

VIDEO DIALTONE
NARROWCAST CHANNELS
INCREMENTAL INVESTMENTS

DESCRIPTION	ACCT*	INCREMENTAL	INCREMENTAL	TOTAL	INVESTMENT
		VDT	SHARED PLANT	VDT	PER CHANNEL
		INVESTMENT	INVESTMENT	INVESTMENT	PER POT SUB
		PER POT SUB	PER POT SUB	PER POT SUB	D=C/383 CHAN
		A	B	C=A+B	
1. VIDEO DISTRIBUTION OFFICE EQUIP	2230	\$58.46	---	\$58.46	\$0.1526
2. VDO TO VSO FACILITIES	2410	\$0.40	---	\$0.40	\$0.0010
3. VSO CROSS-CONNECT EQUIPMENT	2230	\$0.88	---	\$0.88	\$0.0023
4. VSO TO HDT FACILITIES	2410	\$13.00	---	\$13.00	\$0.0339
5. VIDEO ADMINISTRATION MODULE	2230	\$19.78	---	\$19.78	\$0.0516
6. OUTSIDE PLANT - VIDEO ADMIN.	2410	\$0.40	---	\$0.40	\$0.0010
7. LAND-VDT COMPONENTS	2111	---	\$0.80	\$0.80	\$0.0021
8. BUILDING-VDT COMPONENTS	2121	---	\$10.40	\$10.40	\$0.0272
9. POWER & COM. EQUIP. -VDT COMP.	2232	---	\$3.58	\$3.58	\$0.0093
10. TOTAL L1+...L9					\$0.28

NOTE:

* Video investments will be identified in subsidiary records.

VIDEO DIALTONE
NARROWCAST CHANNELS
SHARED PLANT INVESTMENTS

DESCRIPTION	ACCT*	INCREMENTAL	INCREMENTAL	SHARED	TOTAL	INVESTMENT
		SHARED PLANT	SHARED PLANT		INVESTMENT	
		VDT	VOICE	INVESTMENT	VDT	PER CHANNEL
		INVESTMENT	INVESTMENT	PER POT SUB	INVESTMENT	PER POT SUB
		PER POT SUB	PER POT SUB	PER POT SUB	PER POT SUB	PER POT SUB
		A	B	C	D**	E = D/383 CHAN
1. HOST DIGITAL TERMINAL EQUIPMENT	2230	\$21.23	\$104.44	\$331.24	\$115.04	\$0.3004
2. QUAD CURRENT LIMITER EQUIPMENT	2230	\$0.00	\$0.00	\$30.33	\$8.59	\$0.0224
3. HDT TO ONU FACILITIES	2410	\$0.00	\$0.00	\$248.75	\$70.45	\$0.1839
4. OPTICAL NETWORK UNIT EQUIPMENT	2230	\$13.45	\$160.19	\$361.93	\$115.96	\$0.3028
5. DROP FACILITIES	2410	\$66.79	\$81.10	\$195.05	\$122.03	\$0.3186
6. NETWORK INTERFACE DEVICE	2410	\$35.14	\$0.00	\$0.00	\$35.14	\$0.0917
7. LAND-INTEGRATED COMP.	2111	\$0.00	\$0.00	\$0.39	\$0.11	\$0.0003
8. BUILDINGS-INTEGRATED COMP.	2121	\$0.00	\$0.00	\$5.08	\$1.44	\$0.0038
9. POWER & COM. EQUIP.-INTG. COMP.	2232	\$0.00	\$0.00	\$2.33	\$0.66	\$0.0017
10. TOTAL L1+...L9		\$136.61	\$345.73			\$1.23

NOTES:

- * Video investments will be identified in subsidiary records.
- ** Shared investment allocated based on the proportion of directly assignable video investment present in the integrated components of the system, i.e.:
(Column A, Line 10) divided by (Sum of Columns A and B, Line 10).

VIDEO DIALTONE
NARROWCAST CHANNELS
TOTAL INVESTMENT

<u>DESCRIPTION</u>	<u>SOURCE</u>	<u>RESULT</u>
1. INCREMENTAL INVESTMENTS	WP 5-8, LN10	\$0.28
2. SHARED PLANT INVESTMENTS	WP 5-9, LN10	\$1.23
3. TOTAL		\$1.51

VIDEO DIALTONE
NARROWCAST - RECURRING COSTS PER CHANNEL

LINE	CATEGORY	SOURCE	RESULT
1	UNIT INVESTMENT	WP5-10, L3	\$1.51
2	DEPRECIATION	COST STUDY	\$0.1369
3	COST OF MONEY	COST STUDY	\$0.1319
4	INCOME TAX	COST STUDY	\$0.0523
5	MAINTENANCE	COST STUDY	\$0.0626
6	ADMINISTRATION	COST STUDY	\$0.0456
7	OTHER TAX	COST STUDY	\$0.0114
8	ANNUAL COSTS	L2 + ... L7	\$0.4406
9	HOST DIGITAL TERMINAL SOFTWARE	COST STUDY	\$0.0013
10	TOTAL ANNUAL COSTS	L8+L9	\$0.4419
11	CHANNEL OCCUPANCY FACTOR	MARKET FORECAST*	0.625
12	EFFECTIVE ANNUAL COST	L10/L11	\$0.7070
13	MONTHLY COST	L12/12 MONTHS	\$0.0589
14	OVERHEAD LOADING FACTOR	WP 5-18, L30	1.6405
15	FULLY LOADED COST	L11*L12	\$0.0967
16	PROPOSED RATE PER POTENTIAL SUBSCRIBER		\$0.08

COST RATIOS

18	DIRECT COST TO INVESTMENT	L10/L1	0.2933
19	DIRECT COST TO RATE	L13/L16	0.7365

*Channel utilization factor is based on the following assumptions:
 -Narrowcast service areas are projected to cover 25% of broadcast service area.
 -Half of the broadcast service area left uncovered by each narrowcast channel is forecasted as remaining unused by other narrowcast channels.

SOURCEPAGE:
NARROWCAST

VIDEO DIALTONE-NARROWCAST

DESCRIPTION	FRC	ACCT	INVEST.	VIDEO PLUS DIAL TONE INVESTMENT PER POT SUB	VIDEO ONLY INVESTMENT PER POT SUB	VOICE ONLY INVESTMENT PER POT SUB	SHARED INVESTMENT PER POT SUB	TOTAL VIDEO INVESTMENT PER POT SUB	VIDEO INVESTMENT PER CHAN 383 CHANS	DEPR	COM	INC TAX	MTCE	ADMIN	OTHER	TOTAL
VDO EQUIPMENT	257C	2232	CKT EQUIP.	\$58.22	\$58.22	\$0.00	\$0.00	\$58.22	\$0.1520	\$0.018317	\$0.012070	\$0.004788	\$0.003986	\$0.004576	\$0.001155	\$0.0448
VDO TO VSO FACILITIES	85C	2422	NONMET. UNDERGRND	\$0.19	\$0.19	\$0.00	\$0.00	\$0.19	\$0.0005	\$0.000033	\$0.000046	\$0.000018	\$0.000004	\$0.000015	\$0.000004	\$0.0001
	82C	2421	NONMET. AERIAL	\$0.07	\$0.07	\$0.00	\$0.00	\$0.07	\$0.0002	\$0.000008	\$0.000017	\$0.000007	\$0.000002	\$0.000006	\$0.000001	\$0.0000
	4C	2442	CONDUIT	\$0.13	\$0.13	\$0.00	\$0.00	\$0.13	\$0.0003	\$0.000007	\$0.000035	\$0.000014	\$0.000004	\$0.000011	\$0.000003	\$0.0001
	1C	2411	POLES	\$0.01	\$0.01	\$0.00	\$0.00	\$0.01	\$0.0000	\$0.000003	\$0.000002	\$0.000001	\$0.000000	\$0.000001	\$0.000000	\$0.0000
	TOTAL			\$0.40	\$0.40	\$0.00	\$0.00	\$0.40	\$0.0010	\$0.000052	\$0.000101	\$0.000040	\$0.000010	\$0.000032	\$0.000008	\$0.0002
VSO CROSS CONNECT EQUIP	257C	2232	CKT EQUIP.	\$0.88	\$0.88	\$0.00	\$0.00	\$0.88	\$0.0023	\$0.000277	\$0.000182	\$0.000072	\$0.000080	\$0.000069	\$0.000017	\$0.0007
VSO TO HDT FACILITIES	85C	2422	NONMET. UNDERGRND	\$5.88	\$5.88	\$0.00	\$0.00	\$5.88	\$0.0154	\$0.001032	\$0.001432	\$0.000567	\$0.000115	\$0.000477	\$0.000112	\$0.0037
	82C	2421	NONMET. AERIAL	\$2.57	\$2.57	\$0.00	\$0.00	\$2.57	\$0.0087	\$0.000331	\$0.000638	\$0.000254	\$0.000089	\$0.000208	\$0.000049	\$0.0016
	845C	2423	BURIED CABLE	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.0000	\$0.000000	\$0.000000	\$0.000000	\$0.000000	\$0.000000	\$0.000000	\$0.0000
	4C	2442	CONDUIT	\$4.24	\$4.24	\$0.00	\$0.00	\$4.24	\$0.0111	\$0.000226	\$0.001138	\$0.000451	\$0.000141	\$0.000343	\$0.000084	\$0.0024
	1C	2411	POLES	\$0.30	\$0.30	\$0.00	\$0.00	\$0.30	\$0.0008	\$0.000067	\$0.000075	\$0.000030	\$0.000012	\$0.000023	\$0.000008	\$0.0002
	TOTAL			\$13.00	\$13.00	\$0.00	\$0.00	\$13.00	\$0.03	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.01
VIDEO ADMIN MODULE	357C	2232	CKT EQUIP	\$17.82	\$17.82	\$0.00	\$0.00	\$17.82	\$0.0465	\$0.003808	\$0.003904	\$0.001558	\$0.003182	\$0.001242	\$0.000354	\$0.0140
	357C			\$1.98	\$1.98	\$0.00	\$0.00	\$1.98	\$0.0051	\$0.000419	\$0.000428	\$0.000171	\$0.000350	\$0.000137	\$0.000039	\$0.0015
VAM-OSP	1C	2411	POLES	\$0.01	\$0.01	\$0.00	\$0.00	\$0.01	\$0.0000	\$0.000003	\$0.000002	\$0.000001	\$0.000000	\$0.000001	\$0.000000	\$0.0000
	82C	2421	NONMET. AERIAL	\$0.07	\$0.07	\$0.00	\$0.00	\$0.07	\$0.0002	\$0.000008	\$0.000017	\$0.000007	\$0.000002	\$0.000006	\$0.000001	\$0.0000
	85C	2422	NONMET. UNDERGRND	\$0.18	\$0.18	\$0.00	\$0.00	\$0.18	\$0.0005	\$0.000032	\$0.000044	\$0.000017	\$0.000004	\$0.000015	\$0.000003	\$0.0001
	845C	2423	NONMET. BURIED	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.0000	\$0.000000	\$0.000000	\$0.000000	\$0.000000	\$0.000000	\$0.000000	\$0.0000
	4C	2441	CONDUIT	\$0.14	\$0.14	\$0.00	\$0.00	\$0.14	\$0.0004	\$0.000007	\$0.000038	\$0.000015	\$0.000005	\$0.000011	\$0.000003	\$0.0001
	TOTAL			\$0.40	\$0.40	\$0.00	\$0.00	\$0.40	\$0.0010	\$0.0001	\$0.0001	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0002
POWER AND CE- VIDEO ONLY	257C	2232	CKT EQUIP.	\$3.58	\$0.00	\$0.00	\$3.58	\$3.58	\$0.0093	\$0.001120	\$0.000738	\$0.000293	\$0.000244	\$0.000280	\$0.000071	\$0.0027
LAND-VIDEO ONLY	70C	2111	LAND	\$0.80	\$0.00	\$0.00	\$0.80	\$0.80	\$0.0021	\$0.000000	\$0.000218	\$0.000085	\$0.000000	\$0.000084	\$0.000015	\$0.0004
BUILDING-VIDEO ONLY	60C	2121	BUILDINGS	\$10.37	\$0.00	\$0.00	\$10.37	\$10.37	\$0.0271	\$0.000750	\$0.002821	\$0.001118	\$0.000904	\$0.000826	\$0.000208	\$0.0086
HOST DIGITAL TERMINAL EQ	257C	2232	CKT EQUIP	\$456.81	\$21.23	\$104.44	\$331.24	\$115.04	\$0.3004	\$0.036198	\$0.023850	\$0.009482	\$0.007900	\$0.009041	\$0.002283	\$0.0887
QUAD CURRENT LIMITER EQ	257C	2232	CKT EQUIP	\$30.33	\$0.00	\$0.00	\$30.33	\$8.58	\$0.0224	\$0.002703	\$0.001781	\$0.000707	\$0.000590	\$0.000675	\$0.000170	\$0.0086
HDT TO ONU FACILITIES	85C	2422	NONMET. UNDERGRND	\$1.55	\$0.00	\$0.00	\$1.55	\$0.44	\$0.0011	\$0.000077	\$0.000107	\$0.000042	\$0.000009	\$0.000036	\$0.000008	\$0.0003
	82C	2421	NONMET. AERIAL	\$84.81	\$0.00	\$0.00	\$84.81	\$26.80	\$0.0700	\$0.003458	\$0.006867	\$0.002645	\$0.000721	\$0.002169	\$0.000511	\$0.0162
	845C	2423	BURIED CABLE	\$20.08	\$0.00	\$0.00	\$20.08	\$5.88	\$0.0148	\$0.000740	\$0.001428	\$0.000584	\$0.000144	\$0.000480	\$0.000110	\$0.0034
	4C	2442	CONDUIT	\$1.85	\$0.00	\$0.00	\$1.85	\$0.52	\$0.0014	\$0.000028	\$0.000141	\$0.000058	\$0.000017	\$0.000042	\$0.000010	\$0.0003
	1C	2411	POLES	\$19.74	\$0.00	\$0.00	\$19.74	\$5.58	\$0.0148	\$0.001823	\$0.001383	\$0.000560	\$0.000219	\$0.000438	\$0.000111	\$0.0043
	2C	2421	MET. AERIAL	\$74.08	\$0.00	\$0.00	\$74.08	\$20.98	\$0.0548	\$0.003458	\$0.005373	\$0.002130	\$0.00181	\$0.001898	\$0.000427	\$0.0183
	5C	2422	MET. UNDERGRND	\$1.02	\$0.00	\$0.00	\$1.02	\$0.29	\$0.0008	\$0.000053	\$0.000073	\$0.000029	\$0.000019	\$0.000023	\$0.000008	\$0.0002
	45C	2423	MET. BURIED	\$35.88	\$0.00	\$0.00	\$35.88	\$10.18	\$0.0285	\$0.001411	\$0.002831	\$0.001040	\$0.001484	\$0.000822	\$0.000202	\$0.0078
	TOTAL			\$248.75	\$0.00	\$0.00	\$248.75	\$70.45	\$0.1839	\$0.0108	\$0.0178	\$0.0071	\$0.0078	\$0.0057	\$0.0014	\$0.0508
OPTICAL NETWORK UNIT EQ	257C	2232	CKT EQUIP	\$535.57	\$13.45	\$180.19	\$361.83	\$116.98	\$0.3028	\$0.036483	\$0.024038	\$0.009537	\$0.007963	\$0.009113	\$0.002301	\$0.0894
DROP	1C	2411	POLES	\$9.77	\$3.82	\$5.95	\$0.00	\$3.82	\$0.0100	\$0.001109	\$0.000852	\$0.000376	\$0.000150	\$0.000299	\$0.000076	\$0.0030
	2C	2421	MET. AERIAL	\$83.57	\$32.68	\$50.88	\$0.00	\$32.68	\$0.0854	\$0.005386	\$0.006373	\$0.003320	\$0.008074	\$0.002646	\$0.000866	\$0.0285
	45C	2423	MET. BURIED	\$248.80	\$30.28	\$24.27	\$185.05	\$85.52	\$0.2233	\$0.011879	\$0.022151	\$0.008753	\$0.012328	\$0.006922	\$0.001697	\$0.0637
	TOTAL			\$342.84	\$68.79	\$81.10	\$185.05	\$122.03	\$0.3188	\$0.0184	\$0.0315	\$0.0124	\$0.0205	\$0.0099	\$0.0024	\$0.0952
NETWORK INTERFACE DEVICE	2C	2421	MET. AERIAL	\$35.14	\$35.14	\$0.00	\$0.00	\$35.14	\$0.0917	\$0.005789	\$0.009001	\$0.003589	\$0.008679	\$0.002844	\$0.000716	\$0.0306
LAND-INTEGRATED	70C	2111	LAND	\$0.38	\$0.00	\$0.00	\$0.38	\$0.11	\$0.0003	\$0.000000	\$0.000030	\$0.000012	\$0.000000	\$0.000009	\$0.000002	\$0.0001
BUILDING-INTEGRATED	60C	2121	BUILDINGS	\$5.08	\$0.00	\$0.00	\$5.08	\$1.44	\$0.0038	\$0.000104	\$0.000391	\$0.000155	\$0.000125	\$0.000115	\$0.000029	\$0.0009
POWER AND CE-INTEGRATED	257C	2232	CKT EQUIP.	\$2.33	\$0.00	\$0.00	\$2.33	\$0.88	\$0.0017	\$0.000208	\$0.000137	\$0.000054	\$0.000045	\$0.000052	\$0.000013	\$0.0005
TOTAL				\$1,764.85	\$229.29	\$345.73	\$1,189.83	\$578.84	\$1.51	\$0.1369	\$0.1318	\$0.0622	\$0.0828	\$0.0455	\$0.0114	\$0.4404

NARROWCAST CHANNEL DATA SOURCE

DESCRIPTION	ACCOUNT	TOTAL	SECTION
VIDEO DISTRIBUTION OFC EQUIP			
Supertrunk Equipment		\$18.95	
Access Connection (Coax)		\$0.67	
ATM (Edge) Device		\$38.60	
TOTAL	257C	\$58.22	Tab J
VDO TO VSO FACILITIES			
- Non-Metal Underground Fiber	85C	\$0.19	
- Non-Metal Aerial Fiber	82C	\$0.07	
- Conduit	4C	\$0.13	
- Poles	1C	\$0.01	
TOTAL		\$0.40	Tab B
VIDEO SERVING OFFICE EQUIP	257C	\$0.88	Tab K
VSO TO HDT FACILITIES			
- Non-Metal Underground Fiber	85C	\$5.89	
- Non-Metal Aerial Fiber	82C	\$2.57	
- Conduit	4C	\$4.24	
- Poles	1C	\$0.30	
TOTAL		\$13.00	Tab B
VIDEO ADMIN MODULE			
- Circuit Equipment	357C	\$17.82	
- Circuit Equipment	357C	\$1.96	
TOTAL		\$19.78	Tab D
VAM - OSP			
- Poles	1C	\$0.01	
- Non-Metal Underground Fiber	85C	\$0.18	
- Non-Metal Aerial Fiber	82C	\$0.07	
- Conduit	4C	\$0.14	
TOTAL		\$0.40	Tab D
P/CE - VIDEO ONLY	257C	\$3.56	Tab L
LAND - VIDEO ONLY	70C	\$0.80	Tab L
BUILDING - VIDEO ONLY	60C	\$10.37	Tab L
HDT EQUIPMENT			
		Wgt. Total	In COs
		Not in COs	
-Bay	257C		
-Common Shelf	257C	\$68.57	\$68.57
-Subscriber Shelf	257C	\$280.20	\$280.20
-Voice Path	257C	\$85.43	\$0.00
-Video Path	257C		\$84.52
-Term Equipment	257C		
TOTAL		\$458.91	
QUAD CURRENT LIMITER EQUIP	257C	\$30.33	Tab H
HDT TO ONU FACILITIES			
- Non-Metal Underground	85C	\$1.55	
- Non-metal Aerial	82C	\$84.61	
- Non-Metal Buried Cable	845C	\$20.06	
- Conduit	4C	\$1.85	
- Poles	1C	\$19.74	
- Metal Aerial	2C	\$74.06	
- Metal Underground	5C	\$1.02	
- Metal Buried	45C	\$35.86	
TOTAL		\$248.75	Tab B
ONU EQUIPMENT	257C	\$535.57	Tab F
DROP			
- Poles	1C	\$9.77	
- Metal Aerial	2C	\$83.57	
- Metal Buried	45C	\$249.60	
TOTAL		\$342.94	Tab G
NETWORK INTERFACE DEVICE	2C	\$35.14	Tab I
LAND - INTEGRATED	70C	\$0.39	Tab L
BUILDINGS - INTEGRATED	60C	\$5.08	Tab L
P/CE - INTEGRATED	257C	\$2.33	Tab L
TOTAL		\$1,764.85	

SUPERTRUNK EQUIPMENT

Product Description	Units Needed	Unit Price	Total Material Price *	Maximum Service Capacity	Utilization
Geo Distribution Office Equipment: Broadcast Supertrunk Shelf Assembly ST SHELF ASSY	3	[REDACTED]	[REDACTED]	38319	100%
Fan Assembly 19" 115 VAC FAN PACK	1	[REDACTED]	[REDACTED]	38319	100%
Supertrunk Dual DS3 Input (DDI) Card ST DUAL DS3 INPUT CARD	24	[REDACTED]	[REDACTED]	38319	100%
Supertrunk Transmitter (STT) Card ST16 MUX/TX CARD-4TX	3	[REDACTED]	[REDACTED]	38319	100%
Supertrunk Rack STRR (W/4 TX)	1	[REDACTED]	[REDACTED]	38319	100%
Supertrunk Alarm STRR ALARM	1	[REDACTED]	[REDACTED]	38319	100%
Supertrunk Power Supply STRR PSU	3	[REDACTED]	[REDACTED]	38319	100%
Supertrunk Card Cage STRR CARD CAGE	3	[REDACTED]	[REDACTED]	38319	100%

	Labor Hours	Job Function Code	Labor Rate	Labor Inv.	Material Plus Labor Inv.	Investment per Pot Sub	Utilized Investment per Pot Sub
Supertrunk Shelf Assembly	1	3250	\$54.66	\$360.12	[REDACTED]	[REDACTED]	[REDACTED]
	6	4220	\$50.91		[REDACTED]	[REDACTED]	[REDACTED]
Fan Assembly	1	3250	\$54.66	\$360.12	[REDACTED]	[REDACTED]	[REDACTED]
	6	4220	\$50.91		[REDACTED]	[REDACTED]	[REDACTED]
Supertrunk Dual DS3 Input (DDI) Card	1	3250	\$54.66	\$360.12	[REDACTED]	[REDACTED]	[REDACTED]
	6	4220	\$50.91		[REDACTED]	[REDACTED]	[REDACTED]
Supertrunk Transmitter (STT) Card	1	3250	\$54.66	\$360.12	[REDACTED]	[REDACTED]	[REDACTED]
	6	4220	\$50.91		[REDACTED]	[REDACTED]	[REDACTED]
Supertrunk Rack	1	3250	\$54.66	\$360.12	[REDACTED]	[REDACTED]	[REDACTED]
	6	4220	\$50.91		[REDACTED]	[REDACTED]	[REDACTED]
Supertrunk Alarm	1	3250	\$54.66	\$360.12	[REDACTED]	[REDACTED]	[REDACTED]
	6	4220	\$50.91		[REDACTED]	[REDACTED]	[REDACTED]
Supertrunk Power Supply	1	3250	\$54.66	\$360.12	[REDACTED]	[REDACTED]	[REDACTED]
	6	4220	\$50.91		[REDACTED]	[REDACTED]	[REDACTED]
Supertrunk Card Cage	1	3250	\$54.66	\$360.12	[REDACTED]	[REDACTED]	[REDACTED]
	6	4220	\$50.91		[REDACTED]	[REDACTED]	[REDACTED]
Total Investment per Service:						\$1.40	\$1.40

* TAB N

VIDEO DISTRIBUTION OFFICE EQUIPMENT
 BROADCAST CHANNELS
 ACCESS CONNECTION (COAX) (257C)

(1) Coax Material - Price per Foot	[REDACTED]
(2) Length - Feet	[REDACTED]
(3) Material Price	\$57.50
(4) STT Access Points	48
(5) Total	\$2,760.00
(6) Potential Subscribers	38319
(7) Investment per Potential Subscriber	<u>\$0.07</u>

SOURCE:
 Vendor Quote
 Engineering Estimate
 Ln (1)*Ln(2)
 Ln (3)*Ln (4)

ATM (EDGE) DEVICE (257C)

(1) Vendor Material (16x16 or 32 port device)	\$369,825.00
(2) Potential Subscribers	38319
(3) Investment per Potential Subscriber	\$9.65
(4) Capacity Expansion Required	4
(5) Investment per Potential Subscriber	<u>\$38.60</u>

* (Below)
 Ln (1)/Ln(2)
 *(Below)
 Ln (3)*Ln (4)

* ATM MUX VENDOR QUOTE: (AT&T)

Hardware	[REDACTED]
Spares	[REDACTED]
Installation	[REDACTED]
Engineering	[REDACTED]
TOTAL:	\$369,825.00

**At the time study was conducted, pricing information was unavailable for a 64x64 (or 128 port) Edge device, therefore, the 32 port machine was used as a surrogate to calculate the investment per potential subscriber. This is a conservative approach, since it assumes that one machine with four times the capacity of a smaller machine will cost four times as much as that machine. In general, one can expect that use of the one larger machine will provide greater pricing economies.

Account	Description	Weighted Investment per Pot. Sub
VDO to VSO Facilities		
85C	VDO to VSO Underground Fiber Investment	\$0.19
82C	VDO to VSO Aerial Fiber Investment	\$0.07
4C	VDO to VSO Conduit Investment	\$0.13
1C	VDO to VSO Pole Investment	\$0.01
	TOTAL	\$0.40
VSO to Host Digital Terminal Facilities		
85C	VSO to H.D.T. Underground Fiber Investment	\$5.89
82C	VSO to H.D.T. Aerial Fiber Investment	\$2.57
4C	VSO to H.D.T. Conduit Investment	\$4.24
1C	VSO to H.D.T. Pole Investment	\$0.30
	TOTAL	\$13.00
Host Digital Terminal to Optical Network Unit Facilities		
85C	H.D.T. to O.N.U. Underground Fiber Investment	\$1.55
82C	H.D.T. to O.N.U. Aerial Fiber Investment	\$94.61
845C	H.D.T. to O.N.U. Buried Fiber Investment	\$20.06
4C	H.D.T. to O.N.U. Conduit Investment	\$1.85
1C	H.D.T. to O.N.U. Pole Investment	\$19.74
5C	H.D.T to O.N.U. Underground Power Cable Investment	\$1.02
2C	H.D.T. to O.N.U. Aerial Power Cable Investment	\$74.06
45C	H.D.T. to O.N.U. Buried Power Cable Investment	\$35.86
	TOTAL	\$248.75

Range	Sample A		Sample B		Sample C		Sample D		Total	Range
	Output Value	Weighted Output Value	Weighted Output Value							
VDO_VSO_85C	\$0.13	\$0.04	\$0.73	\$0.07	\$0.13	\$0.04	\$0.13	\$0.01	\$0.19	VDO_VSO_85C
VDO_VSO_82C	\$0.07	\$0.03	\$0.07	\$0.01	\$0.07	\$0.03	\$0.07	\$0.01	\$0.07	VDO_VSO_82C
VDO_VSO_845C	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	VDO_VSO_845C
VDO_VSO_4C	\$0.09	\$0.03	\$0.52	\$0.05	\$0.09	\$0.04	\$0.09	\$0.01	\$0.13	VDO_VSO_4C
VDO_VSO_1C	\$0.01	\$0.00	\$0.01	\$0.00	\$0.01	\$0.00	\$0.01	\$0.00	\$0.01	VDO_VSO_1C
							TOTAL		\$0.40	
VSO_HDT_85C	\$5.28	\$1.80	\$0.00	\$0.00	\$7.06	\$3.30	\$8.24	\$0.79	\$5.89	VSO_HDT_85C
VSO_HDT_82C	\$4.31	\$1.47	\$0.00	\$0.00	\$1.42	\$0.66	\$4.55	\$0.43	\$2.57	VSO_HDT_82C
VSO_HDT_845C	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	VSO_HDT_845C
VSO_HDT_4C	\$3.80	\$1.30	\$0.00	\$0.00	\$5.09	\$2.38	\$5.94	\$0.57	\$4.24	VSO_HDT_4C
VSO_HDT_1C	\$0.50	\$0.17	\$0.00	\$0.00	\$0.17	\$0.08	\$0.53	\$0.05	\$0.30	VSO_HDT_1C
							TOTAL		\$13.00	
HDT_ONU_85C	\$0.00	\$0.00	\$16.12	\$1.55	\$0.00	\$0.00	\$0.00	\$0.00	\$1.55	HDT_ONU_85C
HDT_ONU_82C	\$79.61	\$24.13	\$96.17	\$9.45	\$106.24	\$49.65	\$118.11	\$11.39	\$94.61	HDT_ONU_82C
HDT_ONU_845C	\$23.61	\$8.05	\$14.19	\$1.36	\$15.79	\$7.38	\$34.23	\$3.27	\$20.06	HDT_ONU_845C
HDT_ONU_4C	\$0.00	\$0.00	\$19.21	\$1.85	\$0.00	\$0.00	\$0.00	\$0.00	\$1.85	HDT_ONU_4C
HDT_ONU_1C	\$15.11	\$5.15	\$18.48	\$1.78	\$22.51	\$10.52	\$23.90	\$2.28	\$19.74	HDT_ONU_1C
HDT_ONU_5C	\$0.00	\$0.00	\$10.56	\$1.02	\$0.00	\$0.00	\$0.00	\$0.00	\$1.02	HDT_ONU_5C
HDT_ONU_2C	\$58.35	\$19.89	\$59.77	\$5.75	\$86.19	\$40.28	\$85.19	\$8.14	\$74.06	HDT_ONU_2C
HDT_ONU_45C	\$31.87	\$10.86	\$40.30	\$3.86	\$17.27	\$8.07	\$136.49	\$13.05	\$35.86	HDT_ONU_45C
							TOTAL		\$248.75	

Sample Calculation:

VDO_VSO_85C, Sample A, Output Value x Dover Demographic Factor = Weighted Output Value

Total Weighted Output Value = Total of Weighted Output Value, Sample Areas A - D

SAMPLE AREA "A"

VSO to Host Distribution Terminal Facilities

	<u>Length</u>	<u>Inv. per Foot</u>	<u>Total Inv.</u>	<u>Pot. Subs. per Fiber</u>	<u>Maximum Capacity</u>	<u>Utilization</u>	<u>Investment per Pot. Subs.</u>	<u>Investment with Utilization</u>
Underground Fiber Optic Cable:								
48 Fibers	750	\$3.26	\$2,445	290	13920	100.00%	\$0.18	\$0.18
72 Fibers	2250	\$4.16	\$9,360	290	20880	100.00%	\$0.45	\$0.45
84 Fibers	5000	\$4.59	\$22,950	290	24360	100.00%	\$0.94	\$0.94
96 Fibers	1166	\$5.01	\$5,842	290	27840	100.00%	\$0.21	\$0.21
144 Fibers	3166	\$6.88	\$21,782	290	41760	100.00%	\$0.52	\$0.52
216 Fibers	19200	\$9.73	\$186,816	290	62640	100.00%	<u>\$2.98</u>	<u>\$2.98</u>
					Total:		\$5.28	\$5.28
					TOTAL		85C	\$5.28
					FACTOR			0.7200
					CONDUIT		4C	\$3.80

Aerial Fiber Optic Cable:								
48 Fibers	3166	\$4.03	\$12,759	290	13920	100.00%	\$0.92	\$0.92
72 Fibers	3916	\$4.92	\$19,267	290	20880	100.00%	\$0.92	\$0.92
96 Fibers	416	\$5.78	\$2,404	290	27840	100.00%	\$0.09	\$0.09
144 Fibers	1750	\$7.64	\$13,370	290	41760	100.00%	\$0.32	\$0.32
216 Fibers	12333	\$10.50	\$129,497	290	62640	100.00%	<u>\$2.07</u>	<u>\$2.07</u>
					Total:		\$4.31	\$4.31
					TOTAL		82C	\$4.31
					FACTOR			0.1170
					POLES		1C	\$0.50

SAMPLE AREA "A"

Host Distribution Terminal to Optical Network Unit Facilities

	<u>Length</u>	<u>Inv. per Foot</u>	<u>Total Inv.</u>	<u>Pot. Subs. per Fiber</u>	<u>Maximum Capacity</u>	<u>Utilization</u>	<u>Investment per Pot. Subs.</u>	<u>Investment with Utilization</u>
Aerial Fiber Optic Cable:								
12 Fibers	208	\$2.73	\$568	3.35	40.2	100.00%	\$14.13	\$14.13
24 Fibers	256	\$3.16	\$809	3.35	80.4	100.00%	\$10.06	\$10.06
36 Fibers	94	\$3.56	\$335	3.35	120.6	100.00%	\$2.77	\$2.77
72 Fibers	191	\$4.92	\$940	3.35	241.2	100.00%	\$3.90	\$3.90
144 Fibers	875	\$7.64	\$6,685	3.35	482.4	100.00%	\$13.86	\$13.86
216 Fibers	1798	\$10.50	\$18,879	3.35	723.6	100.00%	\$26.09	\$26.09
					Total:		\$70.81	\$70.81

	<u>Length</u>	<u>Inv. per Foot</u>	<u>Total Inv.</u>	<u>Utilization</u>	<u>Investment per Pot. Subs.</u>	<u>Investment with Utilization</u>	
Aerial Power Cable							
	<u>Feeds</u>						
25 22 Gauge	83.75	350	\$3.64	\$1,274	80.00%	\$15.21	\$19.01
50 22 Gauge	167.5	146	\$4.15	\$606	80.00%	\$3.62	\$4.52
100 22 Gauge	335	156	\$5.18	\$808	80.00%	\$2.41	\$3.01
200 22 Gauge	670	858	\$7.23	\$6,201	80.00%	\$9.26	\$11.57
300 22 Gauge	1005	1366	\$9.28	\$12,674	80.00%	\$12.61	\$15.76
900 22 Gauge	3015	500	\$21.58	\$10,790	80.00%	\$3.58	\$4.47
Services							
			Total:	\$32,353		\$46.68	\$58.35

TOTAL	82C	\$70.81
TOTAL	2C	\$58.35
FACTOR		0.1170
POLES	1C	\$15.11

	<u>Length</u>	<u>Inv. per Foot</u>	<u>Total Inv.</u>	<u>Pot. Subs. per Fiber</u>	<u>Maximum Capacity</u>	<u>Utilization</u>	<u>Investment per Pot. Subs.</u>	<u>Investment with Utilization</u>
Buried Fiber Optic Cable:								
12 Fibers	104	\$4.96	\$516	3.35	40.2	100.00%	\$12.83	\$12.83
24 Fibers	127	\$5.39	\$685	3.35	80.4	100.00%	\$8.51	\$8.51
36 Fibers	47	\$5.80	\$273	3.35	120.6	100.00%	\$2.26	\$2.26
					Total:		\$23.61	\$23.61

	<u>Length</u>	<u>Inv. per Foot</u>	<u>Total Inv.</u>	<u>Utilization</u>	<u>Investment per Pot. Subs.</u>	<u>Investment with Utilization</u>	
Buried Power Cable							
	<u>Feeds</u>						
25 22 Gauge	83.75	175	\$9.04	\$1,582	80.00%	\$18.88	\$23.61
50 22 Gauge	167.5	73	\$9.54	\$696	80.00%	\$4.16	\$5.20
100 22 Gauge	335	78	\$10.54	\$822	80.00%	\$2.45	\$3.07
Services							
			Total:	\$3,100		\$25.50	\$31.87

SAMPLE AREA "B"

Host Distribution Terminal to Optical Network Unit Facilities

	Length	Inv. per Foot	Total Inv.	Pot. Subs. per Fiber	Maximum Capacity	Utilization	Investment per Pot. Subs.	Investment with Utilization
Underground Fiber Optic Cable:								
216 Fibers	1199	\$9.73	\$11,666	3.35	723.6	100.00%	\$16.12	\$16.12
Total:							\$16.12	\$16.12

	Length	Inv. per Foot	Total Inv.	Utilization	Investment per Pot. Subs.	Investment with Utilization
Underground Power Cable						
600 22 Gauge	1199	\$14.16	\$16,982	80.00%	\$8.45	\$10.56
(Feeds 2010 Services)						
Total:					\$16,982	\$8.45 \$10.56

TOTAL FACTOR CONDUIT 85C \$26.68
4C 0.7200 \$19.21

	Length	Inv. per Foot	Total Inv.	Pot. Subs. per Fiber	Maximum Capacity	Utilization	Investment per Pot. Subs.	Investment with Utilization
Aerial Fiber Optic Cable:								
12 Fibers	576	\$2.73	\$1,572	3.35	40.2	100.00%	\$39.12	\$39.12
24 Fibers	450	\$3.16	\$1,422	3.35	80.4	100.00%	\$17.69	\$17.69
36 Fibers	278	\$3.56	\$990	3.35	120.6	100.00%	\$8.21	\$8.21
72 Fibers	235	\$4.92	\$1,156	3.35	241.2	100.00%	\$4.79	\$4.79
144 Fibers	992	\$7.64	\$7,579	3.35	482.4	100.00%	\$15.71	\$15.71
216 Fibers	872	\$10.50	\$9,156	3.35	723.6	100.00%	\$12.65	\$12.65
Total:							\$98.17	\$98.17

	Feeds	Length	Inv. per Foot	Total Inv.	Utilization	Investment per Pot. Subs.	Investment with Utilization
Aerial Power Cable							
50 22 Gauge	167.5	1026	\$4.15	\$4,260	80.00%	\$25.43	\$31.79
100 22 Gauge	335	235	\$5.18	\$1,217	80.00%	\$3.63	\$4.54
200 22 Gauge	670	992	\$7.23	\$7,170	80.00%	\$10.70	\$13.38
300 22 Gauge	1005	872	\$9.28	\$8,090	80.00%	\$8.05	\$10.06
Total:					\$20,737	\$47.81	\$59.77
TOTAL FACTOR POLES						82C 1C	\$157.94 0.1170 \$18.48

	Length	Inv. per Foot	Total Inv.	Pot. Subs. per Fiber	Maximum Capacity	Utilization	Investment per Pot. Subs.	Investment with Utilization
Buried Fiber Optic Cable:								
12 Fibers	66	\$4.96	\$327	3.35	40.2	100.00%	\$8.14	\$8.14
144 Fibers	295	\$9.88	\$2,915	3.35	482.4	100.00%	\$6.04	\$6.04
Total:							845C	\$14.19 \$14.19

	Feeds	Length	Inv. per Foot	Total Inv.	Utilization	Investment per Pot. Subs.	Investment with Utilization
Buried Power Cable							
25 22 Gauge	83.75	66	\$9.04	\$596	80.00%	\$7.12	\$8.90
50 22 Gauge	167.5	278	\$9.54	\$2,652	80.00%	\$15.83	\$19.79
100 22 Gauge	335	295	\$10.54	\$3,110	80.00%	\$9.28	\$11.60
Total:				\$6,358	45C	\$32.24	\$40.30

SAMPLE AREA "C"

VDO to VSO Facilities

	<u>Length</u>	<u>Inv. per Foot</u>	<u>Total Inv.</u>	<u>Pot. Subs. per Fiber</u>	<u>Maximum Capacity</u>	<u>Utilization</u>	<u>Investment per Pot. Subs.</u>	<u>Investment with Utilization</u>
Underground Fiber Optic Cable:								
144 Fibers	2900	\$6.88	\$19,952	12773	1839312	100.00%	\$0.01	\$0.01
					Total:		\$0.01	\$0.01
144 Fibers	2900	\$6.88	\$19,952	1160	167040	100.00%	\$0.12	\$0.12
					Total:		\$0.12	\$0.12
					TOTAL FACTOR CONDUIT		85C 4C	\$0.13 0.7200 \$0.09

Aerial Fiber Optic Cable:								
144 Fibers	1500	\$7.64	\$11,460	12773	1839312	100.00%	\$0.01	\$0.01
					Total:		\$0.01	\$0.01
144 Fibers	1500	\$7.64	\$11,460	1160	167040	100.00%	\$0.07	\$0.07
					Total:		\$0.07	\$0.07
					TOTAL FACTOR POLES		82C 1C	\$0.07 0.1170 \$0.01

SAMPLE AREA "C"

VSO to Host Distribution Terminal Facilities

	<u>Length</u>	<u>Inv. per Foot</u>	<u>Total Inv.</u>	<u>Pot. Subs. per Fiber</u>	<u>Maximum Capacity</u>	<u>Utilization</u>	<u>Investment per Pot. Subs.</u>	<u>Investment with Utilization</u>
Underground Fiber Optic Cable:								
48 Fibers	4050	\$3.26	\$13,203	290	13920	100.00%	\$0.95	\$0.95
72 Fibers	500	\$4.16	\$2,080	290	20880	100.00%	\$0.10	\$0.10
96 Fibers	1125	\$5.01	\$5,636	290	27840	100.00%	\$0.20	\$0.20
144 Fibers	5487	\$6.88	\$37,751	290	41760	100.00%	\$0.90	\$0.90
216 Fibers	31600	\$9.73	\$307,468	290	62640	100.00%	<u>\$4.91</u>	<u>\$4.91</u>
					Total:		\$7.06	\$7.06
					TOTAL		85C	\$7.06
					FACTOR			0.7200
					CONDUIT		4C	\$5.09

Aerial Fiber Optic Cable:								
72 Fibers	1375	\$4.92	\$6,765	290	20880	100.00%	\$0.32	\$0.32
144 Fibers	3115	\$7.64	\$23,799	290	41760	100.00%	\$0.57	\$0.57
216 Fibers	3115	\$10.50	\$32,708	290	62640	100.00%	<u>\$0.52</u>	<u>\$0.52</u>
					Total:		\$1.42	\$1.42
					TOTAL		82C	\$1.42
					FACTOR			0.1170
					POLES		1C	\$0.17

SAMPLE AREA "C"

Host Distribution Terminal to Optical Network Unit Facilities

	<u>Length</u>	<u>Inv. per Foot</u>	<u>Total Inv.</u>	<u>Pot. Subs. per Fiber</u>	<u>Maximum Capacity</u>	<u>Utilization</u>	<u>Investment per Pot. Subs.</u>	<u>Investment with Utilization</u>
Aerial Fiber Optic Cable:								
12 Fibers	435	\$2.73	\$1,188	3.35	40.2	100.00%	\$29.54	\$29.54
24 Fibers	385	\$3.16	\$1,217	3.35	80.4	100.00%	\$15.13	\$15.13
36 Fibers	35	\$3.56	\$125	3.35	120.6	100.00%	\$1.03	\$1.03
72 Fibers	560	\$4.92	\$2,755	3.35	241.2	100.00%	\$11.42	\$11.42
96 Fibers	403	\$5.78	\$2,329	3.35	321.6	100.00%	\$7.24	\$7.24
216 Fibers	2885	\$10.50	\$30,293	3.35	723.6	100.00%	\$41.86	\$41.86
Total:							\$106.24	\$106.24

	<u>Length</u>	<u>Inv. per Foot</u>	<u>Total Inv.</u>	<u>Utilization</u>	<u>Investment per Pot. Subs.</u>	<u>Investment with Utilization</u>	
Aerial Power Cable							
<u>Feeds</u>							
25 22 Gauge	83.75	435	\$3.64	\$1,583	80.00%	\$18.90	\$23.63
50 22 Gauge	167.5	420	\$4.15	\$1,744	80.00%	\$10.41	\$13.01
100 22 Gauge	335	560	\$5.18	\$2,899	80.00%	\$8.65	\$10.82
200 22 Gauge	670	403	\$7.23	\$2,913	80.00%	\$4.35	\$5.43
300 22 Gauge	1005	2885	\$9.28	\$26,767	80.00%	\$26.63	\$33.29
Total:				\$35,906		\$68.95	\$86.19
TOTAL FACTOR POLES					82C	\$192.42	0.1170
					1C	\$22.51	

	<u>Length</u>	<u>Inv. per Foot</u>	<u>Total Inv.</u>	<u>Pot. Subs. per Fiber</u>	<u>Maximum Capacity</u>	<u>Utilization</u>	<u>Investment per Pot. Subs.</u>	<u>Investment with Utilization</u>
Buried Fiber Optic Cable:								
12 Fibers	128	\$4.96	\$635	3.35	40.2	100.00%	\$15.79	\$15.79
Total:							\$15.79	\$15.79

	<u>Length</u>	<u>Inv. per Foot</u>	<u>Total Inv.</u>	<u>Utilization</u>	<u>Investment per Pot. Subs.</u>	<u>Investment with Utilization</u>	
Buried Power Cable							
<u>Feeds</u>							
25 22 Gauge	83.75	128	\$9.04	\$1,157	80.00%	\$13.81	\$17.27
Total:				\$1,157		\$13.81	\$17.27

SAMPLE AREA "D"

Underground Fiber Optic Cable:

12 Fibers	5250	\$1.96	\$10,290	290	3480	100.00%	\$2.96	\$2.96
96 Fibers	9000	\$5.01	\$45,090	290	27840	100.00%	\$1.62	\$1.62
144 Fibers	4700	\$6.88	\$32,336	290	41760	100.00%	\$0.77	\$0.77
216 Fibers	18625	\$9.73	\$181,221	290	62640	100.00%	<u>\$2.89</u>	<u>\$2.89</u>
Total:							\$8.24	\$8.24

TOTAL	85C	\$8.24
FACTOR		0.7200
CONDUIT	4C	\$5.94

Aerial Fiber Optic Cable:

12 Fibers	1500	\$2.73	\$4,095	290	3480	100.00%	\$1.18	\$1.18
48 Fibers	6625	\$4.03	\$26,699	290	13920	100.00%	\$1.92	\$1.92
96 Fibers	7000	\$5.78	\$40,460	290	27840	100.00%	<u>\$1.45</u>	<u>\$1.45</u>
Total:							\$4.55	\$4.55

TOTAL	82C	\$4.55
FACTOR		0.1170
POLES	1C	\$0.53

SAMPLE AREA "D"

Host Distribution Terminal to Optical Network Unit Facilities

	<u>Length</u>	<u>Inv. per Foot</u>	<u>Total Inv.</u>	<u>Pot. Subs. per Fiber</u>	<u>Maximum Capacity</u>	<u>Utilization</u>	<u>Investment per Pot. Subs.</u>	<u>Investment with Utilization</u>
Aerial Fiber Optic Cable:								
12 Fibers	5	\$2.73	\$14	3.35	40.2	100.00%	\$0.34	\$0.34
24 Fibers	75	\$3.16	\$237	3.35	80.4	100.00%	\$2.95	\$2.95
36 Fibers	1831	\$3.56	\$6,518	3.35	120.6	100.00%	\$54.05	\$54.05
48 Fibers	150	\$4.03	\$605	3.35	160.8	100.00%	\$3.76	\$3.76
72 Fibers	887	\$4.92	\$4,364	3.35	241.2	100.00%	\$18.09	\$18.09
120 Fibers	567	\$6.73	\$3,816	3.35	402	100.00%	\$9.49	\$9.49
216 Fibers	2097	\$10.50	\$22,019	3.35	723.6	100.00%	\$30.43	\$30.43
Total:							\$119.11	\$119.11

	<u>Length</u>	<u>Inv. per Foot</u>	<u>Total Inv.</u>	<u>Utilization</u>	<u>Investment per Pot. Subs.</u>	<u>Investment with Utilization</u>	
Aerial Power Cable							
	<u>Feeds</u>						
25 22 Gauge	83.75	\$3.64	\$1,095	80.00%	\$13.08	\$16.35	
50 22 Gauge	167.5	\$4.15	\$2,632	80.00%	\$15.72	\$19.64	
100 22 Gauge	335	\$5.18	\$12,425	80.00%	\$37.09	\$46.36	
200 22 Gauge	670	\$7.23	\$650	80.00%	\$0.97	\$1.21	
300 22 Gauge	1005	\$9.28	\$1,299	80.00%	\$1.29	\$1.62	
			Total:		\$68.15	\$85.19	
					TOTAL FACTOR POLES	82C	\$204.30
						1C	0.1170
							\$23.90

	<u>Length</u>	<u>Inv. per Foot</u>	<u>Total Inv.</u>	<u>Pot. Subs. per Fiber</u>	<u>Maximum Capacity</u>	<u>Utilization</u>	<u>Investment per Pot. Subs.</u>	<u>Investment with Utilization</u>
Buried Fiber Optic Cable:								
12 Fibers	15	\$4.96	\$74	3.35	40.2	100.00%	\$1.85	\$1.85
24 Fibers	223	\$5.39	\$1,202	3.35	80.4	100.00%	\$14.95	\$14.95
36 Fibers	203	\$5.80	\$1,177	3.35	120.6	100.00%	\$9.76	\$9.76
48 Fibers	17	\$6.26	\$106	3.35	160.8	100.00%	\$0.66	\$0.66
72 Fibers	98	\$7.16	\$702	3.35	241.2	100.00%	\$2.91	\$2.91
216 Fibers	233	\$12.73	\$2,966	3.35	723.6	100.00%	\$4.10	\$4.10
Total:							\$34.23	\$34.23

	<u>Length</u>	<u>Inv. per Foot</u>	<u>Total Inv.</u>	<u>Utilization</u>	<u>Investment per Pot. Subs.</u>	<u>Investment with Utilization</u>
Buried Power Cable						
	<u>Feeds</u>					
25 22 Gauge	83.75	\$9.04	\$8,134	80.00%	\$97.12	\$121.40
50 22 Gauge	167.5	\$9.54	\$2,022	80.00%	\$12.07	\$15.09
			Total:		\$109.19	\$136.49

Cable Costs

	2C Account			5C Account			45C Account		
	22 Ga.	24 Ga.	25 Ga.	22 Ga.	24 Ga.	25 Ga.	22 Ga.	24 Ga.	25 Ga.
25	\$3.64	\$3.36	\$2.21	\$3.95	\$4.40	\$4.47	\$9.04	\$8.02	\$6.73
50	\$4.15	\$3.81	\$2.62	\$4.38	\$4.72	\$4.72	\$9.54	\$8.62	\$7.25
100	\$5.18	\$4.72	\$3.44	\$5.25	\$5.35	\$5.22	\$10.54	\$9.81	\$8.29
200	\$7.23	\$6.53	\$5.09	\$7.04	\$8.61	\$6.22	\$12.55	\$12.20	\$10.36
300	\$9.28	\$8.34	\$6.73	\$8.82	\$7.87	\$7.21	\$14.55	\$14.58	\$12.44
400	\$11.33	\$10.16	\$8.38	\$10.50	\$9.14	\$8.21	\$16.56	\$16.98	\$14.51
600	\$15.43	\$12.78	\$11.57	\$14.16	\$11.66	\$10.21	\$20.57	\$21.78	\$18.66
900	\$21.58	\$19.22	\$16.80	\$19.50	\$15.45	\$13.20	\$26.59	\$28.93	\$24.89
1200	\$27.73	\$24.86	\$21.54	\$24.84	\$19.24	\$16.19	\$32.81	\$36.10	\$31.11
1500	\$33.88	\$30.10	\$26.47	\$30.18	\$23.03	\$19.19	\$38.63	\$43.27	\$37.34
1800	\$40.03	\$35.55	\$31.40	\$35.52	\$26.82	\$22.18	\$44.64	\$50.44	\$43.58
2100	\$46.19	\$40.98	\$36.34	\$40.86	\$30.61	\$25.17	\$50.66	\$57.61	\$49.79
2400	\$52.34	\$46.43	\$41.27	\$46.20	\$34.39	\$28.17	\$56.68	\$64.78	\$56.01
2700	\$58.49	\$51.87	\$46.21	\$51.54	\$38.18	\$31.16	\$62.70	\$71.95	\$62.24
3000	\$64.64	\$57.31	\$51.14	\$56.88	\$41.97	\$34.15	\$68.72	\$79.12	\$68.48
3600	\$76.94	\$68.19	\$61.01	\$67.59	\$49.55	\$40.14	\$80.75	\$93.46	\$80.91
4200	\$89.25	\$79.07	\$70.88	\$78.23	\$57.13	\$46.13	\$92.79	\$107.80	\$93.36

Distribution Services Letter #1500
 From Bell Atlantic - NJ
 Network Planning
 Subj. Broad Gauge Unit Costs - Issue "L"

DOVER DEMOGRAPHICS

SAMPLE AREA	POTENTIAL SUBSCRIBERS	PERCENT TO TOTAL	HDT LOCATION	PERCENT CO HDT	PERCENT REMOTE HDT
A	13060	34.08%	REMOTE		X
B	3687	9.62%	CO	X	
C	17909	46.74%	REMOTE		X
D	3663	9.56%	REMOTE		X
TOTAL	38319	100.00%		9.62%	90.38%

SOURCE: DOVER ENGINEERING