

## David Richards “Summary of Work Experience and Training”

Dates	Location	Awards & Positions	Achievements
1965 – 1971	Royal Hospital School Holbrook Suffolk UK.	CSE and GCE “O”	Six years at RHS Holbrook Boarding school for Boys, Rank Petty Officer Boy Seaman, Capt School Shooting and Swimming teams.
1971-1973	Plymouth School of Maritime Studies	Ordinary National Diploma in Engineering	Held various Cadet Executive ranks lastly Senior Cadet Captain, Awarded the Merrifield Cup and the Shell Prize for Personnel Management Successfully completed OND.
1973	John Redheads Shipyard		Working by in the repair yard and the new building slipway
1973-1974	Sea Service		Sea service completed on Motor and Steam ships,
1974-1975	South Shields Marine Technical College	5 Endorsements to my OND in Engineering	1 years workshop and technical study passed out of my final year as an Engineer Cadet Completed Endorsements Control Eng. Mechanical Technology, Marine Power&Plant Naval Architecture, Marine Electrotechnology,
1974-1977	P&O General Cargo Division	Sea Service towards 2 <sup>nd</sup> Class Certificate	Articled sea service on board 3 vessel’s in the P&O Fleet as Assistant Engineer Officer
1977	Plymouth School of Maritime Studies	2 <sup>nd</sup> Class Motor Certificate	Full time course leading towards final exams for part B of the 2 <sup>nd</sup> class Motor Certificate
1977-1981	Blue Star Line	Sea Service Towards 1 <sup>st</sup> Class Certificate	Articled sea service on various vessels of the Blue Star Line and their management companies. Engaged as 3 <sup>rd</sup> and then promoted 2 <sup>nd</sup> Engineer following one voyage.
1981	Manukau Marine College	1 <sup>st</sup> Class Motor Certificate	Full time course leading towards final exams for part B of the 1 <sup>st</sup> class Motor Certificate
1981-1982	Blue Star Line	Sea Service	Final sea service with British MN Blue Star Line
1982	New Plymouth Power Station	3 <sup>rd</sup> Class Steam Certificate	APO at New Plymouth Power station operating 5 off 120Mwatt steam power plant feeding the national electrical power grid. Including 120bar ICL Oil/Gas Fired boilers and Parsons three stage turbines powering Hydrogen Cooled Generators rated at 120Mwatt.

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1982-1983	Ray Meale General and Marine Engineers Ltd	Manager	Management of staff and plant engaged on jobbing-type engineering work in the general, oil and gas and marine industries. Supervision of workshop staff and site works. Quoting for new work, engagement of new staff and overseeing day to day operations of work force up to 20 personnel Notable projects included: - DSV Second bell installation also hull repairs and assistance with machinery repairs. AHTS Installation of a surface diving spread and ongoing support for the vessel operator during sea bottom pipeline surveys and mobilization of the equipment for subsequent years work programme.
1983-1984	New Zealand Marine Division Ministry of Transport	Engineer and Ship Surveyor	Responsible for the administration of the Boilers Lifts and Cranes Act and the Shipping and Seaman Act. Examination of pressure vessels in the Petrochemical Industry including offshore platforms. New fabrication verification for compliance with legislation and standards. Examination of Boiler operators for Operators Certificates of Competency.
1984-1988	Taranaki Harbour's Board	Supervising Marine Engineer New Zealand Certificate in Engineering Power and Plant 1989	Responsible for maintenance of the Board's floating plant, including 2 harbour tugs, 2 dredgers, barges and tow vessel. Details of this work are contained in the NZCE AAVA Work Experience record sheets for years 1985-87. During 1988 changes to the harbour industry resulted in my redundancy and move into the offshore industry. NZCE Undertaken at Taranaki Polytechnic during night classes and at Wellington CIT block course.
1988-1998	Union Shipping Company of New Zealand Subsidiary New Zealand Offshore services and Ocean Bulk Ltd later Union Bulk Ltd	Operations Manager NZOS Manger Ocean Bulk Ltd Chief Engineer Union Bulk Ltd. Completed NZCE 1989 Extra Mural Study at Massey University part completed BBS	Commenced with NZOS during their period as operator of the Offshore supply vessel Smit Lloyd 104 a long-term contract supporting the offshore Maui A platform. Other contracts included further AHTS vessels, Seismic Survey vessels, Dive Support vessels and offshore mobile drilling rigs. At this time appointed to act for Lloyd's Register Of Shipping and also the American Bureau of Shipping. Control of operating budgets, personnel selection attending industrial union negotiations on behalf of owners and charterers. Major projects included the installation of Maui B offshore oil and gas platform during which time NZOS provided support and management services for the DSV and the alongside Semisubmerissible drilling rig. Later the installation of the FPSO for the same platform resulted in NZOS representing owners during fabrication of the lay over arch, mid-depth buoy and clump weight and the ongoing management and support for the anchoring installation DSV which also laid the flexible pipelines and carried out a diving programme. As the operations

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		<p>Also ISM and ISO auditing qualifications .</p>	<p>manager I was responsible for the management of the crews and assistance to owners with technical matters affecting the operation of their vessels. Following the successful installation of the FPSO I was seconded to Ocean Bulk Ltd (Later fully owned by Union Shipping and renamed Union Bulk) as the first manager, responsible for the implementation of the tug and barge shipping operation of coal from Westport to Port Kembla and other ports in New Zealand. I was directly involved in the selection of a suitable tug and barge for the operation. Following the selection of the barge I undertook the necessary design and modification of the barge to facilitate it’s discharge at the coal berth in Port Kembla. The overall value of the project was in the order of NZ\$9.0 million. As the first manager I continued to manage the service until the full take over by Union Shipping at which time I was made redundant and then re-employed as Chief Engineer of the tug and barge after which I left to start my own business.</p>
<p>1998 to present</p>	<p>New Zealand Offshore Services Ltd and DKR Associates Ltd</p>	<p>Director CBIP qualifications as Welding and Boilers, pressure vessel and pipeline inspector.</p>	<p>Following my redundancy from NZOS and Union shipping my business partner and myself purchased the rights to New Zealand Offshore Services Ltd and continued to operate the company as a crew manning and management company. At the same time I elected to start my own company DKR Associates Ltd a company established to provide marine surveying and consultancy services in the field of ship operations, maintenance and surveys. Since starting DKR Associates Ltd I have successfully completed over 400 marine, engineering and surveying projects and have a number of ongoing contracts to provide inspection, survey and relief engineering functions. Of particular note has been my contract to act as Marine Engineer Superintendent for Mayfair Shipping to support their operation of the LPG vessel “Magellan”. The operation of the vessel required extensive repairs to be completed before the vessel was permitted to leave NZ to continue its trade pattern to Fiji. Later Dry-docking was under my direct control. The repairs to the cargo tanks were of particular interest. Ongoing work for Class societies has seen the use of my skills as an inspector during the examination of pressure vessels and boilers. NZOS has continued to operate and we have been fortunate to provide management services to Farstad Shipping (India Pacific) Pty Ltd the current owners of our former sister company Australian Offshore Services.</p>