

THE PARLIAMENT OF THE COMMONWEALTH OF AUSTRALIA  
PARLIAMENTARY STANDING COMMITTEE ON PUBLIC WORKS

FORTY-SEVENTH  
GENERAL REPORT

Australian Government Publishing Service  
Canberra 1984



*Parliamentary Standing Committee on Public Works*

# FORTY-SEVENTH GENERAL REPORT

THE PARLIAMENT OF THE COMMONWEALTH OF AUSTRALIA 1984

|                          |                    |
|--------------------------|--------------------|
| DEPARTMENT OF THE SENATE |                    |
| PAR. R. NO.              | 364                |
| DATE                     | 27 MAR 1984        |
| PRES.                    | <i>[Signature]</i> |
| Clerk of the Senate      |                    |



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PARLIAMENTARY STANDING COMMITTEE ON PUBLIC WORKS

FORTY-SEVENTH GENERAL REPORT

Pursuant to section 16 of the Public Works Committee Act 1962, the Parliamentary Standing Committee on Public Works has the honour to report the proceedings of the Committee during the period 1 January to 31 December 1983.

TWENTY-SIXTH COMMITTEE

1. Membership Members of the Twenty-sixth Committee were: Mr M.H. Bungey (Chairman), Mr J.L. McMahon (Vice-Chairman), Senator D.J. Foreman, Senator B.F. Kilgariff and Senator J.R. Martyr; Mr D.B. Cowan, Mr B.C. Humphreys, Mr U.E. Innes and Mr M.E. Sainsbury.

2. Meetings The Twenty-sixth Committee did not meet during the period 1 January 1983 and 4 February 1983 when the 32nd Parliament was dissolved. All references before the 26th Committee lapsed with the dissolution of Parliament. A list of lapsed references is at Appendix A.

TWENTY-SEVENTH COMMITTEE

3. This report by the Twenty-seventh Committee covers the period 12 May to 31 December 1983.

4. Membership Members of the Twenty-seventh Committee were appointed on 4 May 1983. They are Senator D.J. Foreman, Senator G.H. Jones and Senator B.F. Kilgariff, and Members of the House of Representatives - Mr D.B. Cowan, Mr P.H. Drummond, the Hon. W.C. Fife, Mr L.J. Keogh, Mr E.J. Lindsay and Mr J. Saunderson.

5. At the first meeting of the Committee on 12 May 1983 Senator Foreman was elected Chairman and Mr Fife was elected Vice Chairman.

6. Meetings The Committee met on 33 occasions during 1983. The meetings were held to take evidence at public hearings, carry out inspections and to deal with general business and were held in Canberra (20), Puckapunyal (1), Sydney (2), Williamtown, N.S.W. (2), Parkes/Coonabarabran (1), Cullgoora, N.S.W. (1), Adelaide (1), Perth (2), Mackay (2) and Nowra (1).

7. References and Reports The Committee received nineteen references during the report period. Of these, six were references that had lapsed with the dissolution of Parliament and were re-referred to the present Committee.

8. The Committee presented twelve reports, listed in Appendix B. Two reports were on the same reference - RAAF Base Williamtown, N.S.W., F/A-18 Hornet facilities development. The estimated cost of work described in these reports when referred to the Committee was \$254.645m. The Committee recommended construction of work estimated to cost \$265.540m, an increase of \$10.895m. The reasons for this increase are stated in the remarks column of Appendix B.

9. References on which reports had not been presented are listed in Appendix C. The majority of these references were referred to the Committee shortly before Parliament adjourned for the summer recess or subsequently through the Executive Council. The "remarks" column in Appendix C mentions the scheduled dates in 1984 for site inspections and public hearings into the eight references.

#### NON-REFERRAL OF WORKS

10. Sub-section 18(8)(b) of the Public Works Committee Act 1969 provides that:

(8) A public work the estimated cost of which exceeds two million dollars shall not be commenced unless - ...

(b) the House of Representatives has resolved that, by reason of the urgent nature of the work, it is expedient that it be carried out without having been referred to the Committee; ...

11. A number of proposed works were exempted from Committee scrutiny on the grounds of urgency. These proposals are as follows:

(a) Construction of new facilities and upgrading of facilities for the new tactical fighter project, Stage 2, Avalon, Victoria - exempted 25 May 1983; estimated cost \$9.6m;

(b) Royal Australian Air Force Base, Williamtown, N.S.W. - F/A-18 Hornet facilities development tactical fighter - time critical facilities - exempted 25 May 1983; estimated cost \$15m;

(c) Construction of major city earth station buildings at Sydney and Perth for Aussat Proprietary Limited - exempted 26 May 1983; estimated cost \$9m; and

- (d) Australian Frigate Project, Williamstown Naval Dockyard, Victoria - exempted 17 November 1983; estimated cost \$830m, which includes Dockyard upgrading and modernisation elements.

12. The Committee reluctantly accepted that the first three proposals, listed above, were time critical and that an investigation and the preparation of a report may have contributed to delays.

13. With regard to the Australian Frigate project, it should be reiterated that the Committee's 46th General Report drew attention to recent legal advice which deemed construction of ships to be a public work and suggested that Commonwealth Departments and Authorities establish procedures for the timely referral of proposals involving the construction of ships for consideration and report. The Australian Frigate project is the third proposal involving the construction of ships exempted from Committee scrutiny on the grounds of urgency. It is worth noting that the Auditor-General's report, May 1983, concluded that shortcomings in project management contributed to the Minehunter Catamaran project being 4-5 years behind schedule and to a significant increase in the project cost. Construction of RAN Minehunter catamarans and ship-building facility was exempted from Committee scrutiny on the grounds of urgency in December 1982.

14. Repetitive Works In May 1983 the Minister for Housing and Construction sought the concurrence of the Committee to the proposition that the proposed construction of 106 houses for the Royal Australian Navy at Rockingham, W.A., be declared a repetitive work as defined in sub-section 18(8A) of the Public Works Committee Act 1969.

15. The houses would be required for naval personnel transferred to Western Australia as a result of the Government's decision to home port destroyers at HMAS Stirling. The estimated cost of constructing the 106 houses was \$4.1m at April 1983 prices.

16. The proposal had been referred to the previous Committee on 10 November 1982. Submissions from interested organisations and individuals responding to advertisements had been received and it was planned to hold a public hearing into the proposal in early 1983. The reference lapsed with the dissolution of Parliament.

17. The Minister for Housing and Construction advised the Committee that to meet the completion date required by the Department of Defence it would be necessary to call tenders in June 1983 with contracts to be awarded in August 1983.

18. The Committee referred all submissions received by the previous Committee in response to press advertisements to departments for comment. In June 1983 the Committee was briefed by officers of the Department of Defence and the Department of Housing and Construction on the proposal.

19. Following consideration of departmental submissions and responses to non-departmental submissions, the material placed before it at the briefing, and supplementary information, the Committee agreed to the proposal being declared a "repetitive" work subject to the following conditions:

- an assurance from the Minister for Housing and Construction that planning and scheduling of housing proposals estimated to cost more than \$2.0m will include sufficient time for Committee consideration and report;

- acceptance that the need for urgent provision of housing will not be regarded by the Committee as grounds for declaring such works to be "repetitive" works;
- clarification of the future of Navy houses at Kwinana; and
- an assurance that the fencing around the houses to be constructed at Rockingham will be of a material that does not contain asbestos.

20. The Committee is satisfied with the response from the Minister for Housing and Construction to the above conditions.

#### PUBLIC WORKS COMMITTEE ACT 1969

21. Statutory Authorities The year under review was the first full year during which amendments to the Act relating to Commonwealth authorities were in force. Proposals from two authorities, the Australian Wheat Board and Telecom Australia were referred and reported on.

22. Overseas Embassies The first proposal relating to overseas work was examined by the Committee during 1983. This proposal involved the construction of a Chancery Complex and Staff Housing for the Australian Embassy, Riyadh, Kingdom of Saudi Arabia.

23. A short video tape, plans and models which illustrated a number of facets of the proposal were shown and displayed at the public hearing. Representatives of staff associations gave evidence to the Committee.

24. The Committee was generally satisfied with the extent of the proposed work but recommended the adoption of higher standards of domestic accommodation for junior staff to adequately compensate for harsh climatic and social conditions in Saudi Arabia. This recommendation was made following consideration of evidence presented at the public hearing; the advice from staff associations was particularly relevant in this regard. It was evident that a number of changes to servants' accommodation and staff housing living areas were both necessary and justified.

25. Emergency Provisions In May 1983 the Special Minister of State sought the Committee's views on a proposal to extend the emergency provisions of the Act. The Minister's letter drew attention to:

- (a) non-defence public works costing more than \$2m cannot be commenced without reference to the Committee unless a resolution is passed by the House of Representatives declaring the work to be urgent;
- (b) there is no provision in the present Act which allows work to commence in a situation of emergency when the House is not sitting.

26. It was proposed to the Minister that the Act be amended to provide that in an emergency situation, when Parliament is not sitting, the Governor-General be empowered to make an order declaring a work to be urgent and able to be carried out without reference to the Committee.



27. The Committee sought further details from the Minister of the reasons of the need for emergency provisions. The Minister's reply reiterated that the mechanism for declaring works to be urgent (paragraph 18(8)(b) is unavailable when Parliament is not sitting). The need to include emergency provisions in the Act has arisen as a result of the 1981 amendments to the Act which brought Commonwealth authorities within the ambit of the Committee's inquiries. The range of situations where the need for urgent work may arise has been increased as a result.

28. In December 1983 the Committee advised the Minister of its agreement in principle to the amendment. This agreement is nevertheless subject to the drafting of a satisfactory definition of the term "emergency" and the inclusion of this definition in the amending legislation. The Committee awaits the Minister's response.

29. Raising of the Statutory Limit Paragraph 18(8) of the Act provides that a public work the estimated cost of which exceeds two million dollars shall not be commenced unless a number of criteria are satisfied. One of these criteria includes that the work be referred to the Committee unless otherwise resolved or declared.

30. The Committee is aware that since 1973, when the relevant section of the Act was amended by increasing the statutory limit from \$750,000 to \$2m, there has been an increase in the range of estimated costs of works referred. For example, the estimated cost of individual proposals examined by the Committee during the report period ranges from \$2.2m to \$98.355m. The extent of the works comprising individual proposals costing about \$2m will continue to be reduced with inflation. If the present statutory limit of \$2.0m were indexed at current prices, it would be in the order of \$6.0m. The Committee has therefore suggested to the Special Minister of State that the Act be amended by increasing

the statutory limit from \$2.0m to \$6.0m, and that the Committee be given discretionary powers to examine works estimated to cost between \$2.0m and \$6.0m.

#### LEASE-PURCHASE OF OFFICES

31. In the Budget Speech the Treasurer announced the Government's intention to embark on a major office construction program. The Government would seek expressions of interest from the private sector with a view to proceeding with lease/purchase office development at Parramatta, Newcastle, Wollongong, Dubbo, Rockhampton, Mackay, Cairns, Fremantle, Port Pirie and Devonport.

32. The Committee requested the Minister for Finance to consider the proposition that the proposed lease/purchase arrangements will involve money appropriated by Parliament for a public work, and therefore such proposals should be referred to the Committee for investigation and report to Parliament.

33. The Minister for Finance has advised the Committee that whilst the Government has agreed in principle to the proposed development of Commonwealth offices by the private sector, there are a number of issues it wishes to consider before any decisions are taken to proceed with construction. One of these issues is the point raised by the Committee.

#### NON-REFERENCE OF DEFENCE WORKS

34. There were no references for defence purposes exempted by the Governor-General-in-Council pursuant to Sub-section 18(8)(c) of the Public Works Committee Act 1969.

WORKS EXCEEDING PUBLIC WORKS COMMITTEE REFERENCE LIMIT  
OF \$2 MILLION DURING DOCUMENTATION/TENDERING STAGE

35. The Committee has been advised by the Department of Housing and Construction that during the report period there were no projects which at the Limit of Cost Estimate stage were below \$2.0m and subsequently exceeded \$2.0m due to cost increases.

PROGRESS OF PROPOSALS PREVIOUSLY REFERRED

36. At Appendix D is a tabulated summary of progress on works on which the Committee reported during the period 1977 to 1982. The information was provided by the Department of Housing and Construction which provides more detailed information related to major project activities in its annual report.

APPRECIATION

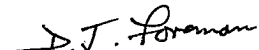
37. The Committee wishes to record its appreciation to the many individuals and organisations who assisted in carrying out the numerous site inspections and public hearings during the year. Special thanks are due to a number of local government councils who made available meeting rooms, council chambers and other facilities. The Parliamentary Reporting Staff, the Government Printer and the House of Representatives Transport Office continued to provide members and staff with a high level of service and co-operation. Officers of the Department of Housing and Construction also deserve a special commendation - for their demonstrated professional competence and service at private meetings and public hearings.

STAFF

38. The Committee was served by Mr R.B. Fenton as Secretary; Mr M.M.H. Fetter, Assistant Secretary; Mr C.J. Simpson, Project Officer; and Mrs J.R. Thompson as Clerical Assistant. Mrs Audrey Crisp joined the Secretariat as Steno-Secretary.

39. Mr James Watson assisted the Committee's inquiry into the Surface Preparation Facility and Oily Bilge Waste Treatment Plant, Garden Island, N.S.W., Modernisation Stage 2.

40. Mr D.J. Lancaster was seconded to the Secretariat from the Department of Aviation and made significant contributions to the Committee's inquiries into the Australian Wheat Board Accommodation and the Chancery Complex and Staff Housing at Riyadh.

  
(D.J. FOREMAN)  
Chairman

Parliamentary Standing Committee  
on Public Works,  
Parliament House,  
CANBERRA A.C.T. 2600

8 March 1984

REFERENCES WHICH LAPSED WITH THE DISSOLUTION OF THE 32ND PARLIAMENT

| Reference                                                                                                                                   | Date Referred    | Remarks                                                                                                                                                                                                                |
|---------------------------------------------------------------------------------------------------------------------------------------------|------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Garden Island, New South Wales. Modernisation Stage 2 - Surface Preparation and Preservation Facility and Uily Blige Waste Treatment Plant. | 27 May 1982      | Additional information from Departments following public hearing held 4 August 1982 had not been received. Re-referred 26 May 1983. Report presented 19 Oct 1983.                                                      |
| Construction of New Building for the Australian Film and Television School, North Ryde, NSW.                                                | 27 October 1982  | Public hearing held 7 December 1982. House of Representatives adjourned for summer recess 14 December 1982; unable to prepare report before adjournment. Re-referred 10 November 1983.                                 |
| Construction of Accommodation for the National Institute of Dramatic Art, Kensington, NSW.                                                  | 10 November 1982 | Public hearing held 6 December 1982. House of Representatives adjourned for summer recess 14 December 1982; unable to prepare report before adjournment. Re-referred 6 October 1983; report presented 9 November 1983. |
| Provision of 106 Houses for Home Porting at HMS Stirling, Western Australia.                                                                | 10 November 1982 | Public hearing scheduled for 15-16 February 1983. Not re-referred; Committee agreed to exemption on grounds of 'repetitive works'.                                                                                     |
| Provision of Air Conditioning to Main Instructional Building, Schools of Transport and Catering, Puckapunyal, Victoria.                     | 14 December 1982 | Site inspection by former Chairman scheduled for 7 February 1983. Re-referred 26 May 1983; report presented 6 September 1983.                                                                                          |

| Reference                                                                           | Date Referred   | Remarks                                                                                                |
|-------------------------------------------------------------------------------------|-----------------|--------------------------------------------------------------------------------------------------------|
| Townsville Airport - Terminal Area Redevelopment                                    | 4 February 1983 | Parliament dissolved 4 February 1983. Proposal not re-referred during report period.                   |
| Perth Airport - New International Terminal Complex and Parallel Taxiway             | 4 February 1983 | Parliament dissolved 4 February 1983. Re-referred 15 September 1983; report presented 8 December 1983. |
| Wagga Wagga Airport - Upgrading of Facilities for the Introduction of Jet Aircraft. | 4 February 1983 | Parliament dissolved 4 February 1983. Re-referred 15 December 1983.                                    |

## APPENDIX B-

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\* Referred through House of Representatives  
\*\* Referred through Executive Council

## REPORTS PRESENTED BY THE PUBLIC WORKS COMMITTEE DURING 1983

| Date Proposal Referred | Proposed Work                                                                                                                    | Date and Number of Report | Report Presented | Expenditure proposed when referred to Committee | Expenditure Recommended by Committee | Motion for Expediency passed | Remarks                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|------------------------|----------------------------------------------------------------------------------------------------------------------------------|---------------------------|------------------|-------------------------------------------------|--------------------------------------|------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 26 May 83*             | Provision of Air Conditioning for the Federal Government Schools of Transport and Catering, Puckapunyal, Vic.                    | 25 Aug 83<br>1/83         | 6 Sep 83         | \$M 2.26                                        | \$M 2.26                             | 18 Oct 83                    | Recommended as proposed.                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| 26 May 83*             | Gordon Island, N.S.W. - Modernisation Stage 2 - Surface Preparation and Painting of Facility and 011V-811V Waste Treatment plant | 5 Oct 83<br>2/83          | 19 Oct 83        | \$M 5.775                                       | \$M 5.675                            | 3 Nov 83                     | Reduction in recommended expenditure due to deletion of department of fresh water pumping station (\$100,000) and deletion of recommended reduction in ridge height of building and installation of two 10-tonne torsion box travelling cranes (\$60,000 increase); net increase \$100,000.                                                                                                                                                                                                  |
| 26 May 83*             | BAF Base Williamtown, N.S.W. - F/A-18 Hornet facilities development                                                              | 5 Oct 83<br>3/83          | 1 Nov 83         | \$M 90.74                                       | \$M 90.355                           | 10 Nov 83                    | Recommended expenditure includes \$15a for line critical works exempted from Committee scrutiny on the grounds of urgency. Total cost of the works \$195.74m. At public hearing Committee was advised limit of cost estimate increased from \$180.74m to \$195.74m. Committee deferred consideration of relocation of Parachute Training School from BAAF Williamtown to 99WS Albatross, Ilwaco, pending further information. Net cost of PWS-related works, \$8.625m subtracted from total. |
| 28 Jul 83**            | Stratoplan Computer Centre, Melbourne, Victoria                                                                                  | 6 Oct 83<br>4/83          | 11 Oct 83        | 2.2                                             | 2.2                                  | 20 Oct 83                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| 13 Jul 83**            | The Australia Telescope, New South Wales                                                                                         | 20 Oct 83<br>5/83         | 1 Nov 83         | 30.7                                            | 30.7                                 | 17 Nov 83                    | Recommended as proposed.                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |

| Date<br>Proposal<br>Referred | Proposed Work                                                                                                                                                                                                                 | Date and<br>Number of<br>Report | Date<br>Presented | Expenditures<br>proposed when<br>referred to<br>Committee | Expenditure<br>Recommended<br>by Committee | Action for<br>Committee<br>passed | Remarks                                                                                                                                                                                                                                              |
|------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------|-------------------|-----------------------------------------------------------|--------------------------------------------|-----------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 11 Aug 83*                   | Telcom State Head Office<br>Adelaide, South<br>Australia                                                                                                                                                                      | 2 Nov 83<br>9/83                | 9 Nov 83          | \$M<br>28.5                                               | \$M<br>28.5                                | 17 Nov 83                         | Recommended as proposed.                                                                                                                                                                                                                             |
| 15 Sep 83*                   | Australian Wheat Board<br>Head Office at<br>528 Lonsdale Street,<br>Melbourne, for Head Office<br>and Victorian Branch                                                                                                        | 10 Nov 83<br>7/83               | 16 Nov 83         | 7.17                                                      | 7.17                                       | 7 Dec 83                          | Recommended as proposed.                                                                                                                                                                                                                             |
| 11 Aug 83**                  | Construction of Chancery Complex<br>and Staff Housing at Riyadh,<br>Kingdom of Saudi Arabia                                                                                                                                   | 17 Nov 83<br>8/83               | 29 Nov 83         | 17.8                                                      | 18.080                                     | 8 Dec 83                          | The Committee recommended improvements to proposed staff housing to include family rooms and en suites in all houses, and improved servants quarters. The additional cost to the project of \$0.28m.<br>Recommended as proposed.                     |
| 6 Oct 83*                    | Construction of Accommodation<br>for the National Institute of<br>Dramatic Art, Kensington, N.S.W.                                                                                                                            | 2 Nov 83<br>9/83                | 9 Nov 83          | 4.45                                                      | 4.45                                       | 7 Dec 83                          | Recommended as proposed.                                                                                                                                                                                                                             |
| 15 Sep 83*                   | Perth Airport International<br>Complex and Parallel Taxiway                                                                                                                                                                   | 1 Dec 83<br>10/83               | 8 Dec 83          | 53.0                                                      | 56.1                                       | 8 Dec 83                          | Eastern parallel taxiway should be extended south to the 02 threshold at additional cost of \$1.5m, direct passenger access to aircraft from the stand for non-regular departure lounge should be provided. Option 6 - at additional cost of \$1.5m. |
| 6 Oct 83*                    | Provision of Navigational Aids,<br>Hydrographers Passage, Great<br>Barrier Reef                                                                                                                                               | 7 Dec 83<br>11/83               | 8 Dec 83          | 4.75                                                      | 4.75                                       | 8 Dec 83                          | Recommended as proposed.                                                                                                                                                                                                                             |
| 26 May 83*                   | RAAF Base Williamtown, N.S.W. -<br>F/A-18 Hornet Facilities<br>Reconstruction - Supplementary<br>Barracks, Relocated of<br>Parachute Training School from<br>RAAF Base Williamtown, N.S.W.<br>to HNS Aliboncos, Norwa, N.S.W. | 7 Dec 83<br>12/83               | 8 Dec 83          | 7.3                                                       | 7.3                                        | 8 Dec 83                          | Recommended as proposed.                                                                                                                                                                                                                             |

## REFERENCES BEFORE THE COMMITTEE AT 31 DECEMBER 1983

| Reference                                                                                                           | Date<br>Referred                                  | Estimate<br>Cost \$m | Remarks                                                                                                                                                                                                                                                                               |
|---------------------------------------------------------------------------------------------------------------------|---------------------------------------------------|----------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Construction of new building for<br>the Australian Film and Television<br>School, North Ryde, NSW.                  | 10 November 1983<br>(House of<br>Representatives) | 13.0                 | Referred to previous Committee 27 October 1982.<br>Public hearing held 6 December 1982; Committee<br>unable to present report as House of Representa-<br>tives adjourned for summer recess on 14 December<br>1982.<br>Present Committee scheduled site inspection<br>7 February 1984. |
| Redevelopment of the Royal Military<br>College, Duntroon, Canberra, ACT.                                            | 7 December 1983<br>(House of<br>Representatives)  | 11.0                 | Site inspection and public hearing scheduled for<br>8 February 1984.                                                                                                                                                                                                                  |
| Construction of facilities for the<br>Australian frigate project,<br>Williamstown Naval Dockyard, VIC.<br>(Phase A) | 8 December 1983<br>(House of<br>Representatives)  | 6.4                  | Site inspection and public hearing scheduled for<br>10 February 1984.                                                                                                                                                                                                                 |
| Reconstruction of Pyrotechnic<br>Section at the Munitions Filling<br>Factory, St Marys, NSW.                        | 8 December 1983<br>(House of<br>Representatives)  | 13.0                 | Site inspection and public hearing scheduled for<br>7 February 1984.                                                                                                                                                                                                                  |
| Redevelopment of facilities at<br>Darwin International Airport,<br>Northern Territory.                              | 15 December 1983<br>(Senate)                      | -                    | Site inspection and public hearing scheduled for<br>15-17 February 1984.                                                                                                                                                                                                              |
| Development of RAAF Base, Tindal,<br>Northern Territory.                                                            | 15 December 1983<br>(Senate)                      | -                    | Site inspection and public hearing scheduled for<br>20-22 March 1984.                                                                                                                                                                                                                 |

| Reference                                                                           | Date Referred                        | Estimate Cost \$m | Remarks                                                             |
|-------------------------------------------------------------------------------------|--------------------------------------|-------------------|---------------------------------------------------------------------|
| Upgrading of Facilities for Introduction of F28 Aircraft, Wagga Wagga Airport, NSW. | 15 December 1983 (Senate)            | -                 | Site inspection and public hearing scheduled for 8-9 February 1984. |
| Development of 7th Camp Hospital, Kapooka, NSW.                                     | 21 December 1983 (Executive Council) | -                 | Site inspection and public hearing scheduled for 9 February 1984.   |

INFORMATION RE PROPOSALS REPORTED ON BY PUBLIC WORKS COMMITTEE 1977-1982

AS AT DECEMBER 1983

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APPENDIX D

| Project and number of report                                                     | Hearing Dates     | Estimated Cost at Hearing | Tender Estimate/ Price | Final Estimate/ Commitment | Current Position                                                                                                                                                                               | Expected/Actual Completion Date                                         |
|----------------------------------------------------------------------------------|-------------------|---------------------------|------------------------|----------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------|
| <u>Reports tabled in 1977</u>                                                    |                   | \$M                       | \$M                    | \$M                        |                                                                                                                                                                                                |                                                                         |
| Modernisation of R.N.A. Naval Dockyard (Stage 2), Williamstown, Victoria. (1/77) | 29.11.76          | 24.0                      | Progressive Commitment | 27.4                       | Project composed of four phases:-<br>Phase A (10.0m) complete<br>Phase B (10.5m) complete<br>Phase C (7.5m)<br>Part 1: Complete<br>Part 2: Complete<br>Phase D (22.0m) work not yet commenced. | June 1981<br>August 1983<br>August 1983<br>August 1983<br>November 1983 |
| Law Courts Buildings, Alice Springs, Northern Territory (2/77)                   | 7.2.77            | 3.2                       | 2.9                    | 3.1                        | Complete                                                                                                                                                                                       | September 1980                                                          |
| Development of R.A.A.F. Base, Point Cook, Victoria (3/77)                        | 18.4.77           | 2.6                       | Progressive Commitment | 2.7                        | Project composed of two stages:-<br>Stage 1 (\$0.2m) Complete.<br>Stage 2 (\$1.0m) Complete.                                                                                                   | December 1978<br>July 1980                                              |
| Primary School at Katherine South, N.T. (4/77)                                   | 9.2.77<br>19.4.77 | 2.6                       | -                      | -                          | Responsibility for this project passed to the N.T. Government.                                                                                                                                 | -                                                                       |

INFORMATION RE PROPOSALS REPORTED ON BY PUBLIC WORKS COMMITTEE 1977-1982

AS AT DECEMBER 1983

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APPENDIX D

| Project and number of report                                | Hearing Dates | Estimated Cost at Hearing | Tender Estimate/ Price | Final Cost/ Current Estimate | Current Position                                                                                                                                                                                      | Expected/Actual Completion Date |
|-------------------------------------------------------------|---------------|---------------------------|------------------------|------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------|
| Reports tabled in 1977 (cont'd)                             |               |                           |                        |                              |                                                                                                                                                                                                       |                                 |
| Development of the Military Area at Randwick, N.S.W. (5/77) | 7-8.6.77      | 13.0                      | Progressive Commital   | 16.6                         | Project composed of two phases:-<br>Phase A - (\$10.94) Complete<br>Phase B (\$5.76) The first phase commenced April 1981.<br>Second component was commenced in August 1983<br>- 42% complete overall | November 1982<br>December 1985  |
| Development of R.A.A.F. Base, Edinburgh, S.A. (6/77)        | 14.7.77       | 17.4                      | Progressive Commital   | 18.6                         | Project composed of two stages:-<br>Stage 1 (\$10.1m) Complete.<br>Stage 2 (\$8.5m) Work commenced October 1976.<br>- 99% complete.                                                                   | October 1980<br>May 1984        |
| Aerial Observation Station, Hallgrove, N.S.W. (7/77)        | 9.6.77        | 4.6                       | 4.5                    | 4.7                          | Complete.                                                                                                                                                                                             | June 1980                       |

INFORMATION RE PROPOSALS REPORTED ON BY PUBLIC WORKS COMMITTEE 1977-1982

AS AT DECEMBER 1983

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| Project and number of report                                                                                                              | Hearing Dates            | Estimated Cost at Hearing | Tender Estimate/ Price | Final Cost/ Current Estimate | Current Position                                                                                                                                                                                                   | Expected/Actual Completion Date           |
|-------------------------------------------------------------------------------------------------------------------------------------------|--------------------------|---------------------------|------------------------|------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|
| Reports tabled in 1977 (cont'd)                                                                                                           |                          |                           |                        |                              |                                                                                                                                                                                                                    |                                           |
| Analytical Laboratory, Pymble, N.S.W. (8/77)                                                                                              | 9-9.8.77                 | 6.8                       | 6.7                    | 8.6                          | Work completed.                                                                                                                                                                                                    | March 1982                                |
| Anesthetic Division Headquarters and Hobart Regional Laboratory, Australian Government Analytical Laboratories, Kingston, Tasmania (9/77) | 23-24.6.77<br>29-30.8.77 | 7.3                       | 8.0                    | 8.9                          | Complete.                                                                                                                                                                                                          | December 1980                             |
| Beef Cattle Research Laboratory, Rockhampton, Qld. (10/77)                                                                                | 27-28.9.77               | 5.4                       | 4.7                    | 5.5                          | Complete.                                                                                                                                                                                                          | October 1980                              |
| Development of Headquarters Operational Command, R.A.A.F. Glenbrook, N.S.W. (11/77)                                                       | 17.10.77                 | 8.3                       | Progressive Commital   | 11.6                         | Project composed of four phases:-<br>Phase 1 (\$1.5m) Complete.<br>Phase 2 (\$4.7m) Complete.<br>Phase 3 (\$4.1m) Work commenced June 1983.<br>- 70% complete overall.<br>Phase 4 (\$1.3m) Waiting program status. | March 1980<br>September 1982<br>June 1983 |

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APPENDIX D

| Project<br>and number of report                                                                                                                           | Hearing<br>Dates | Estimated<br>Cost at<br>Hearing | Tender<br>Estimate/<br>Price | Final<br>Cost/<br>Current<br>Estimate | Current Position                                                                                                                                                                                                | Expected/Actual<br>Completion<br>Date |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------|------------------|---------------------------------|------------------------------|---------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------|
| <u>Reports tabled in 1978</u>                                                                                                                             |                  | \$M                             | \$M                          | \$M                                   |                                                                                                                                                                                                                 |                                       |
| Redevelopment of Airways Facilities<br>Adelaide Airport, S.A.<br>(1/78)                                                                                   | 20-21.4.78       | 2.4                             | Progressive<br>Committee     | 3.3                                   | Complete                                                                                                                                                                                                        | August 1982                           |
| Offshore High Security Animal Quarantine<br>Station, West Island, Cocos (Keeling) Islands<br>Referenced in November of 1972.<br>(2/78) (See Note A below) | 12.5.78          | 6.4                             | Progressive<br>Committee     | 6.1                                   | Complete.                                                                                                                                                                                                       | October 1981                          |
| National Acoustics Laboratory and Ultrasonics<br>Building, Defence Research Agency, N.S.W.<br>(3/78) (See Note B below)                                   | 12-13.6.78       | 12.0                            | Progressive<br>Committee     | 22.7                                  | Phase 1 (\$0.7m) Complete.<br>Phase 2 (\$22.0m) The main building contract was awarded in November 1980 with completion expected November 1984. Fitout of sound shell by separate contract expected by May 1985 | August 1981<br>May 1985               |
| High School, Murrumbidgee, N.S.W.<br>(4/78)                                                                                                               | 15.6.78          | 3.15                            | -                            | -                                     | Responsibility for this project passed to the N.T. Government.                                                                                                                                                  | -                                     |

Note A: The completed cost is less than the estimate at the time of the hearing because economies were effected during design and construction and problems expected due to the remoteness of the site did not arise.

Note B: The apparent cost increase is due mainly to cost indexation since April 1978. (\$1.7m only relates to additional requirements and minor variations during construction.) Completion date is influenced by restrictions on working hours at this site.

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APPENDIX D

| Project<br>and number of report                                 | Hearing<br>Dates | Estimated<br>Cost at<br>Hearing | Tender<br>Estimate/<br>Price | Final<br>Cost/<br>Current<br>Estimate | Current Position                                                                                                                                                             | Expected/Actual<br>Completion<br>Date       |
|-----------------------------------------------------------------|------------------|---------------------------------|------------------------------|---------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------|
| <u>Reports tabled in 1978 (cont'd)</u>                          |                  | \$M                             | \$M                          | \$M                                   |                                                                                                                                                                              |                                             |
| Development of Military Area Stage 2,<br>Enoggera, Qld. (5/78). | 3.8.78           | 17.3                            | Progressive<br>Committee     | 22.5                                  | Project composed of three phases:-<br>Phase A (\$7.1m) complete.<br>Phase B (\$7.6m) Complete<br>Phase C (\$7.8m) Construction commenced in 1981.<br>- 98% complete overall. | January 1981<br>November 1982<br>April 1984 |
| Development of Army Site Stage 1,<br>Barrhill, N.C.<br>(6/78)   | 1.11.78          | 29.5                            | Progressive<br>Committee     | 44.3                                  | Complete                                                                                                                                                                     | August 1983                                 |



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APPENDIX D

| Project and number of report                                                                               | Hearing Dates       | Estimated Cost at Hearing | Tender Estimate/ Price | Final Cost/ Current Estimate | Current Position                                                                                                          | Expected/Actual Completion Date |
|------------------------------------------------------------------------------------------------------------|---------------------|---------------------------|------------------------|------------------------------|---------------------------------------------------------------------------------------------------------------------------|---------------------------------|
| <u>Reports tabled in 1979</u>                                                                              |                     |                           | \$M                    | \$M                          |                                                                                                                           |                                 |
| Workshop, Agencies Building and Services, Garden Island Dockyard, N.S.W. (1/79)                            | 12-13.12.78         | 7.4                       | Progressive Commital   | 10.0                         | Construction commenced November 1979. - 95% complete overall.                                                             | June 1984                       |
| Defence Force Academy, ACT (2/79) (See Note C below)                                                       | 28.4.78<br>14.12.78 | 52.8                      | Progressive Commital   | 100.9                        | Siteworks commenced in December 1980. Contract for the first building stage awarded October 1981. - 40% complete overall. | April 1986                      |
| New Research Laboratory Complex for CSIRO's Division of Chemical Technology, Clayton, VIC (3/79)           | 10-11.4.79          | 9.1                       | 10.4                   | 14.1                         | Complete                                                                                                                  | November 1982                   |
| Patrol Boat Base, Cairns, QLD (4/79) (See Note D below)                                                    | 25-27.4.79          | 8.8                       | 11.0                   | 12.7                         | Work commenced February 1980. - Project complete.                                                                         | December 1983                   |
| Relocation of Royal Australian Navy Research Laboratory (RAMSL) from Rushcutters Bay to Pymont, NSW (5/79) | 25.5.79             | 2.5                       | Progressive Commital   | 5.6                          | Demolition completed. Main contract commenced April 1982. - 40% complete overall.                                         | April 1984                      |
| New Terminal Complex, Coolangatta Airport, QLD (6/79)                                                      | 3-4.7.79            | 4.6                       | 5.5                    | 6.2                          | Complete.                                                                                                                 | June 1981                       |

Note C: The apparent cost increase is due solely to price indexation since February 1978.

Note D: The increase in the tender estimate over the estimate at the time of the hearing comprises \$0.84 design development and \$1.04 general rise in building costs. The subsequent increase is due to rise and fall provisions of contracts.

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APPENDIX D

| Project and number of report                                                                                                                 | Hearing Dates                          | Estimated Cost at Hearing | Tender Estimate/ Price | Final Cost/ Current Estimate | Current Position                                                                                                     | Expected/Actual Completion Date |
|----------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------|---------------------------|------------------------|------------------------------|----------------------------------------------------------------------------------------------------------------------|---------------------------------|
| <u>Reports tabled in 1979 (cont'd)</u>                                                                                                       |                                        |                           | \$M                    | \$M                          |                                                                                                                      |                                 |
| Darwin Patrol Boat Base, Larrakeyah, N.T. (7/79)                                                                                             | 13.8.79                                | 17.8                      | 17.8                   | 24.8                         | Work commenced with the main contract in April 1980. - 95% complete overall.                                         | April 1984                      |
| Drop Adaptation Laboratory, Black Mountain, ACT (8/79)                                                                                       | 3.9.79                                 | 2.8                       | 2.4                    | 3.5                          | Work commenced in February 1981. - 100% complete.                                                                    | October 1983                    |
| National Biological Standards Laboratory (NBSL) and Australian Dental Standards Laboratory (ADSL), Symonstone, ACT (9/79) (See Note E below) | 10-11.9.79                             | 26.0                      | 44.2                   | 44.2                         | Siteworks commenced November 1980. Main contract awarded and reinstated in 1983-84. Work now under way on siteworks. | August 1987                     |
| Redevelopment of Brisbane International Airport - Initial Works of Phase 1 (10/79) (See Note F below)                                        | 16-18.10.79<br>23.10.79<br>30-31.10.79 | 98.0                      | Progressive Commital   | 131.1                        | Floodway and site drainage reinstatement is complete. Pavement works commenced.                                      | late 1986                       |

Note E: The original June 1979 cost estimate reflected the competitive prices resulting from low activity in the local building industry. Price indexation over the intervening period together with a higher level of local building activity are solely responsible for the increased current estimate. There has been no change in the scope of work.

Note F: Original funds (1979 prices) reduced by Government to \$89.2m mid-1981. Funds reinstated November 1982 and increased to take account of cost movements/industry factors over the intervening period. Scope of work unchanged.

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| Project and number of report                                                                                                                      | Hearing Dates        | Estimated Cost at Hearing | Tender Estimate/ Price  | Final Cost/ Current Estimate | Current Position                                                                                                                                                          | Expected/Actual Completion Date |
|---------------------------------------------------------------------------------------------------------------------------------------------------|----------------------|---------------------------|-------------------------|------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------|
| <b>Reports tabled in 1980</b>                                                                                                                     |                      |                           |                         |                              |                                                                                                                                                                           |                                 |
| Replacement of Cranes, Cockatoo Island Dockyard, (1/80)<br>(See Note 6 below)<br>Mo/Sworthy Army Development Stage 2, (1/80)<br>(12/80)           | 3-4.12.79<br>28.3.80 | 4.2<br>10.3               | progressive<br>commital | 10.9<br>13.8                 | Contract for main crane let July 1981.<br>- 20% complete overall.<br>Work commenced September 1980<br>- 95% complete overall.                                             | Not available<br>March 1984     |
| Rehabilitation of Radio Australia Facilities, Cox Peninsula, N.T.<br>(See Note 1 below)<br>(See Note 8 below)                                     | 12-13.2.80<br>1/3.80 | 10.0                      | progressive<br>commital | 4.3                          | Repairs to power supply commenced October 1980 and completed January 1981. Work for restoration of jetties, buildings and services and new cable - construction complete. | March 1983                      |
| Research Laboratory Complexes for CSIRO, Divisions of Applied Organic Chemistry and Materials Science, Clayton, Vic.<br>(4/80) (See Note 1 below) | 10-11.4.80           | 8.8                       | 10.6                    | 10.6                         | Materials Science Laboratory - Construction commenced July 83<br>- 20% complete<br>Applied Organic Chemistry Lab - Tenders to be invited March 84 late 1986               | September 1985                  |
| Commonwealth Law Courts, Ibbart, Tasmania<br>(5/80)                                                                                               | 7-8.5.80             | 8.4                       | 9.5                     | 11.1                         | Contracts for site excavation let January 1981. Starting construction March 1981.<br>- 92% complete overall.                                                              | October 1984                    |

Note 6: The cost increase on this project reflects the difficult contracting market and industrial situation. Balance of work still to be defined.  
Note 8: Current estimate is for work by Department of Housing and Construction only. At the hearing the total estimate comprised \$6.7 M for radio technical works and \$3.3 M for work by Department of Housing and Construction.

Note 1: The Two Laboratory Complexes (Materials Science and Applied Organic Chemistry) being constructed separately.

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APPENDIX D

| Project and number of report                                                                                 | Hearing Dates      | Estimated Cost at Hearing | Tender Estimate/ Price  | Final Cost/ Current Estimate | Current Position                                                                                                                                                                                            | Expected/Actual Completion Date |
|--------------------------------------------------------------------------------------------------------------|--------------------|---------------------------|-------------------------|------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------|
| Replacement of Operating Theatres and Surgical Theatre, Garrison General Hospital, Hollywood, N.H.<br>(6/80) | 16-17.7.80         | 5.2                       | 6.8                     | 7.5                          | Contract for road and drainage works let Sept. 1982. Main contract let December 1982.<br>- 30% complete overall.                                                                                            | February 1985                   |
| Aircraft Maintenance Complex and Access Pavements, RAAF Base Darwin, N.T.<br>(7/80)                          | 15.7.80            | 4.5                       | 4.5                     | 5.2                          | Work on taxiways commenced January 1981. Completed August 1981. Main contract for main contract let March 1981.<br>- 95% complete overall.                                                                  | June 1984                       |
| New Ranger Complex, HMS Albatross, Narva, N.S.W.<br>(8/80)                                                   | 15.7.80            | 5.6                       | progressive<br>commital | 5.6                          | Initial work commenced June 1980.<br>Stage 1 works completed December 1982.<br>Stage 2 project deferred by Defence pending review of requirements.                                                          | Not available                   |
| Modernisation of Fleet Base and Dockyard, Garden Island, N.S.W., Stage 1<br>(9/80) (See Note 3 below)        | 29-30.7.80         | 28.6                      | progressive<br>commital | 48.5                         | To suit Defence operations, the project is proceeding in a series of interdependent stages. The project will involve more contracts of which 4 will be major building contracts.<br>- 10% complete overall. | October 1986                    |
| Aircraft Corrosion Control Facility, RAAF Base, Laverton, N.S.W.<br>(10/80)                                  | 25.8.80            | 7.9                       | progressive<br>commital | 11.3                         | First contract let July 1981. Main tender let June 1982.<br>- 74% complete overall.                                                                                                                         | September 1984                  |
| Laverton Barracks Stage 2 Development, Laverton, Vic.<br>(11/80)                                             | 25.8.80            | 6.0                       | progressive<br>commital | 7.5                          | Construction started May 1981.<br>- 58% complete overall.                                                                                                                                                   | February 1984                   |
| Norfolk Island Aerodrome, Upgrading of Facilities<br>(12/80)                                                 | 2-4.9.80<br>8.9.80 | 6.2                       | Progressive<br>commital | 7.5                          | Project complete.                                                                                                                                                                                           | March 1983                      |

Note 3: The apparent cost increase is due to price indexation since March 1980.

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| Project<br>and number of report                                                                                                                         | Hearing<br>Dates       | Estimated<br>Cost at<br>Hearing | Tender<br>Estimate/<br>Price | Final<br>Cost/<br>Current<br>Estimate | Current Position                                                                                       | Expected/Actual<br>Completion<br>Date |
|---------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------|---------------------------------|------------------------------|---------------------------------------|--------------------------------------------------------------------------------------------------------|---------------------------------------|
| <u>Reports tabled in 1981</u>                                                                                                                           |                        | \$M                             | \$M                          | \$M                                   |                                                                                                        |                                       |
| Commonwealth Office Building,<br>Newcastle, Queensland<br>(1/81)                                                                                        | 11-12.2.81             | 8.7                             | 10.5                         | 9.8                                   | Contract let September 1983<br>- 15% complete overall                                                  | March 1985                            |
| Development of RAAF Base -<br>Leamington, Western Australia<br>(2/81)                                                                                   | 24-2.81                | 3.8                             | 3.8                          | 4.1                                   | Complete                                                                                               | February 1983                         |
| Provision of Army Housing<br>at Townsville, Queensland<br>(3/81)                                                                                        | 14-15.4.81<br>25-5.81  | 5.4                             | Progressive<br>Commital      | 5.3                                   | Construction complete                                                                                  | May 1983                              |
| CSIRO Marine Laboratories,<br>at Hobart, Tasmania<br>(4/81)                                                                                             | 21-22.5.81<br>9-7.81   | 10.6                            | Progressive<br>Commital      | 13.3                                  | Construction started June 1982<br>- 75% complete                                                       | July 1984                             |
| Redevelopment of Australian Antarctic Bases<br>(5/81)<br>(See Note K below)                                                                             | 18-19.3.81<br>4-5.5.81 | 35.1                            | Pro-<br>gressive<br>Commital | 56.9                                  | Year 3 projects in progress                                                                            | December 1990                         |
| Extension to International Terminal Facilities,<br>Brisbane Airport Queensland<br>(6/81)                                                                | 18-19.6.81             | 2.8                             | 2.8                          | 2.9                                   | Complete                                                                                               | October 1982                          |
| Garden Island, New South Wales,<br>Modernisation Stage 2<br>(7/81)                                                                                      | 7-8.7.81               | 79.0                            | Progressive<br>Commital      | 102.3                                 | Phase A (\$25.8m) construction<br>commenced December 1981.<br>Phases B and C waiting program<br>status | January 1992                          |
| Armoured Centre Redevelopment,<br>Puckapunyal, Victoria<br>(8/81)                                                                                       | 10-8.81                | 12.0                            | 14.5                         | 15.0                                  | Commenced March 1983<br>- 20% complete                                                                 | August 1984                           |
| Note K: \$35.1m is estimated cost of works to be provided under appropriation controlled by DMC. Total estimated cost when examined by PWC was \$58.1m. |                        |                                 |                              |                                       |                                                                                                        |                                       |

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APPENDIX D

| Project<br>and number of report                                                                                                | Hearing<br>Dates     | Estimated<br>Cost at<br>Hearing | Tender<br>Estimate/<br>Price              | Final<br>Cost/<br>Current<br>Estimate | Current Position                                                                                                                                                                                                                         | Expected/Actual<br>Completion<br>Date   |
|--------------------------------------------------------------------------------------------------------------------------------|----------------------|---------------------------------|-------------------------------------------|---------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------|
|                                                                                                                                |                      | \$M                             | \$M                                       | \$M                                   |                                                                                                                                                                                                                                          |                                         |
| Redevelopment of Brisbane International Airport -<br>further dredging and reclamation<br>(See Note L below)                    | 3-4.9.81<br>22-9.81  | 16.0                            | Progressive<br>Commital                   | 30.5                                  | Construction complete                                                                                                                                                                                                                    | July 1983                               |
| Construction of Working, Living and Area<br>Facilities for Army and Navy Personnel at<br>Hobart, Tasmania, Victoria<br>(10/81) | 12.10.81<br>27.10.81 | 5.0                             | Progressive<br>Commital                   | 5.9                                   | Construction commenced September 1982<br>- 85% complete                                                                                                                                                                                  | October 1984                            |
| Upgrading of Airport Facilities for the<br>operation of Domestic Wide-body Aircraft<br>(11/81)<br>(See Note M below)           | 19.10.81             | 12.8                            | Various projects<br>commenced<br>Commital | 11.5                                  | Perth Airport (\$3.5m) -<br>construction started June 1982<br>- 85% complete.                                                                                                                                                            | October 1984                            |
| New Air Traffic Services Centre and<br>Control Tower, Perth Airport, Western Australia<br>(12/81)<br>(See Note N below)        | 30.9.81              | 3.6                             | 5.5                                       | 5.5                                   | Melbourne Airport (\$4.2m)<br>commenced November 1982<br>- 95% complete<br>other projects (\$3.3m)<br>complete (Sydney, Coolangatta)<br>Air Traffic Services Centre,<br>complete.<br>Control Tower: construction to<br>start in May 1984 | February 1984<br>July 1983<br>July 1985 |

Note L: The original estimate was based on the then current rates of an existing contract. In the intervening period there were substantial price increases in the dredging industry, which resulted in a \$12.8m increase once the contract was negotiated. The final cost compares favourably with general market rates in the dredging industry.

Note M: This report covered elements to the value of \$12.8m of the \$25.3m proposal referred to the Committee. The balance was reported on in Report No 2 of 1982.

Note N: Total cost at first P.W.C. hearing of evidence PWC recommended construction (Report No 37282) of control tower at \$2.4m (mid 82 prices) against original component value of \$0.9m. Current estimated cost of control tower (December 1983 prices) is \$2.8m. The air traffic services centre was completed at a cost of \$2.7m. Total current estimated cost is thus \$5.5m.

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| Project<br>and number of report                                                                               | Hearing<br>Dates    | Estimated<br>Cost at<br>Hearing | Tender<br>Estimate/<br>Price | Final<br>Cost/<br>Current<br>Estimate | Current Position                                                                                                                                                                | Expected/Actual<br>Completion<br>Date |
|---------------------------------------------------------------------------------------------------------------|---------------------|---------------------------------|------------------------------|---------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------|
| <b>Reports tabled in 1982</b>                                                                                 |                     |                                 | \$M                          | \$M                                   |                                                                                                                                                                                 |                                       |
| Construction of Additional Training and Sleeping Accommodation at RAF Base Laverton, Victoria (1/82)          | 26-1.82             | 5.6                             |                              | 6.6                                   | Training facilities (\$2.8m) - balance (\$3.8m) planned to commence in 1985/86                                                                                                  | April 1984                            |
| Upgrading of Airport Facilities for the Introduction of Domestic Wide-Body Aircraft (2/82) - Final Report     | 19.10.82<br>27.1.82 | 10.9                            | Progressive commitment       | 14.5 (commital)                       | Adelaide Airport (\$10.7m) - balance (\$3.8m) planned to be completed<br>Ibhart Airport (\$3.9m) - first element (\$1.4m) completed<br>- second element (\$2.5m) commenced 8/84 | May 1984                              |
| Construction of Facilities for a Tactical Fighter Squadron, RAF Base, Darwin, N.T. (3/82)                     | 4-5.3.82            | 9.6                             |                              |                                       | Work not proceeded with pending decision on the part of the Base proposal - referred to the Committee on 15.12.1983                                                             | June 1983                             |
| Construction of Living and Training Accommodation at RAF Base, Waggaman, N.S.W. (4/82)                        | 15-3.82             | 7.6                             | 7.6                          | 7.6                                   | Construction commenced - 80% complete overall                                                                                                                                   | March 1984                            |
| Adelaide Airport - Upgrading for International Services (5/82)                                                | 31.3.82<br>1-2.4.82 | 10.9                            | 11.6                         | 12.6                                  | Main contract completed 25 March 1983                                                                                                                                           | July 1984                             |
| (Redevelopment of Brisbane International Airport) - Final Report (6/82)                                       | 14-15.7.82          | 164.6                           | Progressive commitment       | 181.0                                 | Work is well advanced in commitment of civil engineering elements. Building phase has commenced with work on control tower, maintenance complex and domestic terminal           | late 1986                             |
| (Redevelopment of Brisbane International Airport) - Progress Report of Works of Phase 1 - (Final Report 7/82) | 7.12.82             | 46.0                            | Progressive commitment       | 50.3                                  | Refer (12/81) Page 11                                                                                                                                                           |                                       |
| Air Traffic Services Centre and Central Tower, Adelaide Airport N.A. - Final Report (8/82)                    | 28-29.7.82          | 3.6                             |                              |                                       |                                                                                                                                                                                 |                                       |

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| Project<br>and number of report                                                                                                                                                       | Hearing<br>Dates | Estimated<br>Cost at<br>Hearing | Tender<br>Estimate/<br>Price | Final<br>Cost/<br>Current<br>Estimate | Current Position                                                                               | Expected/Actual<br>Completion<br>Date |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------|---------------------------------|------------------------------|---------------------------------------|------------------------------------------------------------------------------------------------|---------------------------------------|
| <b>Reports tabled in 1982</b>                                                                                                                                                         |                  |                                 | \$M                          | \$M                                   |                                                                                                |                                       |
| Development of RAF Base, Derby N.A. - Stage 1 (9/82)                                                                                                                                  | 26-27.7.82       | 50.7                            | Progressive commitment       | 62.2                                  | Construction commenced - 46 complete overall                                                   | July 1987                             |
| Replacement of Operating Theatres and Refurbishment of Surgical Wards at the Royal Melbourne Hospital, Parkville, Victoria (10/82)                                                    | 10.8.82          | 6.5                             | 7.2                          | 7.2                                   | Contract let December 1983.                                                                    | June 1985                             |
| Stage 1 - Construction of new works and upgrading of existing facilities for the development of a new research and development centre at Fishermans Bend, Melbourne, Victoria (11/82) | 11.8.82          | 5.4                             | Progressive commitment       | 5.7                                   | Commenced December 1983 - Final stage 80% complete                                             | May 1984                              |
| Physics Division Building, Materials Research Laboratories, North Ryde, New South Wales (12/82)                                                                                       | 12.8.82          | 2.6                             | 2.4                          | 2.4                                   | Commenced July 1983 - 20% complete                                                             | March 1985                            |
| Development of RAF Base, East Sale, Victoria, Stage 1 (13/82)                                                                                                                         | 25.10.82         | 15.5                            |                              |                                       | Not yet commenced                                                                              |                                       |
| Development of the Military Area at Woodside (14/82) for the 16th Air Defence Regiment                                                                                                | 6.9.82           | 16.9                            | 17.8                         | 17.8                                  | Main contract works expected to commence early in 1984.                                        | February 1986                         |
| Construction of an Engineering Training Centre at Pasadena, S.A. for Telecom Australia (15/82)                                                                                        | 24.9.82          | 3.2                             | 2.3                          | 2.7                                   | Contract let July 1983 20% complete                                                            | January 1985                          |
| Redevelopment of Port Queenscliff, Queenscliff, Victoria (16/82)                                                                                                                      | 3.11.82          | 8.3                             |                              | 8.6                                   | Phase A (\$2.8m) - construction to commence early 1984<br>Phase B (\$4.5m)<br>Phase C (\$1.3m) | July 1985                             |

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APPENDIX D

GENERAL  
NOTES:

1. The estimated cost of proposals when referred to the Public Works Committee is based on prices current at the time the estimate is made. The date of the estimate is quoted to the Committee. In accordance with Department of Finance policy, no provision is made for the escalation of building costs.
2. Costs have been rounded to one decimal point.
3. Current estimates include the effects of changes which have occurred to award wages and material prices, but do not attempt to forecast future movements.
4. The percentage completion shown for projects relates to physical progress.