

AARNet

REVIEW of 1989 ACTIONS

and

OVERVIEW

of

MANAGEMENT STRUCTURE

for

DISCUSSION

at

AARNet STEERING COMMITTEE - DECEMBER 1989

**Robin Erskine
Adelaide
December 1989**

December 1988	Consensus on network architecture at Sydney meeting
February 1989 to April 1989	Geoff Huston appointed as Technical Manager, Networking Meetings of Steering and Technical Committees
May 1989	AVCC Executive accepts plans from Steering Committee
June 1989	Full AVCC meeting endorses plans and guarantees funding
July 1989	ACDP accepts plans Geoff Huston goes to Hawaii
August 1989	Universities, Colleges and CSIRO accept membership Submission made to ARC
September	RFI issued to industry <ul style="list-style-type: none"> • around 80 requests for RFI • More than 30 submissions
October 1989	<ul style="list-style-type: none"> • 7 proposals investigated Ungermann Bass Control Data Australia Proteon SUN Microsystems Digital Equipment 3Com MHS

October 1989

**Evaluation Committee meets and shortlists 2 suppliers for the primary contract - Control Data Australia and Ungermann Bass
Geoff Huston goes to Hawaii**

November 1989

Evaluation Committee confirms that UB and CDA can both satisfy the RFI. They recommend to the AVCC Executive that:

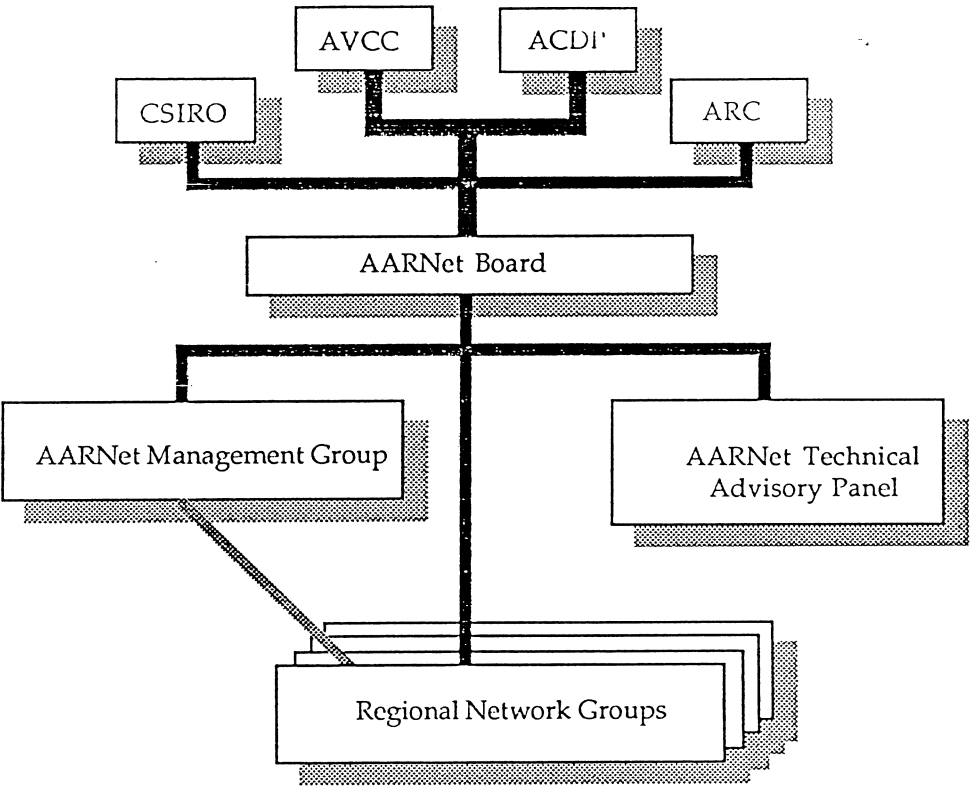
Contract negotiations be opened with Ungermann Bass; if no satisfactory contract agreed between the parties then contract negotiations be opened with Control Data Australia

ARC approves partial funding for the network for 1990,1991

Second technical person chosen

December 1989

**AVCC meets (Tuesday 5) to approve the funding of AARNet in the 1990 budget
Steering Committee scheduled to meet in Sydney on Wednesday 14 December to discuss management structures**



AARNET Board

**oversees activities of AARNet,
determines matters of policy**

Proposed membership:

- 1 member of AVCC (Chair)**
- 1 nominee of ARC**
- 1 nominee of CSIRO**
- 1 nominee of ACDP**
- 3 nominees of AVCC**

**Of the last 4, 2 should be
Directors, Computing Services
and 2 should be academics**

**AARNet Technical Manager and
Business Manager in attendance**

**Secretary from AVCC
Secretariat**

**Deputy Chairman to be elected
from members**

**Expenses of the Board funded
by AARNet**

**Board should meet regularly,
suggested on a 2 to 3 monthly
basis**

AARNet Technical Advisory Panel

Proposed Membership:

- Chaired by Member of Board**
- 7 other members with technical expertise and experience in computer networking**

Advises the Board on:

- Optimal directions of AARNet network architecture**
- Evolving use of technology**
- Provision of new and altered services on AARNet to meet user requirements**
- Matters referred to it by the Board, such as, all major proposals on the technical aspects of the network**

Expenses funded by AARNet

Meets 3 to 4 times per year

Most business to be conducted over the network

Further expertise can be drawn upon at the discretion of the Chair

AARNet Management Group

(a) Technical Management

2 people responsible for all technical and operational management of AARNet, including:

- domestic and overseas links**
- configuration of network switching equipment**
- management of network services at the national level**
- monitoring operational status**
- coordination of response to equipment failure**
- collection of usage statistics**

(b) Business Management

One person to be appointed as Business Manager responsible for

- management of budgets**
- billing members**
- payment of invoices**
- registration of affiliates**
- staff support and related matters**
- secretarial support to committees**

Regional Network Groups

Technical-oriented group drawn from network managers at sites within the region will

- participate in the engineering work of the network**
- provide regional input to the overall planning of AARNet**

Management group (optional) drawn from computer centre and academic management will

- manage regional value added services within the region**
- participate in regional initiatives to provide additional services**
- provide responses on regional matters to the AARNet Board**

Financing of these groups will be from within the region, not by AARNet central funding

Overall Operational Management

Overall responsibility lies with the technical section of AARNet

Assisted by hub host site personnel under a contract with the hub site

Hub site will provide facilities management of the equipment, call the service organisation and Telecom on problems

At institution sites, all equipment and interface to Ethernet provided by AARNet

A technical contact is required at each site to inform AARNet technical group and the state hub of all problems with AARNet equipment at the local site

Local sites will not have access to the AARNet equipment, any additional routing, interfacing at the local site is the responsibility of the site in locally owned and operated boxes