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# AIR SURVEILLANCE COMPLEMENTARY CAPABILITY WORKSHOP

Tuesday 30 October 2018 1200 – 1430



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# Agenda

**1200** Introductions and participants.

**1210** Outline of the Complementary Capability Project

- Origins and Environment
- Project Status
- Intent of Workshop

**1230** Government Agencies' presentations

**1300** Industry Case Study presentations

**1400** Summary of workshop and Next Steps to:

- Shape the development of the Air Surveillance Complementary Capability business case;
- Shape the Request for Information to be released by the project; and
- Foster Industry partnering opportunities.

# Introductions and participants

- Defence (NZDF and MoD) as an integrated team to deliver the Complementary Capability project
- A broad community of Government Agencies as the customers for the capability
- Industry as support partners to both Defence and Government Agencies for development and realisation of the capability
- Today is the start of a dialogue

## Outline: Origins and Environment

- Future Air Surveillance Capability – Defence Capability Plan 2016
- Reconfirmed in Strategic Defence Policy Statement 2018
- Maritime Patrol component determined by Government with investment in P-8A Poseidon in July 2018



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# Outline: Government Policy

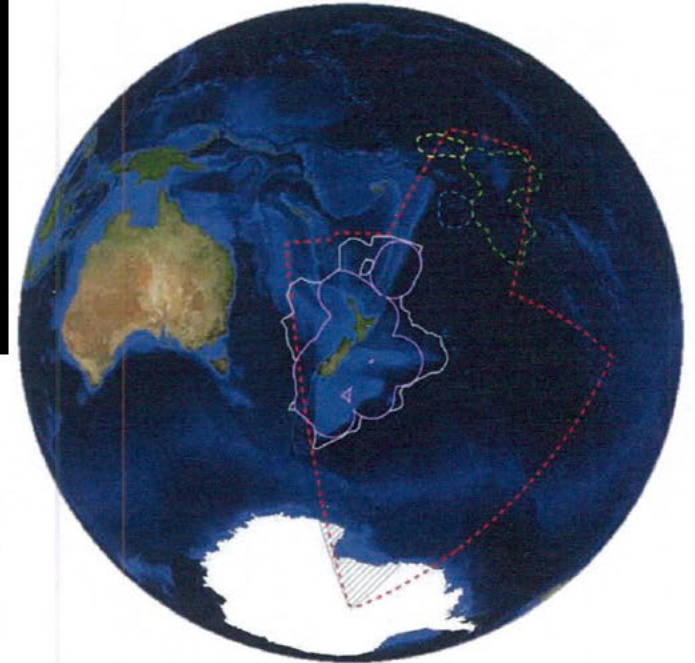
- Strategic Defence Policy Statement – Community, Nation, World and high priority on Pacific
- “share the P-8A burden for low end, civilian tasks”
- e.g. “small aircraft, remotely piloted aircraft systems or satellites” to perform the low end, civilian tasks more cost effectively.
- Government policy objectives across a large area of interest, with the Complementary Capability prioritised towards Community, Nation and Pacific.



# Outline: Government Policy

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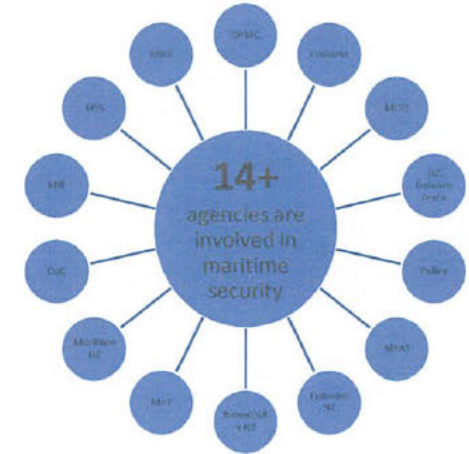
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# Outline: Project Status

- “Defence Led”, Integrated Project Team, Capability Management System, Better Business Case Framework
- On behalf of the community of Agencies - the customers for the capability
- A broad spectrum of diverse requirements across the community
- Operating and sustaining are considerations.



 Escalation of **trans-national organised crime** threats in the maritime domain.

 Increased pressures on maritime security in our region – resource scarcity, geopolitical competition and climate change.

 **Technological change** presents opportunities for malicious actors – new targets and reduces the protection that distance has traditionally offered New Zealand.

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# Outline: Project Status

- Return on Investment will be measured against the benefits to New Zealand delivered by the Complementary Capability
- Benefits are measured against the security objectives of each of the Agencies
- Will need to present to Government a compelling investment logic which demonstrates best (ROI) through maximum benefit delivery across the range of Agencies



# Outline: Intent of Workshop

- Large areas, diverse risks and threats, introduce information management challenge for Domain Awareness
- Air surveillance is a contributor to Domain Awareness
- Contemporary and emerging technologies - space based, remotely piloted and conventional aircraft.
- Defence and the Agencies need to become more knowledgeable about air surveillance capability systems.



# Outline: Intent of Workshop

- The challenges faced by New Zealand are not unique
- Similar challenges have been met by other countries
- We are keen to leverage the good outcomes from overseas
- This workshop is an opportunity to commence dialogue
  - Both sides (“NZ Inc” and Industry) develop a common view of the challenges and the ‘state of the art’
  - Shape the project’s thinking on options for further investigation during the Better Business Case process
  - To provide Industry opportunities for teaming to develop comprehensive offerings

# Government Agencies Presentations

- NZ Customs
- Ministry for Primary Industries
- National Maritime Coordination Centre
- NZ Search and Rescue



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# Industry Case Studies

- Mosfell (AUS)
- Nova Systems (NZ)
- Cobham Aviation Services (AUS)
- Airtask Group (UK)
- Textron Systems (AUS)

# Next Steps

- Summarise key points from this workshop
- All presentations and summary placed on Defence Industry Portal
- Integrated Project Team will develop the Request for Information
- Further engagement with Industry during early 2019

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- Defence Capability Plan Review may affect this timeline (but flexibility is one of the key attributes of air power after all ...)