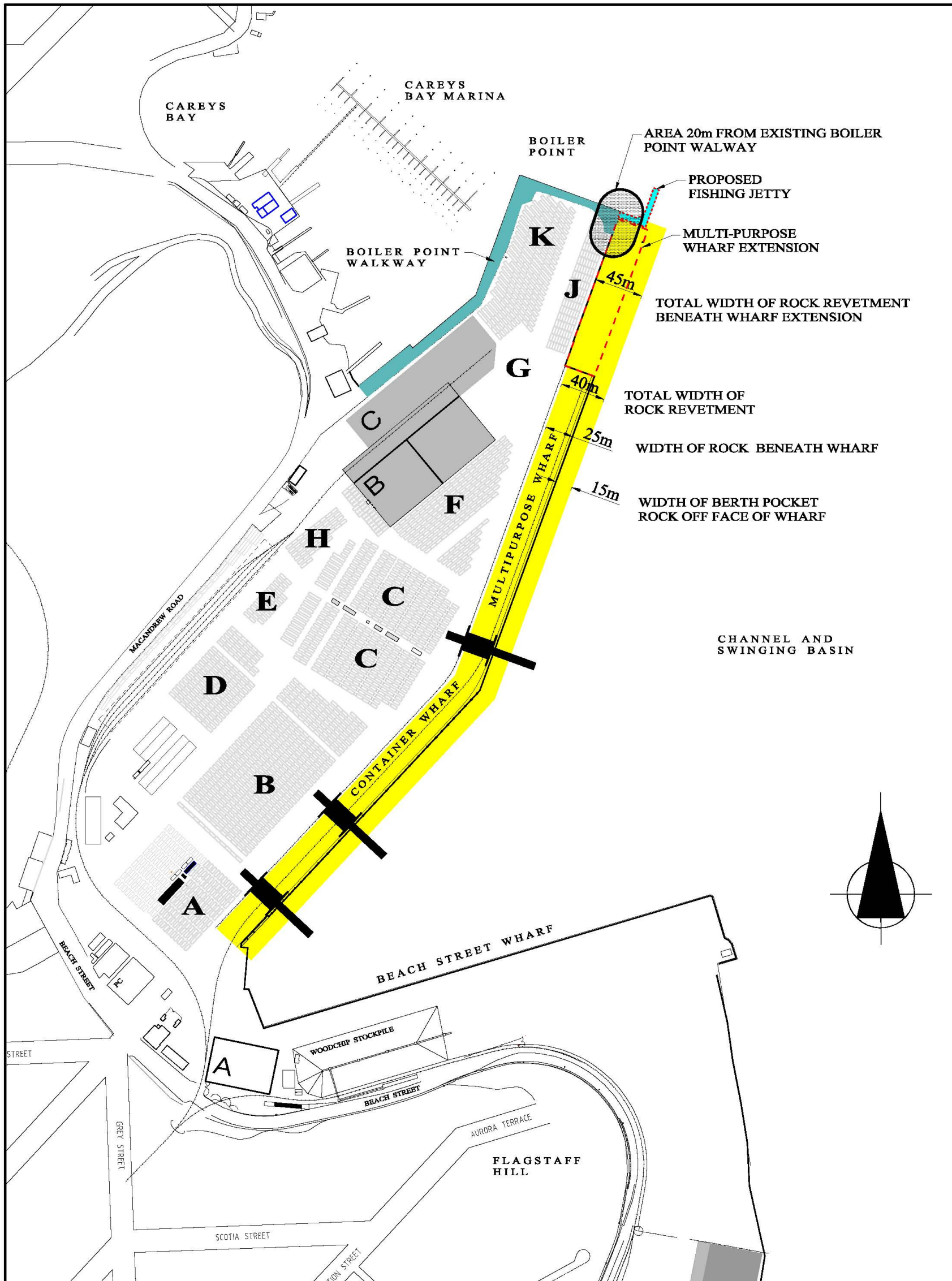
Any changes to the Environmental Management Plan shall be made after consultation with the Consent Authority and shall be submitted to the Consent Authority prior to those changes being implemented.

6. The consent holder shall provide the Consent Authority with written notice of the intention to commence construction of the wharf extension, no less than three months before the work commences.
7. Within three weeks of completion of the wharf extension, the consent holder shall submit colour photographs of the structure to the Consent Authority.
8. Within three months of the completion of wharf construction, the consent holder shall submit to the Consent Authority 'as-built' plans and diagrams of the structure.
9. The consent holder shall submit a copy of the Code of Compliance Certificate (issued by the Dunedin City Council) upon completion of the construction of the wharf extension to the Consent Authority within one month of the certificate being issued.

General

10. To the extent practicable works shall not be carried out within a 20 metre radius of the end of the Boiler Point walkway identified in Appendix 1 on Public Holidays or the period between 20 December and 10 January of the following year (inclusive).
11. The consent holder shall require all staff or contractors engaged to undertake work authorised by this consent to do so in accordance with the conditions of this consent. A copy of this consent shall be present on site at all times while the work is being undertaken.
12. The consent holder shall ensure that no fuel or oils, enter into the coastal marine area as a result of these works. This shall include the maintenance of machinery at all times to prevent leakage of fuel or oil into the coastal marine area. In the event of contamination, the consent holder shall instigate remedial action and shall notify the Consent Authority as soon as practicable.
13. During the exercise of this consent, the consent holder shall take all practicable precautions to protect public safety at all times.
14. During the exercise of this consent, the consent holder shall ensure that the effects of the wharf construction on marine biota are minimised to the extent practicable in accordance with the Environmental Management Plan specified in condition 5 of this Coastal Permit.
15. All plant, equipment, debris, rubbish and any other material brought on-site shall be removed from the site prior to, or on completion of, the works. The site shall be cleaned to a level that existed prior to commencement of construction.
16. The wharf shall be maintained in a structurally sound and tidy state.
17. The Consent Authority may, in accordance with sections 128 and 129 of the Resource Management Act 1991, serve notice on the consent holder of its intention to review the conditions of this consent within three months of each anniversary of the commencement of this consent for the purpose of:
 - (a) determining whether the conditions of this consent are adequate to deal with any adverse effect on the environment which may arise from the exercise of the consent and which it is appropriate to deal with at a later stage; or
 - (b) addressing the contents of the Environment Management Plan; or
 - (c) ensuring the conditions of this consent are consistent with any National Environmental Standards.

Appendix 1
 Coastal Permit 2010.200
 Location of Multipurpose Wharf Extension, Fishing Jetty and Rock Revetment A1 11250



Port Otago Next Generation -
 Location of Multi-Purpose Wharf Extension,
 Fishing Jetty and Rock Revetment Work

Approx. Scale 1:3000

A3 11250

COASTAL PERMIT

Pursuant to Section 104B of the Resource Management Act 1991, the Otago Regional Council grants consent to:

Name: Port Otago Limited

Address: 15 Beach Street, Port Chalmers, Dunedin

To disturb the foreshore and seabed

for the purpose of constructing the fishing jetty and extending the Port Chalmers multipurpose wharf

for a term expiring (*insert date – 10 years from date of decision*)

Location of consent activity: *Multipurpose wharf:* Otago Harbour, located between the Port Chalmers container wharf and Boiler Point approximately 750 metres northeast of the intersection of Beach Street and George Street, Port Chalmers

Fishing Jetty: Otago Harbour, located on Boiler Point, approximately 850 metres northeast of the intersection of Beach Street and George Street, Port Chalmers

Legal description: Crown Land Seabed, Bed of Otago Harbour DP 3904

Map reference: *Multipurpose wharf:* approximate midpoint NZTM 2000 1315551E
5024284N

Fishing Jetty: approximate midpoint NZTM 2000 1315550E
5024384N

Chart Reference: *Multipurpose wharf:* approximate midpoint NZ661 & NZ6612
45°48.55'S, 170°37.68'E

Fishing Jetty: approximate midpoint NZ661 & NZ6612 45°48.49'S,
170°37.71'E

Conditions: Specific

1. This consent shall be exercised together with Coastal Permits 2010.011, 2010.197, 2010.199, 2010.200, 2010.203 and RM10.193.01.
2. If this consent is not given effect to within a period of five years from the date of commencement of this consent, this consent shall lapse under Section 125 of the Resource Management Act 1991.

3. This consent shall be exercised in general accordance with the application for resource consent dated 25 May 2010 including the Assessment of Environmental Effects and all supporting documents, (specifically Chapter 2.0, section 2.2 Project Description – Deepening, Widening and Maintaining Lower Harbour Channel, Swinging Area and Berths and section 2.4 – Project Description – Multipurpose Wharf extension and Fishing Jetty - application document entitled Project Next Generation – Resource Consent Applications and Assessment of Environmental Effects May 2010) and the Environmental Management Plan developed in accordance with condition 5 of Coastal Permit 2010.200. If there is an inconsistency the conditions and terms of this consent shall prevail.
4. The consent holder shall ensure that all machinery associated within the disturbance is operated in accordance with the Environmental Management Plan specified in Condition 5 of Coastal Permit 2010.200.
5. The generation of noise as a result of construction activity shall not exceed the New Zealand Construction Noise Standard NZS 6803 (1999).

Performance Monitoring

6. The consent holder shall include in the Environmental Management Plan prepared for Coastal Permit 2010.200 the following details for the works authorised by this consent. The disturbance component of the Environmental Management Plan shall incorporate industry best practice and include but not be limited to the following:
 - (a) a description of how the disturbance occurs;
 - (b) methods to be implemented to minimise the disturbance and associated plumes of sediment laden water;Any changes to the Environmental Management Plan shall be made after consultation with the Consent Authority and shall be submitted to the Consent Authority prior to those changes being implemented.

General

7. For the purpose of this consent pile driving activity shall only take place Monday to Friday between the hours of 7:00 am and 7:00 pm.
8. To the extent practicable works shall not be carried out within a 20 metre radius of the end of the Boiler Point walkway identified in Appendix 1 on Public Holidays or the period between the 20 December and 10 January the following year (inclusive).
9. The consent holder shall require all staff or contractors engaged to undertake work authorised by this consent to do so in accordance with the conditions of this consent. A copy of this consent shall be present on site at all times while the work is being undertaken.
10. The consent holder shall ensure that the disturbance of the coastal marine area associated with the works shall be restricted to that area necessary to do the work.
11. During the exercise of this consent, the consent holder shall take all practicable precautions to protect public safety at all times.

12. During the exercise of this consent, the consent holder shall ensure that the effects of the activities on marine biota are minimised to the extent practicable in accordance with the Environmental Management Plan on Coastal Permit 2010.200.
13. The Consent Holder shall ensure that no fuel or oils enter into the coastal marine area as a result of these works. This shall include the maintenance of machinery at all times to prevent leakage of fuel or oil into the coastal marine area. In the event of contamination, the consent holder shall instigate remedial action and shall notify the Consent Authority as soon as practicable.

14. If the Consent Holder:

- (a) Discovers koiwi tangata (human skeletal remains), or Maori artefact material, the Consent Holder shall without delay:
 - (i) Notify the Tangata whenua and New Zealand Historic Places Trust and in the case of skeletal remains, the New Zealand Police.
 - (ii) Stop work within the immediate vicinity of the discovery to allow a site inspection by the New Zealand Historic Places Trust and the appropriate runanga and their advisors, who shall determine whether the discovery is likely to be extensive; if a thorough site investigation is required and whether an Archaeological Authority is required.
 - (iii) Any koiwi tangata discovered shall be handled and removed by tribal elders responsible for the tikanga (custom) appropriate to its removal or preservation.

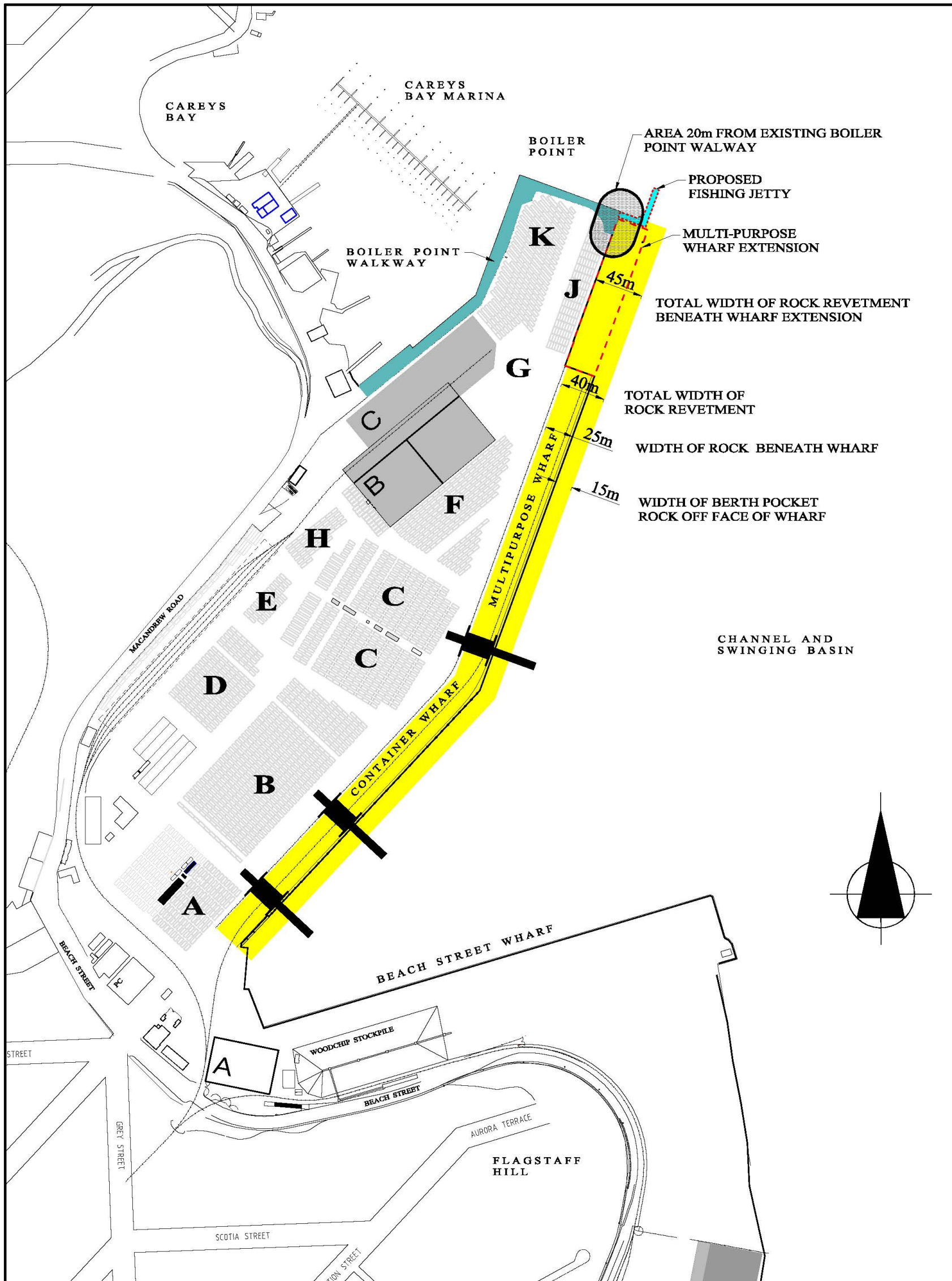
Site work shall recommence following consultation with the Consent Authority, the New Zealand Historic Places Trust, Tangata whenua, and in the case of skeletal remains, the NZ Police, provided that any relevant statutory permissions have been obtained.

- (b) Discovers any feature or archaeological material that predates 1900, or heritage material, or disturbs a previously unidentified archaeological or heritage site, the Consent Holder shall without delay:
 - (i) Stop work within the immediate vicinity of the discovery or disturbance; and
 - (ii) Advise the New Zealand Historic Places Trust, and in the case of Maori features or materials, the Tangata whenua, and if required, shall make an application for an Archaeological Authority pursuant to the Historic Places Act 1993; and
 - (iii) Arrange for a suitably qualified archaeologist to undertake a survey of the site.

Site work shall recommence following consultation with the Consent Authority.

15. The Consent Authority may, in accordance with sections 128 and 129 of the Resource Management Act 1991, serve notice on the consent holder of its intention to review the conditions of this consent within three months of each anniversary of the commencement of this consent for the purpose of:
 - (a) determining whether the conditions of this consent are adequate to deal with any adverse effect on the environment which may arise from the exercise of the consent and which it is appropriate to deal with at a later stage; or
 - (b) addressing the contents of the Environment Management Plan; or
 - (c) ensuring the conditions of this consent are consistent with any National Environmental Standards.

Appendix 1
 Coastal Permit 2010.202
 Location of Multipurpose Wharf Extension, Fishing Jetty and Rock Revetment A1 11250



Port Otago Next Generation -
 Location of Multi-Purpose Wharf Extension,
 Fishing Jetty and Rock Revetment Work

Approx. Scale 1:3000

A3 11250

COASTAL PERMIT

Pursuant to Section 104B of the Resource Management Act 1991, the Otago Regional Council grants consent to:

Name: Port Otago Limited

Address: 15 Beach Street, Port Chalmers, Dunedin

To discharge contaminants to the coastal marine area

for the purpose of depositing rock rip rap, extending the Port Chalmers multipurpose wharf and constructing a fishing jetty

for a term expiring (*insert date -10 years from date of decision*)

Location of consent activity: *Multipurpose wharf:* Otago Harbour, located between the Port Chalmers container wharf and Boiler Point approximately 750 m northeast of the intersection of Beach Street and George Street, Port Chalmers
Fishing Jetty: Otago Harbour, located on Boiler Point, approximately 850 m northeast of the intersection of Beach Street and George Street, Port Chalmers

Legal description: Crown Land Seabed, Bed of Otago Harbour DP 3904

Map reference: *Multipurpose wharf:* approximate midpoint NZTM 2000 1315551E
5024284N
Fishing Jetty: approximate midpoint NZTM 2000 1315550E
5024384N

Chart Reference: *Multipurpose wharf:* approximate midpoint NZ661 & NZ6612
5°48.55'S, 170°37.68'E
Fishing Jetty: approximate midpoint NZ661 & NZ6612
45°48.49'S, 170°37.71'E

Conditions: Specific

1. This consent shall be exercised together with Coastal Permit 2010.197, 2010.199, 2010.200, 2010.202 and RM10.193.01.
2. If this consent is not given effect to within a period of five years from the date of commencement of this consent, this consent shall lapse under Section 125 of the Resource Management Act 1991.

3. This consent shall be exercised in general accordance with the application for resource consent dated 25 May 2010 including the Assessment of Environmental Effects and all supporting documents, (specifically Chapter 2.0, section 2.2 Project Description – Deepening, Widening and Maintaining Lower Harbour Channel, Swinging Area and Berths and section 2.4 – Project Description – Multipurpose Wharf extension and Fishing Jetty - application document entitled Project Next Generation – Resource Consent Applications and Assessment of Environmental Effects May 2010) and the Environmental Management Plan developed in accordance with condition 5 of Coastal Permit 2010.200. If there is an inconsistency the conditions and terms of this consent shall prevail.

Performance Monitoring

4. The consent holder shall include in the Environmental Management Plan prepared for Coastal Permit 2010.200 the following details for the works authorised by this consent. The discharge component of the Environmental Management Plan shall incorporate industry best practice and include but not be limited to the following:
 - (a) a description of how the discharge occurs;
 - (b) methods to be implemented to minimise the discharge and associated plumes of sediment laden water;
 - (c) contingency plans for the accidental spill of contaminants into the coastal marine area including fuels and oils;Any changes to the Environmental Management Plan shall be made after consultation with the Consent Authority and shall be submitted to the Consent Authority prior to those changes being implemented.

General

5. The consent holder shall require all staff or contractors engaged to undertake work authorised by this consent to do so in accordance with the conditions of this consent. A copy of this consent shall be present on site at all times while the work is being undertaken.
6. During the exercise of this consent, the consent holder shall take all practicable precautions to protect public safety at all times.
7. During the exercise of this consent, the consent holder shall ensure that the effects of the discharge on marine biota are minimised to the extent practicable in accordance with the Environmental Management Plan required by Coastal Permit 2010.200.
8. The Consent Authority may, in accordance with sections 128 and 129 of the Resource Management Act 1991, serve notice on the consent holder of its intention to review the conditions of this consent within three months of each anniversary of the commencement of this consent for the purpose of:
 - (a) determining whether the conditions of this consent are adequate to deal with any adverse effect on the environment which may arise from the exercise of the consent and which it is appropriate to deal with at a later stage;
 - (b) addressing the contents of the Environment Management Plan; or
 - (c) ensuring the conditions of this consent are consistent with any National Environmental Standards.

DRAFT

COASTAL PERMIT

Pursuant to Section 104B of the Resource Management Act 1991, the Otago Regional Council grants consent to:

Name: Port Otago Limited

Address: 15 Beach Street, Port Chalmers, Dunedin

To occupy the coastal marine area

for the purpose of providing a fishing jetty for public use

for a term expiring (*to be inserted 35 years from issue of decision*)

Location of consent activity: Otago Harbour, Boiler Point approximately 850 metres northeast of the intersection of Beach Street and George Street, Port Chalmers

Legal description: Crown Land Seabed

Map reference: approximate midpoint NZTM 2000 1315550E 5024384N

Chart Reference: approximate midpoint NZ661 & NZ6612 45°48.49'S, 170°37.71'E

Conditions:

Specific

1. The occupation of the Coastal Marine Area at Boiler Point shall be limited to the area identified in Appendix 1 to this consent.
2. The consent holder shall ensure that once erected in the coastal marine area the Coastal Permit number RM10.193.01 is clearly displayed on the fishing jetty.
3. The consent holder shall provide for continued access to the coastal marine area at Boiler Point by way of the existing walkways around the perimeter of Boiler Point to access the fishing jetty.

General

4. The consent holder shall pay any Consent Authority's administrative fee or coastal occupation charges as set by the Consent Authority.
5. The Consent Authority may, in accordance with sections 128 and 129 of the Resource Management Act 1991, serve notice on the consent holder of its intention to review the conditions of this consent within three months of each anniversary of the commencement of this consent for the purpose of:

- (a) determining whether the conditions of this consent are adequate to deal with any adverse effect on the environment which may arise from the exercise of the consent and which it is appropriate to deal with at a later stage;
- (b) ensuring the conditions of this consent are consistent with any National Environmental Standards.

Notes to Consent Holder

1. *If you require a replacement permit upon the expiry date of this permit, any new application should be lodged at least 6 months prior to the expiry date of this permit. Applying at least 6 months before the expiry date may enable you to continue to exercise this consent until a decision is made, and any appeals are resolved, on the replacement application.*

DRAFT