

Study Name	<i>CHANNEL PERFORMANCE</i>	
Study Requester	<i>Lisa Avery</i>	
Type of Study	<i>TELRIC</i>	
Study ID	<i>7693</i>	
Cost Factor Group	<i>Interconnection</i>	
Study Applications		
Completion Date	<i>June 19, 2003</i>	
Cost Analyst	<i>David Workman</i>	
Study Review	Reviewer	Date
		<i>June 19, 2003</i>
Models Used	Model	Version
	<i>Wholesale Cost Program</i>	<i>2.11</i>
	<i>Cost Factor Databases</i>	<i>2001WA01E</i>
	<i>Cost Factors Model (TELRIC)</i>	<i>2001V2</i>
Cost Factors Used	Factor	Effective Date
	<i>Capital Recovery</i>	<i>06/03</i>
	<i>Maintenance</i>	<i>02/02</i>
	<i>Other Operating Taxes</i>	<i>06/03</i>
	<i>COE Land & Bldg</i>	<i>02/02</i>
	<i>Marketing Factors</i>	<i>06/03</i>
	<i>Billing & Collection (PL)</i>	<i>06/03</i>
	<i>Network Operations</i>	<i>06/03</i>
	<i>Support Assets Expense</i>	<i>06/03</i>
	<i>Common</i>	<i>06/03</i>
	<i>Cost Of Money</i>	<i>9.63%</i>
Inflation		
Major Cost Drivers		

Parameter File: I:\Recurring\Workman\LowSideChannel\WA\7693 Low Side Channel Performance 6-03\Low Side Channel Perm WA#7693.xls, Sheet "WINPC3 Parameters"

State(s): WA

Database Vintage: 2001WA01E

Factors For: Interconnection

Report Type: ICM Format

Decimal Places: 2

Costs Format: Monthly

Group Totals: Yes

ACF Input: I:\Recurring\Workman\LowSideChannel\WA\7693 Low Side Channel Performance 6-03\Low Side Channel Perm WA#7693.xls, Sheet "WINPC3 ACF Inputs"

ACF Output: I:\Recurring\Workman\LowSideChannel\WA\7693 Low Side Channel Performance 6-03\Low Side Channel Perm WA#7693.xls, Sheet "WINPC3 ACF Outputs"

Investment: I:\Recurring\Workman\LowSideChannel\WA\7693 Low Side Channel Performance 6-03\Low Side Channel Perm WA#7693.xls, Sheet "WINPC3 Investments"

Output: I:\Recurring\Workman\LowSideChannel\WA\7693 Low Side Channel Performance 6-03\Low Side Channel Perm WA#7693.xls, Sheet "WINPC3 Output"

State: Washington

Description	Loaded Investment	Total Direct Ntwk Costs	Support Assets Expense	Uncollectible	Other Direct Expenses	TELRIC	Common	TELRIC + Common
LOW SIDE CHANNEL PERFORMANCE	\$580.83	\$10.44	\$1.83	\$0.51	\$4.21	\$13.18	\$1.61	\$14.80
Low Side Channel Performance with MULTIPLEXING	\$331.34	\$5.95	\$1.04	\$0.29	\$2.40	\$7.52	\$0.92	\$8.44

6/19/03 11:55 AM					
Row	Washington	Source or Calculation	Factor Value	LOW SIDE CHANNEL PERFORMANCE	Low Side Channel Performance with MULTIPLEXING
			A	B	C
5	Investment	sl r"Total" cD		580.83	331.34
6					
7	Direct Network Costs				
8	Depreciation	Investment Cost Calc, cE		4.85	2.77
9	Cost Of Money	Investment Cost Calc, cF		2.24	1.28
10	Income Tax Expense	Investment Cost Calc, cG		0.76	0.44
11	Maintenance	Investment Cost Calc, cH		0.71	0.40
12	Other Operating Taxes	cA*(r8:r11)	0.060635	0.52	0.30
13	Other Operating Taxes Expense per Loop/Line	per loop only		0.00	0.00
14	Network Operations	cA*(r8:r11)	0.158029	1.35	0.77
15	Network Operations Expense per Loop/Line	per loop only		0.00	0.00
16	Total Direct Network Costs	Sum r8:r15		10.44	5.95
17					
18	Element Specific Expenses				
19	Direct Expenses			0.00	0.00
20	Billing & Collection - PL	cA*(r8:r11)	0.010570	0.09	0.05
21					
22	Marketing				
23	Product Management Expense	cA*(Sum(r8:r11)+r19)	0.020010	0.17	0.10
24	Sales Expense	cA*(Sum(r8:r11)+r19)	0.017259	0.15	0.08
25	Product Advertising Expense	cA*(Sum(r8:r11)+r19)	0.000000	0.00	0.00
26					
27	Support Assets Expense	cA*((r23:r25)+r16-r14-r15+r20)	0.177159	1.83	1.04
28					
29	Uncollectible	cA*((r16:r27)+r33)	0.035450	0.51	0.29
30					
31	TELRIC	Sum(r16:r30)		13.18	7.52
32					
33	Common	cA*(Sum(r16:r27)-r12)	0.132858	1.61	0.92
34	Miscellaneous Expenses			0.00	0.00
35					
36	TELRIC + Common Costs	Sum(r31:r34)		14.80	8.44

6/19/2003		CHANNEL PERFORMANCE							Total Capital
Washington									Costs
Acct	FRC	Account Name	Investment	Depreciation	Cost Of Money	Income Tax	Maintenance	Switch RTU	

LOW SIDE CHANNEL PERFORMANCE

2232.3	357C	Circuit Equipment - Other Digital Equipment	525.31	4.72	1.91	0.65	0.63	0.00	7.91
2111	20C	Land	2.02	0.00	0.02	0.01	0.00		0.02
2121	110C	Building	53.50	0.13	0.31	0.11	0.08		0.62
Total			580.83	4.85	2.24	0.76	0.71	0.00	8.56

Low Side Channel Performance with MULTIPLEXING

2232.3	357C	Circuit Equipment - Other Digital Equipment	299.67	2.69	1.09	0.37	0.36	0.00	4.52
2111	20C	Land	1.15	0.00	0.01	0.00	0.00		0.01
2121	110C	Building	30.52	0.07	0.18	0.06	0.04		0.36
Total			331.34	2.77	1.28	0.44	0.40	0.00	4.88

	A	B	C	D	E	F	G	H
1	Investment							
2	STUDY	CHANNEL PERFORMANCE						
3	DATE	6/19/2003						
4	GROUP	LOW SIDE CHANNEL PERFORMANCE						
5	EF&I	WA	525.31	0.	0.	357C	Analog Circuit Equipment	Channel Plug Investments
6	GROUP	Low Side Channel Performance with MULTIPLEXING						
7	EF&I	WA	299.67	0.	0.	357C	Analog Circuit Equipment	Channel Plug Investments

	A	B
1	Parameter	
2	WA	
3	7	
4	2	
5	Monthly	12
6	Yes	
7	No	
8		
9	11	
10	7693	

	A	B	C	D	E	F	G	H	I	J	K	L	M	N
1	ACFIN													
2	2001WA01E													
3	20C	DEPR-AVG	COM-AVG	IT-AVG	MTNC-TOT	ADVAL	BLDG	LAND	PRODMAN	SALESEXP	ADVER	BF	NTWKOP	NTWKST
4	110C	DEPR-AVG	COM-AVG	IT-AVG	MTNC-TOT	ADVAL	BLDG	LAND	PRODMAN	SALESEXP	ADVER	BF	NTWKOP	NTWKST
5	57C	DEPR-AVG	COM-AVG	IT-AVG	MTNC-TOT	ADVAL	BLDG	LAND	PRODMAN	SALESEXP	ADVER	BF	NTWKOP	NTWKST
6	257C	DEPR-AVG	COM-AVG	IT-AVG	MTNC-TOT	ADVAL	BLDG	LAND	PRODMAN	SALESEXP	ADVER	BF	NTWKOP	NTWKST
7	357C	DEPR-AVG	COM-AVG	IT-AVG	MTNC-TOT	ADVAL	BLDG	LAND	PRODMAN	SALESEXP	ADVER	BF	NTWKOP	NTWKST
8	858C	DEPR-AVG	COM-AVG	IT-AVG	MTNC-TOT	ADVAL	BLDG	LAND	PRODMAN	SALESEXP	ADVER	BF	NTWKOP	NTWKST
9	1C	DEPR-AVG	COM-AVG	IT-AVG	MTNC-TOT	ADVAL	BLDG	LAND	PRODMAN	SALESEXP	ADVER	BF	NTWKOP	NTWKST
10	52C	DEPR-AVG	COM-AVG	IT-AVG	MTNC-TOT	ADVAL	BLDG	LAND	PRODMAN	SALESEXP	ADVER	BF	NTWKOP	NTWKST
11	42C	DEPR-AVG	COM-AVG	IT-AVG	MTNC-TOT	ADVAL	BLDG	LAND	PRODMAN	SALESEXP	ADVER	BF	NTWKOP	NTWKST
12	5C	DEPR-AVG	COM-AVG	IT-AVG	MTNC-TOT	ADVAL	BLDG	LAND	PRODMAN	SALESEXP	ADVER	BF	NTWKOP	NTWKST
13	35C	DEPR-AVG	COM-AVG	IT-AVG	MTNC-TOT	ADVAL	BLDG	LAND	PRODMAN	SALESEXP	ADVER	BF	NTWKOP	NTWKST
14	62C	DEPR-AVG	COM-AVG	IT-AVG	MTNC-TOT	ADVAL	BLDG	LAND	PRODMAN	SALESEXP	ADVER	BF	NTWKOP	NTWKST
15	45C	DEPR-AVG	COM-AVG	IT-AVG	MTNC-TOT	ADVAL	BLDG	LAND	PRODMAN	SALESEXP	ADVER	BF	NTWKOP	NTWKST
16	4C	DEPR-AVG	COM-AVG	IT-AVG	MTNC-TOT	ADVAL	BLDG	LAND	PRODMAN	SALESEXP	ADVER	BF	NTWKOP	NTWKST
17	3C	DEPR-AVG	COM-AVG	IT-AVG	MTNC-TOT	ADVAL	BLDG	LAND	PRODMAN	SALESEXP	ADVER	BF	NTWKOP	NTWKST

	O	P	Q	R	S	T	U	V	W	X	Y	Z	AA	AB	AC
1															
2															
3	GENLST	COMPTR	UNCOLL	ACCNT	HREXP	INTAN	EXEC	PLAN	EXTERN	INFOR	LEGAL	PROCR	RDEXP	GENL	BC
4	GENLST	COMPTR	UNCOLL	ACCNT	HREXP	INTAN	EXEC	PLAN	EXTERN	INFOR	LEGAL	PROCR	RDEXP	GENL	BC
5	GENLST	COMPTR	UNCOLL	ACCNT	HREXP	INTAN	EXEC	PLAN	EXTERN	INFOR	LEGAL	PROCR	RDEXP	GENL	BC
6	GENLST	COMPTR	UNCOLL	ACCNT	HREXP	INTAN	EXEC	PLAN	EXTERN	INFOR	LEGAL	PROCR	RDEXP	GENL	BC
7	GENLST	COMPTR	UNCOLL	ACCNT	HREXP	INTAN	EXEC	PLAN	EXTERN	INFOR	LEGAL	PROCR	RDEXP	GENL	BC
8	GENLST	COMPTR	UNCOLL	ACCNT	HREXP	INTAN	EXEC	PLAN	EXTERN	INFOR	LEGAL	PROCR	RDEXP	GENL	BC
9	GENLST	COMPTR	UNCOLL	ACCNT	HREXP	INTAN	EXEC	PLAN	EXTERN	INFOR	LEGAL	PROCR	RDEXP	GENL	BC
10	GENLST	COMPTR	UNCOLL	ACCNT	HREXP	INTAN	EXEC	PLAN	EXTERN	INFOR	LEGAL	PROCR	RDEXP	GENL	BC
11	GENLST	COMPTR	UNCOLL	ACCNT	HREXP	INTAN	EXEC	PLAN	EXTERN	INFOR	LEGAL	PROCR	RDEXP	GENL	BC
12	GENLST	COMPTR	UNCOLL	ACCNT	HREXP	INTAN	EXEC	PLAN	EXTERN	INFOR	LEGAL	PROCR	RDEXP	GENL	BC
13	GENLST	COMPTR	UNCOLL	ACCNT	HREXP	INTAN	EXEC	PLAN	EXTERN	INFOR	LEGAL	PROCR	RDEXP	GENL	BC
14	GENLST	COMPTR	UNCOLL	ACCNT	HREXP	INTAN	EXEC	PLAN	EXTERN	INFOR	LEGAL	PROCR	RDEXP	GENL	BC
15	GENLST	COMPTR	UNCOLL	ACCNT	HREXP	INTAN	EXEC	PLAN	EXTERN	INFOR	LEGAL	PROCR	RDEXP	GENL	BC
16	GENLST	COMPTR	UNCOLL	ACCNT	HREXP	INTAN	EXEC	PLAN	EXTERN	INFOR	LEGAL	PROCR	RDEXP	GENL	BC
17	GENLST	COMPTR	UNCOLL	ACCNT	HREXP	INTAN	EXEC	PLAN	EXTERN	INFOR	LEGAL	PROCR	RDEXP	GENL	BC

	A	B	C	D	E	F	G	H	I	J	K	M	O
34													
35													
36													
37													
38	State:	Washington											
39													
40	ACCOUNTS	DEPR-AVG	COM-AVG	IT-AVG	MTNC-TOT	ADVAL	BLDG	LAND	PRODMAN	SALESEXP	ADVER	NTWKOP	GENLST
41	20C	0.000000	0.091835	0.031423	0.017548	0.060635	0.000000	0.000000	0.020010	0.017259	0.000000	0.158029	0.177159
42	110C	0.029147	0.069536	0.023793	0.017548	0.060635	0.000000	0.000000	0.020010	0.017259	0.000000	0.158029	0.177159
43	57C	0.147673	0.043293	0.014814	0.020989	0.060635	0.101838	0.003846	0.020010	0.017259	0.000000	0.158029	0.177159
44	257C	0.107916	0.043629	0.014928	0.008443	0.060635	0.101838	0.003846	0.020010	0.017259	0.000000	0.158029	0.177159
45	357C	0.107916	0.043629	0.014928	0.014330	0.060635	0.101838	0.003846	0.020010	0.017259	0.000000	0.158029	0.177159
46	858C	0.125000	0.049655	0.016990	0.019607	0.060635	0.000000	0.000000	0.020010	0.017259	0.000000	0.158029	0.177159
47	1C	0.058250	0.060211	0.020602	0.011693	0.060635	0.000000	0.000000	0.020010	0.017259	0.000000	0.158029	0.177159
48	52C	0.078301	0.058296	0.019947	0.044233	0.060635	0.000000	0.000000	0.020010	0.017259	0.000000	0.158029	0.177159
49	42C	0.078301	0.058296	0.019947	0.044233	0.060635	0.000000	0.000000	0.020010	0.017259	0.000000	0.158029	0.177159
50	5C	0.072442	0.056232	0.019241	0.020190	0.060635	0.000000	0.000000	0.020010	0.017259	0.000000	0.158029	0.177159
51	35C	0.057284	0.056351	0.019282	0.039915	0.060635	0.000000	0.000000	0.020010	0.017259	0.000000	0.158029	0.177159
52	62C	0.061588	0.058053	0.019864	0.132819	0.060635	0.000000	0.000000	0.020010	0.017259	0.000000	0.158029	0.177159
53	45C	0.057284	0.056351	0.019282	0.039915	0.060635	0.000000	0.000000	0.020010	0.017259	0.000000	0.158029	0.177159
54	4C	0.024584	0.061395	0.021007	0.002551	0.060635	0.000000	0.000000	0.020010	0.017259	0.000000	0.158029	0.177159
55	3C	0.125000	0.075699	0.025902	0.037982	0.060635	0.000000	0.000000	0.020010	0.017259	0.000000	0.158029	0.177159

	Q	R	S	T	U	V	W	X	Y	Z	AA	AB	AC
34													
35													
36													
37													
38													
39													
40	UNCOLL	ACCNT	HREXP	INTAN	EXEC	PLAN	EXTERN	INFOR	LEGAL	PROCR	RDEXP	GENL	BC
41	0.035450	0.006436	0.004883	0.000000	0.001952	0.000333	0.011110	0.082203	0.006338	0.001829	0.000044	0.017730	0.010570
42	0.035450	0.006436	0.004883	0.000000	0.001952	0.000333	0.011110	0.082203	0.006338	0.001829	0.000044	0.017730	0.010570
43	0.035450	0.006436	0.004883	0.000000	0.001952	0.000333	0.011110	0.082203	0.006338	0.001829	0.000044	0.017730	0.010570
44	0.035450	0.006436	0.004883	0.000000	0.001952	0.000333	0.011110	0.082203	0.006338	0.001829	0.000044	0.017730	0.010570
45	0.035450	0.006436	0.004883	0.000000	0.001952	0.000333	0.011110	0.082203	0.006338	0.001829	0.000044	0.017730	0.010570
46	0.035450	0.006436	0.004883	0.000000	0.001952	0.000333	0.011110	0.082203	0.006338	0.001829	0.000044	0.017730	0.010570
47	0.035450	0.006436	0.004883	0.000000	0.001952	0.000333	0.011110	0.082203	0.006338	0.001829	0.000044	0.017730	0.010570
48	0.035450	0.006436	0.004883	0.000000	0.001952	0.000333	0.011110	0.082203	0.006338	0.001829	0.000044	0.017730	0.010570
49	0.035450	0.006436	0.004883	0.000000	0.001952	0.000333	0.011110	0.082203	0.006338	0.001829	0.000044	0.017730	0.010570
50	0.035450	0.006436	0.004883	0.000000	0.001952	0.000333	0.011110	0.082203	0.006338	0.001829	0.000044	0.017730	0.010570
51	0.035450	0.006436	0.004883	0.000000	0.001952	0.000333	0.011110	0.082203	0.006338	0.001829	0.000044	0.017730	0.010570
52	0.035450	0.006436	0.004883	0.000000	0.001952	0.000333	0.011110	0.082203	0.006338	0.001829	0.000044	0.017730	0.010570
53	0.035450	0.006436	0.004883	0.000000	0.001952	0.000333	0.011110	0.082203	0.006338	0.001829	0.000044	0.017730	0.010570
54	0.035450	0.006436	0.004883	0.000000	0.001952	0.000333	0.011110	0.082203	0.006338	0.001829	0.000044	0.017730	0.010570
55	0.035450	0.006436	0.004883	0.000000	0.001952	0.000333	0.011110	0.082203	0.006338	0.001829	0.000044	0.017730	0.010570

Channel Plug Investments from the Investment CALC for Low Side Channel Performance Tab.

Channel Performance	INVESTMENT	Weighting			TIF & SPARE & FILL	TOTAL INVESTMENT	
NC Code							
LOOP START - LO/LS	\$334.28	60.74%		\$203.04			
GROUND START	\$334.28	3.54%		\$11.84			
NO SIGNALLING	\$373.24	35.72%		\$133.31			
DS0 Low Side Channelization				\$348.20	1.5087	\$525.31	257C

Channel Plug Investments from the Investment CALC for Low Side Channel Performance, MUX Tab.

	INVESTMENT	Weighting			TIF & SPARE FACTOR	TOTAL INVESTMENT	
Channel Performance With Multiplexing							
NC Code							
LOOP START - LO/LS	\$166.14	60.65%		\$100.77			
GROUND START	\$166.14	3.54%		\$5.88			
REVERSE BATTERY & PBX	\$177.14	0.14%		\$0.25			
NO SIGNALLING	\$257.21	35.67%		\$91.74			
DS1/DS0 MUX, Low Side Channelization				\$198.63	1.5087	\$299.67	257C

DESCRIPTION	NC CODE	NCI CODE End-User NI & CLEC NI	Location	DESCRIPTION OF PLUG	PRICE	QTY	Invest		Average Invest	% Metallic & Pair Gain		Weighted Invest	Acc
LOOP START - LO/LS													
Metallic													
DSO/VOICE	LC	02LS2	CO	2W FXS/DPO	\$82.00	1							
		04LO2	CO	4W FXO	\$123.50	1	\$205.50	\$102.75					257C
DSO/VOICE	LC	02LS2	CO	2W FXS/DPO	\$82.00	1							
		02LO2	CO	2W FXO	\$84.81	1	\$166.81	\$83.41	\$186.16	60.02%	\$111.73		257C
LOOP START - LO/LS													
DLC													
			CO	DCS									257C
				DLC	39.98%								257C
					\$120.62	2	\$241.24	\$241.24	\$241.24				
DSO/VOICE	LC	02LS2	Rem Term	SLCUECNC	\$157.90	1							
				Basic Plug Credit	(\$63.00)								
		04LO2	CO	SLCULFE2	\$325.50	1	\$420.40	\$210.20					257C
DSO/VOICE	LC	02LS2	Rem Term	SLCUECNC	\$157.90	1							
				Basic Plug Credit	(\$63.00)								
		02LO2	CO	SLCUDCU2	\$115.55	1	\$210.45	\$105.23	\$315.43				
									\$556.67	39.98%	\$222.55		257C
												\$334.28	257C

GROUND START

DSO/VOICE	LD	02GS2	CO	2W FXS/DPO	\$82.00	1							
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		04G02	CO	4W FXO	\$123.50	1	\$205.50	\$102.75					257C
DSO/VOICE	LD	02GS2	CO	2W FXS/DPO	\$82.00	1							
		02G02	CO	2W FXO	\$84.81	1	\$166.81	\$83.41	\$186.16	60.02%	\$111.73		257C
GROUND START													
		DLC		DLC			39.98%						257C
			CO	DCS	\$120.62	2	\$241.24	\$241.24	\$241.24				
DSO/VOICE	LD	02GS2	Rem Term	SLCUECNC	\$157.90	1							
				Basic Plug Credit	(\$63.00)								
		04G02	CO	SLCULFE2	\$325.50	1	\$420.40	\$210.20					257C
DSO/VOICE	LD	02GS2	Rem Term	SLCUECNC	\$157.90	1							
				Basic Plug Credit	(\$63.00)								
		02G02	CO	SLCUDCU2	\$115.55	1	\$210.45	\$105.23	<u>\$315.43</u>				257C
								<u>\$556.67</u>		39.98%	\$222.55		257C
												\$334.28	257C

NO SIGNALLING

DSO/VOICE	LH	02NO2	CO	2W TO	\$112.86	1							
		04NO2	CO	4W TO	\$82.34	1	\$195.20	\$64.42					257C

DSO/VOICE	LH	02NO2	CO	2W TO	\$112.86	1								
		02NO2	CO	2W TO	\$112.86	1	\$225.72	\$74.49						257C
DSO/VOICE	LH	04NO2	CO	4W TO	\$82.34	1								
		04NO2	CO	4W TO	\$82.34	1	\$164.68	\$54.34	\$193.25	60.02%	\$115.99			257C
NO SIGNALLING														
				DLC	39.98%									
		DLC	CO	DCS	\$120.62	2	\$241.24	\$241.24	\$241.24					257C
DSO/VOICE	LH	02NO2	Rem Term	SLCUECNC	\$157.90	1								
				Basic Plug Credit	(\$63.00)									
		04NO2	CO	SLCULFE2	\$325.50	1	\$420.40	\$138.73						
DSO/VOICE	LH	02NO2	Rem Term	SLCUECNC	\$157.90	1								
				Basic Plug Credit	(\$63.00)									
		02NO2	CO	SLCUDCU2	\$115.55	1	\$210.45	\$69.45						257C
DSO/VOICE	LH	04NO2	Rem Term	SLCULFE2	\$325.50	1								
				Basic Plug Credit	(\$63.00)									
		04NO2	CO	SLCULFE2	\$325.50	1	\$588.00	\$194.04	\$402.22					
									\$643.46	39.98%	\$257.25	\$373.24	257C	

Channel Performance	INVESTMENT	Weighting			TIF & SPARE & FILL	TOTAL INVEST.	
NC Code							
LOOP START - LO/LS	\$334.28	60.74%		\$203.04			

GROUND START	\$334.28	3.54%	\$11.84		
NO SIGNALLING	\$373.24	35.72%	\$133.31		
DS0 Low Side Channelization			\$348.20	1.5087	\$525.31
					257C

The plugs and prices of the plugs are from engineering, May of 2002 and are at a 2002 level.

The quantities by USOC are from the CDW by CLS and USOC for CRIS billed circuits.

The quantities for CRIS billed circuits are from the April 2002 actuals out the Billed Revenue file.

Low Side Channel Performance			
NC Code	USOC	QTY	
LO	PJWCX	6771	10.14%
LS	PJWHX	33790	50.60%
GS	PCWJX	2366	3.54%
NO SIGNAL	PCWEX	23852	35.72%
		66779	100.00%

- CLS = Class Of Service
- CLEI = Common Language Equipment Identifier
- CRIS = Customer Record Information System
- REM TERM = Remote Terminal
- CO = Central Office
- TIF = Total Investment Factor
- NI = Network Interface
- NCI Code = Network Channel Interface Code
- NC Code = Network Channel Code
- USOC = Universal Service Order Code
- DLC = Digital Loop Carrier (Pair Gain)
- CDW = Corporate Data Warehouse

257C		Maintenance	TIF & SPARE
Plug-Ins	TIF	Spare	FACTOR
Without Warehouse	1.3578	0.90	1.5087

WA

TIF from the Electronic Data Base, Vintage 00V1, 6/01.

	257C	Plug-Ins without Warehouse, Transportation only
AZ	0.0000	
CO	0.0000	
IA	0.0000	
ID	0.0000	
MN	0.0000	
MT	0.0000	
ND	0.0000	
NE	0.0000	
NM	0.0000	
OR	0.0000	
SD	0.0000	

QW	0.0000
UT	0.0000
WA	1.3578
WY	0.0000

DESCRIPTION	NC CODE	NCI CODE End-User NI & CLEC NI	Location	DESCRIPTION OF PLUG	PRICE	QTY	Invest	% Metallic & Pr.Gain		Weighted Invest	Acc
LOOP START - LO/LS Metallic with Multiplexing											
DSO/VOICE	LC	02LS2	CO	2W FXS/DPO	\$82.00	1	\$82.00	60.02%	\$49.22		257C
GROUND START DLC with multiplexing											
			CO/MUX	DLC 2W FXS/DPO	39.98% \$82.00	1	\$82.00				257C
DSO/VOICE	LC	02LS2	Rem Term	SLCUECNC	\$157.90	1					
				Basic Plug Credit	(\$63.00)						
			CO	SLCUDCU2	\$115.55	1	<u>\$210.45</u>				
							\$292.45	39.98%	\$116.92		257C
										\$166.14	257C
GROUND START Metallic with Multiplexing											
DSO/VOICE	LD	02GS2	CO	2W FXS/DPO	\$82.00	1	\$82.00	60.02%	\$49.22		257C
GROUND START DLC with multiplexing											
			CO/MUX	DLC 2W FXS/DPO	39.98% \$82.00	1	\$82.00				257C
DSO/VOICE	LD	02GS2	Rem Term	SLCUECNC	\$157.90	1					
				Basic Plug Credit	(\$63.00)						
			CO	SLCUDCU2	\$115.55	1	<u>\$210.45</u>				
							\$292.45	39.98%	\$116.92		257C
										\$166.14	257C
REVERSE BATTERY & PBX Metallic with Multiplexing											

DSO/VOICE	LD	02RV2.T	CO	2W FXO/DPT GNTR	\$93.00	1	\$93.00		60.02%	\$55.82	257C
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				DLC	39.98%						
REVERSE BATTERY & PBX											
DLC with multiplexing			CO/MUX	2W FXO/DPT GNTR	\$93.00	1	\$93.00				257C

DSO/VOICE	LD	02RV2.T	Rem Term	SLCUECNC	\$157.90	1					
				Basic Plug Credit	(\$63.00)						
			CO	SLCUDCU2	\$115.55	1	\$210.45				
							\$303.45		39.98%	\$121.32	\$177.14

NO SIGNALLING
Metallic with Multiplexing

DSO/VOICE	LH	02NO2	CO	2W TO	\$112.86	1	\$112.86	\$56.43			257C
DSO/VOICE	LH	04NO2	CO	4W TO	\$82.34	1	\$82.34	\$41.17	\$97.60	60.02%	\$58.58

				DLC	39.98%						
				CO/MUX							257C
				2W TO	\$112.86	1	\$112.86	\$56.43			
				4W TO	\$82.34	1	\$82.34	\$41.17	\$97.60		

DSO/VOICE	LH	02NO2	Rem Term	SLCUECNC	\$157.90	1					
				Basic Plug Credit	(\$63.00)						
		02NO2	CO	SLCUDCU2	\$115.55	1	\$210.45	\$105.23			

DSO/VOICE	LH	04NO2	Rem Term	SLCULFE2	\$325.50	1					
				Basic Plug Credit	(\$63.00)						
		04NO2	CO	SLCULFE2	\$325.50	1	\$588.00	\$294.00	\$399.23		
								496.825	39.98%	\$198.63	\$257.21

					TIF & SPARE	TOTAL	
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Channel Performance	INVESTMENT	Weighting			& FILL	INVEST.	
With Multiplexing							
NC Code							
LOOP START - LO/LS	\$166.14	60.65%	\$100.77				
GROUND START	\$166.14	3.54%	\$5.88				
REVERSE BATTERY & PBX	\$177.14	0.14%	\$0.25				
NO SIGNALLING	\$257.21	35.67%	\$91.74				
DS1/DS0 MUX, Low Side Channelization			\$198.63		1.5087	\$299.67	257C

MULTIPLEXING			
NC Code	USOC	QTY	
LO	PJWCX	6771	10.13%
LS	PJWHX	33790	50.53%
GS	PCWJX	2366	3.54%
RB	PCW1X	93	0.14%
NO SIGNAL	PCWEX	23852	35.67%
		66872	100.00%

257C		Maintenance	TIF & SPARE
Plug-Ins	TIF	Spare	FACTOR
Without Warehouse	1.3578	0.90	1.5087

TIF from the Electronic Data Base, Vintage 00V1, 6/01.

- CLS = Class Of Service
- CLEI = Common Language Equipment Identifier
- CRIS = Customer Record Information System
- REM TERM = Remote Terminal
- CO = Central Office
- TIF = Total Investment Factor
- NI = Network Interface
- NCI Code = Network Channel Interface Code
- NC Code = Network Channel Code
- USOC = Universal Service Order Code
- DLC = Digital Loop Carrier (Pair Gain)
- CDW = Corporate Data Warehouse

PLUGS AND PRICES FROM ENGINEERING

The plugs and prices of the plugs are from engineering, May of 2002 and are at a 2002 level.

	NC CODE	NCI CODE End-User NI	NCI CODE CLEC NI	CLEI	VENDOR	DESCRIPTION OF PLUG	PRICE	QUANTITY	WEIGHTING	ACCOUNT
LOOP START - LO/LS										
a. DSO/VOICE	LC	02LS2		D4F1GWS	XEL	2W FXS/DPO	\$82.00	1		357C
			04LO2	D4F1HP0	XEL	4W FXO	\$133.00	1	\$66.50	357C
			04LO2	D4CXG337AA	PULSECOM	4W FXO	\$114.00	1	\$57.00	357C
									<u>\$123.50</u>	
b. DSO/VOICE	LC	02LS2		D4F1GWS	XEL	2W FXS/DPO	\$82.00	1		357C
			02LO2	D4F1CE0CAA	PULSECOM	2W FXO	\$71.00	1	\$23.43	357C
			02LO2	D4F1JR0	XEL	2W FXO/DPT GNTR	\$112.00	1	\$36.96	357C
			02LO2	D4F1HP0	XEL	2W FXO/DPT GNTR	\$74.00	1	\$24.42	357C
									<u>\$84.81</u>	
c. DSO/VOICE	LC	02LS2		D4F1GWS	XEL	2W FXS/DPO	\$82.00	1		357C
GROUND START										
d. DSO/VOICE	LD	02GS2		D4F1GWS	XEL	2W FXS/DPO	\$82.00	1		357C
			04GO2	D4F1HP0	XEL	4W FXO	\$133.00	1	\$66.50	357C
			04GO2	D4CXG337AA	PULSECOM	4W FXO	\$114.00	1	\$57.00	357C
									<u>\$123.50</u>	
e. DSO/VOICE	LD	02GS2		D4F1GWS	XEL	2W FXS/DPO	\$82.00	1		357C
			02GO2	D4F1CE0CAA	PULSECOM	2W FXO	\$71.00	1	\$23.43	357C
			02GO2	D4F1JR0	XEL	2W FXO/DPT GNTR	\$112.00	1	\$36.96	357C
			02GO2	D4F1HP0	XEL	2W FXO/DPT GNTR	\$74.00	1	\$24.42	357C
									<u>\$84.81</u>	
f. DSO/VOICE	LD	02GS2		D4F1GWS	XEL	2W FXS/DPO	\$82.00	1		357C
g. DSO/VOICE		02RV2.T		D4F1JR0	XEL	2W FXO/DPT GNTR	\$112.00	1	\$56.00	357C
		02RV2.T		D4F1HP0	XEL	2W FXO/DPT GNTR	\$74.00	1	\$37.00	357C
									<u>\$93.00</u>	

h. DSO/VOICE	LH	02NO2	D4CTN8F	XEL	2W ETO	\$140.00	1	\$46.20	357C
		02NO2	D4CTDDL9AB	PULSECOM	2W TO	\$79.00	1	\$26.07	357C
		02NO2	D4CTSB09AB	PULSECOM	2W TO/GT	\$123.00	1	\$40.59	357C
								<u>\$112.86</u>	
		04NO2	D4C0S44	XEL	4W TO	\$85.50	1	\$28.22	357C
		04NO2	D4CTHPL9AA	PULSECOM	4W ETO	\$93.00	1	\$30.69	357C
		04NO2	D4COP775AA	PULSECOM	4W TO	\$71.00	1	\$23.43	357C
								<u>\$82.34</u>	
j. DSO/VOICE	LH	02NO2	D4CTN8F	XEL	2W ETO	\$140.00	1	\$46.20	357C
		02NO2	D4CTDDL9AB	PULSECOM	2W TO	\$79.00	1	\$26.07	357C
		02NO2	D4CTSB09AB	PULSECOM	2W TO/GT	\$123.00	1	\$40.59	357C
								<u>\$112.86</u>	
		02NO2	D4CTN8F	XEL	2W ETO	\$140.00	1	\$46.20	357C
		02NO2	D4CTDDL9AB	PULSECOM	2W TO	\$79.00	1	\$26.07	357C
		02NO2	D4CTSB09AB	PULSECOM	2W TO/GT	\$123.00	1	\$40.59	357C
								<u>\$112.86</u>	
i. DSO/VOICE	LH	04NO2	D4C0S44	XEL	4W TO	\$85.50	1	\$28.22	357C
		04NO2	D4CTHPL9AA	PULSECOM	4W ETO	\$93.00	1	\$30.69	357C
		04NO2	D4COP775AA	PULSECOM	4W TO	\$71.00	1	\$23.43	357C
								<u>\$82.34</u>	
		04NO2	D4C0S44	XEL	4W TO	\$85.50	1	\$28.22	357C
		04NO2	D4CTHPL9AA	PULSECOM	4W ETO	\$93.00	1	\$30.69	357C
		04NO2	D4COP775AA	PULSECOM	4W TO	\$71.00	1	\$23.43	357C
								<u>\$82.34</u>	
k. DSO/VOICE	LH	02NO2	D4F1GWS	XEL	2W FXS/DPO	\$82.00	1	\$27.06	357C
		02NO2	D4CTDDL9AB	PULSECOM	2W TO	\$79.00	1	\$26.07	357C
		02NO2	D4CTSB09AB	PULSECOM	2W TO/GT	\$123.00	1	\$40.59	357C
								<u>\$93.72</u>	

I. DSO/VOICE	LH	04NO2	D4F1GWS	XEL	2W FXS/DPO	\$82.00	1	\$27.06	357C
		04NO2	D4CTHPL9AA	PULSECOM	4W ETO	\$93.00	1	\$30.69	357C
		04NO2	D4COP775AA	PULSECOM	4W TO	\$71.00	1	\$23.43	357C
								<u>\$81.18</u>	
Used in Back to Back D4 or D4 to SLC			D4IMRA0BAA	PULSECO	TANDEM	\$132.00		\$66.00	357C
Used in Back to Back D4 or D4 to SLC			D4CEP155AA	PULSECO	4W TANDEM	\$86.00		\$43.00	357C
								<u>\$109.00</u>	
Basic Plug Credit						\$63.00			357C
DCS						\$120.62			357C
LSDEMUX						\$140.37			357C
SLCUDCU2			COE			\$115.55			357C
SLCUECNC			REMOTE TE			\$157.90			
SLCULFE2			4W BOTH ENDS			\$325.50			

FILE: DW3.XLS & DW3b.XLS FOR DAVE WORKMAN 05/07/02 RB PCW1X 93
SOURCE: RJ26, CDW BPRRD10V, ANN HIERONYMUS LA PCWAX 2355
CRIS-BILLED QUANTITIES OF SELECTED CLS AND USOCS LB PCWBX 6882
(ALL CLS, EXCLUDING 1FB AND 1FR) LC PCWCX 30097
NO S PCWEX 23852

YEARMO	ST	USOC	CLS	REV	TYP	QTY	LS	PJWHX	
200004	MN	PCW1X	PYC2N	R		23	C S R	PCWHX	414
200004	MN	PCW1X	PYC3N	R		42	GS	PCWJX	2366
200004	MN	PCW1X	RCCML	R		1	E & M	PCWKX	5090
200004	ND	PCW1X	PYC3N	R		12	LO	PJWCX	6771
200004	NE	PCW1X	PYC3N	R		10			111710
200004	SD	PCW1X	PYC3N	R		5			
200004	AZ	PCWAX	125	R		9		PCW1X	93
200004	AZ	PCWAX	C21XX	R		33			
200004	AZ	PCWAX	DQKXX	R		130			
200004	AZ	PCWAX	FFNJX	R		1	MULTIPLEXING		
200004	AZ	PCWAX	FFNUX	R		9	LO	PJWCX	6771 10.13%
200004	AZ	PCWAX	PYC2N	R		116	LS	PJWHX	33790 50.53%
200004	AZ	PCWAX	XBHXX	R		2	GS	PCWJX	2366 3.54%
200004	AZ	PCWAX	XFBXX	R		145	RB	PCW1X	93 0.14%
200004	AZ	PCWAX	XLBXX	R		14	NO S	PCWEX	23852 35.67%
200004	AZ	PCWAX	XMBXX	R		2			66872 100.00%
200004	IA	PCWAX	PYC2N	R		91			
200004	IA	PCWAX	PYCDL	R		1	Low Side Channel Performance		
200004	ID	PCWAX	C21XX	R		14	LO	PJWCX	6771 10.14%
200004	ID	PCWAX	FFN2X	R		4	LS	PJWHX	33790 50.60%
200004	ID	PCWAX	GFFUA	R		2	GS	PCWJX	2366 3.54%
200004	ID	PCWAX	PYC2N	R		3	NO S	PCWEX	23852 35.72%
200004	ID	PCWAX	XBHXX	R		3			66779 100.00%
200004	ID	PCWAX	XFBXX	R		4			
200004	IP	PCWAX	1FL	R		1			
200004	IP	PCWAX	COPXX	R		26			
200004	MH	PCWAX	COPXX	R		11			
200004	MN	PCWAX	PYC2N	R		360			
200004	MN	PCWAX	PYCDL	R		1			
200004	MN	PCWAX	PYCDS	R		1			
200004	MT	PCWAX	DQKXX	R		4			
200004	MT	PCWAX	FFNUX	R		8			
200004	MT	PCWAX	GFFJC	R		2			
200004	MT	PCWAX	PYC2N	R		8			
200004	MT	PCWAX	XBHXX	R		30			
200004	ND	PCWAX	PYC2N	R		100			
200004	NE	PCWAX	PYC2N	R		37			
200004	OR	PCWAX	1FL	R		3			
200004	OR	PCWAX	C21XX	R		21			
200004	OR	PCWAX	COPXX	R		161			
200004	OR	PCWAX	DQKXX	R		24			
200004	OR	PCWAX	EF9	R		2			
200004	OR	PCWAX	FFN2X	R		31			
200004	OR	PCWAX	FFNDX	R		17			
200004	OR	PCWAX	FFNJX	R		8			
200004	OR	PCWAX	FFNUX	R		11			
200004	OR	PCWAX	JBG	R		8			
200004	OR	PCWAX	JBH	R		1			

200004 OR	PCWAX	PYC2N	R	33		
200004 SD	PCWAX	PYC2N	R	58		
200004 SD	PCWAX	XZV29	R	10		
200004 UT	PCWAX	C21XX	R	2		
200004 UT	PCWAX	DQKXX	R	8		
200004 UT	PCWAX	FFB1E	R	5		
200004 UT	PCWAX	PYC2N	R	15		
200004 UT	PCWAX	XBHXX	R	32		
200004 UT	PCWAX	XFBXX	R	9		
200004 WA	PCWAX	C21XX	R	95		
200004 WA	PCWAX	COPXX	R	267		
200004 WA	PCWAX	DQKXX	R	47		
200004 WA	PCWAX	FFN2X	R	30		
200004 WA	PCWAX	FFNJX	R	3		
200004 WA	PCWAX	FFNUX	R	22		
200004 WA	PCWAX	FNX	R	2		
200004 WA	PCWAX	FXRXX	R	1		
200004 WA	PCWAX	HFB	R	2		
200004 WA	PCWAX	JBG	R	28		
200004 WA	PCWAX	JBM	R	2		
200004 WA	PCWAX	LMB	R	3		
200004 WA	PCWAX	PYC2N	R	113		
200004 WA	PCWAX	SFO	R	2		
200004 WA	PCWAX	XLAYX	R	1		
200004 WY	PCWAX	C21XX	R	14		
200004 WY	PCWAX	FFBVF	R	2		
200004 WY	PCWAX	GFFUA	R	2		
200004 WY	PCWAX	GFFUC	R	40		
200004 WY	PCWAX	PYC2N	R	32		
200004 WY	PCWAX	XBHXX	R	15		
200004 WY	PCWAX	XFFXX	R	1	PCWAX	2355
200004 AZ	PCWBX	125	R	1		
200004 AZ	PCWBX	C21XX	R	48		
200004 AZ	PCWBX	DQ6XX	R	4		
200004 AZ	PCWBX	DQKXX	R	216		
200004 AZ	PCWBX	EZB2X	R	1		
200004 AZ	PCWBX	FFN2X	R	3		
200004 AZ	PCWBX	FFNUX	R	1		
200004 AZ	PCWBX	PYC2N	R	135		
200004 AZ	PCWBX	XBHXX	R	5		
200004 AZ	PCWBX	XFBXX	R	521		
200004 AZ	PCWBX	XMBXX	R	12		
200004 IA	PCWBX	PYC2N	R	149		
200004 IA	PCWBX	PYCDL	R	5		
200004 IA	PCWBX	PYCDS	R	1		
200004 ID	PCWBX	8NA	R	47		
200004 ID	PCWBX	C21XX	R	2		
200004 ID	PCWBX	DQ6XX	R	53		
200004 ID	PCWBX	DQKXX	R	56		
200004 ID	PCWBX	F3FDD	R	6		
200004 ID	PCWBX	FFB1H	R	14		
200004 ID	PCWBX	FFBHM	R	4		
200004 ID	PCWBX	FFBVD	R	12		
200004 ID	PCWBX	FFNYX	R	4		

200004	ID	PCWBX	FYB1M	R	2
200004	ID	PCWBX	GFFUA	R	4
200004	ID	PCWBX	PYC2N	R	35
200004	ID	PCWBX	PYC6N	R	4
200004	ID	PCWBX	XBHXX	R	128
200004	ID	PCWBX	XFBXX	R	71
200004	ID	PCWBX	XFFXX	R	8
200004	ID	PCWBX	XFMXX	R	2
200004	ID	PCWBX	XMHXX	R	2
200004	MN	PCWBX	PYC2N	R	1209
200004	MN	PCWBX	PYCDL	R	1
200004	MN	PCWBX	XZV29	R	3
200004	MT	PCWBX	8NA	R	4
200004	MT	PCWBX	C21XX	R	4
200004	MT	PCWBX	DQKXX	R	50
200004	MT	PCWBX	FFB1J	R	17
200004	MT	PCWBX	FFBVF	R	2
200004	MT	PCWBX	FYB1K	R	2
200004	MT	PCWBX	GFFSC	R	8
200004	MT	PCWBX	GFFSE	R	6
200004	MT	PCWBX	GMSXX	R	2
200004	MT	PCWBX	PYC2N	R	110
200004	MT	PCWBX	XBHXX	R	45
200004	MT	PCWBX	XFBXX	R	28
200004	MT	PCWBX	XMHXX	R	2
200004	ND	PCWBX	PYC2N	R	152
200004	ND	PCWBX	PYCDL	R	2
200004	NE	PCWBX	PYC2N	R	219
200004	OR	PCWBX	1FL	R	13
200004	OR	PCWBX	C21XX	R	49
200004	OR	PCWBX	COPXX	R	598
200004	OR	PCWBX	DQKXX	R	236
200004	OR	PCWBX	FFN2X	R	1
200004	OR	PCWBX	FFNDX	R	11
200004	OR	PCWBX	FFNJX	R	30
200004	OR	PCWBX	FFNUX	R	31
200004	OR	PCWBX	JBG	R	4
200004	OR	PCWBX	LMB	R	1
200004	OR	PCWBX	PYC2N	R	75
200004	SD	PCWBX	PYC2N	R	140
200004	SD	PCWBX	XZV29	R	1
200004	UT	PCWBX	C21XX	R	9
200004	UT	PCWBX	DQKXX	R	13
200004	UT	PCWBX	FFB6E	R	3
200004	UT	PCWBX	KFTXX	R	18
200004	UT	PCWBX	P161K	R	30
200004	UT	PCWBX	PYC2N	R	42
200004	UT	PCWBX	PYC6N	R	4
200004	UT	PCWBX	XBHXX	R	65
200004	UT	PCWBX	XFBXX	R	15
200004	WA	PCWBX	8NA	R	13
200004	WA	PCWBX	C21XX	R	81
200004	WA	PCWBX	COPXX	R	776
200004	WA	PCWBX	CYR2X	R	6

200004	WA	PCWBX	DQKXX	R	153		
200004	WA	PCWBX	FFN2X	R	6		
200004	WA	PCWBX	FFNJX	R	4		
200004	WA	PCWBX	FFNUX	R	12		
200004	WA	PCWBX	JBG	R	5		
200004	WA	PCWBX	LMB	R	7		
200004	WA	PCWBX	PYC2N	R	346		
200004	WA	PCWBX	SFO	R	2		
200004	WY	PCWBX	C21XX	R	2		
200004	WY	PCWBX	DQ6XX	R	16		
200004	WY	PCWBX	DQKXX	R	30		
200004	WY	PCWBX	FFB1G	R	4		
200004	WY	PCWBX	FFB1J	R	154		
200004	WY	PCWBX	FFB1N	R	21		
200004	WY	PCWBX	FFB1O	R	12		
200004	WY	PCWBX	FFBHN	R	34		
200004	WY	PCWBX	FFBVD	R	2		
200004	WY	PCWBX	P161G	R	14		
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200004	WY	PCWBX	XBHXX	R	174		
200004	WY	PCWBX	XFBXX	R	128		
200004	WY	PCWBX	XFHXX	R	11		
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200004	AZ	PCWCX	DQVXX	R	5		
200004	AZ	PCWCX	FFN2X	R	5		
200004	AZ	PCWCX	FFNJX	R	19		
200004	AZ	PCWCX	FFNUX	R	6		
200004	AZ	PCWCX	PYC2N	R	335		
200004	AZ	PCWCX	PYC6N	R	23		
200004	AZ	PCWCX	XBHXX	R	5		
200004	AZ	PCWCX	XFBXX	R	3254		
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200004	IA	PCWCX	PYC2N	R	1252		
200004	IA	PCWCX	PYCDL	R	8		
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200004	IP	PCWCX	PYC2N	R	6
200004	MH	PCWCX	COPXX	R	2
200004	MN	PCWCX	FFBVF	R	5
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200004	MN	PCWCX	PYC2N	R	4323
200004	MN	PCWCX	PYCDL	R	96
200004	MN	PCWCX	PYCDS	R	1
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200004	MT	PCWCX	C21XX	R	12
200004	MT	PCWCX	DQKXX	R	39
200004	MT	PCWCX	FFB1J	R	6
200004	MT	PCWCX	FFBVX	R	2
200004	MT	PCWCX	GFFUC	R	2
200004	MT	PCWCX	J2AXX	R	4
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200004	MT	PCWCX	XBHXX	R	94
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200004	MT	PCWCX	XMHXX	R	34
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200004	OR	PCWCX	COQXX	R	6
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200004	UT	PCWCX	DQKXX	R	261
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200004	UT	PCWCX	FFNJX	R	1
200004	UT	PCWCX	GFFJE	R	6

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200004 UT	PCWCX	XBHXX	R	1200		
200004 UT	PCWCX	XFBXX	R	268		
200004 UT	PCWCX	XFFXX	R	1		
200004 UT	PCWCX	XFHXX	R	3		
200004 UT	PCWCX	XFMXX	R	52		
200004 WA	PCWCX	C21XX	R	187		
200004 WA	PCWCX	COPXX	R	3825		
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200004 WA	PCWCX	FFNUX	R	51		
200004 WA	PCWCX	FXRXX	R	16		
200004 WA	PCWCX	JBG	R	48		
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200004 WY	PCWCX	FFBVG	R	18		
200004 WY	PCWCX	FFBWX	R	13		
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200004 WY	PCWCX	XFHXX	R	10		
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200004 AZ	PCWEX	FFNUX	R	13		
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200004 AZ	PCWEX	PYC3N	R	38		
200004 AZ	PCWEX	PYC6N	R	16		
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200004	IA	PCWEX	PYC6N	R	165
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200004	MN	PCWEX	PYC6N	R	731
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200004	MN	PCWEX	XZV29	R	70
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200004	MN	PCWEX	XZVA9	R	2
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200004	ND	PCWEX	PYKGN	R	7
200004	ND	PCWEX	XDV2X	R	2
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200004	UT	PCWEX	XBHXX	R	16		
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200004	WY	PCWEX	PYC6N	R	6		
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200004	AZ	PCWHX	PYC2N	R	74		
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200004 WA	PCWHX	FFN2X	R	3		
200004 WA	PCWHX	PYC2N	R	23		
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200004 IA	PCWJX	PYC9N	R	3		
200004 MN	PCWJX	FXPTL	R	1		
200004 MN	PCWJX	FXPTS	R	73		
200004 MN	PCWJX	PYC3N	R	4		
200004 ND	PCWJX	FXPTS	R	2		
200004 OR	PCWJX	COPXX	R	1912		
200004 OR	PCWJX	DQKXX	R	224		
200004 OR	PCWJX	PYC2N	R	28		
200004 OR	PCWJX	PYC3N	R	76		
200004 OR	PCWJX	XZV39	R	4		
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200004 AZ	PCWKX	DQKXX	R	77		
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200004 AZ	PCWKX	FFNJX	R	12		
200004 AZ	PCWKX	FFNUX	R	23		
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200004 UT	PCWKX	UEE	R	4		
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200004 UT	PCWKX	XFBXX	R	40		
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200004 WA	PCWKX	COPXX	R	111		
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200004 WA	PCWKX	FFNUX	R	16		
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200004 WY	PCWKX	FFB1G	R	4		
200004 WY	PCWKX	FFB1O	R	6		
200004 WY	PCWKX	PYC3N	R	28		
200004 WY	PCWKX	XBHXX	R	46		
200004 WY	PCWKX	XFBXX	R	16	PCWKX	5090
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200004 AZ	PJWCX	FFN2X	R	256		
200004 AZ	PJWCX	FFNJX	R	264		
200004 AZ	PJWCX	FFNUX	R	2518		
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200004	NE	PJWCX	PYC2N	R	28		
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200004	OR	PJWCX	FFNUX	R	548		
200004	OR	PJWCX	PYC2N	R	63		
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200004	UT	PJWCX	DQKXX	R	4		
200004	UT	PJWCX	FFN2X	R	144		
200004	UT	PJWCX	FFNJX	R	336		
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200004	UT	PJWCX	XBHXX	R	25		
200004	UT	PJWCX	XFBXX	R	3		
200004	WA	PJWCX	C21XX	R	10		
200004	WA	PJWCX	FFN2X	R	33		
200004	WA	PJWCX	FFNJX	R	171		
200004	WA	PJWCX	FFNUX	R	3		
200004	WA	PJWCX	PYC2N	R	368		
200004	WY	PJWCX	FFB1N	R	1		
200004	WY	PJWCX	PYC2N	R	4	PJWCX	6771
200004	AZ	PJWHX	125	R	10		
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200004	AZ	PJWHX	8NA	R	22		
200004	AZ	PJWHX	C21XX	R	220		
200004	AZ	PJWHX	DQ6XX	R	16		
200004	AZ	PJWHX	DQKXX	R	1408		
200004	AZ	PJWHX	DQVXX	R	5		
200004	AZ	PJWHX	EZB2X	R	623		
200004	AZ	PJWHX	FFN2X	R	268		
200004	AZ	PJWHX	FFNJX	R	273		
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200004	AZ	PJWHX	PYC2N	R	454		
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200004	AZ	PJWHX	XBHXX	R	12		
200004	AZ	PJWHX	XFBXX	R	3902		
200004	AZ	PJWHX	XLBXX	R	14		
200004	AZ	PJWHX	XMBXX	R	14		
200004	IA	PJWHX	PYC2N	R	303		
200004	ID	PJWHX	C21XX	R	2		
200004	ID	PJWHX	DQ6XX	R	7		
200004	ID	PJWHX	DQKXX	R	28		
200004	ID	PJWHX	FFN2X	R	5		
200004	ID	PJWHX	FFNJX	R	1		
200004	ID	PJWHX	GFFSC	R	1		
200004	ID	PJWHX	PYC2N	R	11		
200004	ID	PJWHX	XBHXX	R	115		

200004	ID	PJWHX	XFBXX	R	17
200004	MH	PJWHX	COPXX	R	13
200004	MT	PJWHX	C21XX	R	10
200004	MT	PJWHX	DQKXX	R	4
200004	MT	PJWHX	PYC2N	R	61
200004	MT	PJWHX	XBHXX	R	7
200004	MT	PJWHX	XFBXX	R	20
200004	MT	PJWHX	XMHXX	R	1
200004	ND	PJWHX	PYC2N	R	581
200004	NE	PJWHX	PYC2N	R	810
200004	OR	PJWHX	1FL	R	30
200004	OR	PJWHX	1FMJX	R	68
200004	OR	PJWHX	8NA	R	23
200004	OR	PJWHX	C21XX	R	229
200004	OR	PJWHX	COPXX	R	4678
200004	OR	PJWHX	COQXX	R	2
200004	OR	PJWHX	DQKXX	R	1672
200004	OR	PJWHX	EF9	R	4
200004	OR	PJWHX	FFN2X	R	163
200004	OR	PJWHX	FFNDX	R	103
200004	OR	PJWHX	FFNJX	R	721
200004	OR	PJWHX	FFNUX	R	704
200004	OR	PJWHX	GRP	R	1
200004	OR	PJWHX	JBG	R	24
200004	OR	PJWHX	JBH	R	2
200004	OR	PJWHX	LMB	R	3
200004	OR	PJWHX	PYC2N	R	492
200004	OR	PJWHX	PYC3N	R	2
200004	OR	PJWHX	XZV29	R	3
200004	SD	PJWHX	PYC2N	R	1431
200004	SD	PJWHX	XFBXX	R	1
200004	SD	PJWHX	XZV29	R	9
200004	UT	PJWHX	C21XX	R	30
200004	UT	PJWHX	DQ6XX	R	136
200004	UT	PJWHX	DQKXX	R	280
200004	UT	PJWHX	FFB1E	R	6
200004	UT	PJWHX	FFB1G	R	6
200004	UT	PJWHX	FFB6E	R	3
200004	UT	PJWHX	FFBH8	R	5
200004	UT	PJWHX	FFBHU	R	2
200004	UT	PJWHX	FFBVF	R	4
200004	UT	PJWHX	FFN2X	R	142
200004	UT	PJWHX	FFNJX	R	18
200004	UT	PJWHX	GFFJE	R	6
200004	UT	PJWHX	KFTXX	R	18
200004	UT	PJWHX	PYC2N	R	123
200004	UT	PJWHX	XBHXX	R	1284
200004	UT	PJWHX	XFBXX	R	297
200004	UT	PJWHX	XFFXX	R	1
200004	UT	PJWHX	XFHXX	R	3
200004	UT	PJWHX	XFMXX	R	52
200004	WA	PJWHX	8NA	R	12
200004	WA	PJWHX	C21XX	R	373
200004	WA	PJWHX	COPXX	R	4863

200004	WA	PJWHX	COQXX	R	9		
200004	WA	PJWHX	CYR2X	R	5		
200004	WA	PJWHX	DQKXX	R	1332		
200004	WA	PJWHX	FFN2X	R	86		
200004	WA	PJWHX	FFNDX	R	2		
200004	WA	PJWHX	FFNJX	R	182		
200004	WA	PJWHX	FFNUX	R	83		
200004	WA	PJWHX	FNX	R	2		
200004	WA	PJWHX	FXRXX	R	17		
200004	WA	PJWHX	HFB	R	2		
200004	WA	PJWHX	JBG	R	81		
200004	WA	PJWHX	JBM	R	2		
200004	WA	PJWHX	JBV	R	1		
200004	WA	PJWHX	LMB	R	9		
200004	WA	PJWHX	PYC2N	R	1331		
200004	WA	PJWHX	SFO	R	11		
200004	WA	PJWHX	XLAYX	R	2		
200004	WA	PJWHX	XZV29	R	1		
200004	WY	PJWHX	8NA	R	40		
200004	WY	PJWHX	C21XX	R	11		
200004	WY	PJWHX	DQ6XX	R	46		
200004	WY	PJWHX	DQKXX	R	25		
200004	WY	PJWHX	FFB1J	R	7		
200004	WY	PJWHX	FFB1O	R	1		
200004	WY	PJWHX	FFBVF	R	2		
200004	WY	PJWHX	FFBW X	R	13		
200004	WY	PJWHX	PYC2N	R	45		
200004	WY	PJWHX	XBHXX	R	32		
200004	WY	PJWHX	XFBXX	R	50		
200004	WY	PJWHX	XFHXX	R	9	PJWHX	33790

TOTAL

111710

Qwest DLC % 0.3998**Unbundled Loop demultiplexing investments**State **Spread over all Unbundled Loops** 2-WIRE

	<u>Investment</u>	<u>DLC %</u>	<u>Wtd Invest</u>
MD & LG	\$146.90	0.3545	\$52.08
<u>VS & SM</u>	<u>\$576.25</u>	<u>0.0453</u>	<u>\$26.09</u>
Average		0.3998	\$78.17

Per Occurrence

	<u>Investment</u>	<u>WCG%</u>	<u>Wtd Invest</u>
MD & LG	\$146.90	0.8867	\$130.27
<u>VS & SM</u>	<u>\$576.25</u>	<u>0.1133</u>	<u>\$65.26</u>
Average		1.0000	\$195.53

Spread over all Unbundled Loops 4-WIRE

	<u>Investment</u>	<u>DLC %</u>	<u>Wtd Invest</u>
MD & LG	\$339.01	0.3545	\$120.18
<u>VS & SM</u>	<u>\$1,390.34</u>	<u>0.0453</u>	<u>\$62.95</u>
Average		0.3998	\$183.14

This is from the Loop MOD 2 group.