

Nelson's Defence Support Capabilities

Presenting the compelling case for Navy maintenance and related activities to be undertaken in Nelson's Port Precinct – to complement existing activities based at the Devonport Naval Base, and support growth and resilience across the defence portfolio.



**NELSON
REGIONAL
DEVELOPMENT
AGENCY**


Nelson City Council
Te Kaunihera o **Whakatū**



SKIPPER TRAINING NZ
- PRACTICAL MARITIME TRAINING -


KERNOHAN

**PORT
NELSON**

JULY 2026



Aerial view of the Calwell Marine Maintenance Facility. Credit: Tim Cuff

Version history

V1. 29 April

V2. 28 May, minor updates

V3. 27 July, minor content expansion

Cover image: 550 T Boat Hoist in operation in Port Nelson

Nelson's Defence Support Capabilities

Nelson offers a diverse ecosystem and a deep history in providing marine services, marine engineering and marine innovation to the region's fishing, aquaculture, and innovative Blue Economy activities, as well as other aligned sectors.

Nelson's port precinct:

This Capability Statement presents the compelling case for Navy maintenance work to be supported in Nelson's port precinct, and highlights the diversity of local companies available to deliver New Zealand Defence Force (NZDF) procurement needs. (The precinct employs over 2000 people.)

This Capability Statement represents a public and private sector Alliance, led by the Nelson Regional Development Agency (NRDA), Nelson City Council, Kernohan Engineering, Port Nelson and Skipper Training NZ. This Alliance forms one part of the region's strong maritime ecosystem. The Alliance is working closely (without prejudice) with regional NZDF associated personnel to ensure technical accuracy.



Nelson Tasman's regional capability is presented to complement NZDF existing capacity and capabilities at the Devonport Naval Base and other sites, and support NZDF strategic growth and resilience.

Nelson Tasman can provide timely solutions to the NZDF

The scheduled multi-year upgrade of the Devonport Naval Base in Auckland, and budgeted increased defence spending over the coming decade, mean the NZDF will be requiring new procurement, maintenance and support solutions. Undertaking Navy maintenance in Nelson would leverage recent government investment in Port facilities.

A strong business case for Nelson Tasman supporting the NZDF can be built around: existing secure Port infrastructure; available land for development; the strength of skilled industry capability within the Port precinct; the region's strategic geographic advantages and alignment with national Emergency Management resilience considerations; and local specialist training provision and research and development capabilities. In support of NZDF personnel and their whānau, Nelson Tasman also offers a welcoming and diverse community, excellent schools, a good breadth of housing options, established family support organisations, and an outstanding climate and a beautiful natural environment.

The NZDF is actively reviewing its needs and assessing alternative sites for a new combined services facility in Nelson Tasman for 2029. The approved User Requirements provide for Surge accommodation for 120, and (additional to BAU) hot-desking for 5-6, specifically to support temporary NZDF staffing needs in the region. This project is being progressed by DEI (Defence Estate Infrastructure.)

Wharf space and development land ➡ [Port Nelson](#)

- Secure wharf space and mixed-use development land is immediately available within the Port Precinct. Figure Two on page seven presents an overview of development sites.
- Port Nelson benefits from **multi-layered security** based on the International Ship and Port Facility Security (ISPS) code and the Maritime Security Act 2004 (few NZ service precincts offer this).
- The Port Nelson Port Passage Plan is available [here](#).
- Appendix Three presents further detail on wharf dimensions and regional boat ramps.

Significant recent investment in our Port infrastructure

- The recently upgraded Calwell marine maintenance facility can accommodate vessels from 50 - 2,400 tonnes.
- Services include an MPI accredited slipway (the third largest in New Zealand) and new 550 tonne boat hoist lift, which allows the lifting of vessels from 50 – 550 tonnes onto an adjacent hardstand (leaving the slipway free to service larger vessels).
- In Nelson Marina, a new 110 tonne boat hoist will be installed, following securing of funding in January 2026 for an extensive Marina Development project (including a \$13 million loan from the government). This project will also deliver new covered and uncovered hardstand areas (6000 sqm), and a mix of workshops, office and retail space for marine-related businesses. Construction will begin in 2027. The Marina's 15-year \$130m Marina Masterplan was approved by Nelson City Council in 2022. Development ambitions are responding to an identified market gap and support ambitions to become a national centre of excellence for small-medium commercial vessels. ➡ [Marina](#)

An extensive range of relevant service providers are available within a close radius of the Port

- Leverage a skilled workforce across a range of key disciplines:

Precision engineering, fabrication and design ● Composites & advanced materials ● Sensors, electronics, software, including remote sensing ● Data, IoT, AI, telemetry, data analysis ● Communication and surveillance ● Survey and mapping technologies ● Rigid Hull Inflatable Boat maintenance ● General maintenance and repair / ● Supply chain expertise: logistics, storage, distribution ● Maritime security and sustainment ● Corrosion protection ● Vessel control ● Outfit / furnishings ● Vessel/systems testing.

- Nelson offers a diverse ecosystem of marine services, which leverages a deep history in providing marine services, marine engineering and innovation to the region's fishing, aquaculture, and innovative Blue Economy activities, as well as other aligned sectors.
- Appendix One presents a Directory of Local Businesses. Appendix Two presents a sample of individual Business Snapshots.
- NZDF procurement opportunities would be part of a dual supply chain for local businesses (who service fishing and aquaculture clients), ensuring resiliency for suppliers to the Defence Force.

Competitive costs, berths fees and standard labour rates

- Current rates can be found [here](#).

Strategic, accessible geography (see Figure One on page six)

- Strategic geographic advantages aligned to New Zealand's National Emergency Management Plan 2025 Update (e.g. Surge requirements following and AF8 or Hikurangi Subduction Zone event).
- Close proximity of the Port to Nelson Airport Airhead (6.8km).
- Close proximity to marine training grounds (Tasman Bay - sea trials; Marlborough Sounds - navigational trials).
- Nelson is centrally located within New Zealand's EEZ and commercial fisheries.
- Port Nelson is a sheltered port, and operations are not impacted by large swells and sea surges – an issue for some other New Zealand ports.
- Tasman Bay offers a degree of natural shelter and frequently serves as a natural refuge to large offshore rigs and vessels from the Taranaki and Wellington regions during severe weather.
- Relative proximity to Woodbourne RNZAF Base (106km).
- National and international transport connectivity: Nelson is New Zealand's busiest provincial airport and only a 25-minute flight from Wellington.
- Central location. 105 nautical miles to Wellington and 633 nautical miles to Auckland.
- A favourable climate (high sunshine hours, low fog days) means less disruption.
- Compact accessibility – no other city, including Auckland, has almost every marine service provider within walking distance of the main port.

Figure One: Regional context and strategic central positioning



Figure Two: Mixed-use development land available within the Port Precinct:



Site Details

- 1 2 land parcels. No sea access. Public footpath along seafront. Plan for new marina berths to be developed in the sea to the north.
- 2 Site lease is currently being divested by Sealord. Direct access to wharf common area. Ability to add new waterside berths if required. Approximately 5,000 sqm available at this point but further land (up to 8,000 sqm) may be available if required.
- 3 4 small land parcels. Some restrictions to use.
- 4 Large flat site (circa 8000 sqm) in high visibility location, adjacent to State Highway 6.

The Nelson Airport Airhead is modern and expanding

- The construction of a new \$32million airport terminal building in 2019 will service forecast regional passenger growth. A \$10 million project to expand and upgrade the airport's apron and stormwater infrastructure has recently been completed.
- A runway extension project progressed through the land use planning stages in 2025. The project will deliver a long and strong runway for future aircraft fleet changes which will likely be delivered within the next 10 years.
- The current runway is 1346m long with a pavement strength (PCN 18). This allows for unlimited weight restricted (44 tonnes) C-130 movements year-round or limited full weight (59 tonnes) passes per year.
- Development land is available within the airport for aeronautical buildings, such as hangars with airside access, or landside developments.

Highly developed and tested Emergency Management systems

- The Nelson Tasman Civil Defence Emergency Operations Centre (EOC) is located 13 km from the Port, in Richmond, in a purpose-built facility designed to Importance Level 4 (IL4) standards, featuring a concrete ground floor "bunker" to ensure continuity during major disasters. The EOC has had a major technology upgrade, providing advanced tools for rapid response.
- The region has a deep pool of experienced emergency management personnel.



Connectivity from Nelson Airport



Nelson is centrally located within New Zealand's EEZ and commercial fisheries.



Port Nelson's 550 tonne Boat Hoist in operation. Since opening in April 2026, the Calwell Marine Maintenance Facility has serviced twelve vessels from as far afield as Bluff and Whangarei.

Specialist in-region training providers and skilled workforce

Nelson Marlborough Institute of Technology (NMIT) ➔ [NMIT](#)

Maritime Training:

- NMIT provides comprehensive training pathways in nautical science and maritime operations, from entry-level qualifications through to advanced certifications required for professional seafaring roles. Programmes are aligned with Maritime New Zealand certification standards, supporting progression toward internationally recognised qualifications under the STCW convention.
- Kongsberg merchant and fishing vessel **engine room simulator** from Norway with the most up to date software - which includes an engine room control room, an engine room, emergency generator simulation equipment and PC-based simulation software in a dedicated classroom.
- A ship's **bridge navigation simulator** – can represent twenty different vessel types, with ability to place and navigate ships in Nelson, Picton, the Marlborough Sounds, Wellington, Auckland and many overseas ports.
- Electronic Chart Display and Information System (**ECDIS**) Simulator.
- Cargo ship's lifeboat and launching davits.
- New Zealand's only three-storey **maritime fire-fighting training facility**.
- Formally accredited by International Maritime Organisation, Maritime New Zealand and the Royal Yacht Association.
- NMIT maintains strong connections with the maritime industry, including commercial shipping, aquaculture, and port operations, ensuring that training remains responsive to sector needs.

Aviation Training:

- NMIT's Aviation School of Engineering provides end-to-end training pathways in aeronautical engineering, from entry-level certificates through to diploma-level qualifications aligned with New Zealand Civil Aviation Authority (CAA) licensing requirements.
- Programmes are designed in consultation with industry to ensure graduates are work-ready and able to transition directly into employment or advanced training.
- Training is highly applied, with delivery centred at RNZAF Base Woodbourne and purpose-built facilities on the Nelson campus, enabling learners to work on real aircraft and develop practical maintenance and diagnostic skills in authentic environments.
- NMIT is an NZCAA Part 147 certified maintenance training organisation, supporting learners and industry professionals to achieve Aircraft Maintenance Engineer Licensing (AMEL).
- NMIT maintains strong industry partnerships to ensure clear employment pathways and alignment with current and future workforce demand in both general aviation and commercial airline sectors.
- With more than 150 learners engaged annually and programmes developed in response to ongoing skills shortages, NMIT plays a critical role in building and sustaining New Zealand's aviation engineering capability.

Skipper Training NZ ➔ [Skipper Training NZ](#)

- General Manager Captain Clive Holmes, RNZNR, is guiding Skipper Training NZ into its next chapter of growth. A focus on practical, hands-on training options includes New Zealand's first **dedicated skipper training vessel**.
- Courses offered:
 - Advanced Sea Survival
 - Skipper Restricted Limits
 - Skipper Coastal/Offshore
 - Emergency Vessel Handler
 - 500GT Oral Exam Workshop
 - Skipper Fishing Vessel Unlimited
 - Mate Fishing Vessel Unlimited
 - Deck Watch Rating
 - Watchkeeper Deck <500GT
 - Mate Fishing Vessel Limited.

Voyager Maritime Centre ➔ [Voyager Marine](#)

The Voyager Maritime Centre, planned to open in 2027, will be a state-of-the-art maritime training facility based in Nelson, delivering high-fidelity, simulator-based training for commercial and defence operators. Key capabilities will include:

- Advanced bridge, engine room and tug simulation systems replicating complex, real-world operating environments.
- Advanced training in ship handling, marine engineering, tug operations, and pilotage
- Focus on human factors, bridge and engine resource management, and risk-based decision-making.
- Support for emerging technologies, including autonomous surface vessels, S-100 Electronic Navigation Charts, and associated training, research, and development.
- Simulator-based training to prepare seafarers for newly launched vessels, ensuring safe and seamless entry into service.
- Bespoke, operator-specific programmes tailored to individual requirements
- Training delivered by industry-specialist instructors.

Nelson is positioned as a premier one-stop shop for maritime training solutions.

World-leading Science & R&D capabilities

The Cawthron Institute ➡ [Cawthron](#)

- New Zealand's largest independent science organisation, with over 300 staff and extensive global relationships and networks. Core research capabilities include: aquaculture; aquatic animal health and biosecurity; algae research; blue tech; and data science and ocean monitoring.
- The Cawthron Aquaculture Park (CAP), is a twenty-hectare purpose-built, world-class research and technology centre is located just fifteen minutes from Nelson's CBD.
- The CAP is a nationally significant asset - home to modern laboratories, biosecure propagation facilities and a **PC2 Level Aquatic Research Laboratory**, as well as multiple commercial tenants.

The BSI Plant & Food Research Group's Nelson Seafood Research Centre ➡ [BSI Seafood](#)

- Houses 50 staff focused exclusively on seafood research, in a modern facility in Port Nelson, which houses laboratories, workshops, an extensive live finfish facility, and genetic brood stock.
- Has a **15m flume tank** for prototype testing.
- At another site in Nelson, Plant & Food Research has a **pilot plant** where scientists develop new commercially scalable processes for the extraction of marine molecules.

Earth Sciences New Zealand ➡ [Earth Sciences](#)

- Office in Port Nelson, delivering a range of weather and climate services as well as specialist research including ocean research. Earth Sciences (formerly NIWA) will host a **new \$5 million rain radar** for the region (expected to be in place by 2027).

Nelson AI Institute (NAI) ➡ [Nelson AI Institute](#)

- A venture studio based in central Nelson which creates AI solutions, leveraging a group of technology founders, engineers and scientists, and national and international networks.

Blue House ➡ [Blue House](#) ➡ [Moananui](#)

- Launched in March 2026, Blue House has been created to support early-stage ventures and established businesses and organisations working at the intersection of Blue Economy innovation, science and industry. Blue House is a shared physical workspace, as well as a network.
- Blue House is a partnership between Westpac, the Nelson Regional Development Agency, and Kernohan Engineering.
- Blue House will be the new home of the **Moananui Blue Economy cluster**. Moananui is an enabling and accelerating the growth of the blue economy, by connecting organisations and businesses across the cluster in new ways that support innovation and generate economic value. Moananui is hosted and supported by the Nelson Regional Development Agency.

Supporting staff attraction, retention and wellbeing

- Nelson Tasman's favourable lifestyle and climate help to attract and retain staff.
- Three National Parks offer 645,000 ha of accessible wilderness within a two-hour drive of Nelson: from golden beaches to rugged mountains, beech forests and alpine lakes.
- The region is one of only six global destinations to hold a Gold Status ranking from the International Biking Association, with over 350 trails. The region also hosts two popular Great Rides.
- Diverse communities – 48 different cultures – contribute to a rich music, art, craft and creativity scene.
- Nelson is a small city but offers plentiful artisans, galleries, restaurants, markets, events and activities. Food enthusiasts especially love our locally grown world-class produce.
- 50 primary and secondary schools provide excellent education. Nelson College is New Zealand's oldest state school. Nelson College (a boys' school), Nelson College for Girls and Garin College (a co-ed integrated Catholic school) offer excellent boarding facilities at secondary level.

Working with the NZDF to deliver housing solutions

- Coordinated and strategic planning across the region is developing new housing areas and enabling new housing types. Significant new subdivisions are providing new housing stock. A \$78 million infrastructure upgrade (underway) in central Nelson will support housing intensification – in time, an additional 1000 households in the central city.
- Local iwi are investing in new housing and are open to partnerships with the NZDF to deliver bespoke housing solutions, using a range of financial models. The eight iwi of Te Taihupo have grown their post-settlement net asset bases to over \$1 billion. The Te Here-ā-Nuku Trust was established in 2025 when the historic Nelson Tenth case was resolved and are also expected to be an active player in future regional development.
- Our two Councils collaborate fully to provide united regional spatial planning. (The Joint Nelson Tasman Future Development Strategy was formally adopted in 2022 and is a 30-year strategic plan.) Both Councils are implementing multiple actions to support future growth, e.g. infrastructure and public transport, and the region has an appetite to pilot new models of housing delivery.

Government and local investment is future proofing our region

- The phased \$1 billion redevelopment of Nelson Hospital is underway. An \$11 million expansion of the emergency medicine department has recently been completed.
- The Waimea Community Dam was officially opened in February 2025 and is a \$198 million investment in regional water resilience.
- A \$75+ million investment in the Hope Bypass (SH6) was approved in Budget25.
- A \$12+ million investment in the upgrade of Port Tarakohe in Golden Bay includes a new concrete wharf, new 'resilience ramp', new on-wharf buildings, and new commercial berths.

Established regional alliance

A regional alliance is in place, to provide a coordinated point of contact and support. The alliance is ready and eager to identify and progress regional opportunities to support the NZDF. We will work together to accelerate and amplify wherever we can. Individual businesses tendering for NZDF procurement contracts have the support and of the alliance behind them.

Please contact us: we're here to help.

Contacts

- **Nigel Philpott**, Chief Executive, Nelson City Council nigel.philpott@ncc.govt.nz
- **Fiona Wilson**, Chief Executive, Nelson Regional Development Agency
fiona.wilson@nelsontasman.nz
- **Paul Miller**, Chief Executive, Kernohan Engineering, paul.miller@kernohan.co.nz
- **Matt McDonald**, Chief Executive, Port Nelson, matthew.mcdonald@portnelson.co.nz
- **Captain Clive Holmes**, RNZNR, General Manager, Skipper Training NZ,
clive@skippertraining.ac.nz

Appendices:

Appendix One:	Directory of Individual Business Capabilities
Appendix Two:	Individual Business Snapshots
Appendix Three:	Wharf Dimensions
Appendix Four:	Boat Ramp specifications - Nelson Marina, Sealord Marine Rescue Centre and Nelson Yacht Club



Appendix One: Port Precinct Business Directory

Key:

Marine & Maritime Services	
Logistics, Freight & Port Services	
Safety, Biosecurity & Compliance	
Aquaculture, Seafood & Marine Science	
Fuel, Energy & Industrial Materials	
Technology & Infrastructure	

** = Member of the Moananui Blue Economy Cluster

Right-click business name for hyperlink (where one is available)

Marine & Maritime Services	
Able Ships	Marine surveyors and naval architects
Aimex	Ship building and repairs
Allspec Marine	Boat maintenance, refits, painting and marine electronics
Anchor Engineering	Hull plating, ship repairs, marine equipment installation
Atkinsons Innovative Interiors	Bespoke cabinet-making and joinery
Bluewater Electrics	Marine electrics
The Buying Group	Procurement Solutions
Cookes	Wire rope, lifting, lubricant and rigging specialists
Craab Electrical	Marine electrics and inspections
ENL	Marine electronics and systems engineering
Fribesco Ltd	Importer of tools and machinery
The Front Store	Engineering Supplies
Fulton Hogan	Infrastructure products and services
Kernohan Engineering **	Marine engineering, fabrication and foundry
Maidenfleet	Autonomous vessel technology for fishing
Marine Worx	Boat maintenance, antifouling, valet and sales
Motueka Nets (Nelson) Ltd	Fishing trawls and hardware
Nelson Marina **	Marina management
Nelson Marine Centre	Marine servicing and workshop, marine retail
NZ Coating Services Ltd	Protective coating services
Osprey Boats	Custom built aluminium boats
Pumps and Filters Ltd	Marine, industrial and commercial pumps and filters
Ropetek Ltd	Rigging specialists, workshop, custom fabrication
Rzoska **	Marine and electrical engineering

Seaworks	Subsea operations, cables, salvage
Sharland Engineering Limited	Structural and marine engineers
Shaw's Wire Ropes Ltd	Wire rope, rigging and lifting
Shipwright Services	Joinery, interiors composite repairs
Sunderland Marine	Marine insurance specialists
Trafalgar Painting	Marine, commercial and industrial painting
Turbochargers NZ Ltd	Marine turbochargers and emissions
Whakatu Marine	Commercial and recreational marine maintenance
Zebra Tech	Design /manufacture underwater instruments & equipment

Logistics, Freight & Port Services	
3i Intermodal	Innovative and Sustainable Logistics Solutions
C3	Product handling solutions on wharf and beyond
Lineage	Food supply chain solutions and cold storage
IRS International	Reefer container refrigeration services
Pegasus Shipping	Shipping agents
Port Nelson **	Regional port, handles 3.3 million tonnes of cargo per annum
Qube Logistics Limited	Specialist container services
Specialised Refrigeration Services	Container refrigeration hire and lease
TNL International Ltd	Freight, logistics and customs

Safety, Biosecurity & Compliance	
Genera Limited	Biosecurity services and innovation
Guard Safety	Workplace health, safety and wellbeing solutions. Chaplins.
Hutchwilco Group	Marine safety training, fire centre and marine services
Maritime NZ	Guardianship of oceans and waterways
MAXSAFE / KStrong	Height Safety Anchors & Engineering Systems, PPE, Rescue Systems
SGS	Testing, inspection and certification
Skipper Training NZ	Maritime certification and safety courses

Aquaculture, Seafood & Marine Science

BSI Plant and Food Group **	Research institute and Seafood Research Centre
Cawthron Institute **	New Zealand's largest independent science organisation
Maclab **	Mussel growing and bioactive extraction
Umios	Deep-sea fishing and seafood (formerly Maruha Nichiro)
Ocean Intelligence	Real-time data for marine farming
Quality Equipment	Aquaculture farming systems
Sealord Group Ltd	Seafood company and fishing fleet
Solander Group	Seafood company and fishing fleet
Talleys	Seafood company and fishing fleet

Fuel, Energy & Industrial Materials

AICA NZ Ltd	Manufacturer of industrial adhesive systems and resins
Altex Coatings Ltd	Industrial and marine protective coatings
BP Oil New Zealand Limited	Petroleum distributor
Holcim	Supplier of cement, aggregates and concrete
NPD Limited	Fuel and lubricant distributor
Steel and Tube Holdings Ltd	Steel supply and processing
Z Energy Limited	Petroleum distributor

Technology & Infrastructure

Connexa Limited	Mobile tower infrastructure
---------------------------------	-----------------------------

Accommodation Providers near Nelson's Port Precinct

- [Harbourside Lodge and Anchor Restaurant](#), Vickerman Street, Port Nelson. This boutique accommodation offers 15 rooms and is directly adjacent to Nelson Marina.

Numerous other accommodation options are available in central Nelson, including the following recommendations, which are all within a ten-minute drive of the Port:

- [Rutherford Hotel](#), Nile Street (capacity 113 rooms + locked and secure guest parking)
- [Tides Hotel](#) + [Delorenzo's Studio Apartments](#), Trafalgar Street (capacity 78 rooms)
- [Sail's Motel](#), Trafalgar Street (capacity 15 rooms)
- [Palm's Motel](#), Paru Paru Road (capacity 28 rooms)
- [Quest Apartments](#), Collingwood Street (40 apartments)

Additional members of the Moananui Blue Economy Cluster

(located outside of Nelson's Port Precinct)

See a brief summary of Moananui on page twelve ➡ [Moananui](#)

Nelson Regional Development Agency (NRDA)	The region's Economic Development Agency - supports collaboration, builds capability, attracts resources, and accelerates growth.
Pharmalink Extracts Ltd	Pharmalink Extracts and MacLab are partners in the sustainable marine natural products industry, producing valuable nutraceutical marine oils.
pinpoint earth	Taking the Nelson-based Snapcore Group's VMS (Vessel Monitoring System) tracking system to a global audience.
Lincoln Agritech	A multi-disciplinary research and development company delivering leading-edge science and engineering technologies.
New Zealand King Salmon	A vertically integrated aquaculture company and world leader in rearing and marketing the unique King salmon species.
Harvest Hub	An AI-assisted decision-support tool and phone app, revolutionising shellfish harvest assessments.
Ngāti Rarua	One of the Te Taihū region's eight iwi, who operate a diverse portfolio of commercial and not-for-profit enterprises.
Waimana Marine	Marine farmers, utilising advanced aquaculture techniques.
EnvironStrat	An end-to-end natural resource sector advisor and impact investment project developer.
Westpac	A supporting partner, the Westpac team contribute extensive blue economy insights and networks.
Seaweave	A cloud-based monitoring and analytics platform for aquaculture data.
Maidenfleet	Start-up developing an unmanned vessel platform (integrating advanced AI / machine learning) to support an innovative fish harvesting system.
Trinder	Engineering company with a strong track record in engineering innovations and solutions.
Aquaculture Learning Lab	Helping the aquaculture sector gain critical skills and knowledge, and individual businesses to innovate.
Ocean Impact Organisation (OIO)	OIO is an Australian impact investor focused on the Asia-Pacific region. OIO has an MOU with Moananui, to deliver start-up/accelerator services.

Appendix Two: Business snapshots profiling a range of expertise



Kernohan Engineering

Kernohan Engineering is one of New Zealand's most capable and versatile marine engineering firms, delivering end-to-end solutions for vessels operating across New Zealand's commercial, aquaculture, and deep-sea sectors. With a team of around 60 highly skilled engineers, fabricators, machinists, designers and marine specialists, Kernohan has the scale and capacity to take on complex, time-critical marine repair and maintenance projects, both alongside at Port Nelson and across the wider region.

- Kernohan's marine capability is complemented by a fully equipped machine shop, stainless steel department, and advanced fabrication facilities, allowing the team to deliver everything from emergency breakdown repairs to full vessel refits. Their work includes hull repairs, mechanical systems, piping, hydraulics, and bespoke marine components
- A core strength of the business is its specialist foundry and propeller services, which provide precision casting, repair, balancing, and custom fabrication. This enables Kernohan to support a wide range of propulsion systems, from small commercial vessels to large offshore operators, ensuring optimal performance and reliability.
- The company is also recognised for its role in cutting-edge marine innovation, partnering with leading aquaculture and marine technology organisations to design, prototype, and deliver new systems for open-ocean operations. Projects such as the development of inflatable offshore sea pens demonstrate Kernohan's ability to operate at the frontier of marine engineering, taking concepts from design through to sea trials and full deployment.
- With its scale, specialist facilities, and proven track record across both traditional marine engineering and emerging marine technologies, Kernohan Engineering stands as a key provider of high-value marine repair, maintenance, and innovation services in the Nelson region and beyond.

ENL

Established in 1945, ENL provide electronics for complex defence applications, commercial fishing and superyachts. have been working closely with New Zealand's commercial fishing fleet for 80 years. ENL supports the Royal New Zealand Navy, and their Engineering Services Team have been involved in more than 30 super yacht new build projects and are Lloyd's ISO9001:2015 approved (accredited in 2006). ENL's passion and commitment to innovation means they're constantly bringing game-changing technology to the market. Services include:

- WASSP Multibeam Sonar
- Digital monitoring – ER/GPR requirements, NZ Government Electronic Monitoring camera supplier

- Net monitoring – Marport catch control and net monitoring sensors
- Sounder, radar, sonar and navigation electronics
- FURUNO weather radars
- Systems Engineering and Integration (ENL supports the RNZN's Protector fleet [Servowatch IPMS systems, SAAB TactiCall data comms system])
- New build expertise
- Importer and distributor of marine products / exclusive distributor of many world leading brands.
- Technology development, focusing on niche markets.

Aimex

Aimex is a leading ship repair and ship building company, providing a one-stop shop for solutions. Also undertakes ship audits. Aimex understands the complex, dangerous, expensive and often difficult challenges associated with vessel ownership and operation. Services include:

- Ship building
- Complete interior refurbishments
- Maintenance
- Emergency repairs / structural failures
- Heavy diesel mechanical
- Fabrication
- Fitting and diagnostics
- Hydraulics
- Engine reconditioning
- Machining
- Shipwright services
- Engine sales and parts
- Electrical
- Turn-key solutions.

NZ Coating Services

NZ Coating Services is a trusted provider of high-quality coating solutions. Services include:

- Water blasting: UHP @ 40k psi, pipeline cleaning up to 40k
- Spray painting, fireproofing, intumescent coating, antifouling
- Abrasive blasting: blasting booth, steel or garnet blasting, mobile blasting units.
- Brush and roller painting
- ARC / Thermal spraying, can be offered in Zinc, Alloy or mixed media, includes mobile or offsite work
- Mechanical preparation: pneumatic descaling, grinding / diamond grinding and sanding
- Quality Assurance: soluble salt tests, wet film /dry film thickness monitoring, surface profile gauge, daily coatings reports, environmental conditions testing and monitoring.

Guard Safety

Guard Safety is a workplace health, safety and wellbeing specialist, driving culture change across New Zealand workplaces. The company offers tech-based solutions, 'real world' implementations, and industry targeted solutions. Services include"

- Effective, compliant workplace health and safety
- Full fleet health, safety and wellbeing compliance management
- Maritime work MOSS / HSWA
- Safety management systems / system design including ISO 45001 and ISO 31000
- Risk management and psychosocial risk management
- Prequal support, supporting applications to schemes such as Tōtika, SiteWise and IMPAC
- Safety audits and MNZ audit prep
- Director due diligence
- Training and E-learning
- Digital monitoring and tech solutions
- Project management
- Accident investigation
- At sea assessments
- Regulatory and agency liaison.

Rzoska

Rzoska has been family owned and operated for 75 years. Services include:

- Automation: Rzoska have designed, developed and installed their own Lloyds-approved R.A.M.S (Rzoska Alarm Management System) which looks after all facets of vessel alarm management, including Deadman alarms, fire alarms, watch keeping, trending, monitoring and control. Vessel factories work, including programming, installation and commissioning of refrigeration plants factories, conveyors, weighing systems.
- Power generation: Supporting multiple generator applications, installing new systems, commissioning synchronous generators, including load sharing, emergency back up and primary power systems.
- Design builds: in-house electrical design team, trained in all aspects of industrial electronics including sensors, instruments, drives, starts, controller, motors, relays, MCBs, ACBs and motor protection systems.
- Elevator Lift: carry out a range of work on behalf of Kone.
- Vessel surveys.

Seaworks Limited

Seaworks Limited provide a range of specialist marine solutions. They operate the largest and most capable fleet of specialist vessels available for charter on the New Zealand coast, including the only hydraulic work-class ROV permanently available in New Zealand (a Quasar 6). Established in 1982, they now service clients across the wider South-pacific region. Vessel capability includes supply boats, rig support and chase boats, towage and salvage tugs, patrol vehicles, expedition ships, vessels for research and subsea investigations, and cable laying and repair vessels.

Services include:

- ROVs: The H800 ROV is a 1000m depth rated observation class ROV with two 5-function manipulator arms. It offers high-quality 4k videography and work class capabilities. A Quasar 6 is configured to meet the specific requirements of New Zealand industry and offers excellent high-current performance and tooling instrument capability for survey and intervention. Seaworks also offers dive support.
- Submarine cables: installation, monitoring and maintenance.
- Subsea operations: inspections, interventions, salvage, surveys, and routine field support.
- Energy and renewables: Seaworks has a 30-year record of providing integrated, ISO-certified vessel and subsea support to New Zealand's offshore energy and renewables sector.
- Salvage: Seaworks has wide-ranging salvage expertise and has emergency response agreements with Maritime New Zealand and international salvors.



The entrance to Nelson Harbour, looking north to the Boulder Bank. Credit: Tim Cuff

Appendix Three: Wharf Dimensions

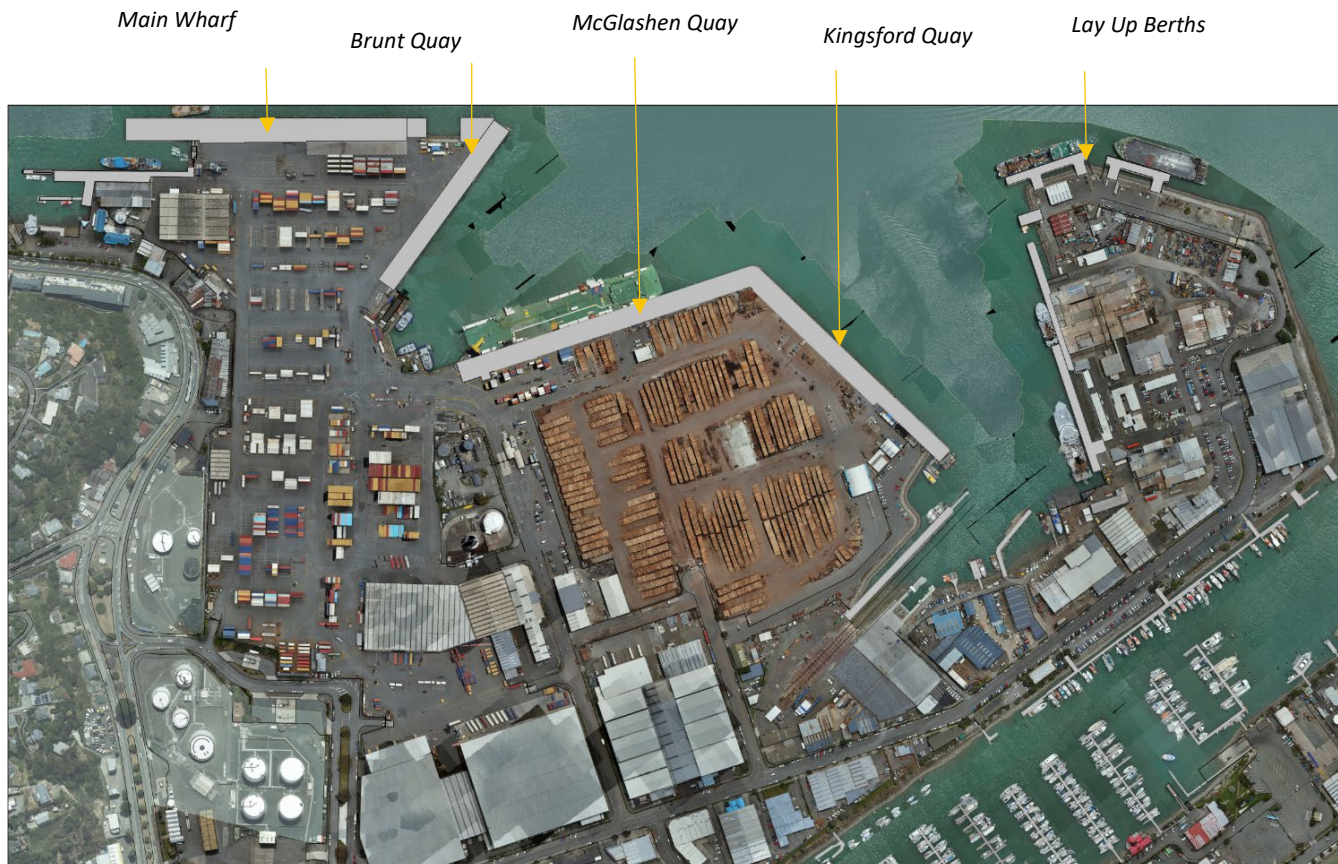
There are four principal cargo berths at Port Nelson – Main Wharf, Brunt Quay, McGlashen Quay, and Kingsford Quay.

All four principal cargo berths lie within the secure area and may only be accessed by the approved and inducted personnel via the Gatehouse.

All berth heights are 5.6m LAT.

	Main Wharf	Brunt Quay	McGlashen Quay	Kingsford Quay
Berth length	300m	190m	330m	170m
Max. vessel length	270m	185m	270m	200m
Max. vessel beam	38m	32.3m	38m	32.3m

Detailed technical information is available in the **Port Passage Plan**, [here](#).



Note: image is not orientated to the North.

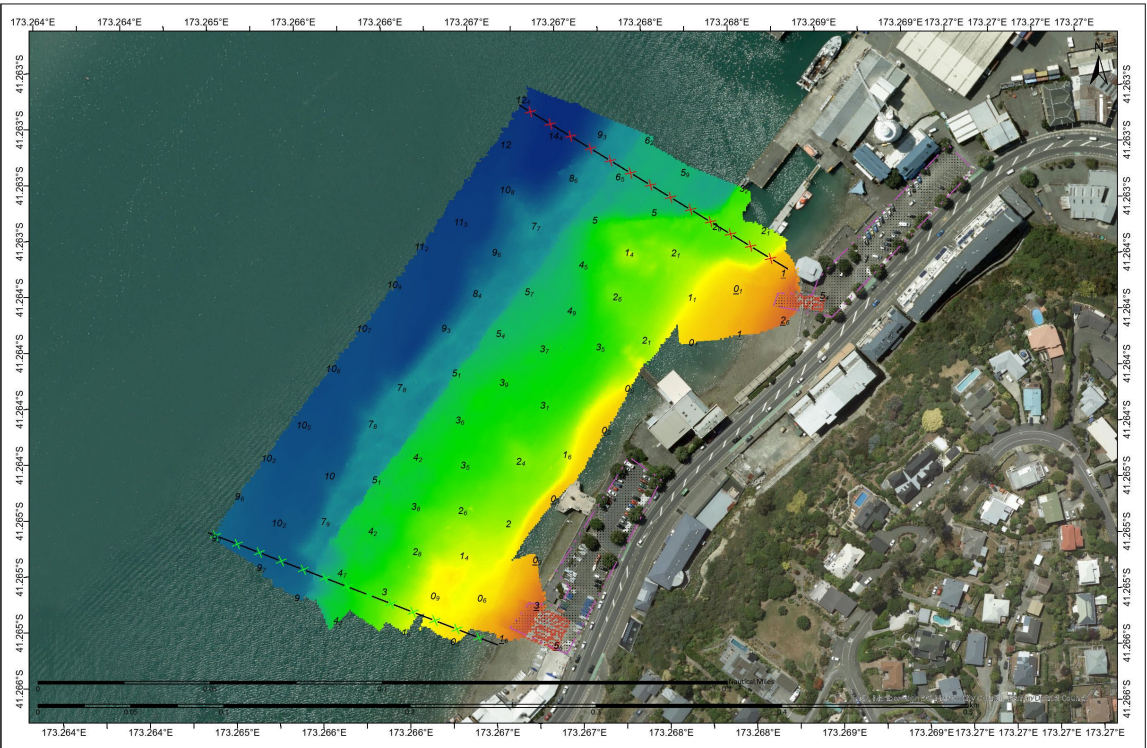
Appendix Four: Boat Ramp specifications - Nelson Marina, Sealord Marine Rescue Centre and Nelson Yacht Club

[UNCLASSIFIED: provided by the NZDF]

UNCLASSIFIED Nelson Marina Boat Ramp - Nelson Marina Boat Ramp-

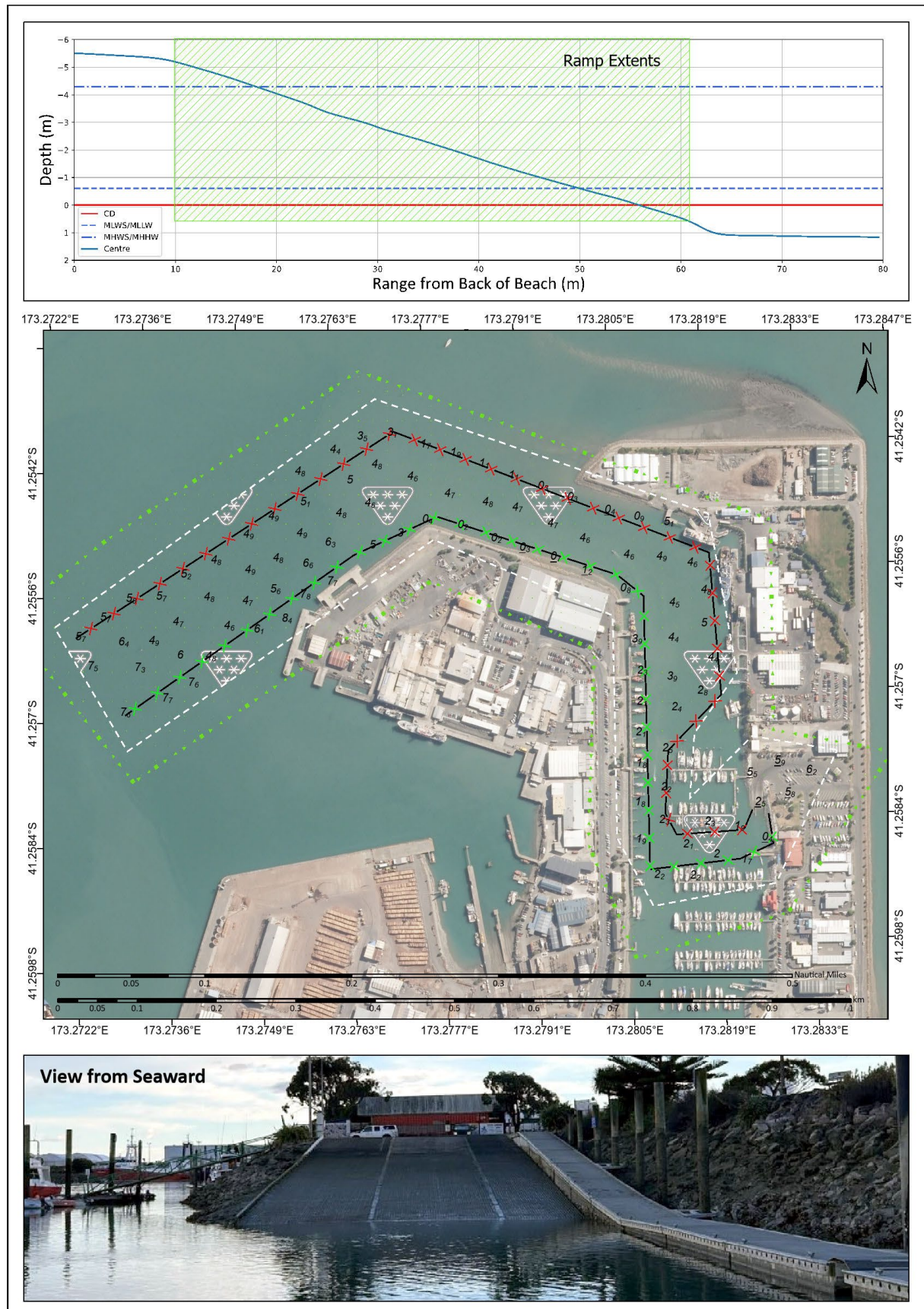


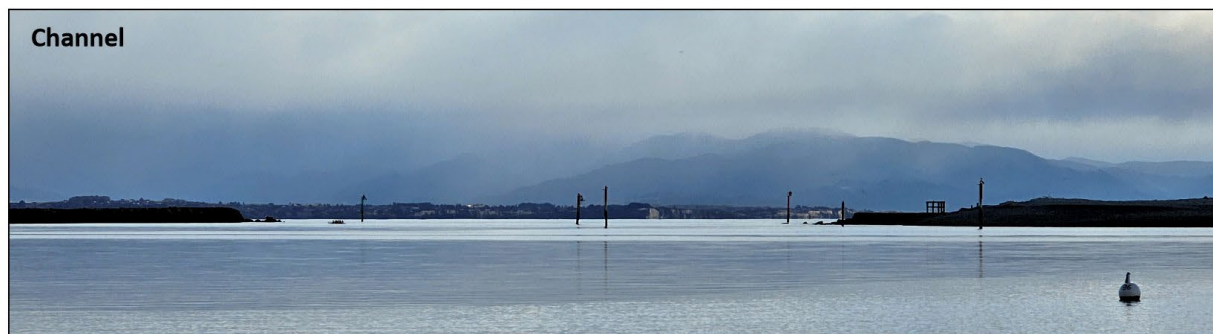
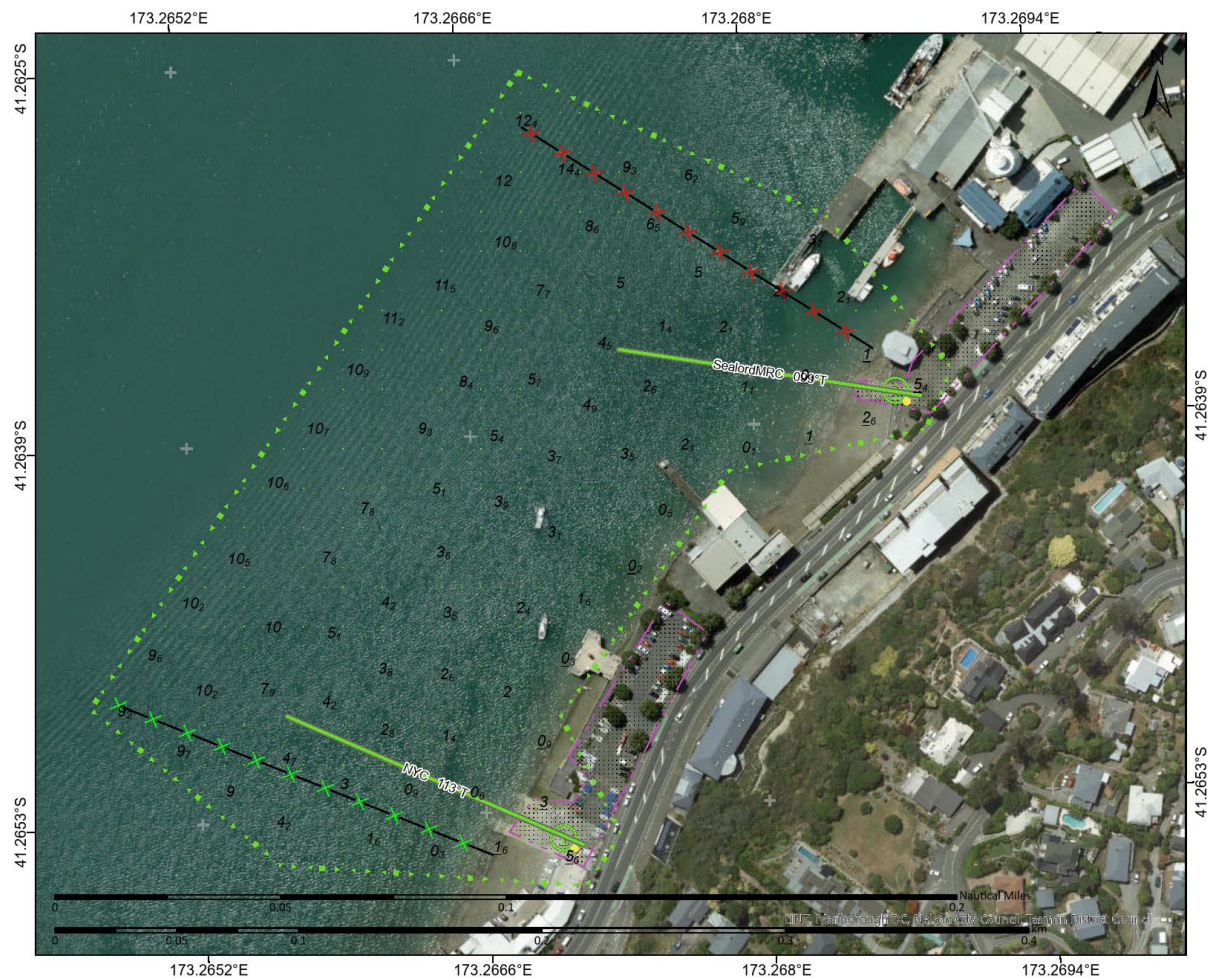
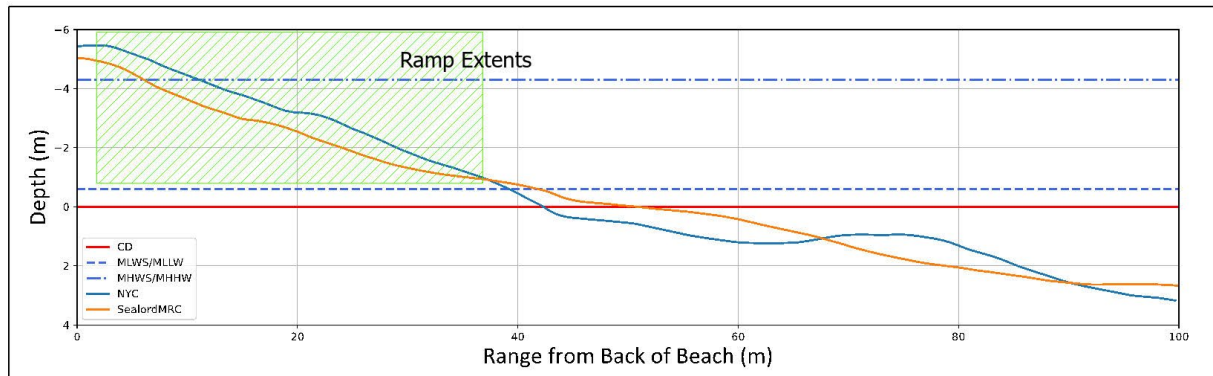
UNCLASSIFIED UNCLASSIFIED Nelson Yacht Club and Sealord Marine Rescue Centre - Sheet

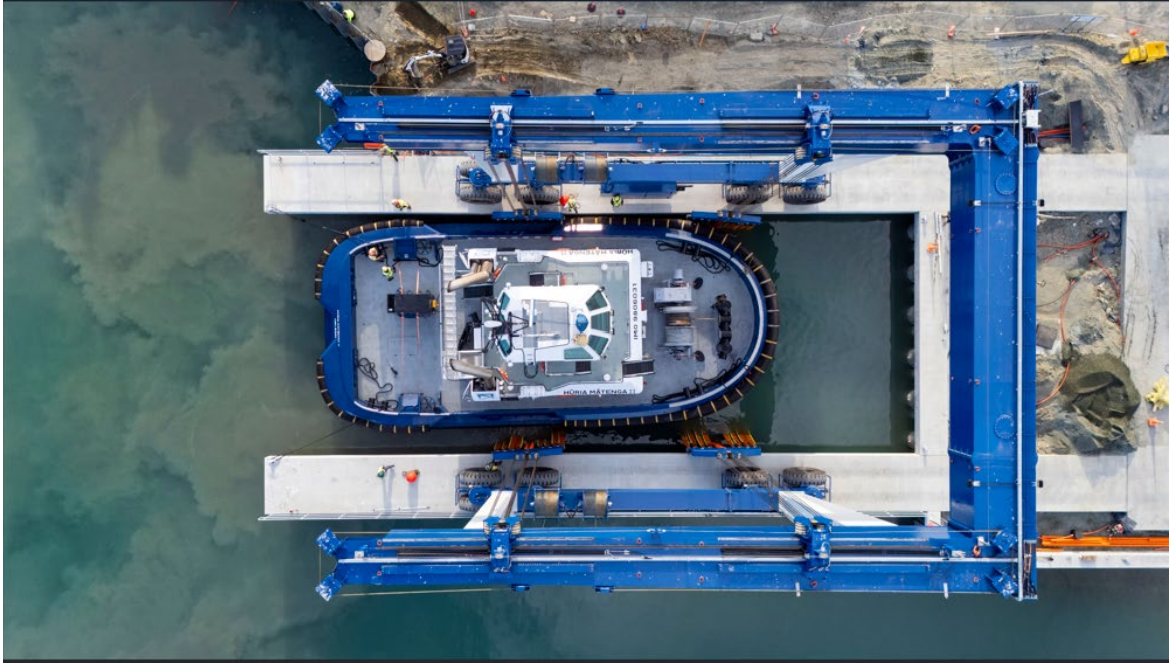


UNCLASSIFIED

Nelson Marina Boat Ramp - NZL0000053 - Sheet 2







The Calwell Marine Maintenance Facility. Credit: Tim Cuff



