

**Question on notice no. 155**

**Portfolio question number: 155**

**2020-21 Budget estimates**

**Foreign Affairs, Defence and Trade Committee, Defence Portfolio**

**Senator Kimberley Kitching:** asked the Department of Defence on 26 October 2020

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Provide a reconciliation of the information in the 2016 Integrated Investment Program (IIP) six "Summary of key investment decisions" tables (on pages 36, 60, 73, 89, 101 and 119 of the publicly released IIP) with the information in the 2020 Force Structure Plan (FSP) six "Key Investments" charts (on pages 31, 45, 57, 63, 77 and 85 of the FSP) .

(a) Include information reconciling how capability program titles, program timeframes and investment values have changed as between the IIP tables and the FSP charts.

(b) Please identify capability programs in the IIP tables which are not included in the FSP charts and indicate the current status of these programs.

(c) Likewise please identify capability programs in the FSP charts which were not included in the IIP tables. Identify any programs from both the IIP and the FSP which have been approved and provide relevant project numbers.

**Answer —**

Answer attached

# **Senate Standing Committees on Foreign Affairs Defence and Trade - Legislation**

Budget Estimates – 26/27 October 2020

ANSWER TO QUESTION ON NOTICE

Department of Defence

**Topic:** SSFADT – BE – 26/27 October 2020 – Q155 – 2016 Integrated Investment Program (IIP) - Senator KITCHING

**Question reference number:** 155

**Senator:** Kimberley Kitching

**Type of question:** Written

**Date set by the committee for the return of answer:** 11 December 2020

## **Question:**

Provide a reconciliation of the information in the 2016 Integrated Investment Program (IIP) six “Summary of key investment decisions” tables (on pages 36, 60, 73, 89, 101 and 119 of the publicly released IIP) with the information in the 2020 Force Structure Plan (FSP) six “Key Investments” charts (on pages 31, 45, 57, 63, 77 and 85 of the FSP).

- a) Include information reconciling how capability program titles, program timeframes and investment values have changed as between the IIP tables and the FSP charts.
- b) Please identify capability programs in the IIP tables which are not included in the FSP charts and indicate the current status of these programs.
- c) Likewise please identify capability programs in the FSP charts which were not included in the IIP tables. Identify any programs from both the IIP and the FSP which have been approved and provide relevant project numbers.

## **Answer:**

### **Response for a) and b)**

The 2020 Force Structure Plan details the Government’s intentions for new and adjusted Australian Defence Force (ADF) capability investments to implement the new strategic objectives in the 2020 Defence Strategic Update.

To ensure Defence remains responsive to the challenges of today and to those in the future, adjustments have been made to several investments planned in the 2016 Defence White Paper. These are necessary to deliver other priorities that will ensure the future ADF can project military power to shape our environment, deter actions against our interests and, when required, respond with effective military force.

The 2016 Defence White Paper introduced a framework for Defence capability based around streams and programs, to ensure a joint and integrated approach to capability, rather than a focus on individual projects.

Building upon the White Paper intent to move toward improved joint and integrated program outcomes, the capability streams have been refined into five operational domains: Information and Cyber, Maritime, Air, Space, and Land, supported by the critical enabling capabilities of the Defence Enterprise.

The transition to the new Capability Program Architecture has resulted in a revised attribution of capability investments from six streams to five operational domains that better reflect the nature of the capabilities.

### Response for c)

To maintain Defence's security, strategic and commercial leverage, Defence does not publish a comprehensive list of all project approvals or investment values as these are classified or sensitive.

For the period from the release of the 2016 Defence White Paper to 30 November 2020, the Government has approved and publically announced the following capability proposals, listed below.

Note: 'Other' approvals listed in the table included submissions that provided advice to Government on current and future capability and early access to Integrated Investment Program funding. This early funding is used to complete critical capability development work and risk-reduction activities ahead of seeking First and/or Second Pass approval.

| Serial | Project Number     | Project Title  | Approval Achieved | Announced        |
|--------|--------------------|--|-------------------|------------------|
| 1      | SEA 1180 Phase 1   | Offshore Patrol Vessel – Batch 1                               | First Pass        | 18 April 2016    |
| 2      | SEA 5000 Phase 1   | Future Frigate   | First Pass        | 18 April 2016    |
| 3      | SEA 3036 Phase 1   | Pacific Patrol Boat  | Second Pass       | 18 April 2016    |
| 4      | SEA 1000 Phase 1&2 | Future Submarine Design and Construction                       | Other             | 26 April 2016    |
| 5      | EST 500 Phase 2A   | Electronic Warfare Operations Support                          | Second Pass       | 6 September 2016 |
| 6      | JP 157 Phase 1     | Replacement National Support Base Aviation Refuelling Vehicles | Second Pass       | 6 September 2016 |
| 7      | Submarines         | Collins Submarine Update                                       | Other             | 21 October 2016  |

| Serial | Project Number     | Project Title   | Approval Achieved | Announced        |
|--------|--------------------|---|-------------------|------------------|
| 8      | LAND 53 Phase 1BR  | Night Fighting Equipment Replacement Program                            | Second Pass       | 28 October 2016  |
| 9      | SEA 1180 Phase 1   | Offshore Patrol Vessel update   | Other             | 30 November 2016 |
| 10     | INV 1 Phase 2016   | Defence Innovation Hub governance, launch and funding                   | Other             | 5 December 2016  |
| 11     | Shipbuilding       | Naval Shipbuilding - Infrastructure and Workforce Matters               | Other             | 7 December 2016  |
| 12     | EST N2253          | Garden Island (East) Critical Infrastructure Recovery Project Stage One | Second Pass       | 2 March 2017     |
| 13     | DSTO FSR11 Phase 1 | Next Generation Technologies Fund                                       | Other             | 17 March 2017    |
| 14     | SEA 5000 Phase 1   | Future Frigate Update   | Other             | 31 March 2017    |
| 15     | LAND 19 Phase 7B   | Ground Based Air and Missile Defence Enhancements or Replacement        | First Pass        | 10 April 2017    |
| 16     | SEA 1000 Phase 1&2 | Future Submarine Design and Construction                                | Other             | 9 May 2017       |
| 17     | Naval Shipbuilding | Naval Shipbuilding Plan   | Other             | 16 May 2017      |
| 18     | ICT 2287 Phase 1   | Optus C1 Satellite Extension  | Second Pass       | 1 June 2017      |
| 19     | LAND 129 Phase 4   | Tier 1 Unmanned Aerial System   | Second Pass       | 1 June 2017      |

| Serial | Project Number     | Project Title  | Approval Achieved | Announced         |
|--------|--------------------|--|-------------------|-------------------|
| 20     | DEF 799 Phase 1    | GEOINT Satellite Capability – Enhanced Commercial Access                             | Second Pass       | 18 June 2017      |
| 21     | LAND 2110 Phase 1B | Chemical, Biological, Radiological and Nuclear Defence - Continuous Program          | Second Pass       | 3 July 2017       |
| 22     | AIR 5077 Phase 5A  | Airborne Early Warning & Control Interoperability Compliance Upgrade                 | Second Pass       | 5 July 2017       |
| 23     | JP 2008 Phase 5B.2 | Military Satellite Capability - Satellite Ground Station East and Network Management | Second Pass       | 10 July 2017      |
| 24     | INV 1 Phase 2016   | Defence Single Innovation Fund   | Other             | 20 September 2017 |
| 25     | SEA 5000 Phase 1   | Future Frigate   | Other             | 3 October 2017    |
| 26     | SEA 1439 Phase 3.1 | Collins Obsolescence Management - Stage 2  | Second Pass       | 4 October 2017    |
| 27     | SEA 1439 Phase 5B2 | Collins Communications Upgrade - Stage 2   | Second Pass       | 4 October 2017    |
| 28     | SEA 1448 Phase 4B  | ANZAC Air Search Radar Replacement   | Second Pass       | 4 October 2017    |
| 29     | SEA 1397 Phase 5B  | Nulka Missile Decoy Enhancements   | Second Pass       | 3 November 2017   |
| 30     | SEA 1180 Phase 1   | Offshore Patrol Vessel - Batch 1   | Second Pass       | 24 November 2017  |
| 31     | LAND 200 Phase 2   | Battlefield Command Systems (Tranche 2)  | Second Pass       | 28 November 2017  |

| Serial | Project Number     | Project Title   | Approval Achieved | Announced        |
|--------|--------------------|---|-------------------|------------------|
| 32     | Shipbuilding       | Naval Shipbuilding Workforce Package                          | Other             | 11 December 2017 |
| 33     | LAND 17 Phase 1C.2 | Future Artillery Ammunition                                   | Second Pass       | 23 January 2018  |
| 34     | SEA 1000 Phase 1/2 | Future Submarine Design and Construction                      | Other             | 25 January 2018  |
| 35     | EST C8929 Phase 1  | Defence Site Maribyrnong Disposal and Remediation Project     | Other             | 24 February 2018 |
| 36     | AIR 5431 Phase 3   | Civil Military Air Traffic Management System                  | Other             | 26 February 2018 |
| 37     | AIR 2025 Phase 6   | Jindalee Operational Radar Network                            | Second Pass       | 5 March 2018     |
| 38     | LAND 400 Phase 2   | Land Combat Vehicle System                                    | Second Pass       | 14 March 2018    |
| 39     | EST Z012 Phase 0   | RAAF Butterworth Mid Term Refresh                             | First Pass        | 25 June 2018     |
| 40     | AIR 7000 Phase 1B  | Multi-mission Unmanned Aircraft System (MUAS)                 | Second Pass       | 26 June 2018     |
| 41     | SEA 5000 Phase 1   | Future Frigates   | Second Pass       | 29 June 2018     |
| 42     | EST J0109 Phase 1  | Larrakeyah Barracks Redevelopment, Darwin (include Norforce)  | Second Pass       | 30 June 2018     |
| 43     | EST N2238 Phase 0  | Facilities to Support Naval Operations in the North           | Second Pass       | 30 June 2018     |
| 44     | EST N2253B Phase   | Garden Island (East) Critical Infrastructure Recovery Project | Second Pass       | 17 July 2018     |

| Serial | Project Number     | Project Title   | Approval Achieved | Announced         |
|--------|--------------------|---|-------------------|-------------------|
| 45     | LAND 121 Phase 5B  | Overlander - Medium & Heavy Tactical Training Vehicles                | Second Pass       | 25 July 2018      |
| 46     | LAND 400 Phase 3   | Land Combat Vehicle System  | First Pass        | 24 August 2018    |
| 47     | SEA 3035 Phase 1   | Navy Training Pipeline Simulation Requirements                        | Second Pass       | 31 August 2018    |
| 48     | LAND 125 Phase 4   | Integrated Soldier System   | First Pass        | 7 September 2018  |
| 49     | EST FSR13 Phase 1  | Defence Fuel Transformation Program (Tranche 1)                       | Second Pass       | 14 September 2018 |
| 50     | AIR 7003 Phase 1   | Armed Medium Altitude Long Endurance Remotely Piloted Aircraft System | First Pass        | 16 November 2018  |
| 51     | SEA 1000 Phase 1/2 | Future Submarines (Attack Class)                                      | Other             | 11 February 2019  |
| 52     | JP 2096 Phase 1    | Intelligence, Surveillance and Reconnaissance Integration (Tranche 1) | Second Pass       | 12 February 2019  |
| 53     | EST J0105          | Joint Health Command Redevelopments                                   | Second Pass       | 27 February 2019  |
| 54     | LAND 4502 Phase 1  | Additional Chinook Helicopters  | Second Pass       | 28 February 2019  |
| 55     | SEA 1000 Phase 1/2 | Future Submarines (Attack Class)                                      | Other             | 5 March 2019      |
| 56     | INV 1              | Defence Innovation Hub Investments (Tranche 3)                        | Other             | 12 March 2019     |

| Serial | Project Number    | Project Title  | Approval Achieved | Announced     |
|--------|-------------------|--|-------------------|---------------|
| 57     | AIR 555 Phase 1   | Airborne ISREW   | Second Pass       | 18 March 2019 |
| 58     | LAND 19 Phase 7B  | Short Range Ground Based Air Defence                                 | Second Pass       | 25 March 2019 |
| 59     | JP 9711 Phase 1   | Core Simulation Capability   | Second Pass       | 27 March 2019 |
| 60     | AIR 7000 Phase 1B | Maritime Patrol and Response Update (inc AIR 7000 Ph 1B Second Pass) | Second Pass       | 27 March 2019 |
| 61     | SEA 1788 Phase 0  | Young Endeavour Replacement  | Other             | 1 April 2019  |
| 62     | JP 2221 Phase 1   | Multi National Information Sharing (Tranche 1)                       | Second Pass       | 4 April 2019  |
| 63     | AIR 6000 Phase 3  | Weapons and Countermeasures for Air Combat Capability                | Second Pass       | 6 April 2019  |
| 64     | LAND 9000         | Armed Reconnaissance Helicopter Capability Program                   | Second Pass       | 7 April 2019  |
| 65     | EST C8925         | Watsonia - Defence Force School of Signals                           | Second Pass       | 9 April 2019  |
| 66     | SEA 2273 Phase 1  | Fleet Information Modernisation (FIE)                                | First Pass        | 9 April 2019  |
| 67     | EST D9541 Phase 0 | Secure Training and Conference Facilities                            | Second Pass       | 10 April 2019 |
| 68     | JP 2060 Phase 4   | ADF Deployable Health Knowledge Management System                    | First Pass        | 2 July 2019   |



| Serial | Project Number    | Project Title   | Approval Achieved | Announced         |
|--------|-------------------|---|-------------------|-------------------|
| 69     | LAND 1508 Phase 1 | Special Operations Capability Enhancements and Continuous Development Program (Tranche 1)                     | Second Pass       | 12 August 2019    |
| 70     | EST J0107 Phase 1 | Shoalwater Bay Training Area Redevelopment  | Second Pass       | 30 September 2019 |
| 71     | EST Y3 Phase      | USFPI - Northern Territory Training Areas   | First Pass        | 4 October 2019    |
| 72     | Shipbuilding      | Naval Shipbuilding Infrastructure Update  | Other             | 8 October 2019    |
| 73     | EST C8923 Phase 1 | Point Wilson Explosive Ordnance Storage and Distribution  | Second Pass       | 2 November 2019   |
| 74     | LAND 154 Phase 4  | Joint Counter Improvised Explosive Device (Tranche 1)   | Second Pass       | 24 November 2019  |
| 75     | LAND 125 Phase 4  | Integrated Soldier System (Tranche 2)   | First Pass        | 17 December 2019  |
| 76     | SEA 2400 Phase 1  | Hydrographic Data Collection Capability (HydroScheme Industry Partnership Program and Life of Type Extension) | Second Pass       | 20 December 2019  |
| 77     | LAND 1771 Phase 1 | Geospatial Support System for the Land Force (Tranche 1)  | Second Pass       | 24 December 2019  |
| 78     | EST W5 Phase      | Upgrade Cocos (Keeling) Islands airfield to support P8 operations   | First Pass        | 31 January 2020   |

| Serial | Project Number       | Project Title   | Approval Achieved | Announced        |
|--------|----------------------|---|-------------------|------------------|
| 79     | EST N2232 Phase 1    | HMAS Watson Redevelopment                                 | Second Pass       | 3 February 2020  |
| 80     | LAND 8140 Phase 1    | Deployable Force Infrastructure (Tranche 1)               | First Pass        | 13 February 2020 |
| 81     | EST R8099 Phase 1    | RAAF Tindal Redevelopment                                 | First Pass        | 21 February 2020 |
| 82     | AIR 6000 Phase 2A/2B | Joint Strike Fighter - Annual Update                      | Other             | 25 February 2020 |
| 83     | SEA 1180 Phase 1     | Arafura Class Offshore Patrol Vessel Transition Plan      | Other             | 1 May 2020       |
| 84     | SEA 4000 Phase 3.3   | Air Warfare Destroyer Operational Test and Evaluation     | Second Pass       | 19 May 2020      |
| 85     | EST Y3               | USFPI   | First Pass        | 29 May 2020      |
| 86     | SEA 1354 Phase 1     | Submarine Escape Rescue and Abandonment Systems           | Second Pass       | 4 June 2020      |
| 87     | EST J0110P           | RAAF Base Townsville Mid Term Refresh Project             | First Pass        | 1 July 2020      |
| 88     | EST C8940            | Russell Office Precinct Upgrade R5 and R6 Midlife Upgrade | Second Pass       | 1 July 2020      |
| 89     | EST z098             | Townsville Field Training Area Mid Term Refresh           | First Pass        | 1 July 2020      |
| 90     | EST z022             | HMAS Cairns Mid Term Refresh                              | First Pass        | 1 July 2020      |

| Serial | Project Number   | Project Title  | Approval Achieved | Announced   |
|--------|------------------|--|-------------------|-------------|
| 91     | EST z121         | Puckapunyal Mid Term Refresh   | First Pass        | 1 July 2020 |
| 92     | EST z002 Phase 1 | HMAS Harman Redevelopment  | First Pass        | 1 July 2020 |
| 93     | EST z021         | Albury/Wodonga Military Area Redevelopment                                     | Other             | 1 July 2020 |
| 94     | EST A4511        | RMC Duntroon Redevelopment   | Other             | 1 July 2020 |
| 95     | LAND 200 Phase 3 | Battlefield Command Systems (Tranche 3)  | Other             | 1 July 2020 |
| 96     | AIR 3023 Phase 1 | Enhanced Maritime Strike for the Air Combat Capability                         | Other             | 1 July 2020 |
| 97     | EST z024         | Victoria Barracks Melbourne Redevelopment                                      | Other             | 1 July 2020 |
| 98     | EST P0010        | National Airfields Capital Works - Amberley, Pearce, Richmond and Albatross    | Other             | 1 July 2020 |
| 99     | EST Z003 Phase 1 | RAAF Williams - Point Cook Redevelopment                                       | Other             | 1 July 2020 |
| 100    | EST z017 Phase 1 | DSTO Fishermans Bend Redevelopment   | Other             | 1 July 2020 |
| 101    | EST R8109        | Facilities to support KC-30 operations at RAAF Tindal                          | Second Pass       | 1 July 2020 |
| 102    | SEA 2400 Phase 1 | Hydrographic Data Collection Capability (Strategic Military Survey Capability) | First Pass        | 1 July 2020 |

| Serial | Project Number    | Project Title   | Approval Achieved | Announced     |
|--------|-------------------|---|-------------------|---------------|
| 103    | AIR 3023 Phase 1  | Advanced Maritime Strike for the Air Combat Capability  | Other             | 1 July 2020   |
| 104    | AIR 3023 Phase 1  | Advanced Maritime Strike for the Air Combat Capability - Miniature Air Launched Decoy - Navy (MALD-N) | First Pass        | 1 July 2020   |
| 105    | EST z040          | Borneo Barracks Redevelopment   | Other             | 1 July 2020   |
| 106    | AIR 2025 Phase 6  | Jindalee Operational Radar Network  | Other             | 1 July 2020   |
| 107    | EST z008 Phase 1  | Oakey Mid Term Refresh  | Second Pass       | 1 July 2020   |
| 108    | LAND 4108 Phase 1 | Direct Fire Support Weapons Upgrade/Replacement & LAND 159 Phase 1 – Small Arms Replacement           | Other             | 13 July 2020  |
| 109    | JP 9351 Phase 1   | Space Surveillance - ADF Indigenous Space Surveillance Capabilities                                   | Other             | 13 July 2020  |
| 110    | JP 9102 Phase 1   | Australian Defence SATCOM System  | First Pass        | 13 July 2020  |
| 111    | LAND 159          | Lethality System (Combined LAND 159 Ph 1 & LAND 4108 Ph 1)  | First Pass        | 16 July 2020  |
| 112    | SEA 129 Phase 5   | Maritime UAS Continuous Development   | Other             | 4 August 2020 |

| Serial | Project Number    | Project Title  | Approval Achieved | Announced         |
|--------|-------------------|--|-------------------|-------------------|
| 113    | Shipbuilding      | Naval Shipbuilding College - supported training and upskilling - funding support element of the Defence Economic Stimulus submission | Other             | 26 August 2020    |
| 114    | INV 1 Phase 2016  | Defence Innovation Hub element of the Defence Economic Stimulus Submission   | Other             | 26 August 2020    |
| 115    | SEA 4000 Phase 6  | Aegis Baseline   | Other             | 1 September 2020  |
| 116    | SEA 5000 Phase 1  | Hunter Class Frigate   | Other             | 1 September 2020  |
| 117    | LAND 8116 Phase 1 | Protected Mobile Fires   | First Pass        | 3 September 2020  |
| 118    | EST 00351         | National Airfield Capital Works - Darwin, Robertson and Mount Bunday   | Other             | 8 September 2020  |
| 119    | EST z125          | Robertson Barracks Mid Term Refresh  | Other             | 8 September 2020  |
| 120    | JP 2060 Phase 3   | ADF Deployable Health  | Second Pass       | 24 September 2020 |
| 121    | FSP 45            | Standardisation of PMV Fleet   | Second Pass       | 29 September 2020 |
| 122    | Shipbuilding      | Naval Shipbuilding - Henderson Maritime Precinct Capability Studies element of the Defence Economic Stimulus Submission              | Other             | 5 October 2020    |
| 123    | SEA 2273 Phase 1  | Fleet Information Environment Modernisation  | Second Pass       | 23 October 2020   |

| <b>Serial</b> | <b>Project Number</b> | <b>Project Title</b>   | <b>Approval Achieved</b> | <b>Announced</b> |
|---------------|-----------------------|--|--------------------------|------------------|
| 124           | SEA 1350 Phase 3      | Maritime Underwater Tracking Ranges  | First Pass               | 20 November 2020 |
| 125           | AIR 555 Phase 1       | Airborne Intelligence, Surveillance, Reconnaissance and Electronic Warfare | Other                    | 30 November 2020 |