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Comparative Defence Planning.

Lessons for New Zealand.

A thesis presented in partial fulfilment of the requirements for the degree of Master of Arts (Defence and Strategic Studies) at Massey University, Palmerston North, New Zealand.

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Abstract

The intent of this thesis is to identify ways in which defence planning can be improved in New Zealand. In order to do so, research examines practical examples of Capability Based Planning (CBP) amongst members of the Technical Co-operation Program (TTCP) - New Zealand, Australia, Canada, United Kingdom and United States. This approach has also been applied to defence planning processes in Singapore and Finland. As part of this, the TTCP's CBP model provides an essential comparative template and in doing so, the methodology employed is essentially that of a comparative case study.

This thesis has identified a number of positives and negatives amongst the research group. However, four particularly important findings have emerged. Firstly, New Zealand must find ways to better integrate technological change into capability decision making processes and across the capability life cycle. Secondly, external expertise is now widely employed by defence policy makers and this should be integrated into defence planning structures in this country. Thirdly, quantitative approaches to defence capability development offer significant potential and are well developed in partner states. This may provide a means by which to extend New Zealand's own capabilities in this regard. Lastly, examples of defence planning in Singapore and Finland suggest that a hybrid model based on CBP but adapted to the realities of a state's unique strategic culture, can work in a practical context. This flexibility of use means CBP continues to offer significant utility to defence planners in New Zealand as well as an evolutionary foundation upon which to base future defence capability development.

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Acronyms

ADF	Australian Defence Force
ANU	Australian National University
BLOC	Basic Level of Capability
CapDiM	Capability Discussion Matrix
CATCAM	Capability Assessment Methodology
CBP	Capability Based Planning
CDFAI	Canadian Defence and Foreign Affairs Institute
CDG	Capability Development Group
CDP	Capability Development Plan
CF	Canadian Forces
CFDS	Canada First Defence Strategy
CJTL	Canadian Joint Task List
CMB	Capability Management Board
CMF	Capability Management Framework
CRP	Corporate Risk Profile
CSIS	Centre for Strategic and International Studies
DAB	Defence Acquisition Board
DAB	Defence Advisory Board
DCARR	Defence Capability and Resourcing Review
DCG	Defence Capability Guide
DCP	Defence Capability Plan
DLOC	Directed Level of Capability
DLOD	Defence Lines of Development
DMO	Defence Materiel Organisation
DND	(Canadian) Department of National Defence
DOD	(United States) Department of Defense
DPA	Defence Planning Assumptions
DPG	Defence Planning Guidance
DRDC	(Canadian) Defence Research and Development Agency
DRMF	Defense Risk Management Framework
DSTA	(Singaporean) Defence, Science and Technology Agency
DSTL	(United Kingdom) Defence, Science and Technology Laboratory
DSTO	(Australian) Defence, Science and Technology Organisation
DTA	(New Zealand) Defence Technology Agency
EC	Employment Contexts
FDF	Finnish Defence Force
FIC	Fundamental Inputs to Capability
FJOC	Future Joint Operating Concepts
FPDA	Five Power Defence Arrangement
IRMF	Integrated Risk Management Framework
JCIDS	Joint Capabilities Integration and Development System