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**Audience:** Defence Industry Association

Speech delivered by Colonel Richard Weston, Director Capability Working Groups, NZDF

## **NZDIA Forum Speaking Notes (31 OCT 18)**

Tēna koutou, tēna koutou, tēna koutou katoa.

**Acknowledgements:** Minister of Defence, senior members of the New Zealand Defence Force, Defence Industry delegates, Ladies and Gentlemen. Air Commodore Darryn Webb, Assistant Chief of Defence Capability, regrets that he was unable to attend due to work underway with the Defence Capability Plan Review 2018.

New Zealanders need the Defence Force to be a highly effective military force in a rapidly changing world. Our role is to have military capability available when the government needs it. **We must continue to be combat ready.**

The New Zealand Defence Force has a vision of being an integrated Defence Force which is at the core of Strategy 25. There are four key tenants of the Strategy, being Information, People, Relationships and Capability Enhancement.

Capability enhancement and relationships are inherently linked and are the reason that we are all here today.

I would like to acknowledge the message from AVM(Rtd) Mike Yardley, the Deputy Secretary of Defence (Capability Development). I can attest that the outcomes of the procurement review, ICR and other activities certainly do reflect the work of the Defence Capability Change Action Programme, which has proved a paradigm shift in our approach to Defence capability development.

As a result, the New Zealand Defence Force and Ministry of Defence work closely on the development of capability using a process that seeks to deliver and sustain effective military capability that aligns with Government policy.

### **Defence Force Responsibility**

The New Zealand Defence Force works with other Government agencies to protect and advance our national security interests. We respond when life is at risk and routinely work in hostile and challenging environments. To be successful we must be agile.

The Strategic Defence Policy Statement 2018 highlights the Defence Force's responsibility to support New Zealand's security, resilience and wellbeing across a broad range of activities:

- The Defence Force is to support New Zealand's **community** and environmental wellbeing and resilience.
- **Nationally**, the Defence Force is to promote a safe, secure and resilient New Zealand, including on its borders and approaches. It is to contribute to maintaining New Zealand's prosperity via secure air, sea and electronic lines of communication, and secure access to space-based services.
- **Internationally**, the Defence Force is to contribute to the maintenance of the rules-based order and contribute to New Zealand's network of strong international relationships.

In the coming years, the Defence Force will very likely be called upon to undertake an increasing number of operations in New Zealand's neighbourhood to respond to emergencies and instability, and protect and promote New Zealand's national security and foreign policy interests. This will present a capacity challenge, including in terms of concurrency and sustainment.

## The Defence Capability Plan Review

A series of reviews have been undertaken to ensure Defence is best prepared for future investment and to meet these challenges.

The procurement review, ICR and Strategic Defence Policy Statement set the foundations for the Defence Capability Plan Review. The review of the capability plan is an extremely important activity that will focus the investment in military capability for the coming years. As a result, Defence personnel have been heavily engaged in the Defence Capability Plan Review to ensure it:

- provides coherent and meaningful options to Government for planned investments in future military capability to 2035;
- ensures that decisions are aligned with Government Defence Policy and its Fiscal Strategy;
- provides funding certainty; and
- provides a robust basis for Defence to undertake long-term planning and deliver planned investments.

s9(2)(f)(iv)

Released under the Official Information Act 1982

## **The Capability Management System**

The efforts to bring the Defence Force and Ministry of Defence together and streamline processes have seen the development of the Capability Management System. The resourcing of project needs is improving through the use of 'the Scale and Risk' Tool and we are using a portfolio, rather than a project-by-project approach, to manage these investments.

Key investments in the last 12 months will shape the future of Defence and be key to Defence supporting the Governments security and resilience aspects for Community, Nation and World themes from each of the Domains.

All of these Defence capabilities rely on the involvement of industry throughout their manufacture, delivery and operational life. Be that supplying a platform, system or component of that platform, a standalone item of equipment or a service to any of the above. Keep that in mind as I go through these projects and as you hear from the Domain and other specialist throughout the Forum.

## **Future Air Surveillance Capability Project (P-8A Poseidon)**

The \$2.3b procurement of four P-8A Poseidon aircraft via a US Government Foreign Military Sales arrangement is a good news story. It helps New Zealand retain a modern Maritime Surveillance Capability, meet the Government's expectations of Defence in this area and ensure interoperability with our partners.

The aircraft, their on-board systems, the ground support equipment, the training simulators and almost every other piece of equipment associated with them is complex and costly. However the benefits for New Zealand, our neighbours or international partners when these aircraft are tasked with SAR, Maritime Patrols, or a range of other Military or Humanitarian and Disaster Relief missions will quickly demonstrate their worth.

The P8 is part of the wider Air Surveillance capability, which could include other manned and unmanned systems and wide range of other C4ISR sensors and communication channels.

The P8's Complementary Capabilities have not been defined yet. Yesterday's workshop and others like it will help with the process. And the final Air Surveillance capability [solution] will be

complex, spanning a number of Government Agencies and requiring a wide range of Industry involvement (from OEMs, to integrators and subcontractors, to service and training providers).

*Incidentally, earlier this month(Oct): Boeing completed production of the 100th P-8 Poseidon multi-purpose, maritime patrol aircraft at the company's factory in Washington state. So this is a well-established platform that will serve us well and offer great opportunities for supporting industries well into the future.*

### **NEA Project and the TREC (Test, Reference and Evaluation Capability)**

NEA Tranche One will deliver a network enabled capability to one light infantry company, a task group headquarters, and enhancements to a special operations element. It includes the training and support of equipped forces. The capability will be deployable and interoperable with our partners. The Capability sets include systems that provide communications and situational awareness plus a Testing, Reference and Evaluation Centre (TREC).

[Mobile Tactical Communication Systems (MTCS) Common Universal Bearer System (CUBS), Common Command Post Operating Environment (CCPOE)]

The TREC is a purpose built facility for the design, integration and testing of communications systems, software applications and sensor systems required for a modern, network enabled Defence Force. It is one of the foundations of the NEA capability that provides assurance that the systems being acquired for the NEA capability meet their specific requirements and function correctly within the broader system.

### **Protected Mobility Capability Project (PMCP)**

PMCP will deliver protected mobility capability able to meet the challenges of the contemporary operating environment and future operating concepts. It is a 12+ year project which will replace the capabilities offered by the Pinzgauer and Unimog fleets. It will also significantly upgrade OR replace the NZ Light Armoured Vehicle capability, later in the Project. The capability will maintain NZDF land mobility, improve the range of military response options available to Government and enable the NZDF to fulfil its duty of care responsibilities.

### **Maritime Sustainment Capability (HMNZS Aotearoa)**

There is a lot going on in the Maritime domain.

This Maritime Sustainment Capability, HMNZS Aotearoa is currently under construction at Hyundai Heavy Industries Ship Yards in South Korea.

It's a step change from our previous 'tanker' and provides a full Maritime Sustainment Capability.

The Maritime Sustainment Capability will provide versatility and flexibility across a range of operating scenarios from task group operations to southern ocean sustainment.

### **Dive and Hydro Capability (HMNZS Manawanui)**

Alongside the Frigate Systems Upgrade and construction of AOTEAROA, the purchase of a new Dive and Hydrographic vessel (the MV Edda Fonn from Norway) is another step towards the Next Navy.

It will enable the Navy to conduct specialist dive and hydrographic operations from the sea around New Zealand and the Pacific region, alongside our various international partners and other government agencies.

It will do its part in ensuring we have modern, credible capabilities and platforms with which to contribute to regional maritime security and protect our nation's interests in the maritime domain.

The Edda Fonn is expected to arrive in Devonport in May next year, where she will be outfitted and commissioned into service as HMNZS MANAWANUI (Meaning 'big heart' or 'steadfast'). She will be the fourth ship to bear this name.

## **Space**

Space from a NZDF perspective is all about communication, situation awareness and navigation. For us, it's not about Astronauts or deep exploration. However it is still an exciting area with some fast moving technologies, used across all other domains - which we need to have a grasp of to get the most out of our P8s, Frigate upgrades and other capabilities.

## **The Information Domain**

Equally, the information domain is a complex area where we have a number projects and programmes. It is an area of rapid technology change and significant interdependencies across a range of Defence and wider Government organisations and capabilities.

It is about understanding our environment and protecting our systems. The Government has recognised the need for this in the Defence White Paper 2016 and more recently the Strategic Defence Policy Statement 2018.

To be successful we need technology that is interoperable and enables good decisions.

## **Summary/Close**

As you have heard, there are some significant capability projects that are underway and to be delivered in the short to medium term. Additionally, there are likely to be some large projects initiated as a result of the Defence Capability Plan review 2018.

As we strive for future capability to be sustainable and interoperable we are mindful that we cannot achieve this in isolation and that Defence Industry is a key enabler.

Defence industry engagement is a pillar of our Capability Management System and as we look to modernise our Defence Force we seek your input to make our Defence Force NZ world class.