MINUTES

PRESENT:

Professor Clyde Wild (Chair)
Professor Sue Berners-Price
Associate Professor Michael Blumenstein
Associate Professor Wendy Loughlin
Professor Joe Lee (part one)
Professor Mark von Itzstein (part one)
Professor Abdul Sattar (part one)
Professor Yew-Chaye Loo (part one)
Mr James Walden (part one)
Professor Bofu Yu
Professor Hamish McCallum
Associate Professor Peter Bernus
Associate Professor Robert Sang
Ms Glenda Graham (part one)
Mr Stephen Boyd (part one)
Mr George Klich (part one)
Mr Liam Staunton (part one)
Mr Vince Lalor (part one)
Mr Phillip McDonald

APOLOGIES:

Professor Stuart Bunn
Professor Frank Clarke
Associate Professor Steven O’Keefe
Associate Professor Charles Lemckert
Dr Wayne Pullan
Associate Professor Anthony Carroll
Associate Professor Albert Gabric
Ms Catherine Delahunty

Secretary: Ms Silja Leskinen

1.0 CONFIRMATION OF MINUTES

The minutes of the 3/2011, (8 April), meeting of the SEET Group Board, having been circulated, were taken as read and confirmed.

PART ONE (10.00am – 12.00 noon) (previously SEET Group Board)

2.0 NEW BUSINESS

2.1 PVC Report

The PVC reported on the following matters:

- Outreach Strategy
  The Board was advised that an address regarding outreach activities by Associate Professor Richard John, Program Leader, GSEA, had been deferred to the next meeting.
• Vice Chancellor’s Research Excellence Awards
The PVC congratulated the SEET Group winners of the Vice Chancellor’s Research Excellence Awards: Professor Stuart Bunn, Australian Rivers Institute for the Research Leadership Award, and Professor Howard Wiseman, Associate Professor Geoff Pryde and Dr Austin Lund for the Research Team Award, and noted that the award ceremony marked the launch of a new campaign to promote the research excellence of Griffith University.

• Commonwealth Budget
Members were provided a written summary of research-related items from the Commonwealth Budget, and noted that the budget had been generally well received by the University Executive. Most major items of relevance to Griffith University had been maintained as foreshadowed in the previous budget. The Board noted two items of interest: A new initiative, Australia–China Science and Research Fund to assist collaboration between Australian and Chinese scientists and a reduction in funding for the Cooperative Research Centre program over the next four years.

• China Visit
The Board noted that a delegation from the SEET Group, led by Professor Sue Berners-Price, had recently visited a number of Chinese universities, as well as the Chinese Academy of Science and the Graduate University of CAS. The visit was an opportunity to profile Griffith as a research-intensive university and to strengthen areas of collaboration and relationships with universities that have existing articulation arrangements with Griffith.

• Development and Alumni Coordinator
Members noted that Ms Regina Tucker has been appointed as the SEET Development and Alumni Coordinator.

2.2 Budget and Enrolment Update
The Group Resource Manager presented the following budget reports for SEET:

• Teaching Load (EFTSL) Half Year 2011 by Budget Element compared to Budget Targets/Projections – Teaching Week 10, Semester 1
• Taught Load Trends 2006-2011 (Actual) – FPOS CPG – 2006-2011 Actual Taught Load – Half Year, @ Teaching Week 10, Semester 1
• FPOS CPG – EFTSL by program 2006-2011 – 1st Semester
• SEET – 2011 Sem 1 – Top 10 source countries – CPG FPOS
• FPOS CPG – EFTSL by source country 2006-2011 – 1st Semester
• SEET – 2011 Sem 1 – Top 10 source country – UG FPOS
• Taught Load Trends 2006-2011 (Actual) – FPOS UG – Actual Taught Load – Half Year, @ Teaching Week 10, Semester 1
• SEET – 2011 Sem 1 – Top 10 source country – HDR FPOS
• Taught Load Trends 2006-2011 (Actual) – FPOS HDR – Actual Taught Load – Half Year, @Teaching Week 10, Semester 1
• SEET FPOS Semester 1 Load and Revenue analysis by Group, School and Program as at 12 May 2011

2.3 Academic Matters
The Dean (Academic) reported on the following matters:

• Forthcoming Performance Reviews
The Board noted that workshops are currently being conducted to inform academic staff supervisors regarding the forthcoming performance reviews. The workshops will address the University's goal that, to be rated as 'satisfactory' in research, a level B academic on a balanced profile would need to be at least 'research active'. Members were asked to convey back to the Schools that all supervisors are expected to attend these workshops. The Board noted that it is possible for staff profiles to be adjusted individually to be teaching or research “focused”, but it is important for staff to be informed about what is expected of them in order for them to meet the expectations of that standard.

2.4 Learning and Teaching Matters
The Dean (Learning and Teaching) reported on the following matters:

• QIBT SLA
The Board noted that a Service Level Agreement has been signed with the Queensland Institute of Business and Technology (QIBT). The agreement allows QIBT to utilise Griffith facilities and expertise. The agreement is signed on an annual basis and will be re-assessed each June prior to expiry of the then current agreement.

• HEPPP Funding
Members noted that a strategy for SEET is currently being formulated regarding allocation of funding from the Higher Education Participation and Partnerships Program, (HEPPP), intended to encourage participation by students of low socio-economic backgrounds. The Board will be provided further information regarding progress and outcomes of the strategy at a future meeting.

• AQF Update
The Board noted that recent changes to the Australian Qualifications Framework, (AQF), (which provides a set standard for each Australian qualification awarded by School, Vocational Education and Training and Higher Education sector), may have implications to the Masters Degree level qualifications offered by the University. The volume of learning, (duration), required of these programs may become 2 years depending on prior qualifications required. The Board will be provided further updates regarding the implications of the AQF changes as they become available.

2.5 Research Matters
The Dean (Research) reported on the following matters:

• Name Change of Workshops (Mechanical and Electronics)
The Board was requested to provide advice on a proposal to change the name of the Mechanical and Electronics Workshops to Griffith Technical Support – Mechanical and Griffith Technical Support – Electronics. These changes were proposed by the Workshop Advisory Committee in order to attract wider business to the workshops and to adopt a name that would be easier to search and identify on the Griffith website. Under this proposal the Workshop Advisory Committee would be known as the SEET Technical Support Advisory Committee.
The Board discussed the proposal and expressed its respect for the concern behind the proposal. However, members agreed that the name change would not address the issues of concern.

The Board recommended that the workshops should retain their current names. The Workshop Advisory Committee should look for new ways to seek wider audience for the workshops and investigate how similar elements are named in other universities.

- **Equipment Round Outcomes**
  Members noted that in the recent equipment round, funds were allocated to Schools based on student load rather than divided equally between the Schools as previously. Computer surcharges were included in the funding provided for new computers, to avoid Schools having to provide extra funding for that purpose. Members were advised that the Group is aspiring to raise the standard of support provided to HDR students above the minimum University requirements, and hence it is planned to allocate a new computer to each commencing HDR student as a standard in the future. Provision of a small flexible *ad hoc* and emergency fund to each element was also implemented.

- **HDR Support Progress**
  Members noted that a policy for HDR support is being developed individually for each School. These policies, once developed, will be brought back to the Group Board for comments and feedback.

**Action:** Dean (Research) to advise the Workshop Advisory Committee regarding Group Board recommendation on name changes and attracting wider audience to the workshops.

2.6 **Internationalisation Matters**

The Director (Internationalisation and Professional Liaison) reported on the following matters:

- **China Visit**
  The Board noted that, as reported by the PVC, a delegation from Griffith recently visited several universities in China. The objectives of the visit were to nurture the existing partnerships and to expand and explore new opportunities. The Board noted the importance of 2+2 programs with the exclusive markets, and the possibility of a new 2+2 program in Artificial Intelligence with Zhen Gzhou University of Light Industry. The visit was also intended to encourage collaborative research, and members noted that opportunities exist in the areas of urban planning, engineering and architecture.

3.0 **OTHER BUSINESS**

3.1 **Strategic and Annual Audit Plans**


4.0 **SUMMARY OF ACTION ITEMS**

<table>
<thead>
<tr>
<th>Action item</th>
<th>Responsible Officer/s</th>
</tr>
</thead>
<tbody>
<tr>
<td>Invite Associate Professor Richard John, Program Leader, GSEA, to address the June meeting of the Group Board.</td>
<td>Secretary</td>
</tr>
<tr>
<td>Advise the Workshop Advisory Committee regarding Group</td>
<td>Dean (Research)</td>
</tr>
</tbody>
</table>
Board recommendation on name changes and attracting wider audience to the workshops.

PART TWO (12.00 noon– 2.00pm) (previously SEET Faculty Board)

SECTION A: RECOMMENDATIONS AND REPORTS TO ACADEMIC COMMITTEE AND ITS SUB-COMMITTEES

5.0 MAJOR CHANGE SUBMISSION (2011/0002252) 1028 BACHELOR OF AVIATION

5.1 The Dean (Learning and Teaching) advised the Board regarding revisions to the Bachelor of Aviation (1028) submission (2011/0002252), and how the revisions align with changes to the Graduate Diploma of Flight Management.

5.2 The Board noted advice from the Academic Registrar that it would be improper to require completion of the Pilot Aptitude Assessment (PAA) as a pre-requisite for entry to the program since there is no intention that the score obtained on the test will preclude entry; in other words, there is no pass/fail or graded result forming an entry requirement. It would be acceptable to label the test as recommended or advised, since it's purpose will be to provide students and teaching staff with useful supplementary information about student aptitude and capability in the program. It should be made clear that the test is optional but recommended.

5.3 The Board agreed that the submission (2011/0002252) be amended to replace wording that indicates that the PAA is required for admission by wording to indicate that the PAA is recommended.

5.4 The Board noted a number of spelling and other minor errors to be corrected prior to forwarding to the Programs Committee.

Resolution

5.5 On the recommendation of the Dean (Learning & Teaching), the Group Board resolved to recommend to the Programs Committee that the major changes to the Bachelor of Aviation (1028), as described in (2011/0002252) be approved for introduction from semester 2, 2012 subject to the above amendments.

Action: Secretary to forward program submission for Bachelor of Aviation (1028) to Programs Committee.

6.0 MAJOR CHANGE SUBMISSION (2011/0004276) 4140 GRADUATE DIPLOMA OF FLIGHT MANAGEMENT

6.1 On the recommendation of the Dean (Learning and Teaching), the Faculty Board was asked to consider the submission (2011/0004276) proposing major changes to the Graduate Diploma of Flight Management (4140) for introduction from summer semester Jan/Feb 2012 (3119). The changes affect the following aspects of the program:

- Practical program costs
- Flight training standards management
- Credit for additional hours under the General Flight Progress Test
- Management of the Practical Program
- Failure to reach practical training standards
Practical Program requirements

6.2 The changes were proposed in order to achieve better alignment of professional standards within the Graduate Diploma of Flight Management and the Bachelor of Aviation (Pilot Stream) and to improve student progression and completion of the Graduate Diploma of Flight Management and the Bachelor of Aviation (Pilot Stream).

6.3 The Board noted that the statement “contract in place” on page six of the document, referring to the approved flight training provider, needs to be removed.

6.4 The Board noted advice from the Academic Registrar that it would be improper to require the Pilot Aptitude Assessment (PAA) as a pre-requisite for entry to the program since there is no intention that the outcome of the test will preclude entry, in other words there is no pass/fail or graded result forming an entry requirement. It would be acceptable to label the test as recommended or advised, since it's purpose will be to provide students and teaching staff with useful supplementary information about student aptitude and capability in the program. It should be made clear that the test is optional but recommended.

6.5 The Board agreed that the submission (2011/0004276) be amended to replace wording that indicates that the PAA is required for admission by wording to indicate that the PAA is strongly recommended.

6.6 The Board noted a number of spelling and other minor errors to be corrected prior to forwarding to the Programs Committee.

Resolution

6.7 On the recommendation of the Dean (Learning & Teaching), the Group Board resolved to recommend to the Programs Committee that the major changes to the Graduate Diploma of Flight Management (4140), as described in (2011/0004276) be approved for introduction from semester 2, 2012 subject to the above amendments.

Action: Secretary to forward program submission for Graduate Diploma of Flight Management (4140) to Programs Committee.

7.0 NEW PROGRAM PROPOSAL (2011/0004273)

5574 MASTER OF ENGINEERING (DUAL SPECIALISATION)

7.1 On the recommendation of the Dean (Learning and Teaching), the Group Board was asked to consider the submission (2011/0004273) proposing the introduction of a new program, Master of Engineering (Dual Specialisation) (5574).

7.2 The program is proposed as a response to student requests and addresses the need for a two year postgraduate coursework program providing advanced engineering skills without the requirement to undertake research (current offering includes a compulsory 40CP research component).

7.3 The Board noted that course 7201ENG Project Management is listed as a core course as well as an elective course within the Engineering Management and Environmental Engineering specialisations and requested that the course be deleted from the specialisations.

Resolution
7.4 On the recommendation of the Dean (Learning & Teaching), the Group Board resolved to recommend to the Programs Committee that the Master of Engineering (Dual Specialisation) (5574), will be introduced for offer for commencing students from semester 2, 2011, subject to the above amendment.

**Action:** Secretary to forward program submission for Master of Engineering (Dual Specialisation) (5574) to Programs Committee.

8.0 **MAJOR CHANGE SUBMISSION (2011/0004274)**

**5519 MASTER OF CLINICAL SCIENCE WITH HONOURS (CLINICAL MICROBIOLOGY/CLINICAL PHYSIOLOGY/APPLIED CLINICAL GENETICS)**

8.1 On the recommendation of the Dean (Learning and Teaching), the Group Board was asked to consider the submission (2011/0004274) proposing to introduce a new award specialisation, Applied Clinical Genetics, to the Master of Clinical Science with Honours program. This specialisation is proposed to meet the demands of an increasing number of medical practitioners and other health professionals who are working in a variety of health disciplines, in genetic research involving human participants.

**Recommendation**

8.2 On the recommendation of the Dean (Learning & Teaching), the Faculty Board resolved to recommend to the Programs Committee that an award specialisation, Applied Clinical Genetics, within the Master of Clinical Science with Honours (5519), as described in (2011/0004274), be approved for introduction from semester 2, 2011.

**Action:** Secretary to forward program submission for Master of Clinical Science with Honours (Clinical Microbiology/Clinical Physiology/Applied Clinical Genetics) (5519) to Programs Committee.

**SECTION B: ACTION UNDER DELEGATED AUTHORITY**

9.0 **MINOR CHANGE SUBMISSION (2011/0004271)**

**1310 BACHELOR OF ENGINEERING (CIVIL ENGINEERING)**

9.1 On the recommendation of the Dean (Learning and Teaching), the Group Board was asked to ratify the minor change submission (2011/0004271) proposing the following changes to program 1310 Bachelor of Engineering (Civil Engineering):

- Replace 3103ENG Concrete Structures with 1005ENG Electronics for Engineers in 3rd year, semester 2, (duplicated entry for 3103ENG), program structure for students commencing in 2009, (July entry).

**Resolution**

9.2 On the recommendation of the Dean (Learning and Teaching), the Group Board resolved to ratify the minor change submission (2011/0004271) proposing changes to 1310 Bachelor of Engineering for implementation from semester 2, 2011.
10.0 MINOR CHANGE SUBMISSION (2011/0004272) 
1042/1109 BACHELOR OF INFORMATION TECHNOLOGY

10.1 On the recommendation of the Dean (Learning and Teaching), the Group Board was asked to ratify the minor change submission (2011/0004272) proposing the following changes to program 1042/1109 Bachelor of Information Technology:

- Remove course 3024MGT Globalisation and Management and replace by 3004IBA Inter-Cultural Management, as advised by Griffith School of Business.

Resolution

10.2 On the recommendation of the Dean (Learning and Teaching), the Group Board resolved to ratify the minor change submission (2011/0004272) proposing changes to 1042/1109 Bachelor of Information Technology for implementation from semester 2 2011.

11.0 MINOR CHANGE SUBMISSION (2011/0004275) 
5079 MASTER OF AVIATION MANAGEMENT

11.1 On the recommendation of the Dean (Learning and Teaching), the Group Board was asked to ratify the minor change submission (2011/0004275), proposing the following changes to program 5079 Bachelor of Aviation Management:

- Introduce a new 10CP elective course 7512BPS Aviation Leadership and Communications
- Introduce a new 10CP elective course 7514BPS Human Factors for Aviation Managers
- Withdraw the 10CP elective course 7502BPS Aviation Management
- Change the title of the 30CP compulsory course 7507BPS from Aviation Management Project to Aviation Management Research Paper
- Change the semester of offer of 7505BPS Project Management from semester 2 to semester 1, effective from 2012.

Resolution

11.2 On the recommendation of the Dean (Learning and Teaching), the Group Board resolved to ratify the minor change submission (2011/0004275) proposing changes to 5079 Master of Aviation Management for implementation from semester 2 2011.

12.0 PROGRAM CONVENOR AND FIRST YEAR ADVISOR CHANGES

12.1 On the recommendation of the Dean (Learning and Teaching), the Group Board resolved to ratify Program Convenor and First Year Advisor changes as listed below for 2011.

3207 Graduate Certificate in Clinical Science (Clinical Microbiology/Clinical Physiology) – Ms Alison White
5471 Master of Clinical Science (Clinical Microbiology/Clinical Physiology) – Ms Alison White
5519 Master of Clinical Science with Honours (Clinical Microbiology/Clinical Physiology) – Ms Alison White
1004 Bachelor of Science (Environment) – Associate Professor Albert Gabric
1009 Bachelor of Environmental Management – Associate Professor Albert Gabric
1007 Bachelor of Science (Ecology and Conservation Biology) – Associate Professor Albert Gabric
1121 Bachelor of Laws/Bachelor of Science (Environment) – Associate Professor Albert Gabric

SECTION C: OTHER RECOMMENDATIONS AND REPORTS
[TO PERSONS/COMMITTEES OTHER THAN THE PARENT COMMITTEE(S)]

Nil

SECTION D: MATTERS NOTED, CONSIDERED OR REMAINING UNDER DISCUSSION

13.0 INFORMATION SERVICES REPORT

Mr Phillip McDonald provided a report on the following matters:

- Griffith Research Hub
- Wireless Microphone Trial
- Research Impact Services
- Higher Degree Research Guide for Students
- Support Services for HDR Students
- Subject Guides

Noted

14.0 2010 ANNUAL PROGRAM MONITORING

14.1 The Board noted the following timeframe for Annual Program Review and Improvement Reports:

1) Program Convenor considers Program Performance Data, prepares APRIR and forwards to the Head of School by Monday 28 February 2011.

2) Head of School considers Program Performance Data and APRIR and either approves or returns to Program Convenor for further work. Once approved, all APRIRs to be forwarded to the Dean (Learning and Teaching) by Monday 28 March 2011.

3) Dean (Learning and Teaching) considers Program Performance Data and APRIR and either approves APRIR or, after consultation with the Head of School, advises the Program Convenor that the APRIR requires further work.

4) Dean (Learning and Teaching) completes the Dean’s Report, providing a brief annual review of the performance of the Group’s programs and forwards with the APRIRs to secretary of Programs Committee by Friday 29 April 2011.

5) APRIRs and Deans’ Reports to be considered at Programs Committee June 2011 meeting.
14.2 The Heads of Elements were encouraged to ensure that any outstanding APRIRs are forwarded to the Dean (Learning and Teaching) in a timely manner.

Noted

15.0 TIMELINES FOR PROGRAM PLANNING, DEVELOPMENT AND APPROVAL - 2012

15.1 The Board was asked to note the following critical dates for approval of program proposals for implementation in 2012:

<table>
<thead>
<tr>
<th>Approval of New Program Submissions by:</th>
<th>For implementation in Semester 1 2012</th>
<th>For implementation in Semester 2 2012</th>
</tr>
</thead>
<tbody>
<tr>
<td>SEET Group Board</td>
<td>13 May 2011</td>
<td>18 November 2011</td>
</tr>
<tr>
<td>Programs Committee – Final Date for Approval</td>
<td>14 July 2011</td>
<td>17 February 2012</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Major program changes which require the approval of Programs Committee:</th>
<th>For implementation in Semester 1 2012</th>
<th>For implementation in Semester 2 2012</th>
</tr>
</thead>
<tbody>
<tr>
<td>SEET Group Board</td>
<td>19 August 2011</td>
<td>February 2012</td>
</tr>
<tr>
<td>Programs Committee – Final date</td>
<td>1 September 2011</td>
<td>2 March 2012</td>
</tr>
</tbody>
</table>

Noted

16.0 OTHER BUSINESS

Nil

17.0 2011 MEETING SCHEDULE

Remaining 2011 meetings of the SEET Group Board will be held at 10.00am on the following dates:

<table>
<thead>
<tr>
<th>Meeting Date</th>
<th>Campus</th>
<th>Venue</th>
</tr>
</thead>
<tbody>
<tr>
<td>10 June</td>
<td>Gold Coast</td>
<td>Room 2.02 The Chancellery (G34)</td>
</tr>
<tr>
<td>19 August</td>
<td>Gold Coast</td>
<td>Room 2.02 The Chancellery (G34)</td>
</tr>
<tr>
<td>16 September</td>
<td>Nathan</td>
<td>Room 2.02 Bray Centre (N54)</td>
</tr>
<tr>
<td>21 October</td>
<td>Gold Coast</td>
<td>Room 2.02 The Chancellery (G34)</td>
</tr>
<tr>
<td>18 November</td>
<td>Nathan</td>
<td>Room 2.02 Bray Centre (N54)</td>
</tr>
</tbody>
</table>

18.0 SUMMARY OF ACTION ITEMS

<table>
<thead>
<tr>
<th>Action item</th>
<th>Responsible Officer/s</th>
</tr>
</thead>
<tbody>
<tr>
<td>Forward program submission for Bachelor of Aviation (1028) to Programs Committee.</td>
<td>Secretary (action taken)</td>
</tr>
<tr>
<td>Forward program submission for Graduate Diploma of Flight Management (4140) to Programs Committee.</td>
<td>Secretary (action taken)</td>
</tr>
<tr>
<td>Forward program submission for Master of Engineering (Dual Specialisation) (5574) to Programs Committee.</td>
<td>Secretary (action taken)</td>
</tr>
<tr>
<td>Forward program submission for Master of Clinical Science with Honours (Clinical Microbiology/Clinical Physiology/Applied Clinical Genetics (5519) to Programs Committee.</td>
<td>Secretary (action taken)</td>
</tr>
</tbody>
</table>
DISTRIBUTION LIST

Group Board Members

Professor Clyde Wild
   Dean (Academic)

Professor Sue Berners-Price
   Pro Vice Chancellor (Science, Environment, Engineering & Technology)

Associate Professor Michael Blumenstein
   Dean, Research (Science, Environment, Engineering & Technology)

Associate Professor Wendy Loughlin
   Dean, Learning & Teaching (Science, Environment, Engineering & Technology)

Professor Bofu Yu
   Head, Griffith School of Engineering

Associate Professor Peter Bernus
   Head, School of Information & Communication Technology

Professor Hamish McCallum
   Head, Griffith School of Environment

Professor Frank Clarke
   Head, School of Biomolecular & Physical Sciences

Associate Professor Charles Lemckert/Associate Professor Steven O’Keefe
   Deputy Head, Griffith School of Engineering

Dr René Hexel/ Dr Wayne Pullan
   Deputy Head, School of Information & Communication Technology

Associate Professor Anthony Carroll/Associate Professor Albert Gabric
   Deputy Head, Griffith School of Environment

Dr Ann McDonnell/ Associate Professor Robert Sang
   Deputy Head, School of Biomolecular & Physical Sciences

Representative of the Directors of the Group Research Centres

Professor Yew-Chaye Loo
   Director, Internationalisation & Professional Liaison

Professor Stuart Bunn
   Director, Australian Rivers Institute

Professor Ron Quinn
   Director, Eskitis Institute for Cell and Molecular Therapies

Professor Abdul Sattar
   Director, Institute for Integrated and Intelligent Systems

Professor Mark von Itzstein
   Director, Institute for Glycomics

Mr James Walden
   Group Resource Manager (SEET)

Ms Glenda Graham
   Human Resource Manager (SEET)

Ms Catherine Delahunty
   Executive Officer to the PVC

Mr Stephen Boyd

Mr George Klich
   Technical Managers, Technical Services (SEET)
Mr Vince Lalor  
Deputy Resource Manager

Ms Paula Kitto  
invited

Mr Liam Staunton  
HR Advisers (SEET)

Ms Veronica Dawson  
INS representative

Professor Allan Cripps  
Pro Vice Chancellor (Health)

Professor Nick Buys  
Dean, Learning & Teaching (Health Group)

invited

Information Copies
School Administrative Officers – Science, Environment, Engineering & Technology Group
School Secretaries – Science, Environment, Engineering & Technology Group

Other Copies
Corporate Archives & Records Management copy (attachments)
Binding copy (attachments)
Spare copy