

MINUTES
DALNET STUDY GROUP

NOVEMBER 25, 1985

Present: J. Williams, Chr. (WSU), F. Buckley (DPL), I. David (OU), J. Flaherty (WCCC), E. Hitchingham (OU), B. Johnson (HH), N. Skowronski (U of D), J. Smith (Beaumont), A. Walaskay (U of D)

Minutes

The Minutes of the Nov. 11, 1985 meeting were corrected to include notation of a third task for the Tape Committee, i.e., an investigation of other vendors for tape work.

Staff

J. Williams mentioned that the ad for the applications programmer was circulated in the WSU pool and had appeared in the Free Press and in the Detroit News. The person sought is expected to have PL1 and Assembler language skills. There will be some negotiating flexibility with the salary which will be around \$35,000. L. Bugg, J. Williams, and a member of the Computer Center will be the interview team.

NOTIS contract

Some minor snags have held up the final signing of the NOTIS contract. The NOTIS staff have been on the road and not able to contact WSU for exact contract language clarification. The unresolved issues appear to center on the warranty (Northwestern does not see the need), the issue of binding arbitration to settle disputes (Northwestern feels the arbitration could be more costly than the total cost of the software warrants), and a more exact definition of DALNET members (Northwestern would like to sell other software in Michigan and does not want the whole state coming in under the DALNET umbrella).

The question of warranties or performance assurances received considerable discussion. One area that needs to be assured is the number of terminals that can be carried on the system. F. Buckley suggested that one of the conditions in regard to not meeting specs might be that they either correct within a specified time, or WSU would correct and bill NOTIS for the work.

Wayne has sent the check for the software, and additional changes regarding warranties will be sent to NOTIS.

Tape Committee

Several vendors for tape dedupping and other work are being investigated. The vendors include: BNA, UTLAS, Solinet, Amigos, and Autographics. A chart detailing the costs of the various job components will be prepared. The Committee will be making a recommendation as to what should be done. Some questions still to be grappled with include whether authority work should be part of the contracting package (Wayne has had authority work and there would be the possibility of matching against that authority file), and whether there are any advantages to a joint submission.

DALNET Status

J. Williams mentioned that WSU's Business Office had recently raised some questions concerning the legal status of DALNET. It is their understanding that the articles of incorporation signed earlier were between individuals (P. Spyers-Duran, F. Buckley, B.C. Johnson) and not institutions.

Ria Frijters of Wayne's Business Office believes that a method involving a capital contribution for equipment in order to build up a depreciation reserve account may be the best mechanism for achieving DALNET's objectives. She will study the financial information. Some time in December she would like to have a meeting with the Business Officers of the DALNET institutions to discuss the issue. Some of the concerns could be hammered out at the table while everyone was present.

It appears that the WSU Business Office will recommend individual service contracts with each user institution. There is still the possibility of different types of membership (investor, subscriber, dial-up).

The questions of how to charge, (number of terminals, transactions, etc.), voting rights, and when is Wayne a DALNET member and when not, remain unresolved. F. Buckley suggested that the number of terminals on the system might be the best institutional charge indicator. Others mentioned that multi-site institutions (e.g. WCCC and DPL) need a certain number of terminals for a site even if very few transactions occur there. B. Johnson said that a core number of terminals might be assumed for each site and considered in the count.

Cost Table

The cost table format outlined at a previous DALNET meeting would be inappropriate if the method suggested by R. Frijters proves acceptable. However, some of the same costs will be needed for the service charge component. The Wayne Computer Center is currently developing an overhead figure for their costs.

Other State Activities

The Upper Fenninsula Group has not signed a contract yet.

Site Equipment

The Codex staff are reviewing DALNET needs for modems and controllers. Their estimation will be based on the number of terminals configured for the system. L. Bugg is meeting with the Telex people regarding the terminal with the full ALA character set, and to discuss the possibility of a discount with a large volume purchase. It is believed that the University of Florida was able to get a 35% discount. Telex terminals might be characterized as being somewhat tempermental but cheap. The Telex manufacturing line has to be shut down to handle library terminals (a sometime product) so there has to be considerable lead time if we choose to go this way. Discounts from IBM are also being investigated.

The Computer Center at Wayne is delaying doing any layout work until the contract with NOTIS is signed.

The DALNET group members mentioned the importance of getting some kind of assurance warranty from the Wayne Computer Center. Just as Wayne is concerned about having a warranty from NOTIS, DALNET members will need some way to assure that services provided by the WSU Computer Center are reliable and timely. Institutions are likely to want assurance of 98% uptime, with a reasonable response time, for each site, rather than as an average for all DALNET institutions.

Submitted by:

Eileen E. Hitchingham (Oakland University)

EXPENSES FOR DALNET & WSUL - 1ST YEAR

COSTS	START-UP			ON-GOING		
	EXPENSES TO WSUL		CHARGES TO DALNET	EXPENSES TO WSUL		CHARGES TO DALNET
	CSC ACTUAL COSTS	OTHER COSTS	FROM WSUL	CSC ACTUAL COSTS	OTHER COSTS	FROM WSUL
CSC SERVICE CHARGES	?	\$0	?	?	\$0	?
DOCUMENTATION						
A. NOTIS MANUALS	\$0	100/MANUAL	100/MANUAL	\$0	100/MANUAL	100/MANUAL
B. WSUL MANUALS	\$0	\$0	\$0	\$0	50/MANUAL	50/MANUAL
C. IBM, ETC., MANUALS	\$0	AT COST	AT COST	\$0	AT COST	AT COST
HARDWARE/SOFTWARE						
A. WSUL DISK & CONTROLLER	\$222,267	\$0	\$108,911 (49%)	\$38,106	\$0	\$18,671 (49%)
B. CPU, CONSOLE - P2	\$533,605	\$0	\$261,466 (49%)	**	\$0	
C. OPERATING SYSTEMS	\$14,040	\$0	\$6,880 (49%)	\$54,119	\$0	\$28,968 (49%)
D. NOTIS SOFTWARE	\$0	\$95,000	\$46,550 (49%)	\$0	\$11,000	\$5,390 (49%)
E. SAS SOFTWARE	\$7,200	\$0	\$3,528 (49%)	\$3,500	\$0	\$1,715 (49%)
F. 3725 + 32 ADDTL. LINES	\$16,000	\$0	\$16,000 (100%)	?	\$0	?
STAFF						
A. APPLICATIONS PROGRAMMERS	\$0	\$0	\$0	\$0	\$105,000	\$35,000
B. DALNET PROJECT MANAGER	\$0	\$0	\$0	\$0	\$35,000	\$35,000
C. SYSTEMS PROGRAMMER	\$0	\$0	\$0	\$40,000	\$0	\$20,000 (50%)
D. DALNET HELP DESK	\$0	\$0	\$0		\$25,000	\$25,000
START-UP						
A. DCLC TAPE LOADER SOFTWARE	\$0	\$5000/PROC CTR	\$5000/PROC CTR	\$0	\$0	\$0
B. TAPE LOADING / TAPE	?	\$0	?	\$0	\$0	\$0
C. CREATE BARCODE LABEL TAPE	?	\$0	\$100/TAPE	\$0	\$0	\$0
D. SNAPSHOT LOADER SOFTWARE	\$0	\$7500/PROC CTR	\$7500/PROC CTR	\$0	\$0	\$0
SUPPLIES/EQUIPMENT	?	?	?	?	?	?
TELECOMMUNICATIONS NETWORK						
A. DIAL-IN PORTS/PORT	?	\$0	?	?	\$0	?
B. NETWORK CONTROL HARDWARE	?	\$0	?	?	\$0	?
C. NETWORK CONTROL SERVICES	?	\$0	\$0	\$50/CRT/YR	\$0	\$50/CRT/YR
WSU OVERHEAD*						
		\$0	\$0	?	\$32837+	\$32837+

* LIB. SALARIES = (\$113,968 X 21%) + (96,800 X 3%) = \$26,837 + \$6000 FOR OFFICE RENTAL (600 SQ.FT. X \$10/SQ.FT.)
 ** INCL. IN A ABOVE

EXPENSES FOR DALNET & WSUL - 2ND YEAR

ON-GOING

START-UP

COSTS	EXPENSES TO WSUL		CHARGES TO DALNET		EXPENSES TO WSUL		CHARGES TO DALNET	
	CSC ACTUAL COSTS	OTHER COSTS	CSC ACTUAL COSTS	FROM WSUL	CSC ACTUAL COSTS	OTHER COSTS	CSC ACTUAL COSTS	FROM WSUL

CSC SERVICE CHARGES	?	\$0	?	?	?	\$0	?	?
DOCUMENTATION								
A. NOTIS MANUALS	\$0	100/MANUAL	100/MANUAL		\$0	105/MANUAL	105/MANUAL	
B. WSUL MANUALS	\$0	\$0	\$0		\$0	53/MANUAL	53/MANUAL	
C. IBM, ETC., MANUALS	\$0	AT COST	AT COST		\$0	AT COST	AT COST	
HARDWARE/SOFTWARE								
A. DALNET DISK DRIVE 1-3380-804	\$54,774	\$0	\$54,774 (100%)		\$2,880	\$0	\$2,880 (100%)	
B. DISK & CONTROLLER	\$0	\$0	\$0		\$40,011	\$0	\$19,605 (49%)	
C. CPU, CONSOLE - P2	\$0	\$0	\$0		**	\$0	**	
D. OPERATING SYSTEMS	\$0	\$0	\$0		\$62,075	\$0	\$30,416 (49%)	
E. NOTIS SOFTWARE	\$0	\$0	\$0		\$0	\$11,550	\$5,660 (49%)	
F. SAS SOFTWARE	\$0	\$0	\$0		\$3,675	\$0	\$1,801 (49%)	
G. 3725 - W/ADDTL. LINES	\$0	\$0	\$0		?	\$0	?	
STAFF								
A. APPLICATIONS PROGRAMMERS	\$0	\$0	\$0		\$0	\$113,400	\$37,800	
B. DALNET PROJECT MANAGER	\$0	\$0	\$0		\$0	\$37,800	\$37,800	
C. SYSTEMS PROGRAMMER	\$0	\$0	\$0		\$43,200	\$0	\$21,600 (50%)	
D. DALNET HELP DESK	\$0	\$0	\$0			\$27,000	\$27,000	
START-UP								
A. DCLC TAPE LOADER SOFTWARE	\$0	\$5000/PROC CTR	\$5000/PROC CTR		\$0	\$0	\$0	
B. TAPE LOADING / TAPE	?	\$0	\$0		\$0	\$0	\$0	
C. CREATE BARCODE LABEL TAPE	?	\$0	\$100/TAPE		\$0	\$0	\$0	
D. SNAPSHOT LOADER SOFTWARE	\$0	\$7500/PROC CTR	\$7500/PROC CTR		\$0	\$0	\$0	
SUPPLIES/EQUIPMENT	?	?	?		?	?	?	
TELECOMMUNICATIONS NETWORK								
A. DIAL-IN PORTS/PORT	?	\$0	\$0		?	\$0	\$0	
B. NETWORK CONTROL HARDWARE	?	\$0	\$0		?	\$0	\$0	
C. NETWORK CONTROL SERVICES	\$0	\$0	\$0		\$53/CRT/YR	\$0	\$53/CRT/YR	
WSU OVERHEAD*	\$0	\$0	\$0		?	\$35464+	\$35464+	

* LIB. SALARIES = (\$113,968 X 21%) + (96,800 X 3%) = \$26,837 + \$6000 FOR OFFICE RENTAL (600 SQ.FT. X \$10/SQ.FT.)
 ** INCL. IN B ABOVE

EXPENSES FOR DALNET & WSUL - 3RD YEAR

ON-GOING

START-UP

COSTS	EXPENSES TO WSUL		CHARGES TO DALNET		EXPENSES TO WSUL		CHARGES TO DALNET	
	CSC ACTUAL COSTS	OTHER COSTS	FROM WSUL	AT COST	CSC ACTUAL COSTS	OTHER COSTS	FROM WSUL	AT COST

CSC SERVICE CHARGES	?	\$0	?	?	?	\$0	?	?
DOCUMENTATION								
A. NOTIS MANUALS	\$0	100/MANUAL	100/MANUAL	\$0	\$0	110/MANUAL	110/MANUAL	
B. WSUL MANUALS	\$0	AT COST	AT COST		\$0	55/MANUAL	55/MANUAL	
C. IBM, ETC., MANUALS	\$0				\$0			
HARDWARE/SOFTWARE								
A. DALNET DISK DRIVE 1-3380-804	\$54,774	\$0	\$54,774	(100%)	\$3,024	\$0	\$3,024	(100%)
B. DISK & CONTROLLER	\$0	\$0	\$0		\$42,012	\$0	\$20,585	(49%)
C. CPU, CONSOLE - P2	\$0	\$0	\$0		**	\$0	**	
D. CPU UPGRADE - P3-24MG (FOR DALNET)	\$203,949	\$0	\$203,949	(100%)	?	\$0	?	(100%)
E. OPERATING SYSTEMS	?	\$0	?		\$65,179	\$0	\$31,937	(49%)
F. NOTIS SOFTWARE	\$0	\$0	\$0		\$0	\$12,128	\$5,943	(49%)
G. SAS SOFTWARE	?	\$0	\$0		\$3,859	\$0	\$1,891	(49%)
H. 3725 + 40 ADDTL. LINES	\$36,000	\$0	\$9,000	(25%)	?	\$0	?	

STAFF

A. APPLICATIONS PROGRAMMERS	\$0	\$0	\$0		\$0	\$122,472	\$40,824	
B. DALNET PROJECT MANAGER	\$0	\$0	\$0		\$0	\$40,824	\$40,824	
C. SYSTEMS PROGRAMMER	\$0	\$0	\$0		\$43,200	\$0	\$21,600	(50%)
D. DALNET HELP DESK	\$0	\$0	\$0			\$29,160	\$29,160	

START-UP

A. OCLC TAPE LOADER SOFTWARE	\$0	\$5000/PROC CTR	\$5000/PROC CTR		\$0	\$0		
B. TAPE LOADING / TAPE	?	\$0	?		\$0	\$0		
C. CREATE BARCODE LABEL TAPE	?	\$0	\$100/TAPE		\$0	\$0		
D. SNAPSHOT LOADER SOFTWARE	\$0	\$7500/PROC CTR	\$7500/PROC CTR		\$0	\$0		

SUPPLIES/EQUIPMENT

A. TELECOMMUNICATIONS NETWORK	?	?	?		?	?	?	
B. DIAL-IN PORTS/PORT	?	\$0	?		?	\$0	?	
C. NETWORK CONTROL HARDWARE	?	\$0	?		?	\$0	?	
D. NETWORK CONTROL SERVICES	\$0	\$0	\$0		\$55/CRT/YR	\$0	\$55/CRT/YR	

WSU OVERHEAD*

	\$0	\$0	\$0		?	\$38301+	\$38301+	
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* LIB. SALARIES = (\$113,968 X 21%) + (\$6,800 X 3%) = \$26,837 + \$6000 FOR OFFICE RENTAL (600 SQ.FT. X \$10/SQ.FT.)
 ** INCL. IN B ABOVE

EXPENSES FOR DALNET & WSUL - 4TH YEAR

START-UP ON-GOING

COSTS	EXPENSES TO WSUL		CHARGES TO DALNET		EXPENSES TO WSUL		CHARGES TO DALNET	
	CSC ACTUAL COSTS	OTHER COSTS	FROM WSUL	AT COST	CSC ACTUAL COSTS	OTHER COSTS	FROM WSUL	AT COST

CSC SERVICE CHARGES	?	\$0	?	?	?	\$0	?	?
DOCUMENTATION								
A. NOTIS MANUALS	\$0	100/MANUAL	100/MANUAL		\$0	115/MANUAL	115/MANUAL	
B. WSUL MANUALS	\$0	\$0	\$0		\$0	58/MANUAL	58/MANUAL	
C. IBM, ETC., MANUALS	\$0	AT COST	AT COST		\$0	AT COST	AT COST	
HARDWARE/SOFTWARE								
A. DALNET DISK DRIVE 1-3380-B04	\$54,774	\$0	\$54,774 (100%)		\$3,175	\$0	\$3,175 (100%)	
B. DALNET DISK CONTROLLER (ADDTL)	\$51,230	\$0	\$51,230 (100%)		\$2,112	\$0	\$2,112 (100%)	
C. DISK & CONTROLLER	\$0	\$0	\$0		\$44,113	\$0	\$21,614 (49%)	
D. CPU, CONSOLE - P2	\$0	\$0	\$0		**	\$0	**	
E. CPU UPGRADE - P3-24MG	\$0	\$0	\$0		?	\$0	?	
F. OPERATING SYSTEMS	\$0	\$0	\$0		\$68,438	\$0	\$33,534 (49%)	
G. NOTIS SOFTWARE	\$0	\$0	\$0		\$0	\$12,734	\$6,240 (49%)	
H. SAS SOFTWARE	?	\$0	\$0		\$4,052	\$0	\$1,986 (49%)	
I. 3725 W/ADDTL. LINES	\$0	\$0	\$0		?	\$0	?	

STAFF								
A. APPLICATIONS PROGRAMMERS	\$0	\$0	\$0		\$0	\$132,270	\$44,090	
B. DALNET PROJECT MANAGER	\$0	\$0	\$0		\$0	\$44,090	\$44,090	
C. SYSTEMS PROGRAMMER	\$0	\$0	\$0		\$46,656	\$0	\$23,328 (50%)	
D. DALNET HELP DESK	\$0	\$0	\$0			\$31,493	\$31,493	

START-UP								
A. DCLC TAPE LOADER SOFTWARE	\$0	\$5000/PROC CTR	\$5000/PROC CTR		\$0	\$0	\$0	
B. TAPE LOADING / TAPE	?	\$0	?		?	\$0	?	
C. CREATE BARCODE LABEL TAPE	?	\$0	\$100/TAPE		?	\$0	?	
D. SNAPSHOT LOADER SOFTWARE	\$0	\$7500/PROC CTR	\$7500/PROC CTR		\$0	\$0	\$58/CRT/YR	

SUPPLIES/EQUIPMENT	?	?	?		?	?	?	
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TELECOMMUNICATIONS NETWORK								
A. DIAL-IN PORTS/PORT	?	\$0	?		?	\$0	?	
B. NETWORK CONTROL HARDWARE	?	\$0	?		?	\$0	?	
C. NETWORK CONTROL SERVICES	?	\$0	\$0		\$58/CRT/YR	\$0	\$58/CRT/YR	

WSU OVERHEAD*	\$0	\$0	\$0		?	\$41365+	\$41365+	
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 ** INCL. IN B ABOVE