

**Network Charge Back Briefing
Pat Burns, Rev. 3 - May 10, 2001**

1. FY 02 and FY 03 Cost Projections

Table 1 FY02 and FY03 Summary Budgets		
	FY02	FY03*
Revenue		
1. Telecom cost reduction	\$643,000	\$1,289,824
2. Underground fiber revenue**	\$0	\$125,500
3. Budget carryover***	\$100,000	\$0
Subtotal networking	\$743,000	\$1,415,324
4. Library budget reallocation	\$135,089	\$135,089
Totals	\$878,089	\$1,550,413
Expense		
1. Internet costs****	\$567,420	\$845,737
2. Network switch maintenance	\$46,200	\$53,130
3. Web of Science	\$135,089	\$144,545
4. Underground fiber*****	\$0	\$125,500
5. 2 networking technicians	\$0	\$132,015
Subtotal networking	\$748,709	\$1,300,927
6. OIS classroom support	\$68,000	\$71,000
Totals	\$816,709	\$1,371,927
Budget Balance = Revenue - Expense	\$61,380	\$178,485

* FY 03 budget is assumed, and will be finalized via the P&B process for FY 03.

** Current revenue in Telecom from \$115/month underground fiber fee.

*** Anticipated budget carry-over from FY01 central networking.

**** Includes additional \$100k estimate in FY 02 for MNT.

***** Proposed in FY03 to envelop this in the backbone network charge back.

2. Backbone Network Costs

Table 2 BB Network Costs for FY 02		
Speed	No.	Annual Unit Cost
1.544 Mbps	5	\$2,342.37
10 Mbps	24	\$4,247.81
100 Mbps	34	\$11,893.88
1,000 Mbps	7	\$33,302.85
Total		\$748,709

3. Net costs in FY 02 (small corrections made, 16 funds included in central)

Table 3 FY 02 Costs by Fund Category				
Fund Aggregation	Phone Savings		Network Costs	Net Cost (Network – BS savings)
Central: 13-17,19	\$447,705.02	31.38%	\$581,916	\$134,210*
Research: 53	\$25,439.77	31.38%	\$7,334	-\$18,106
Housing**	\$69,478.92	6.97%	\$69,479	\$0.00
Non-central (all other)	\$100,376.29	31.38%	\$89,980	-\$10,396
Totals	\$643,000		\$748,709	\$105,708.00*

* Note: there is about \$100,000 in networking “bridge” funding that we have requested to carry over from FY 01 and \$67k (= \$135k library budget reallocation - \$68k OIS classroom support) that may be able to be applied to this difference.

** Includes Housing, Food Services and Conference Services.

4. Telephone Rates for FY's 01 and 02

Table 4 FY 01 and FY 02 Telecom Rate Summary		
	Campus	Residence Halls
Long Distance - FY 01 and 02		
- Denver/Greeley	6 ¢/min.	6 ¢/min.
- UNC	free	free
- Other domestic	10 ¢/min.	8 ¢/min.
- International	Varies by country	(Same as on-campus)
- FY 01 revenue (est.)	\$389,417	\$516,203
Basic Service Monthly Rates		
FY 02 basic service cost reduction	31.38%	6.97%
Line only		
- FY 01 monthly rate	\$21.60	\$21.50
- FY 02 monthly rate	\$14.82	\$20.00
Line with set		
- FY 01 monthly rate	\$25.20	N/A
- FY 02 monthly rate	\$17.29	N/A
Annual basic service revenue (est.)		

5. FY02 and FY 03 Projections for centrally funded units

Table 5 Annual Summary for Centrally Funded Units		
	FY02	FY03*
1. Phone Savings		
a. Percent	31.38%	62.76%
b. Annual \$	\$447,705	\$895,410
2. Network Costs	\$581,916	\$1,011,114
3. Net Total Cost	\$134,211	\$115,704

*FY 03 budget is assumed, and will be finalized via the P&B process for FY 03.

6. FY 02 alternative infrastructure plan (only if CSUIITE Project 2 is not approved in March 02)

Table 6 Alternative FY 02 IT Infrastructure Projects*	
1. Rewire Microbiology	\$300,000
2. Rewire E-wing Engineering	\$75,000
3. Classroom technology upgrades	\$60,000
4. Fiber build to Foothills	\$65,000
Total	\$500,000

* An analysis of the Telecom reserve is being developed, and will be ready next week. At present, we propose to keep the about \$300k that we could dedicate to the above projects in the Telecom reserve to fund potential overages in CSUIITE Project 1 and to fund other infrastructure projects, such as AS.12 projects for Wagar and Plant Sciences, and to support E911 and web camera activities.