

G. NONRECURRING COST SUMMARY

BATCH HOT CUT NONRECURRING STUDY 8161

**Washington
2004**

Total Direct Costs and Common Costs

<i>Cost Element</i>	<i>Direct</i>	<i>Marketing</i>	<i>Support Assets Expense</i>	<i>Uncollectible</i>	<i>TELRIC</i>	<i>Common</i>	<i>TELRIC + Common</i>	<i>Detail Page Reference</i>
BATCH HOT CUT - PER LOOP INSTALL	\$22.83	\$0.69	\$4.08	\$0.70	\$28.29	\$3.11	\$31.39	Pages 1-5
BATCH HOT CUT - PER LOOP DISCONNECT	\$14.32	\$0.43	\$2.56	\$0.44	\$17.74	\$1.95	\$19.69	Pages 6-8

Direct - Direct Costs

Marketing - Marketing

Support Assets Expense - Support Assets Expense

Uncollectible - Uncollectible

TELRIC - Total Element Long Run Incremental Costs

Common - Common Costs

TELRIC + Common - Total Element Long Run Incremental Costs + Common Costs

State: Washington

Work Item A	Time Minutes B	Prob #1 C	Prob #2 D	Prob #3 E	Prob #4 F	Applied Time (Minutes) G	Labor /Hour H	Cost I
						B * (C Thru F)		H * (G/60)

BATCH HOT CUT - PER LOOP INSTALL

ADD

-SYSTEMS ENHANCEMENTS

SYSTEMS ENHANCEMENTS

\$0.63

Subtotal - SYSTEMS ENHANCEMENTS

0.00

\$0.63

-INTERCONNECT SERVICE CENTER (ISC)

Probability 1 column (.05, .5, .6, .08) probabilities are percents of time this activity will occur when manual activity is required.

Probability 2 column (.15) is percent orders that will fall out of IMA for manual handling.

preceding work item description is reference to Batch Hot Cut provisioning flow chart

#3 Review LSR for completeness and accuracy, contractual entries	1	1.000	0.150			0.15	\$42.45	\$0.11
#4 Verify Connecting Facility Assignment (CFA) for facility/circuit availability	1	0.050	0.150			0.01	\$42.45	\$0.01
#4 Exchange info, obtain CO, name, address, office type. Access Telephone Address Guide to ot	3	1.000	0.150			0.45	\$42.45	\$0.32
#4 CPPD look-up billing USOC's for co-provider	1	0.050	0.150			0.01	\$42.45	\$0.01
#4 Summary Bill List-Look up Billing Telephone Number, tax code, and bill date	2	1.000	0.150			0.30	\$42.45	\$0.21
#5 Analyze request to determine co-provider, type of order, and installation option	1	0.050	0.150			0.01	\$42.45	\$0.01
#5 Determine critical dates	1	1.000	0.150			0.15	\$42.45	\$0.11
#5 If directory advertising or retail contract or both, issue order to remove information from account	3	0.500	0.150			0.23	\$42.45	\$0.16
#5 Populate required fields	3	1.000	0.150			0.45	\$42.45	\$0.32
#6 Type, review the Firm Order Confirmation (FOC)	2	0.500	0.150			0.15	\$42.45	\$0.11
#6 Submit to customer Firm Order Confirmation (FOC)	1	1.000	0.150			0.15	\$42.45	\$0.11
#5 Input order into service order processor. Type and format order for billing and provisioning	10	1.000	0.150			1.50	\$42.45	\$1.06
#5 Ensure order is successfully distributed to the systems and is ready for provisioning	3	1.000	0.150			0.45	\$42.45	\$0.32
Handle calls from other departments working the order	5	0.500	0.150			0.38	\$42.45	\$0.27
Handle calls from CLEC with questions about errored or rejected LSR's	5	0.100	0.150			0.08	\$42.45	\$0.05
Handle issues including facility, cable&pair	5	0.080	0.150			0.06	\$42.45	\$0.04

IF SUPPLEMENT ORDER DUE TO CFA CHANGE:

Probability 1 column (.2) is percent of time no dial tone on DVA will occur.

Probability 2 column (.5) is percent of time a CFA change will occur if no dial tone on DVA

#3 Review LSR for completeness and accuracy	0.5	0.200	0.500			0.05	\$42.45	\$0.04
#4 Verify Connecting Facility Assignment (CFA) for facility/circuit availability	0.5	0.200	0.500			0.05	\$42.45	\$0.04
#6 Type, review the Firm Order Confirmation (FOC)	2	0.200	0.500			0.20	\$42.45	\$0.14
#6 Submit to customer Firm Order Confirmation (FOC)	1	0.200	0.500			0.10	\$42.45	\$0.07

State: Washington

Work Item A	Time Minutes B	Prob #1 C	Prob #2 D	Prob #3 E	Prob #4 F	Applied Time (Minutes) G	Labor /Hour H	Cost I
						B * (C Thru F)		H * (G/60)
BATCH HOT CUT - PER LOOP INSTALL (con't)								
#11 Input order into service order processor.	3	0.200	0.500			0.30	\$42.45	\$0.21
#12 Ensure order is successfully distributed to the systems and is ready for provisioning	3	0.200	0.500			0.30	\$42.45	\$0.21
#14 Handle calls from other departments working the order	2	0.200	0.500			0.20	\$42.45	\$0.14
Subtotal - INTERCONNECT SERVICE CENTER (ISC)						5.71		\$4.04
-LOOP PROVISIONING CENTER (LPC)								
<i>Probability 1 column is percent of time manual work required.</i>								
<i># preceding work item description is reference to Batch Hot Cut provisioning flow chart</i>								
#8 Clear RMA (Request for manual assistance)	11.25	0.050				0.56	\$41.82	\$0.39
Subtotal - LOOP PROVISIONING CENTER (LPC)						0.56		\$0.39
-DESIGN								
<i>Probability 1 column (.02, .01, .03, .05) is percent of time manual work required.</i>								
<i># preceding work item description is reference to Batch Hot Cut provisioning flow chart</i>								
#9 Order handling/screening	3	0.020				0.06	\$44.25	\$0.04
#9 GOC (Generic Order Control) order log	2	0.020				0.04	\$44.25	\$0.03
#9 Enter WA (Work Authorization) mask	2	0.010				0.02	\$44.25	\$0.01
#9 Prepare loop input/DRI (Design Related Information)	2	0.020				0.04	\$44.25	\$0.03
#9 Circuit design	5	0.030				0.15	\$44.25	\$0.11
#9 Distribute WORD (Work Order Record Detail) document	1	0.050				0.05	\$44.25	\$0.04
IF SUPPLEMENT ORDER DUE TO CFA CHANGE:								
<i>Probability 1 column (.2) is percent of time no dial tone on DVA will occur.</i>								
<i>Probability 2 column (.5) is percent of time a CFA change will occur if no dial tone on DVA</i>								
#9 Enter WA (Work Authorization) mask	0.25	0.200	0.500			0.03	\$44.25	\$0.02
#9 Prepare loop input/DRI (Design Related Information)	0.25	0.200	0.500			0.03	\$44.25	\$0.02
#9 Circuit design	5	0.200	0.500			0.50	\$44.25	\$0.37
#9 Distribute WORD (Work Order Record Detail) document	1	0.200	0.500			0.10	\$44.25	\$0.07
Subtotal - DESIGN						1.01		\$0.74
-CENTRAL OFFICE RESOURCE ADMINISTRATION CENTER								
<i>Probability 1 column (2) is activity occurring on prewire and due dates.</i>								
<i>Probability 1 column (.05) is percent of time this activity will occur.</i>								
<i>Probability 4 column (.04) probability is percentage based on 25 loops per batch - 1/25. Activity is per batch.</i>								
<i># preceding work item description is reference to Batch Hot Cut provisioning flow chart</i>								
#10c Verify CO tech availability to work spreadsheet on pre-wire and due date	1	2.000			0.040	0.08	\$41.82	\$0.06
#10c Create prewire, lift&lay, and disconnect spreadsheet entries	3	0.050				0.15	\$41.82	\$0.10
Subtotal - CENTRAL OFFICE RESOURCE ADMINISTRATION CENTER						0.23		\$0.16
-CENTRAL OFFICE TECHNICIAN								

State: Washington

Work Item A	Time Minutes B	Prob #1 C	Prob #2 D	Prob #3 E	Prob #4 F	Applied Time (Minutes) G	Labor /Hour H	Cost I
						B * (C Thru F)		H * (G/60)

BATCH HOT CUT - PER LOOP INSTALL (con't)

Probability 1 column is percent of time activity estimated to occur
Probability 2 column is number of techs performing task
Probability 3 column is average number of jumpers removed
Probability 4 (.04) probability is percentage based on 25 loops per batch - 1/25. Activity is per batch.
preceding work item description is reference to Batch Hot Cut provisioning flow chart

PRE-WIRE DATE WORK ACTIVITIES

#11.1 Travel to Central Office	20	0.500	2.000		0.040	0.80	\$46.78	\$0.62
#11.2 Analyze spreadsheet	12.5	1.000	1.000		0.040	0.50	\$46.78	\$0.39
#11.3 Travel to Intermediate Distribution Frame (IDF)	1.5	1.000	2.000		0.040	0.12	\$46.78	\$0.09
#11.4 Prewire at IDF	2.5	1.000	2.000			5.00	\$46.78	\$3.90
#11.5 Travel to Main Distribution Frame/COSMIC (MDF)	1.5	1.000	2.000		0.040	0.12	\$46.78	\$0.09
#11.6 Prewire at MDF/COSMIC	2.5	1.000	2.000			5.00	\$46.78	\$3.90
#11.7 Perform dial tone check	0.5	1.000	1.000			0.50	\$46.78	\$0.39
#11.8.1 If no dial tone travel to IDF	1.5	0.200	1.000		0.040	0.01	\$46.78	\$0.01
#11.8.2 Perform dial tone check	0.5	0.200	1.000			0.10	\$46.78	\$0.08
#11.8.3 Log note in OSSLOG	1	1.000	1.000			1.00	\$46.78	\$0.78
#11A If Supplement order due to Connecting Facility Arrangement (CFA) change.....								
#11.a.1 Travel to IDF	1.5	0.100	2.000		0.040	0.01	\$46.78	\$0.01
#11.a.2 Redo prewire for new CFA	2.5	0.100	2.000			0.50	\$46.78	\$0.39

DUE DATE WORK ACTIVITIES

#12.1 Travel to Central Office	20	0.500	2.000		0.040	0.80	\$46.78	\$0.62
#12.2 Analyze spreadsheet	12.5	1.000	1.000		0.040	0.50	\$46.78	\$0.39
#12.3 Travel to MDF/COSMIC	1.5	1.000	2.000		0.040	0.12	\$46.78	\$0.09
#12.4 Due Date dial tone check	0.5	1.000	1.000			0.50	\$46.78	\$0.39
#12.5 Check Qwest dial tone	0.5	1.000	1.000			0.50	\$46.78	\$0.39
#16.1 Lift and lay cross-connect	0.5	1.000	2.000			1.00	\$46.78	\$0.78
#16.2 Log start time in Work Force Administratin (WFA), terminal-enter-return	1.5	1.000	1.000		0.040	0.06	\$46.78	\$0.05
#16.3 Check CLEC dial tone	0.5	1.000	1.000			0.50	\$46.78	\$0.39
#16.4 Log completion or jeopardy	1	1.000	1.000			1.00	\$46.78	\$0.78
#18 Remove jumper of previous service	1	1.000	1.000	1.250		1.25	\$46.78	\$0.97

IF THROW BACK REQUIRED

<i>Probability 1 column is percent of time a throw back will occur</i>								
17d Throw back, travel to MDF/COSMIC	1.5	0.050	1.000		0.040	0.00	\$46.78	\$0.00
17d Rewire to Qwest CO equipment	5	0.050	1.000			0.25	\$46.78	\$0.19
17d Lift and lay cross-connect	1	0.050	1.000			0.05	\$46.78	\$0.04
17d Check dial tone	0.5	0.050	1.000			0.03	\$46.78	\$0.02

Subtotal - CENTRAL OFFICE TECHNICIAN						20.22		\$15.77
---	--	--	--	--	--	--------------	--	----------------

-PROJECT COORDINATOR

Probability 1 column (.1, .2) is percent of time manual activity will occur.
Probability 2 column (.5) is percent of time manual activity for CFA change will occur
Probability 4 (.04) probability is percentage based on 25 loops per batch - 1/25. Activity is per batch.

State: Washington

Work Item A	Time Minutes B	Prob #1 C	Prob #2 D	Prob #3 E	Prob #4 F	Applied Time (Minutes) G	Labor /Hour H	Cost I
						B * (C Thru F)		H * (G/60)
BATCH HOT CUT - PER LOOP INSTALL (con't)								
<i># preceding work item description is reference to Batch Hot Cut provisioning flow chart</i>								
#10 Screen order in Work Force Administration (WFA-C)	5	1.000			0.040	0.20	\$46.78	\$0.16
#10 Jeop orders (reject batch) if fewer than 20	1	0.100			0.040	0.00	\$46.78	\$0.00
#10a Create spreadsheet, email spreadsheet to CORAC	1	1.000			0.040	0.04	\$46.78	\$0.03
#11a Check for jeep status, check for No Dial Tone status (after DVA)	1	0.200				0.20	\$46.78	\$0.16
#11a If supplemental order, call design	2	0.200	0.500			0.20	\$46.78	\$0.16
#17 Monitor status tool and monitor email from CLEC	0.5	1.000				0.50	\$46.78	\$0.39
IF THROW BACK TO QWEST DIAL TONE REQUESTED								
<i>Probability 1 column is percent of time a cutback/throw back will occur</i>								
<i>Probability 2 column (.9, .1) are percents of time a throw back/cutback email or call from CLEC will occur</i>								
#17d Start cutback per email from CLEC, document OSSLOG	5	0.050	0.900			0.23	\$46.78	\$0.18
#17d Start cutback per call from CLEC, document OSSLOG	7	0.050	0.100			0.04	\$46.78	\$0.03
Subtotal - PROJECT COORDINATOR						1.40		\$1.09
Total For Service:						29.14		\$22.83

State: Washington

Work Item	Time Minutes	Prob #1	Prob #2	Prob #3	Prob #4	Applied Time (Minutes)	Labor /Hour	Cost
A	B	C	D	E	F	G	H	I
						B * (C Thru F)		H * (G/60)

BATCH HOT CUT - PER LOOP INSTALL (con't)

182	Direct Cost							\$22.83
183								
184								
185								
186								
187								
188	Marketing							
189	Product Management Expense			D189*E182	0.016357			\$0.37
190	Sales Expense			D190*E182	0.013750			\$0.31
191	Product Advertising Expense			D191*E182	0.000000			\$0.00
192								
193	Support Assets Expense			D193*(E182+SUM(E189:E191))	0.173446			\$4.08
194								
195	Uncollectible			D195*(E182+E199+SUM(E189:	0.022663			\$0.70
196								
197	TELRIC			E182+SUM(E189:E195)				\$28.29
198								
199	Common			D199*(E182+SUM(E189:E193))	0.112556			\$3.11
200								
201	TELRIC + Common Costs			E197+E199				\$31.39

State: Washington

Work Item A	Time Minutes B	Prob #1 C	Prob #2 D	Prob #3 E	Prob #4 F	Applied Time (Minutes) G	Labor /Hour H	Cost I
						B * (C Thru F)		H * (G/60)

BATCH HOT CUT - PER LOOP DISCONNECT

DISCONNECT

-INTERCONNECT SERVICE CENTER (ISC)

Probability 1 column (.05, .5, .6, .08) probabilities are percents of time this activity will occur when manual activity is required.

Probability 2 column (.15) is percent orders that will fall out of IMA for manual handling.

Review LSR for completeness and accuracy, contractual entries	1	1.000	0.150			0.15	\$42.45	\$0.11
Verify existing account (access CSR in BOSS/CARS) and obtain closing bill address.	1	1.000	0.150			0.15	\$42.45	\$0.11
Type, review and submit to customer the Firm Order Confirmation (FOC)	2	0.800	0.150			0.24	\$42.45	\$0.17
Input order into service order processor. Type and format order for billing and provisioning	10	0.700	0.150			1.05	\$42.45	\$0.74
Populate required fields	2	1.000	0.150			0.30	\$42.45	\$0.21
Ensure order is successfully distributed to the systems and is ready for provisioning	3	0.500	0.150			0.23	\$42.45	\$0.16

Subtotal - INTERCONNECT SERVICE CENTER (ISC)						2.12		\$1.50
---	--	--	--	--	--	-------------	--	---------------

-LOOP PROVISIONING CENTER (LPC)

Probability is % manual work required.

Clear RMA (Request for manual assistance)	11.25	0.020				0.23	\$41.82	\$0.16
---	-------	-------	--	--	--	------	---------	--------

Subtotal - LOOP PROVISIONING CENTER (LPC)						0.23		\$0.16
--	--	--	--	--	--	-------------	--	---------------

-DESIGN

Probability 1 column (.02) are % manual work required.

Order handling/screening	5	0.020				0.10	\$44.25	\$0.07
GOC (Generic Order Control) order log	6	0.020				0.12	\$44.25	\$0.09
Enter WA (Work Authorization) mask	5	0.010				0.05	\$44.25	\$0.04
Disconnect circuit	5	0.030				0.15	\$44.25	\$0.11
Distribute WORD (Work Order Record Detail) document	2	0.050				0.10	\$44.25	\$0.07

Subtotal - DESIGN						0.52		\$0.38
--------------------------	--	--	--	--	--	-------------	--	---------------

-CENTRAL OFFICE FRAMES

Probability 1 column (.75) is percent of estimated orders that are Retail or UNE-P to UNE-L (Disconnect not previously recovered)

Analyze order	5	0.750				3.75	\$46.78	\$2.92
Walk time to MDF/COSMIC	1.5	0.750				1.13	\$46.78	\$0.88
Remove cross-connect at MDF/COSMIC	1	0.750				0.75	\$46.78	\$0.58
Walk time to IDF	1.5	0.750				1.13	\$46.78	\$0.88
Remove cross-connect at IDF	3	0.750				2.25	\$46.78	\$1.75
Complete work request in WFA-DI (Work Force Administration - Dispatch In Module)	1	0.750				0.75	\$46.78	\$0.58

Subtotal - CENTRAL OFFICE FRAMES						9.75		\$7.60
---	--	--	--	--	--	-------------	--	---------------

-PROJECT COORDINATOR

State: Washington

Work Item A	Time Minutes B	Prob #1 C	Prob #2 D	Prob #3 E	Prob #4 F	Applied Time (Minutes) G B * (C Thru F)	Labor /Hour H	Cost I H * (G/60)
BATCH HOT CUT - PER LOOP DISCONNECT (con't)								
Screen WFA (Work Force Administration) for circuit	2	1.000				2.00	\$46.78	\$1.56
Notify customer	2	1.000				2.00	\$46.78	\$1.56
Complete circuit in WFA/C (Work Force Administration - Control Module)	2	1.000				2.00	\$46.78	\$1.56
Subtotal - PROJECT COORDINATOR						6.00		\$4.68
Total For Service:						18.61		\$14.32

State: Washington

Work Item	Time Minutes	Prob #1	Prob #2	Prob #3	Prob #4	Applied Time (Minutes)	Labor /Hour	Cost
A	B	C	D	E	F	G	H	I
						B * (C Thru F)		H * (G/60)

BATCH HOT CUT - PER LOOP DISCONNECT (con't)

317	Direct Cost							\$14.32
318								
319								
320								
321								
322								
323	Marketing							
324	Product Management Expense			D324*E317		0.016357		\$0.23
325	Sales Expense			D325*E317		0.013750		\$0.20
326	Product Advertising Expense			D326*E317		0.000000		\$0.00
327								
328	Support Assets Expense			D328*(E317+SUM(E324:E326))		0.173446		\$2.56
329								
330	Uncollectible			D330*(E317+E334+SUM(E324:		0.022663		\$0.44
331								
332	TELRIC			E317+SUM(E324:E330)				\$17.74
333								
334	Common			D334*(E317+SUM(E324:E328))		0.112556		\$1.95
335								
336	TELRIC + Common Costs			E332+E334				\$19.69

BATCH HOT CUT SYSTEM ENHANCEMENTS SUMMARY

Demand estimates from volume analysis for UNE-P Mass Markets Migrations

MONTH-YEAR	DEMAND	PRESENT VALUE
JAN-2005	42210	42850
FEB-2005	42490	42032
MAR-2005	42760	41844
APR-2005	43030	41654
MAY-2005	43280	41445
JUN-2005	43530	41235
JUL-2005	43770	41016
AUG-2005	75400	69894
SEP-2005	74640	68444
OCT-2005	73890	67026
NOV-2005	73170	65658
DEC-2005	72470	64329
JAN-2006	71780	63030
FEB-2006	71120	61778
MAR-2006	70460	60545
APR-2006	69830	59357
MAY-2006	69200	58188
JUN-2006	68590	57054
JUL-2006	68000	55953
AUG-2006	67410	54870
SEP-2006	66830	53812
OCT-2006	66250	52770
NOV-2006	65680	51753
DEC-2006	65100	50743
JAN-2007	64510	50283
FEB-2007	63900	49271
MAR-2007	63230	48229
APR-2007	61880	46691
TOTAL PRESENT VALUE OF DEMAND		1501752
BHC SYSTEM ENHANCEMENTS EXPENSE		
APPOINTMENT SCHEDULER		
AND STATUS TOOL		
	\$900,000	
SPREADSHEET-CORAC		
	\$15,338.20	
SPREADSHEET-QCCC		
	\$26,181.76	
TOTAL SYSTEM ENHANCEMENTS EXPENSE		\$941,520
TOTAL SYSTEM ENHANCEMENTS EXPENSE / TOTAL PVD		\$0.63

IT
SYSTEM ENHANCEMENTS EXPENSE

\$900,000.00

CORAC
SPREADSHEET DEVELOPMENT EXPENSE

	HOURS	LABOR RATE	TOTAL
CORAC TRAINER	40	\$57.70	\$2,308.00
CORAC Trainer training each of 6 CORACS at 20 hours each	120	\$57.70	\$6,924.00
CORAC Trainee (SPOC) trained at each of 6 CORACs at 20 hours each	120	\$41.82	\$5,018.40
License fee = \$40.00 at 6 CORACs and 1 Developer station (7x\$40)			\$280.00
CORAC Trainer download IT software at each of 7 stations at 2 hours each	14	\$57.70	\$807.80
TOTAL CORAC SPREADSHEET DEVELOPMENT EXPENSE			\$15,338.20

QCCC
SPREADSHEET DEVELOPMENT EXPENSE

	HOURS	LABOR RATE	TOTAL
SERVICE REPRESENTATIVE DEVELOP MACRO EXPRESS/DATABASE	424	\$46.78	\$19,834.72
SALARY GRADE 4 MANAGER DEVELOP INTERACTION BETWEEN MACRO EXPRESS AND WEB BASED TOOL	8	\$45.84	\$366.72
SALARY GRADE 4 MANAGER TRAIN BHC PROCESS (1 @ 8 HOURS)	8	\$45.84	\$366.72
OCCUPATIONAL TRAINING (15 @ 8 HOURS)	120	\$46.78	\$5,613.60
TOTAL QCCC SPREADSHEET DEVELOPMENT EXPENSE			\$26,181.76