ADBR's 2009 'DCP at a Glance' - JP 1A

Table A: CONSOLIDATED 2009 DEFENCE WHITE PAPER & DEFENCE CAPABILITY PLAN
Schedule of Future 'Force 2030' Military Capability Enhancement Acquisition Initiatives & Projects

	Project Number/Phase	New Capability Description	Year of First DCP Listing	ACAT	Number of Units	New Capabilttiy, Likely Base Platform and/or Weapon	Legacy Platform/Weapon and/or Policy Decision	2009 Defence White Paper Proposed New Capability Mix and/or Declared 2009 DCP Project/Phase Scope	Time Band for 2009 DCP First Pass Approval	2009 DCP Second Pass Approval (Year of Decision)	Potential for Single 2nd Pass Approval
31	JP 66/1	Replacement for Air Defence Targets	2004	III	TBD	UAT platform/service provision contract	'Learjet'-towed targets, 'Kalkara', 'Jindivik'	Private service-provided - 10-year (5+5) contract - physical (UAV) targets to emulate specified threats, along with target launch, recovery & control systems	Complete	2010/11-2011/12	
32	JP 90/1	ADF Identification Friend or Foe	2004	III	n/a	Update to Mk XIIA IFF standard	Mode 4 Mk XII IFF/Air 5432 ADS-B Mode S	ADF platforms (with extant Mode 4 capability and those not yet Mode 5 compliant) to comply with Mark XIIA IFF standard	2011/12-2012/13	2013/14-2015/16	
33	JP 129/4	Tier 1 Unmanned Aerial Vehicle	2009	IV	TBD	10-year LoT organic ISR for land force	RQ-11A 'Raven', 'Skylark'	Proven Tier I (Company-sized) UAS that can be operated within confined, urban environments for enhanced SA & increased FP. UAS to have 10-year service life	2010/11-2011/12	2011/12-2012/13	
34	JP 154/1	Joint Counter Improvised Explosive Device	2009	III	TBD	EW-based FP-ECM & CIED update	n/a	Phase 1 to introduce core (MOTS) EW systems for ADF FP-ECM capability and provide technology refresh of the range of ADF CIED systems	Complete	2009/10-2010/11	
35	JP 154/2	" " " " " " " " " " "	2009	III	TBD	Technology refresh/New equipment	n/a	Provide further refresh of CIED mission & support systems; will also introduce new IED detection equipment & weapons technical intel capability to enhance CIED	2011/12-2012/13	2013/14-2015/16	
36	JP 157/1	Replacement Refuelling Trucks	2009	III	TBD	New/enhanced units & hydrant carts	'International' twin-steers	Replace existing ADF aviation ground refuelling capability, including vehicles & hydrant carts. Procurement strategy - ownership or lease - not yet established	2011/12-2012/13	2013/14-2015/16	
37	JP 1544/1	Project Eden - Document Handling System	2009	III	n/a	New hardware & software	Disparate systems	Deliver a corporate ECM system (comprising an EDRM solution) across the Defence business and operational domains, servicing DRSN users in particular	2010/11-2011/12	2012/13-2014/15	
38	JP 1770/1	Rapid Environmental Assessment	2006	III	TBD	New systems/developmental software	WebREP (in service with JEC at HQJOC)	New geospatial & environmental data sensor collection & dissemination systems to better understand maritime operating environments for joint military operations	2011/12-2012/13	2013/14-2015/16	
39	JP 1771/1	Geomatic Support System	2009	III	TBD	New hardware & software	Largely manual approaches	New software to enable land forces to conduct automated geospatial collection, production, survey operations, geospatial data management to achieve COP and SA	2012/13-2014/15	2014/15-2016/17	
40	JP 2008/3H	MilSat - Wideband Terrestrial Terminals	2009	III	TBD	New terminals	Narrowband & L-Band terminals in MEAO	Action to make early use of WGS system by rapidly replacing L-Band & narrowband SATCOM terminals in MEAO with WGS certified terminals	2009/10-2010/11	2009/10-2010/11	Yes
41	JP 2008/5B	MilSat - Wideband Terrestrial Infrastructure	2009	III	TBD	New ground station/ terminals	Geraldton satellite ground station in WA (SGS-W)	Deliver a satellite ground station in east of Australia (SGS-E) for WGS system anchoring and delivery of transportable wideband ground terminals for land forces	2012/13-2014/15	2014/15-2016/17	
42	JP 2008/X	Enhanced UHF satellite communications	2001	III	1	Provider/platform yet to be determined	Optus C1 (Phase 3D)	Satellite to enhance UHF communications throughout the Pacific Ocean region	2016+	TBC	
43	JP 2025/6	'Jindalee' Operational Radar Network	2001	III	3	Upgrade/Sustain 3 sites & Edinburgh	pre-2001 MCE decision	OTHR sustainment & upgrade of sensor hardware & software, signals processing, data fusion, comms & information systems, simulation & OTFs & operator HMIs	2011/12-2012/13	2013/14-2015/16	
44	JP 2030/8	ADF Joint Command Support Environment	2001	III	n/a	COTS/MOTS upgrades	Phases 1-7, JCSE sub-set	Build upon capability & extend functionality being delivered in previous phases that are integrating JCSS, MCSS, ACSS, SOCSS and BCSS to form the JCSE	August 2006	2008-09	
45	JP 2030/9	JCSE across the ADF	2001	III	n/a	COTS/MOTS upgrades	Legacy JCSE Command Support Systems	Further establish the framework for the JCSE to consolidate existing CSSs into a single integrated environment linking all elements of the ADF	2016+	TBC	
46	JP 2044/3A.1	Project Eagle Eye	2004	III	TBD	Enhanced networking	Phases 2A, 2B, 3B	Enhance connectivity and interoperability between Defence geospatial intelligence agencies and units	2009/10-2010/11	2010/11-2011/12	
47	JP 2044/4	Digital Topographical Systems Upgrade	2009	III	TBD	Improved networking/ interoperability	Phase 3A.1	Further improve the interoperability of Defence geospatial intelligence agencies, and to enhance GEOINT interoperability with allies	2009/10-2010/11	2012/13-2014/15	
48	JP 2044/5+	Defence GEOINT Capabilities	2014*	III	TBD	Exploit geospatial data	DWP'09, Phases 3A.1, 4	Further enhance the overall capability and enable Defence to maintain high level technology and effectiveness in this enterprise	2013+	TBC	
49	JP 2047/3	Wide Area Comms Network Replacement	2001	III	n/a	Enhancements	Phases 2B & 2C amalgamated into a single phase 3	Deliver one network connecting fixed and deployed locations built on a single set of standards and products to improve the conduct of military operations	2010/11-2011/12	2012/13-2014/15	
50	JP 2048/3	Amphibious Watercraft Replacement	2001	III	8	Navantia LCM-1E SSA at 1st pass	JP 2048/1A, LCM 2000 & LCM-8	Deliver LCM fleet able to operate in much wider range of weather conditions, at higher speed, with heavier loads (including 'Abrams' tank) than legacy systems	Complete	December 2010	
51	JP 2048/4C	Strategic Sea Lift Ship	2004	II	1	Proven design - 10-15,000t	HMAS 'Kanimbla'	DWP'09 - 15,000 tonne displacement, landing spots for helicopters; to also be employed in wide range of NCO	2019+	TBC	
52	JP 2048/5	Landing Craft Heavy Replacement	2001	III	6	New design	Originally JP 2048/3, Balikpapan'-class LCH	DWP'09 - Improved ocean going capabilities; Faster transit speeds than LCHs; transport armoured vehicles, trucks, stores and people; contributing to HDRO	2012/13-2014/15	2015/16-2017/18	
53	JP 2060/3	ADF Deployable Health Capability	2004	III	n/a	Improved (existing) capability	Phases 0, 1, 2A, 2B	Deliver next generation ADF DHC for prevention, treatment, evacuation of casualties. Adoption of whole of system approach to include HIS and HSL	2011/12-2012/13	2013/14-2015/16	
54	JP 2064/3	Geospatial Information Infrastructure & Services	2001	III	n/a	Project 'Dryad' equipment	Phases 1 & 2, & JP 42 (Project 'Parare')	Provide Defence operational planners in fixed and deployed locations with online access to (tailored) geospatial information & services in all security domains	2010/11-2011/12	2012/13-2014/15	
55	JP 2065/2	Integrated Broadcast System	2004	III	n/a	Upgraded/new system capabilities	Phase 1, Australian Integrated Broadcast Service	AIBS upgraded to enhance interoperability with allies; new system capabilities introduced; further AIBS infrastructure roll-out to ADF & interfacing to Defence's TIEE	2009/10-2010/11	2010/11-2011/12	
56	JP 2065/3	" " " " " " " "	2004	III	TBD	System extension/new technologies	Further AIBS infrastructure	Further develop capability of existing system and extend IBS capabilities to additional users (ie deployed forces). New technologies to be included	2011/12-2012/13	2012/13-2014/15	
57	JP 2068/2B.2	Computer Network Defence	2004	III	n/a	New hardware & software	Phases 1A, 1B & 2 (since split), 2B.1 (approved)	Provide enhanced CND infrastructure (via the HMAS Harman NOC & CND pilot system on DRN) to protect Defence's core information systems against intrusions	2011/12-2012/13	2012/13-2014/15	
58	JP 2069/2	High Grade Cyptographic Equipment	2001	III	TBD	Replacement & New equipment	Phase 1A, 1B (Next generation of secure telephony)	Partially replace existing ADF fleet of high grade cryptographic equipment. Proposal also includes management of new fleet and associated cryptographic keys	2010/11-2011/12	2010/11-2011/12	Yes
59	JP 2070/4	AP-3C Light Weight Torpedo Integration	2009	III	18	Eurotorp MU90 'Impact' or Mk54	DWP 2000, JP 2070/2 (DWP'01), then cancelled, Mk 46	Selected torpedo (MU90 LWT or another) must be able to conduct effective ASW operations in littoral environments & be simply, quickly integrated onto AP-3C	2009/10-2010/11	2009/10-2010-11	Yes
60	JP 2072/2A	Battlespace Communications System (Land)	2009	I	TBD	New infrastructure	Phase 2 (DCP'01) since split, and Land 75/4	Phase to align with other Land CIS projects, in particular Land 75/4, and is intended to provide the DCB and other low risk communication capabilities	2009/10-2010/11	2010/11-2011/12	
61	JP 2072/2B	" " " " " " " " " " " "	2009	I	TBD	Enhanced services	Phase 2, BCSS, BMS (L75/125)	Provide enhanced C2 services (ie enhanced trunking & switching infrastructure in land environment). 2A&B are key to achieving NCW milestone of Networked Brigade	2010/11-2011/12	2012/13-2014/15	
62	JP 2072/3	" " " " " " " " " " " "	2001	I	TBD	Refreshed/enhanced equipment	Phases 2A & 2B, BCSS, BMS (L75/125)	Continue expansion of enhanced comms to support joint operations. Phase to continue to equip a second brigade and its supporting elements & high readiness units	2010/11-2011/12	2012/13-2014/15	
63	JP 2072/4	Enhanced Comms for Joint Operations	2014*	I	TBD	Enhanced capabilities	DCP'01, BCSS, BMS (L75/125)	To continue expansion of enhanced communications to support joint operations. This phase will progressively equip the remaining elements of the Land Force	2016+	TBC	
64	JP 2077/2D	Improved Logistics Information Systems	2006	II	n/a	New/ enhanced systems	Phases 1, 2A, 2B.1, 2B.2, 2C - Defence MLIS/ SDSS	Integrate existing systems, acquire new systems & enhance areas of EMM, ER & CA management. Phase 2D to also provide AMPT in support of phase components	Complete	2011/12-2012/13	
65	JP 2078/2	Hyper-Spectral Imaging	2001	III	TBD	Study & HIS with external data	Phase 1 PDS (DCP'01)	Capability to aid detection & identification of WMDs, IEDs, camouflaged military equipment. Image sensors may be on manned aircraft, UAVs or space based	2011/12-2012/13	2013/14-2015/16	
66	JP 2080/2B.1	DMSI - Personnel Systems Modernisation	2009	III	n/a	Defence ICT/SRP Initiatives	Phase 2 (DCP'01) since split, 2A, 2B (since split) 2B.2	Improve the sustainability (of the DERPS), efficiency and effectiveness of Defence's finance and personnel management systems	2010/11-2011/12	2012/13-2014/15	
67	JP 2080/3	DMSI - Finance System	2004	III	n/a	Defence ICT/SRP Initiatives	" " " " " " " " " " " " " " " " " "	Further enhance/ or upgrade the finance management information systems to ensure effective, continued support to the ADO	2009/10-2010/11	2010/11-2011/12	
68	JP 2085/2&3	Explosive Ordnance Warstock	2004	III	TBD	Reconstitute reserve stocks	JP 2085/1 - SMArt 155, XM982 'Excalibur 1a', etc	Expanded ordnance stocks to meet a full range of concurrent short- and medium-term joint contingencies	2009/10-2010/11	2012/13-2014/15	
69	JP 2089/2B	TIED (Data Links)	2004	III	TBD	New/upgraded systems	Phases 1, 2 (split after 2006), 2A	Implement a VMF digital communications system on F/A-18A/B Hornet aircraft to provide greater interoperability with land forces during CAS missions	Complete	2009/10-2010/11	
70	JP 2089/3	" " " " "	2004	III	TBD	New/upgraded systems	" " " " " " " " " " "	Implement a VMF TIE solution for the Tiger ARH and to further develop the common support infrastructure to support the TIE	2010/11-2011/12	2012/13-2014/15	
71	JP 2090/1C	Combined Information Environment	2006	IV	TBD	Upgraded/ augmented systems	Phases 1A & 1B, CENTRIXS and Griffin initiatives	Deliver a range of multi-national information sharing capabilities that will be integrated into Defence's existing ICT TLS arrangements as much as possible	2009/10-2010/11	2010/11-2011/12	
72	JP 2096/1	Surveillance Enhancement	2004	III	TBD	Enhance ADD ISR assets/architecture	ADIIB architecture	Provide the means by which ISR assets across Defence are integrated into the ADIIB architecture, including the networking of distributed databases	2010/11-2011/12	2011/12-2012/13	
73	JP 2097/1B	REDFIN - Enhancements to SO Capability	2004	III	TBD	Land Mobility & Networked SOC	Phase 1 (since split), Supacat 'Nary', Land Rover 6x6	Provide three replacement fleets of vehicles to support SO tactical manoeuvre. NSOC to provide an IIE and range of electronic systems to support spectrum of SOs	2009/10-2010/11	2011/12-2012/13	
74	JP 2099/1	Identity Management - Project CERTE	2006	II	TBD	Defence-wide system	Change to threat/risk profile from shift to NCW Ops	Establish a standards compliant, common electronic identity service that can be leveraged throughout Defence's operational & corporate systems environment	Complete	2011/12-2012/13	
75	JP 2110/1A	CBRN Defence	2009	IV	TBD	New (proven) detectors	JP 141/1A (DCP'01)	Purchase MOTS or COTS chemical & radiological point detectors that are either already in use with ADF or with an allied defence force	2009/10-2010/11	2009/10-2010/11	Yes
76	JP 2110/1B	" " " "	2009	III	TBD	New systems	JP 141/1A (DCP'01)	Procure CBRND systems that address: physical protection, hazard management, warning & reporting, medical support and detection, identification & monitoring	2011/12-2012/13	2013/14-2015/16	
77	JP 3011/1	Non-Lethal Weapons	2009	III	TBD	Enhance/replace current capabilities	2007* DU, VAAGD, green warning lasers, pen-flares	Update current NLW across all three ADF Services to make them more relevant to current & future threats. Enhanced NLW suite to include: STIA, VAAGD & NLP	2011/12-2012/13	2013/14-2015/16	
78	JP 3021/1	Joint Combined Training Capability	2009	III	TBD	Expanded/enhanced capability	JP 2098/2 vide 2004 AUSMIN talks	Expand the functionality of the insitu JCTC to assist in the training on EW systems and the responses to EW threats through OTS solutions	2010/11-2011/12	2012/13-2014/15	
79	JP 3024/1	Woomera Range Remediation	2009	III	TBD	New systems	Extant Aerospace T&E and R&E equipment at WTF	New equipment to support all types of aerospace T&E and R&E beyond 2015: extension of manned/unmanned performance envelopes, weapons, EW systems testing	2010/11-2011/12	2012/13-2014/15	
80	JP 3025/1	Deployable IRR Capability	2009	III	TBD	Improved/ expanded capabilities	JP 2087/1 on the back of 9/11 & 2000 Olympic Games	Expand capabilities of IRR by providing rapidly deployable, specialist CBRNE prevention & response capability, including CBRNE recon & search support to SF	2010/11-2011/12	2012/13-2014/15	
81	JP 3027/1	JDAM Enhancements	2009	III	TBD	Enhanced system	Air 5409/1 (DCP'01), Mk 80 GP Bombs	Adapt CTD-developed JDAM-ER wing kit technology for production and final certification for use on the F/A-18A/B, and acquire a number of wing kits	2010/11-2011/12	2010/11-2011/12	Yes
82	JP 3028/1	Defence Simulation Program	2009	II	TBD	New systems	Defence Simulation Roadmap 2006	Acquire the simulation systems called for in the 2006 DSR, enabling an increase in the use of Navy, Army, Air Force and Joint simulation	2011/12-2012/13	2013/14-2015/16	
83	JP 5408/3	ADF NAVWAR Capability	2006	III	TBD	Enhanced/modified systems	Phases 1, 2B, 3A Study (DCP'04)	Enhance GPS on legacy ADF platforms (not included in Phase 2B) by providing protection or redundancy for selected capabilities in response to GPS denial activities	Complete	2010/11-2011/12	
84	JP XXXX	Enhanced Counter-WMD Capability	DWP	n/a	TBD	Supplementary equipment	JP 141, post-Olympics & 9/11 IRR reconstitution	Establish a deployable defensive counter-WMD (including decontamination) capability in the IRR to support land force or special forces operations	2013+	TBC	
85	JP XXXX	Remote Sensing Satellite	2014*	n/a	1	New design sensors & satellite	DWP'09 - Substantial ISR investment commitment	New high-res/cloud penetrating SAR imagery satellite for mapping, charting, navigation & targeting data	2013+	TBC	

NOTE: 1 - References to 2007* indicate new DCP capabilities emerging from the 2006 Defence Capability Update (DCU), and considered for approval prior to the Federal election; ^ This project was listed as phase 3 in the 2006-16 DCP and had an estimated expenditure of $450-600m (as a combination of C4I, lethality and survivability).

NOTE: 2 - References to 2014* and 2019* refer to new military capability acquisition projects signalled in the 2009 DCP'09 as most likely to achieve formal listing in either the 2014 or 2019 DCPs.

ADBR DEFENCE ACRONYM INDEX: See Table 'B' attachment or as download from www.adbr.com.au/data/ADBR-E_Prev.htm

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