



MINISTER FOR LANDS, PLANNING AND THE ENVIRONMENT

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Mr David Meehan
Government and Land Access Coordinator
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PERTH WA 6000

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Dear Mr Meehan

NT PORTIONS 6510, 7002 AND 7168 (144) WICKHAM POINT ROAD, HUNDRED OF AYERS

Please find attached variation permit DP12/0297B, issued to Ichthys LNG Pty Ltd (ABN 42 150 217 299) for the purpose of enlarging the seawater intake pit.

If you have any queries in relation to the attached Development Permit, please contact the Director of Development Assessment Services, Doug Lesh on telephone (08) 8999 7937.

Yours sincerely



PETER GLEN CHANDLER
Minister for Lands, Planning and the Environment

27/3/2013

NORTHERN TERRITORY OF AUSTRALIA

Planning Act - Section 57(3)

VARIATION OF CONDITIONS

DP12/0297B

DESCRIPTION OF LAND THE SUBJECT OF THE PERMIT

N.T. Portion 06510
N.T. Portion 07002
N.T. Portion 07168

DARWIN HARBOUR
144 WICKHAM POINT RD, WICKHAM
EAST ARM

VARIATION

Consent is granted to vary Condition 10 of Development Permit DP12/0297A for the purpose of enlarging the seawater intake pit as part of the dredging works for the shipping channel, turning basins and berths, in accordance with drawing numbered 2012/0147/1B, endorsed as forming part of this permit.

In all other respects Development Permit DP12/0297 and its subsequent variations remain unchanged.

BASE PERIOD OF THE PERMIT

This permit does not extend the base period of the original permit.



PETER GLEN CHANDLER
MINISTER FOR LANDS PLANNING AND THE ENVIRONMENT

27 / 3 / 2013

SCHEDULE OF CONDITIONS

DP12/0297B

1. Prior to the commencement of works a Dredging and Spoil Disposal Management Plan (DSDMP) must be submitted to and approved by the consent authority on the advice of the Northern Territory Environment Protection Authority (NTEPA), and an endorsed copy of the DSDMP will form part of this permit.
2. The DSDMP required under condition 1 must as a minimum:
 - (a) ensure compliance with relevant legislation (both NT and Commonwealth);
 - (b) address the recommendations relating to dredging (3, 5, 6, 7, 8, 10, 11, 13 and 24) of Assessment Report 65;
 - (c) include an ecological monitoring program to detect impacts on significant biological communities associated with dredging and dredge spoil disposal and a reactive monitoring program to respond to dredging and spoil disposal impacts on significant communities;
 - (d) describe reporting systems for incidents resulting in non-compliance with this approval; and
 - (e) describe environmental auditing systems to ensure that the permit holder complies with the procedures and guidelines outlined in the DSDMP.
3. Prior to the commencement of works the permit holder must provide a Communications Strategy to effectively inform the public of activities to be undertaken as part of this permit including:
 - (a) how environmental impacts are being managed and mitigated; and
 - (b) how the permit holder's dredging related marine traffic is being managed and risks mitigated within the Port of Darwin;to be approved by the consent authority on the advice of the Department of the Chief Minister.
4. Prior to the commencement of works, the permit holder must provide to the Department of Transport:
 - (a) the results of a hydrographic survey of the dredge spoil disposal site and the immediately adjacent area covering 500 metres from the boundary of the entire dredge spoil disposal site;
 - (b) confirmatory coordinates of the designated dredge spoil disposal site;
 - (c) coordinates and details of any navigational markers deployed to delineate the extent and limits of the dredge spoil disposal site; and
 - (d) sufficient detail of (a), (b) and (c) above to Darwin Port Corporation and the Marine Safety Branch of the Department of Transport to enable Notices to Mariners and Hydrographic Chart corrections to be published by the Australian Hydrographic Office for the information of mariners.
5. Prior to the commencement of works the permit holder must provide an Oil Spill Contingency Plan (OSCP) demonstrating the response preparedness of the permit holder for any oil spills, including the capacity to respond to a spill within, and mitigate the environmental impacts on, Northern Territory Waters (including Darwin Harbour). The OSCP must demonstrate how the permit holder will ensure that the plans and activities of its contractors and sub-contractors will be overseen and audited to ensure compliance with the requirements of the OSCP and relevant legislation. The OSCP is to be to the requirements of the Marine Safety Branch of the Department of Transport, to the satisfaction of the consent authority.
6. Prior to the commencement of works the permit holder must provide a Marine Transport Management Plan (MTMP) setting out an all encompassing plan for the permit holder's dredging related marine traffic within the Port of Darwin. The Marine Transport Management Plan is to

be to the requirements of the Harbourmaster and the Darwin Port Corporation, to the satisfaction of the consent authority.

7. Prior to the commencement of works upon NT Portion 6510 the permit holder must obtain approval from Heritage Conservation Services, Department of Lands, Planning and the Environment.
8. The permit holder must provide an Emergency Management Plan in relation to activities under this permit. The plan must include reporting procedures and organisational responsibilities in the event of incidents, contingency measures to minimise risks to human safety and the environment, specification of adequate emergency response resources to be held on ship and at berth and a communication strategy to ensure effective and efficient liaison among emergency response teams and the management of stakeholder and public relations. The Emergency Management Plan must be to the requirements of the Department of the Chief Minister, to the satisfaction of the consent authority.
9. If at any time the Chief Executive of the Department of Lands, Planning and the Environment requests it to do so, the permit holder must as soon as reasonably practicable after the request, provide a written report on any incident in connection with the permit holder's activities under this permit containing such information as the Chief Executive reasonably requests.
10. Works carried out under this permit shall be in accordance with the drawings numbered 2012/0147/1 through 2012/0147/2, 2012/0147/3 and 2012/0147/1B endorsed as forming part of this permit.
11. All works upon NT Portion 6510 must comply with any conditions imposed in any approval given by Heritage Conservation Services, Department Lands, Planning and the Environment.
12. All works relating to this permit are to be undertaken in accordance with the approved DSDMP (as amended from time to time and endorsed by NTEPA) to the satisfaction of the consent authority on the advice of NTEPA.
13. During the conduct of the works under this permit the permit holder must conduct:
 - (a) monthly hydrographic surveys of any area within the dredge spoil disposal site where dumping has occurred in the previous month and the immediately adjacent area covering 200 metres from the boundary of that area; and
 - (b) 6 monthly hydrographic surveys of the entire dredge spoil disposal site and the immediately adjacent area covering 500 metres from the boundary of the entire dredge spoil disposal site; to monitor for changes in water depth, and must provide the results of hydrographic surveys to the Department of Transport and the Darwin Port Corporation.
14. Upon completion of the works under this permit, the permit holder must conduct a final hydrographic survey of the dredge spoil disposal site and immediately adjacent area covering 500 metres from the boundary of the entire dredge spoil disposal site and must provide the results of hydrographic surveys to the Department of Transport and the Darwin Port Corporation.
15. The permit holder must comply with the Communications Strategy approved under condition 3 of this permit.
16. If the drill and blast contingency option is required for the removal of Walker Shoal, prior to the commencement of works relating to the drill and blast contingency:

(a) a management plan including measures to protect coastal dolphins, dugongs and turtles must be submitted to and approved by the consent authority on the advice of NTEPA; and
(b) the Communications Strategy required under condition 3 must be amended to take account of the drill and blast contingency, such amendment to be approved by the consent authority on the advice of the Department of the Chief Minister.

17. The permit holder shall make available to the public on a dedicated company website a copy of this permit and all management and monitoring plans required in conditions 1, 6 and 16(a) of this permit. The permit holder shall advise the Chief Executive of NTEPA, and the Chief Executive of Department of Lands, Planning and the Environment within 1 week after commencement of the works of the website address for the aforementioned documents.

18. The Permit Holder shall make a copy of this Permit together with all documents referred to in this Permit readily available at all times to the person(s) in charge of the dredging and spoil disposal operation(s) and ensure that such person(s) fully understand(s) all conditions and all requirements incorporated by the Permit, to the satisfaction of the consent authority.

19. The permit holder shall ensure that all works carried out under this permit are carried out in accordance with any Environment Protection Approval relating to the works.


20. Prior to the commencement of works associated with the seawater intake pit, an addendum to the Dredging and Dredge Spoil Environmental Management Plan is to be submitted to and approved by the consent authority on the advice of the Northern Territory Environment Protection Authority, and a copy of the addendum will form part of this permit.

NOTES

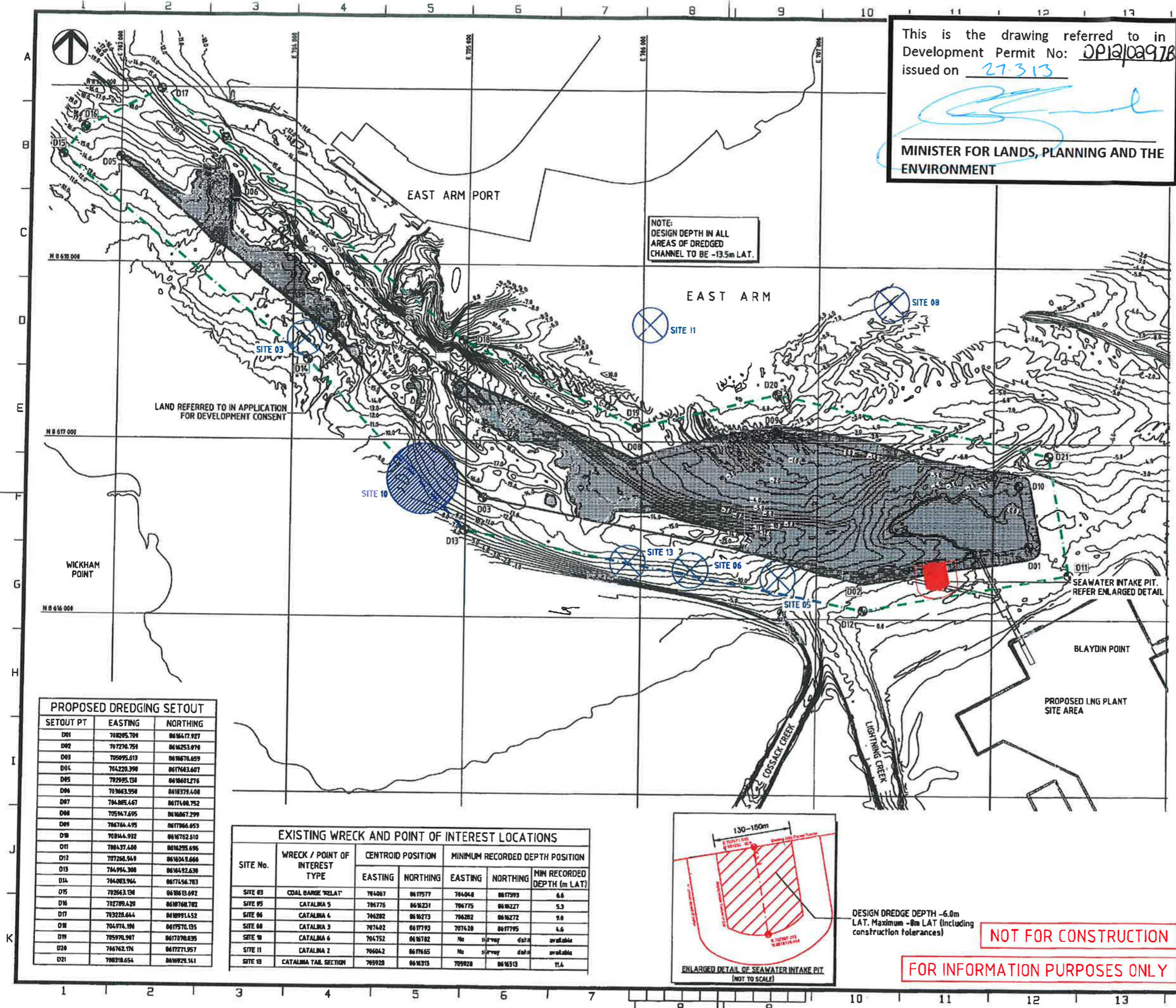
1. Power and Water Corporation (PAWC) advises it has a number of critical 66kV under-sea cables within the Darwin Harbour. The permit holder shall be responsible for taking appropriate actions to correctly identify and sufficiently protect the cables from any potential risk of displacement or damage during dredging operations. PAWC's contact person for the cables is Michael Chan, Chief Engineer Planning and Development telephone 0411 514 895.
2. The Department of Primary Industries and Fisheries advise that under the Northern Territory Fisheries Act:
(a) a permit must be obtained to 'cause shock, sound or other vibration' and 'directly or indirectly introduce or displace substances in or into waters of the Territory that may impact on fish or aquatic life or their habitats', under Section 16 of the Act to undertake the proposed works; and
(b) a special permit under Section 17 of the Act in order to collect fish and aquatic life for the purposes of monitoring impacts of dredging activities will be required.
3. The permit holder is advised that the works are to comply with the Heritage Conservation Act, or any replacement thereof. The permit holder is advised that it is an offence to disturb or destroy prescribed archaeological places without consent under the Heritage Conservation Act, or any replacement thereof.
4. The permit holder is advised that an Environment Protection Approval from NTEPA under the Waste Management and Pollution Control Act must be obtained prior to commencement of work.

5. NTEPA advises that it may require comments from the Ichthys Project Dredging Expert Panel before preparing its advice to the consent authority in relation to the DSDMP or any management plans relating to the drill and blast contingency.

This is the drawing referred to in Development Permit No: DP12/02978 issued on 27.3.13

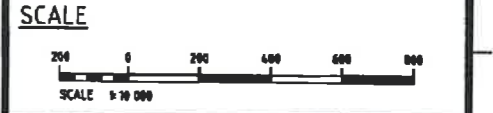
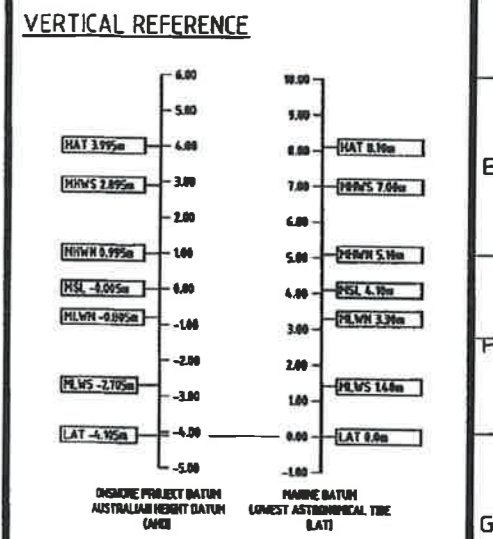


MINISTER FOR LANDS, PLANNING AND THE ENVIRONMENT



- ### LEGEND
- Dxx DREDGING SETOUT POINT
 - [Hatched Area] DENOTES AREA TO BE DREDGED (ABOVE -13.5m LAT)
 - [Crossed Circle] EXISTING WRECK OR POINT OF INTEREST LOCATION 100m RADIUS CONTROL ZONE (PROJECT REDUCTION)
 - [Blue Hatched Circle] DENOTES LAND SUBJECT TO INTERIM CONSERVATION ORDER (200m RADIUS CONTROL ZONE) (SEZ NT GOV GAZ No. 511 OF 3 MARCH 2010 - NOTICE 1/10)
 - [Dashed Green Line] DENOTES LAND REFERRED TO IN APPLICATION FOR DEVELOPMENT CONSENT

- ### NOTES
- ALL DIMENSIONS IN METRES U.M.B.
 - ALL LEVELS ARE METRES BELOW LOWEST ASTRONOMICAL TIDE (m LAT).
 - ALL COORDINATES ARE TO MAP GRID OF AUSTRALIA ZONE 52.
 - DESIGN DREDGING LEVEL DOES NOT INCLUDE OPERATIONAL ALLOWANCE.
 - BATTER SLOPES SHOWN ARE SUBJECT TO REVIEW BY DREDGING CONTRACTOR.
 - SEAWATER INTAKE BATTERS WILL NOT BE TRENCH BY THE DREDGE. SLOPES WILL FORM THEIR NATURAL ANGLE OF REPOSE.



PROPOSED DREDGING SETOUT

SETOUT PT	EASTING	NORTHING
D01	788295.709	8616417.927
D02	797279.759	8616253.079
D03	795095.613	8616676.659
D04	784220.390	8617643.407
D05	782995.138	8616601.276
D06	783663.958	8618379.408
D07	784868.447	8617408.752
D08	795947.695	8616867.299
D09	786764.495	8617966.853
D10	788444.932	8616762.510
D11	788437.480	8616295.696
D12	787268.949	8616049.666
D13	784994.300	8616492.630
D14	784083.964	8617656.783
D15	782643.130	8618613.692
D16	782789.420	8618768.782
D17	783228.644	8618991.152
D18	784974.190	8618750.135
D19	785978.947	8617970.835
D20	786762.176	8617271.957
D21	788318.654	8616929.141

EXISTING WRECK AND POINT OF INTEREST LOCATIONS

SITE No.	WRECK / POINT OF INTEREST TYPE	CENTROID POSITION		MINIMUM RECORDED DEPTH POSITION		MIN RECORDED DEPTH (m LAT)
		EASTING	NORTHING	EASTING	NORTHING	
SITE 03	COAL BARGE 'RELAT'	784067	8617577	784068	8617593	6.6
SITE 05	CATALINA 5	796775	8616231	796775	8616227	5.3
SITE 06	CATALINA 4	786282	8616273	786282	8616272	9.0
SITE 08	CATALINA 3	787402	8617193	787420	8617195	6.6
SITE 09	CATALINA 6	784752	8616782	No survey data available		
SITE 11	CATALINA 2	786042	8617665	No survey data available		
SITE 13	CATALINA TAIL SECTION	789928	8618313	789928	8618313	11.4



FOR INFORMATION PURPOSES ONLY

INPEX
Ichthys PROJECT

ICHTHYS ONSHORE LNG FACILITIES
Level 22/100 St Georges Terrace Perth Western Australia 6000

DRAWING TITLE
DREDGING WORKS DARWIN HARBOUR
Layout of Shipping Channel Turning Basin and Berth Area for Development Consent Application

SHEET 1 OF 1 SCALE 1:10,000

Prepared By
Baggerman Associates

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2012/0147/18