

**Senate Foreign Affairs, Defence and Trade Legislation Committee**

Additional estimates 2003–2004, 18 February 2004

Correction to questions on notice from Department of Defence

**Defence Capability Plan**

**QUESTION W4**

Senator Evans

- a) At the top of page 72 of the Additional Estimates Statements it is stated that ‘the Government has approved around 100 projects or phases of projects, with an all up cost of some \$17.3 billion’. Please provide a full list of these 100 projects or phases of projects. As part of this list, please include (for each of these projects, or phases of these projects) the code for the project (eg Sea 1390 Phase 2), the project name, the current total budget, the amount spent to date and the current delivery schedule.
- b) Please provide an annual breakdown of all projected DCP expenditure under the new Plan (for the full period of the DCP – ie 2004 to 2014).
- c) Please provide a list of all projects in the previous DCP (including individual phases of projects) that are not in the new DCP. Please indicate why these projects do not appear in the new DCP (ie whether they have been cancelled, deferred or already approved and under way etc).
- d) Please provide a list of all projects (including individual phases of projects) in the new DCP that were not in the old DCP.
- e) Please provide a list of all changes to budget/cost band and schedule information to projects in the new DCP that were also in the previous DCP. Include individual phases of projects.
- f) Please indicate how much money was to have been spent on equipment projects under the former DCP for each year in the life of the Plan.
- g) How much will be saved by the decision to replace HMAS *Westralia* with a second hand ship (rather than a new one)?
- h) What are the savings to the budget of the decision to retire two mine hunters and the two oldest FFG frigates? Please provide this information for each of these capabilities.
- i) Which two mine hunters are being laid up?
- j) What is the total saving derived from retiring the F111s in 2010?

**RESPONSE**

- a) Since the Defence White Paper was released, around 100 projects have been approved at a total cost of some \$17.3b. These projects are detailed at Attachment A. The list does not contain classified or sensitive projects or Capability and Technology Demonstrators.
- b) For commercial reasons, it is not in the Commonwealth’s interests to disclose the total estimated cost of unapproved projects or details on the future estimated cashflows. Information on project cost bands has been provided in the DCP.
- c) Refer to public version of the Defence Capability Plan.
- d) Refer to public version of the Defence Capability Plan.
- e) For projects with an approved higher real cost estimate, refer to public version of the Defence Capability Plan.

**Senate Foreign Affairs, Defence and Trade Legislation Committee**

Additional estimates 2003–2004, 18 February 2004

Correction to questions on notice from **Department of Defence**

**Projects with an approved lower real cost estimate are<sup>(1)</sup>:**

Proposal Number	Phase	Proposal Title	Year of Decision
AIR 5416	3	Enhanced EWSP for F-111	2003-04
JP 5408	2B	ADF GPS Protection	2006-07
LAND 40	2	Direct Fire Support Weapon	2006-07
SEA 1654	2A	Maritime Operational Support Capability – <i>Westralia</i> Replacement	2003-04

**Note**

1. This list does not contain projects whose estimated cost has changed because of updated price or exchange parameters, or projects where the approved real cost estimate has varied within a given cost band.

**Projects with a changed year of decision are:**

Proposal Number	Phase	Proposal Title	From	To
AIR 5276	6	Data Links for P-3C Orions	2004-05	2006-07
AIR 5405	1	Replacement Mobile Region Operations Centre	2004-05	2006 -07
AIR 5416	3	Enhanced EWSP for F-111	2005-06	2003-04
AIR 7000	2	Maritime Aircraft Patrol Capability	2007-08	2006-07
AIR 8000	1	C-130H Refurbishment	2003-04	2009-10 to 2011-12
AIR 8000	2	Battlefield Airlifter	2004-05	2006-07
AIR 9000	2	Additional Trooplift Helicopters	2001-02	2003-04
AIR 9000	3B	Seahawk Mid-Life Upgrade – Initial Design Activity	2003-04	2006-07
AIR 9000	3C	Seahawk Mid-Life Upgrade	2004-05	2007-08
AIR 9000	5A	Chinook Upgrade – Early Engine Replacement	2007-08	2004-05
AIR 9000	5B	Chinook Mid-Life Upgrade	2007-08	2009-10 to 2011-12
DEF 7013	4	Joint Intelligence Support System	2003-04	2008-09 to 2010-11
JP 126	2	Joint Theatre Distribution System	2003-04	2006-07
JP 2008	3F	Military Satellite Communications	2004-05	2005-06
JP 2008	4	Military Satellite Communications	2007-08	2011-12 to 2013-14
JP 2030	8	ADF Joint Command Support Environment	2004-05	2006-07
JP 2030	9	ADF Joint Command Support Environment	2008-09	2010-11 to 2012-13
JP 2044	3A	Space Based Surveillance Capability	2010-11	2008-09 to 2010-11
JP 2047	2A	Wide Area Communications Network	2002-03	2003-04
JP 2047	2B	Wide Area Communications Network	2002-03	2006-07
JP 2047	2C	Wide Area Communications Network	2002-03	2009-10 to 2011-12
JP 2048	2	Amphibious and Afloat Support Study	Prior <sup>(1)</sup>	2003-04
JP 2048	3	Amphibious Watercraft: Life Of Type Extension	2004-05	2005-06
JP 2064	3	Geospatial Information Infrastructure and Services	2004-05	2009-10 to 2011-12
JP 2069	1B	High Grade Cryptographic Equipment	2004-05	2005-06
JP 2072	2	Battlespace Communications (LAND)	2004-05	2005-06
JP 2072	3	Battlespace Communications System (AIR)	2005-06	2007-08

**Senate Foreign Affairs, Defence and Trade Legislation Committee**

Additional estimates 2003–2004, 18 February 2004

Correction to questions on notice from Department of Defence

JP 2080	2A	Defence Management Systems Improvement	2002-03	2003-04
JP 2080	2B	Defence Management Systems Improvement	2002-03	2003-04
JP 5408	2B	ADF – GPS Enhancement	2004-05	2006-07
JP 5408	3A	ADF – GPS Enhancement – Risk Study	2004-05	2006-07
JP 5408	4A	ADF – GPS Enhancement – Risk Study	2004-05	2008-09 to 2010-11
LAND 58	3	Weapon Locating Radar Life of Type Extension	2003-04	2005-06
LAND 75	3.4	Battlefield Command Support System	2003-04	2005-06
LAND 91	6	Small Arms Life of Type Extension	2006-07	2008-09 to 2010-11
LAND 112	4	ASLAV Enhancement	2004-05	2006-07
LAND 125	2B	Soldier Combat System – Preliminary Design	2002-03	2003-04
LAND 125	2C	Soldier Combat System – Final Design	2002-03	2003-04
LAND 125	3	Soldier Combat System – Acquisition	2002-03	2006-07
LAND 125	4	Soldier Combat System – Further Acquisition	2007-08	2009-10 to 2011-12
SEA 1654	2A	Maritime Operational Support Capability – <i>Westralia</i> Replacement	2004-05	2003-04
SEA 1654	3	Maritime Operational Support Capability – Auxiliary Oiler Replacement	2007-08	2011-12 to 2013-14
SEA 4000	3	Air Warfare Destroyer	2005-06	2006-07

**Note**

1. Prior indicates that the project was approved before the release of the Defence White Paper 2000.

**Projects with a changed in-service date are<sup>(1)</sup>:**

<b>Proposal Number</b>	<b>Phase</b>	<b>Proposal Title</b>	<b>From</b>	<b>To</b>
AIR 5405	1	Replacement Mobile Region Operations Centre	2007	2009-10 to 2011-12
AIR 7000	1	Global Hawk	2007	2009-10 to 2011-12
AIR 7000	2	Multi-mission Unmanned Aerial Vehicle	2016	2013-14 to 2015-16
AIR 8000	1	C-130H Refurbishment	2008	2013-14 to 2015-16
AIR 9000	3C	Seahawk Mid-Life Upgrade	2007	2009-10 to 2011-12
AIR 9000	5B	Chinook Mid-Life Upgrade	2010	2011-12 to 2013-14
JP 126	2	Joint Theatre Distribution System	2005	2008-09 to 2010-11
JP 129	2	Airborne Surveillance for Land Operations	2007	2008-09 to 2010-11
JP 5408	2B	ADF – GPS Enhancement	2007	2008-09 to 2010-11
LAND 58	3	Weapon Locating Radar Life of Type Extension	2005	2007-08 to 2009-10
LAND 112	4	ASLAV Enhancement	2008	2009-10 to 2011-12
LAND 121	3A	Overlander – Field Vehicles and Trailers	2007	2008-09 to 2010-11

**Note**

1. This list contains projects whose estimated in service date has moved between bands.

**Senate Foreign Affairs, Defence and Trade Legislation Committee**

Additional estimates 2003–2004, 18 February 2004

Correction to questions on notice from Department of Defence

- f) The following table shows the planned spending for Major Capital Equipment Projects at the time of the 2001 DCP (in December 2000 prices and exchange). As well as the DCP projects, the table also includes the last of the expenditure on projects that were in contract at the time of the White Paper.

2001-02 \$m	2002-03 \$m	2003-04 \$m	2004-05 \$m	2005-06 \$m	2006-07 \$m	2007-08 \$m	2008-09 \$m	2009-10 \$m	2010-11 \$m	Total \$m
2,882	2,846	3,350	3,305	3,444	3,884	3,941	3,828	4,213	4,670	36,363

- g) At this stage it is too early to quantify the level of savings from replacing HMAS *Westralia* with an existing ship rather than having a new ship built in Australia. It should be noted that a number of factors underlie the current acquisition strategy. These include the need for a rapid replacement to comply with impending international marine pollution conventions and regulations governing tanker hull design, while at the same time undertaking the conversion work in Australia to contribute to in-country skills formation.
- h) The operating savings resulting from retirement of the two mine hunters from 2005-2006 are indicated below, with a total of \$187.8m over ten years.

	2004-05 \$m	2005-06 \$m	2006-07 \$m	2007-08 \$m	2008-09 \$m	2009-10 \$m	2010-11 \$m	2011-12 \$m	2012-13 \$m	2013-14 \$m	Total \$m
<b>Operating Savings</b>	0.0	19.0	21.1	21.1	21.1	21.1	21.1	21.1	21.1	21.1	187.8

The two oldest FFG frigates are to be withdrawn without replacement from 2006. The operating savings are indicated below, with a total of \$678m over ten years.

	2004-05 \$m	2005-06 \$m	2006-07 \$m	2007-08 \$m	2008-09 \$m	2009-10 \$m	2010-11 \$m	2011-12 \$m	2012-13 \$m	2013-14 \$m	Total \$m
<b>Operating Savings</b>	0.0	58.0	71.0	80.0	70.0	80.0	83.0	83.0	80.0	73.0	678.0

- i) The decision of which two mine hunters are to be laid up is dependent on the detailed planning being undertaken by Chief of Navy. The outcome of this is expected by the end of March 2004.
- j) Retirement of the F111s in 2010 will result in a total saving of \$486.9m over ten years, as indicated below.

	2004-05 \$m	2005-06 \$m	2006-07 \$m	2007-08 \$m	2008-09 \$m	2009-10 \$m	2010-11 \$m	2011-12 \$m	2012-13 \$m	2013-14 \$m	Total \$m
<b>Operating Savings</b>	0.0	0.0	0.0	0.0	0.0	8.7	51.0	145.4	138.4	143.4	486.9

**Senate Foreign Affairs, Defence and Trade Legislation Committee**

Additional estimates 2003–2004, 18 February 2004

Correction to questions on notice from Department of Defence

**Defence Capability Plan Projects approved since the 2000 White Paper<sup>(1)</sup>**

**ATTACHMENT A**

<b>Proposal Number</b>	<b>Phase</b>	<b>Project Title</b>	<b>Year of decision</b>	<b>Expenditure to 30/6/03 \$m</b>	<b>Cost Band \$m<sup>(2)</sup></b>	<b>Current in-service date</b>
AIR 87	2	Armed Reconnaissance Helicopters	Prior <sup>(3)</sup>	140	1500 to 2000	2004 -05
AIR 5077	3	Airborne Early Warning and Control	Prior	1026	2500 to 3500	2006-07
AIR 5333	1	2 and 3 Control and Reporting Units	Prior	33	200 to 250	2007-08
AIR 5376	2	F/A-18 Hornet Upgrade	Prior	533	1000 to 1500	2007-08
AIR 5401	1	Medium Tactical Airlift Capability	Prior	15	30 to 50	2002-03
AIR 5416	1	Echidna - Electronic Warfare Self-Protection for ADF Aircraft	Prior	41	75 to 100	2002-03
DEF 224	1	BUNYIP	Prior	6	10 to 20	2002-03
JP 2008	3E	MILSATCOM Ground Infrastructure	Prior	15	100 to 150	2003-04
JP 2048	1A	Amphibious Watercraft	Prior	7	50 to 75	2004-05
JP 2049	2	Australian Electronic Key Management System	Prior	6	20 to 30	2005-06
JP 2054	1A	e-Defence	Prior	49	100 to 150	2003-04
LAND 19	2B	Very Low Level Air Defence Weapon Simulator	Prior	2	10 to 20	2004-05
LAND 53	2B	NINOX - Unattended Ground Sensors	Prior	24	30 to 50	2006-07
LAND 53	1F	NINOX - Thermal Surveillance Systems	Prior	34	50 to 75	2005-06
LAND 121	2A	General Service Field Vehicles	Prior	3	75 to 100	2004-05
LAND 125	2A	Soldier Combat System - Study	Prior	4	10 to 20	2002-03
LAND 132	1	Additional Commando Capability	Prior	21	50 to 75	2003-04
SEA 1348	3A	Anzac Underwater and Surface Warfighting Upgrade - Harpoon Missile	Prior	58	150 to 200	2004-05
SEA 1397	4	NULKA Support	Prior	5	20 to 30	2001-02
SEA 1397	3	NULKA	Prior	32	50 to 75	2001-02
SEA 1401	3	Survey Motor Launch Upgrade	Prior	1	50 to 75	2005-06

**Senate Foreign Affairs, Defence and Trade Legislation Committee**

Additional estimates 2003–2004, 18 February 2004

Correction to questions on notice from Department of Defence

AIR 5190	1A	Caribou Life of Type Extension	2001-02	13	100 to 150	2002-03
AIR 5376	3.1	Hornet Structural Refurbishment - Stage 1	2001-02	10	30 to 50	2003-04
AIR 5376	3.2A	Hornet Structural Refurbishment Stage 2 - Engineering Study	2001-02	0	Less than 10	2006-07
AIR 5398	1A/2	Air-to-Surface Stand-off Weapon System	2001-02	300	350 to 450	2005-06
AIR 5416	1A	Echidna - Electronic Warfare Self Protection - Ground Environment	2001-02	2	20 to 30	2002-03
JP 126	1	Joint Theatre Distribution System - Study	2001-02	4	Less than 10	2004-05
JP 141	1A	Chemical, Biological and Radiological Response	2001-02	2	30 to 50	2007-08
JP 2030	7A	ADF Joint Command Support System	2001-02	34	50 to 75	2003-04
JP 2059	2A	Bulk Liquid Distribution - Ship to Shore	2001-02	9	50 to 75	2006-07
JP 2059	3	Water Desalinisation	2001-02	6	30 to 50	2003-04
JP 2060	1	Enhanced Deployable Medical Capability - Project Definition Study	2001-02	2	Less than 10	n/a
JP 2068	1A	Defence NOC	2001-02	n/a	10 to 20	2003-04
JP 2068	1B	Defence NOC - Shapes Vector	2001-02	2	Less than 10	2002-03
JP 2077	1	Improved Logistics Information Systems	2001-02	32	30 to 50	2004-05
JP 2088	1	Second Counter Terrorist Tactical Assault Group (2TAG)	2001-02	4	50 to 75	2007-08
JP 8001	3B	Deployable Joint Force Headquarters	2001-02	8	10 to 20	2002-03
JP 8001	3C.1	Headquarters Australian Theatre (Intelligence Support Facility)	2001-02	1	Less than 10	2001-02
LAND 19	5A	RBS-70 Life of Type Extension - CLOSED	2001-02	1	Less than 10	n/a
LAND 19	6	Additional Point Ground Based Air Defence	2001-02	17	100 to 150	2006-07
LAND 134	1	Enhanced Combat Training Centre	2001-02	8	75 to 100	2006-07
SEA 1390	4A	FFG SM-1 Missile Replacement	2001-02	0	10 to 20	2007-08
SEA 1428	2B/3	Evolved Seasparrow Missiles	2001-02	141	250 to 350	2004-05
SEA 1429	2	Heavyweight Torpedo	2001-02	55	350 to 450	2006-07
SEA 1439	3	Collins Class Submarine Capability Enhancements	2001-02	75	350 to 450	Annually
SEA 1439	4B	Collins Submarine - Replacement Combat System	2001-02	0	30 to 50	2005-06

**Senate Foreign Affairs, Defence and Trade Legislation Committee**

Additional estimates 2003–2004, 18 February 2004

Correction to questions on notice from Department of Defence

SEA 1442	2B	Maritime Communication and Information Management Architecture Modernisation - Study	2001-02	1	Less than 10	2002-03
SEA 1448	1	Anzac Anti Ship Missile Defence	2001-02	2	Less than 10	2003-04
AIR 5402	1	Air to Air Refuelling	2002-03	3	2000 to 2500	2007-08
AIR 5416	2	Electronic Warfare Self Protection for Tactical Aircraft	2002-03	0	250 to 350	2006-07
AIR 5999	n/a	Joint Strike Fighter Design Phase	2002-03	10	200 to 250	n/a
AIR 6000	1	New Aerospace Combat Capability – Options Determination	2002-03	2	30 to 50	n/a
JP 199	1	Special Operations Command	2002-03	0	50 to 75	2004-05
JP 2064	2	Geospatial Information Infrastructure and Services	2002-03	0	10 to 20	2004-05
JP 2070	2	Lightweight ASW Torpedo	2002-03	41	250 to 350	2005-06
JP 2072	1	Battlespace Communications Systems (Land)	2002-03	0	75 to 100	2005-06
JP 2077	1A	Improved Logistics Information Systems PDS	2002-03	5	Less than 10	n/a
JP 2084	1	High Frequency Surface Wave Radar (HFSWR)	2002-03	5	10 to 20	n/a
JP 2085	1A	Explosive Ordnance Warstock	2002-03	n/a	20 to 30	n/a
JP 2087	1	Incident Response Regiment	2002-03	2	10 to 20	2007-08
JP 5408	2A	ADF GPS Enhancement - Risk Study	2002-03	1	Less than 10	n/a
JP 5408	1B	ADF GPS Enhancement - Memorandum of Understanding	2002-03	0	Less than 10	n/a
JP 8001	3C.2	Accredited Deployable Secure Intelligence Facilities	2002-03	0	10 to 20	n/a
LAND 40	1	Direct Fire Weapon	2002-03	19	100 to 150	2005-06
LAND 75	3.3B	Battlefield Command Support System	2002-03	8	20 to 30	2008-09
LAND 106	2	M113 Vehicle Fleet Upgrade	2002-03	107	450 to 600	2006-07
LAND 139	1	Enhanced Bridging Capabilities	2002-03	0	10 to 20	n/a
SEA 1229	4	NULKA - Active Missile Decoy	2002-03	0	30 to 50	2004-05
SEA 1348	3C	Anzac Undersea and Surface Warfighting Upgrade Program - Mine and Obstacle Avoidance Sonar	2002-03	0	50 to 75	2005-06
SEA 1439	4A	Collins Combat System	2002-03	27	350 to 450	2006-07
SEA 1444	1	Patrol Boat Replacement	2002-03	4	350 to 450	2004-05
SEA 4000	1A	Air Warfare Destroyer - Non-Design Related Studies	2002-03	2	Less than 10	n/a

**Senate Foreign Affairs, Defence and Trade Legislation Committee**

Additional estimates 2003–2004, 18 February 2004

Correction to questions on notice from Department of Defence

AIR 5276	5A	P-3C Orion EO Enhancement	2003-04	0	10 to 20	2009 to 2011
AIR 5276	8A	AP-3C Electronic Support Measures - Automatic Test Equipment	2003-04	0	10 to 20	n/a
AIR 5376	3.1A	Hornet Structural Refurbishment	2003-04	0	50 to 75	2003-04
AIR 5376	3.2B	Hornet Structural Refurbishment Stage 2	2003-04	0	150 to 200	2006-07
JP 1	R	Harpoon Missile Upgrade	2003-04	0	30 to 50	n/a
JP 2025	5	JORN Upgrade	2003-04	0	50 to 75	2006 to 2008
JP 2047	2A	Wide Area Communications Network	2003-04	0	10 to 20	2005 to 2007
JP 2060	2A	Deployable Medical Capability - Early Acquisition	2003-04	0	Less than 10	n/a
JP 2065	1	Integrated Broadcast System	2003-04	0	10 to 20	2006-07
JP 2070	3	Lightweight Torpedo	2003-04	0	250 to 350	2007-08
JP 2077	2A	Improved Logistics Information Systems - Project Definition Study	2003-04	0	10 to 20	n/a
JP 2080	2A	Defence Management Systems Improvement	2003-04	0	Less than 10	2004 to 2006
JP 2085	1B	Explosive Ordnance Warstock	2003-04	0	150 to 200	2005 to 2007
JP 2089	1	Tactical Information Exchange Domain (Link 16) - Project Definition Study	2003-04	0	Less than 10	n/a
JP 2090	1A	Combined Information Environment Risk Reduction Study	2003-04	0	Less than 10	n/a
SEA 1102	3A	Laser Airborne Depth Sounder Replacement	2003-04	0	10 to 20	2005-06
SEA 1448	2A	Anzac Anti Ship Missile Defence Upgrade	2003-04	0	450 to 600	2008-09
SEA 4000	1B	Air Warfare Destroyer Study	2003-04	0	Less than 10	n/a

**Notes**

1. This list is correct as at 28 February 2004.
2. Pre-Expenditure Review Committee constant price basis.
3. Prior indicates that the project was approved before the release of the Defence White Paper 2000.