CRUISE REPORT HEADER & CERTIFICATION
CRUISE#: 1 SALE#: 1
SALENAME: Bug Kill 2016
RUN DATE & TIME: 03-11-2016 08:05:33

Year: 2016 Region: 05 Forest: 03 District: 11
Remarks: salvage
FILENAME: C:\Timber\BUG KILL 2016\Cruise\Bug_Kill_2016.crz
REPORTS: A1,A2,A5,A7,B1,CP1,CP2,DP1,DS1,R501,TC58,UC5,
WT1,

********** CRUISE CERTIFICATION **********

I certify that the timber for the BugKill2016 timber sale has been designated and cruised by the procedures and standards in FSH 2409.12, Timber Cruising Handbook. Records of checks are on file at the District Ranger Office,

Feather River
RANGER DISTRICT

Oroville
(name of headquarters town)

Randall J Gould
DISTRICT RANGER

4/7/2016
DATE

****

Developed and Maintained By:
USDA FOREST SERVICE
WASHINGTON OFFICE TIMBER MANAGEMENT
FORT COLLINS, COLORADO (970)295-5776

VERSION: 03.14.2012
VOLUME LIBRARY VERSION: 03.05.2012
NATIONAL CRUISE PROCESSING PROGRAM

CRUISE#: 1 SALE#: 1
SALENAME: Bug Kill 2016 VERSION: 03.14.2012
RUN DATE & TIME: 03-11-2016 08:05:33 VOLUME LIBRARY VERSION: 03.05.2012

					PRIMARY PRODUCT				SECONDARY PRODUCT				
SPECIES	PROD	VOLUME EQUATION	STUMP HEIGHT	TOTAL CUBIC VOLUME	MIN TOP DIB	BDFT	CUFT	CORDS	MIN TOP DIB	BDFT	CUFT	CORDS	Z SCORE
WF	01	500WO2W015	1.0	NO	6.0	YES	YES	NO	1.0	YES	YES	NO	0.000
RF	01	500WO2W020	1.0	NO	6.0	YES	YES	NO	1.0	YES	YES	NO	0.000
IC	01	500WO2W081	1.0	NO	6.0	YES	YES	NO	1.0	YES	YES	NO	0.000
LP	01	500WO2W108	1.0	NO	6.0	YES	YES	NO	1.0	YES	YES	NO	0.000
JP	01	500WO2W116	1.0	NO	6.0	YES	YES	NO	1.0	YES	YES	NO	0.000
SP	01	500WO2W117	1.0	NO	6.0	YES	YES	NO	1.0	YES	YES	NO	0.000
PP	01	500WO2W122	1.0	NO	6.0	YES	YES	NO	1.0	YES	YES	NO	0.000
DF	01	500WO2W202	1.0	NO	6.0	YES	YES	NO	1.0	YES	YES	NO	0.000
WF	20	500WO2W015	0.5	NO	1.0	YES	YES	NO	0.0	NO	NO	NO	0.000
RF	20	500WO2W020	0.5	NO	1.0	NO	YES	NO	0.0	NO	NO	NO	0.000
IC	20	500WO2W081	0.5	NO	1.0	NO	YES	NO	0.0	NO	NO	NO	0.000
LP	20	500WO2W108	0.5	NO	1.0	NO	YES	NO	0.0	NO	NO	NO	0.000
JP	20	500WO2W116	0.5	NO	1.0	NO	YES	NO	0.0	NO	NO	NO	0.000
SP	20	500WO2W117	0.5	NO	1.0	NO	YES	NO	0.0	NO	NO	NO	0.000
PP	20	500WO2W122	0.5	NO	1.0	NO	YES	NO	0.0	NO	NO	NO	0.000
DF	20	500WO2W202	0.5	NO	1.0	NO	YES	NO	0.0	NO	NO	NO	0.000
WF	08	500WO2W015	0.5	NO	1.0	NO	YES	NO	0.0	NO	NO	NO	0.000
RF	08	500WO2W020	0.5	NO	1.0	NO	YES	NO	0.0	NO	NO	NO	0.000
IC	08	500WO2W081	0.5	NO	1.0	NO	YES	NO	0.0	NO	NO	NO	0.000
LP	08	500WO2W108	0.5	NO	1.0	NO	YES	NO	0.0	NO	NO	NO	0.000
JP	08	500WO2W116	0.5	NO	1.0	NO	YES	NO	0.0	NO	NO	NO	0.000
SP	08	500WO2W117	0.5	NO	1.0	NO	YES	NO	0.0	NO	NO	NO	0.000
PP	08	500WO2W122	0.5	NO	1.0	NO	YES	NO	0.0	NO	NO	NO	0.000
DF	08	500WO2W202	0.5	NO	1.0	NO	YES	NO	0.0	NO	NO	NO	0.000
JR	08	500DVEW060	0.5	NO	1.0	NO	YES	NO	0.0	NO	NO	NO	0.000
WF	07	500WO2W015	1.0	NO	2.0	NO	YES	NO	0.0	NO	NO	NO	0.000
RF	07	500WO2W020	1.0	NO	2.0	NO	YES	NO	0.0	NO	NO	NO	0.000
IC	07	500WO2W081	1.0	NO	2.0	NO	YES	NO	0.0	NO	NO	NO	0.000
LP	07	500WO2W108	1.0	NO	2.0	NO	YES	NO	0.0	NO	NO	NO	0.000
JP	07	500WO2W116	1.0	NO	2.0	NO	YES	NO	0.0	NO	NO	NO	0.000
SP	07	500WO2W117	1.0	NO	2.0	NO	YES	NO	0.0	NO	NO	NO	0.000
PP	07	500WO2W122	1.0	NO	2.0	NO	YES	NO	0.0	NO	NO	NO	0.000
DF	07	500WO2W202	1.0	NO	2.0	NO	YES	NO	0.0	NO	NO	NO	0.000
JR	20	500DVEW060	0.5	NO	1.0	NO	YES	NO	0.0	NO	NO	NO	0.000
DF	02	500WO2W202	0.5	NO	1.0	NO	YES	NO	0.0	NO	NO	NO	0.000
PP	02	500WO2W122	0.5	NO	1.0	NO	YES	NO	0.0	NO	NO	NO	0.000
SP	02	500WO2W117	0.5	NO	1.0	NO	YES	NO	0.0	NO	NO	NO	0.000
WF	02	500WO2W015	0.5	NO	1.0	NO	YES	NO	0.0	NO	NO	NO	0.000
RF	02	500WO2W020	0.5	NO	1.0	NO	YES	NO	0.0	NO	NO	NO	0.000
IC	02	500WO2W081	0.5	NO	1.0	NO	YES	NO	0.0	NO	NO	NO	0.000

CRUISE#: 1 SALE#: 1
SALENAME: Bug Kill 2016 VERSION: 03.14.2012
RUN DATE & TIME: 03-11-2016 08:05:33 VOLUME LIBRARY VERSION: 03.05.2012

					PRIMARY ******* PRODUCT ********				SECONDARY ****** PRODUCT ******				
SPECIES	PROD	VOLUME EQUATION	STUMP HEIGHT	TOTAL CUBIC VOLUME	MIN TOP DIB	BDFT	CUFT	CORDS	MIN TOP DIB	BDFT	CUFT	CORDS	Z SCORE
JP	02	500WO2W116	0.5	NO	1.0	NO	YES	NO	0.0	NO	NO	NO	0.000
LP	02	500WO2W108	0.5	NO	1.0	NO	YES	NO	0.0	NO	NO	NO	0.000

WEIGHT EQUATION TABLE
CRUISE#: 1 SALE#: 1
SALENAME: Bug Kill 2016
RUN DATE & TIME: 03-11-2016 08:05:33

VERSION: 03.14.2012
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									********** BIOMASS EQUATIONS **********											
		L/D	PRIM	WEIGHT	PERCENT	SECN	WEIGHT	PERCENT		FOLIAGE			LIVE BRANCH			DEAD BRANCH			TOT TREE		
SPECIES	EQUATION	CODE	PROD	FACTOR	REMOVED	PROD	FACTOR	REMOVED	PROD	EQN	%MO	%RMV	EQN	%MO	%RMV	EQN	%MO	%RMV	EQN	%MO	%RMV
PP	GENPP004		01	68.00	100.00	20	93.00	100.00		0	0	0	0	0	0	0	0	0	0	0	0
WF	GENPP004		01	69.00	100.00	20	110.00	100.00		0	0	0	0	0	0	0	0	0	0	0	0
DF	GENPP004		01	63.00	100.00	20	102.00	100.00		0	0	0	0	0	0	0	0	0	0	0	0
IC	GENPP004		01	58.00	100.00	20	105.00	100.00		0	0	0	0	0	0	0	0	0	0	0	0
LP	GENPP004		01	55.00	100.00	20	73.00	100.00		0	0	0	0	0	0	0	0	0	0	0	0
JP	GENPP004		01	68.00	100.00	20	93.00	100.00		0	0	0	0	0	0	0	0	0	0	0	0
RF	GENPP004		01	69.00	100.00	20	110.00	100.00		0	0	0	0	0	0	0	0	0	0	0	0
PP	GENPP004		20	93.00	100.00		0.00	0.00		0	0	0	0	0	0	0	0	0	0	0	0
JP	GENPP004		20	93.00	100.00		0.00	0.00		0	0	0	0	0	0	0	0	0	0	0	0
SP	GENPP004		20	93.00	100.00		0.00	0.00		0	0	0	0	0	0	0	0	0	0	0	0
WF	GENPP004		20	110.00	100.00		0.00	0.00		0	0	0	0	0	0	0	0	0	0	0	0
RF	GENPP004		20	110.00	100.00		0.00	0.00		0	0	0	0	0	0	0	0	0	0	0	0
DF	GENPP004		20	102.00	100.00		0.00	0.00		0	0	0	0	0	0	0	0	0	0	0	0
IC	GENPP004		20	105.00	100.00		0.00	0.00		0	0	0	0	0	0	0	0	0	0	0	0
LP	GENPP004		20	73.00	100.00		0.00	0.00		0	0	0	0	0	0	0	0	0	0	0	0
SP	GENPP004		01	69.00	100.00	20	93.00	100.00		0	0	0	0	0	0	0	0	0	0	0	0
JR	GENPP004		20	105.00	100.00		0.00	0.00		0	0	0	0	0	0	0	0	0	0	0	0
JR	GENPP004		08	105.00	100.00		0.00	0.00		0	0	0	0	0	0	0	0	0	0	0	0

CRUISE NO.	CUTTING UNIT NO.	CUTTING UNIT ACRES	CUTTING UNIT DESCRIPTION	LOG METHOD	PAYMENT UNIT NO.
1	1	3.00	salvage	421	1
1	19	5.00	salvage	421	19
1	2	1.50	salvage	421	2
1	229	3.00	salvage	421	229
1	3	3.00	salvage	421	3
1	36	38.00	salvage	421	36
1	4	2.00	salvage	421	4
1	922	32.00	salvage	421	922

TOTAL SALE ACRES: 87.50

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CRUISE NO.	STRATA NO.	CRUISE METHOD	STRATA ACRES	BAF	PLOT SIZE	NO. OF PLOTS	STRATA DESCRIPTION	DATE MMYYYY
1	1	STR	87.50	0.00	0.	0	salvage	22016

CRUISE NO.	CUTTING UNIT	STRATUM	PAYMENT UNIT
1	1	1	1
1	19	1	19
1	2	1	2
1	229	1	229
1	3	1	3
1	36	1	36
1	4	1	4
1	922	1	922

CRUISE#: 1 SALE#: 1
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STRATA	UNIT	TREE	SPECIES	PROD PRIS	PROD SEC	SMP GRP	CUTTING EVENT	CUTTING MEASURE	TREE CONTOUR	UOFM	HIDEF	LIVE/DEAD	DBH-OB	TOTHT	TDIBPRD
1	1	1	PP	01	20	PP	C	M		1	01	42 D	31.2	155	13.0
1	1	2	PP	01	20	PP	C	M		1	01	42 D	39.8	164	14.0
1	1	3	PP	01	20	PP	C	M		1	01	42 D	36.9	163	14.0
1	1	4	PP	01	20	PP	C	M		1	01	42 D	32.0	121	12.0
1	1	5	PP	01	20	PP	C	M		1	01	42 D	22.8	114	9.0
1	2	1	PP	01	20	PP	C	M		1	01	5 L	33.1	157	13.0
1	2	2	PP	01	20	PP	C	M		1	01	42 D	31.3	158	12.0
1	2	3	PP	01	20	PP	C	M		1	01	5 L	29.5	141	12.0
1	3	1	PP	01	20	PP	C	M		1	01	47 D	20.6	83	8.0
1	3	2	PP	01	20	PP	C	M		1	01	4 L	20.8	85	8.0
1	3	3	PP	01	20	PP	C	M		1	01	4 L	24.4	113	9.0
1	3	4	PP	01	20	PP	C	M		1	01	4 L	24.2	94	9.0
1	3	5	IC	01	20	IC	C	M		1	01	2 L	22.8	61	9.0
1	19	1	PP	01	20	PP	C	M		1	01	42 D	34.2	144	13.0
1	36	1	WF	01	20	WF	C	M		1	01	7 L	34.8	140	13.0
1	36	2	PP	01	20	PP	C	M		1	01	37 D	47.6	165	16.0
1	36	3	WF	01	20	WF	C	M		1	01	4 L	23.1	104	9.0
1	229	1	PP	01	20	PP	C	M		1	01	42 D	34.6	154	13.0
1	229	2	IC	01	20	IC	C	M		1	01	0 D	18.0	81	8.0
1	922	1	PP	01	20	PP	C	M		1	01	5 L	40.0	162	14.0
1	922	2	SP	01	20	PP	C	M		1	01	42 D	31.4	153	12.0
1	922	3	PP	01	20	PP	C	M		1	01	41 D	45.5	177	15.0
1	922	4	PP	01	20	PP	C	M		1	01	5 L	32.4	155	12.0
1	922	5	PP	01	20	PP	C	M		1	01	42 D	30.5	165	12.0
1	922	6	PP	01	20	PP	C	M		1	01	42 D	35.1	167	13.0

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THE FOLLOWING INFORMATION IS PROVIDED FOR SELECT METHODS AND REPRESENTS WHAT ONCE WERE COUNT RECORDS

CUTTING UNIT	STRATUM	SAMPLE GROUP	SPECIES	FREQUENCY	KZ VALUE	TALLY COUNT	KPI	DESCRIPTION
922	1	PP	PP	10	0	25		Ponderosa
36	1	PP	PP	10	0	15		Ponderosa
19	1	PP	PP	10	0	4		Ponderosa
229	1	PP	PP	10	0	7		Ponderosa
1	1	PP	PP	10	0	36		Ponderosa
2	1	PP	PP	10	0	7		Ponderosa
3	1	PP	PP	10	0	8		Ponderosa
4	1	PP	PP	10	0	10		Ponderosa
922	1	WF	WF	1	0			White Fir
36	1	WF	WF	1	0			White Fir
19	1	WF	WF	1	0			White Fir
229	1	WF	WF	1	0			White Fir
1	1	WF	WF	1	0			White Fir
2	1	WF	WF	1	0			White Fir
3	1	WF	WF	1	0			White Fir
4	1	WF	WF	1	0			White Fir
922	1	PP	SP	10	0			Sugar Pine
36	1	PP	SP	10	0			Sugar Pine
19	1	PP	SP	10	0			Sugar Pine
229	1	PP	SP	10	0			Sugar Pine
1	1	PP	SP	10	0			Sugar Pine
2	1	PP	SP	10	0			Sugar Pine
3	1	PP	SP	10	0			Sugar Pine
4	1	PP	SP	10	0			Sugar Pine
922	1	IC	IC	1	0			Incense Cedar
36	1	IC	IC	1	0			Incense Cedar
19	1	IC	IC	1	0			Incense Cedar
229	1	IC	IC	1	0			Incense Cedar
1	1	IC	IC	1	0			Incense Cedar
2	1	IC	IC	1	0			Incense Cedar
3	1	IC	IC	1	0			Incense Cedar
4	1	IC	IC	1	0			Incense Cedar
922	1	WF	DF	1	0			Douglas Fir
36	1	WF	DF	1	0			Douglas Fir
19	1	WF	DF	1	0			Douglas Fir
229	1	WF	DF	1	0			Douglas Fir
1	1	WF	DF	1	0			Douglas Fir
2	1	WF	DF	1	0			Douglas Fir
3	1	WF	DF	1	0			Douglas Fir
4	1	WF	DF	1	0			Douglas Fir

PRIMARY AND SECONDARY PRODUCT
VOLUME INFORMATION
CRUISE#: 1 SALE#: 1
SALENAME: Bug Kill 2016 VERSION: 03.14.2012
RUN DATE & TIME: 03-11-2016 08:05:33 VOLUME LIBRARY VERSION: 03.05.2012

STRATA	UNIT	PLOT	TREE	SPECIES	DBH-OB	TOTHT	PER TREE: PRIMARY GROSS CUFT	PER TREE: PRIMARY NET CUFT	PER TREE: SECONDARY GROSS CUFT	PER TREE: SECONDARY NET CUFT	TREE FAC	CHAR FAC	EXP FAC	PER ACRE/PER STRATA: PRIMARY GROSS CUFT	PER ACRE/PER STRATA: PRIMARY NET CUFT	PER ACRE/PER STRATA: SECONDARY GROSS CUFT	PER ACRE/PER STRATA: SECONDARY NET CUFT
1	1		1	PP	31.2	155	255.6	148.4	16.5	16.5	0.000	0.000	6.333	1618.7	939.8	104.5	104.5
1	1		2	PP	39.8	164	464.0	269.2	16.3	16.3	0.000	0.000	6.333	2938.5	1704.8	103.2	103.2
1	1		3	PP	36.9	163	391.1	226.9	18.6	18.6	0.000	0.000	6.333	2476.8	1437.0	117.8	117.8
1	1		4	PP	32.0	121	216.7	47.3	10.6	10.6	0.000	0.000	6.333	1372.4	299.6	67.1	67.1
1	1		5	PP	22.8	114	103.2	59.9	5.7	5.7	0.000	0.000	6.333	653.6	379.3	36.1	36.1
1	2		1	PP	33.1	157	303.0	245.4	15.8	15.8	0.000	0.000	6.333	1918.9	1554.1	100.1	100.1
1	2		2	PP	31.3	158	264.6	153.7	12.9	12.9	0.000	0.000	6.333	1675.7	973.4	81.7	81.7
1	2		3	PP	29.5	141	210.0	173.5	12.9	12.9	0.000	0.000	6.333	1329.9	1098.8	81.7	81.7
1	3		1	PP	20.6	83	58.3	30.2	3.6	3.6	0.000	0.000	6.333	369.2	191.3	22.8	22.8
1	3		2	PP	20.8	85	61.5	59.1	3.6	3.6	0.000	0.000	6.333	389.5	374.3	22.8	22.8
1	3		3	PP	24.4	113	117.0	112.3	5.0	1.0	0.000	0.000	6.333	741.0	711.2	31.7	6.3
1	3		4	PP	24.2	94	94.3	90.6	4.4	4.4	0.000	0.000	6.333	597.2	573.8	27.9	27.9
1	3		5	IC	22.8	61	41.8	38.0	4.2	4.2	0.000	0.000	1.000	41.8	38.0	4.2	4.2
1	19		1	PP	34.2	144	293.2	166.0	13.8	13.8	0.000	0.000	6.333	1856.8	1051.3	87.4	87.4
1	36		1	WF	34.8	140	297.7	250.0	13.3	13.3	0.000	0.000	1.000	297.7	250.0	13.3	13.3
1	36		2	PP	47.6	165	687.6	433.2	19.5	19.5	0.000	0.000	6.333	4354.6	2743.5	123.5	123.5
1	36		3	WF	23.1	104	98.7	78.9	4.9	4.9	0.000	0.000	1.000	98.7	78.9	4.9	4.9
1	229		1	PP	34.6	154	326.4	189.4	15.3	15.3	0.000	0.000	6.333	2067.1	1199.5	96.9	96.9
1	229		2	IC	18.0	81	30.8	30.8	5.0	5.0	0.000	0.000	1.000	30.8	30.8	5.0	5.0
1	922		1	PP	40.0	162	468.9	445.4	16.3	16.3	0.000	0.000	6.333	2969.5	2820.7	103.2	103.2
1	922		2	SP	31.4	153	246.2	142.8	13.5	13.5	0.000	0.000	6.333	1559.2	904.4	85.5	85.5
1	922		3	PP	45.5	177	671.8	396.3	17.0	17.0	0.000	0.000	6.333	4254.5	2509.8	107.7	107.7
1	922		4	PP	32.4	155	286.3	261.2	12.2	12.2	0.000	0.000	6.333	1813.1	1654.2	77.3	77.3
1	922		5	PP	30.5	165	268.2	155.6	15.4	15.4	0.000	0.000	6.333	1698.5	985.4	97.5	97.5
1	922		6	PP	35.1	167	358.5	207.9	15.8	15.8	0.000	0.000	6.333	2270.4	1316.6	100.1	100.1

PRIMARY AND SECONDARY PRODUCT
VOLUME INFORMATION
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STRATA	UNIT	PLOT	TREE	SPECIES	DBH-OB	TOT HT	PER TREE PRIMARY GROSS BDFT	PER TREE PRIMARY NET BDFT	PER TREE SECONDARY GROSS BDFT	PER TREE SECONDARY NET BDFT	TREE FAC	CHAR FAC	EXP FAC	PER ACRE/PER STRATA PRIMARY GROSS BDFT	PER ACRE/PER STRATA PRIMARY NET BDFT	PER ACRE/PER STRATA SECONDARY GROSS BDFT	PER ACRE/PER STRATA SECONDARY NET BDFT
1	1		1	PP	31.2	155	1840.0	1066.0	60.0	60.0	0.000	0.000	6.333	11652.7	6751.0	380.0	380.0
1	1		2	PP	39.8	164	3470.0	2012.0	50.0	50.0	0.000	0.000	6.333	21975.5	12742.0	316.7	316.7
1	1		3	PP	36.9	163	2890.0	1677.0	70.0	70.0	0.000	0.000	6.333	18302.4	10620.4	443.3	443.3
1	1		4	PP	32.0	121	1510.0	287.0	30.0	30.0	0.000	0.000	6.333	9562.8	1817.6	190.0	190.0
1	1		5	PP	22.8	114	630.0	365.0	20.0	20.0	0.000	0.000	6.333	3989.8	2311.5	126.7	126.7
1	2		1	PP	33.1	157	2200.0	1742.0	50.0	50.0	0.000	0.000	6.333	13932.6	11032.1	316.7	316.7
1	2		2	PP	31.3	158	1880.0	1090.0	40.0	40.0	0.000	0.000	6.333	11906.0	6903.0	253.3	253.3
1	2		3	PP	29.5	141	1460.0	1196.0	40.0	40.0	0.000	0.000	6.333	9246.2	7574.3	253.3	253.3
1	3		1	PP	20.6	83	320.0	167.0	10.0	10.0	0.000	0.000	6.333	2026.6	1057.6	63.3	63.3
1	3		2	PP	20.8	85	330.0	317.0	10.0	10.0	0.000	0.000	6.333	2089.9	2007.6	63.3	63.3
1	3		3	PP	24.4	113	740.0	711.0	10.0	0.0	0.000	0.000	6.333	4686.4	4502.8	63.3	0.0
1	3		4	PP	24.2	94	560.0	537.0	10.0	10.0	0.000	0.000	6.333	3546.5	3400.8	63.3	63.3
1	3		5	IC	22.8	61	220.0	201.0	10.0	10.0	0.000	0.000	1.000	220.0	201.0	10.0	10.0
1	19		1	PP	34.2	144	2130.0	1205.0	40.0	40.0	0.000	0.000	6.333	13489.3	7631.3	253.3	253.3
1	36		1	WF	34.8	140	2140.0	1775.0	40.0	40.0	0.000	0.000	1.000	2140.0	1775.0	40.0	40.0
1	36		2	PP	47.6	165	5230.0	3294.0	70.0	70.0	0.000	0.000	6.333	33121.6	20860.9	443.3	443.3
1	36		3	WF	23.1	104	600.0	461.0	10.0	10.0	0.000	0.000	1.000	600.0	461.0	10.0	10.0
1	229		1	PP	34.6	154	2400.0	1392.0	50.0	50.0	0.000	0.000	6.333	15199.2	8815.5	316.7	316.7
1	229		2	IC	18.0	81	140.0	140.0	20.0	20.0	0.000	0.000	1.000	140.0	140.0	20.0	20.0
1	922		1	PP	40.0	162	3460.0	3286.0	50.0	50.0	0.000	0.000	6.333	21912.2	20810.2	316.7	316.7
1	922		2	SP	31.4	153	1720.0	998.0	40.0	40.0	0.000	0.000	6.333	10892.8	6320.3	253.3	253.3
1	922		3	PP	45.5	177	5060.0	2985.0	50.0	50.0	0.000	0.000	6.333	32045.0	18904.0	316.7	316.7
1	922		4	PP	32.4	155	2090.0	1902.0	40.0	40.0	0.000	0.000	6.333	13236.0	12045.4	253.3	253.3
1	922		5	PP	30.5	165	1930.0	1119.0	60.0	60.0	0.000	0.000	6.333	12222.7	7086.6	380.0	380.0
1	922		6	PP	35.1	167	2680.0	1553.0	50.0	50.0	0.000	0.000	6.333	16972.4	9835.1	316.7	316.7

CUT AND LEAVE TREES
CRUISE#: 1 SALE#: 1
SALENAME: Bug Kill 2016 VERSION: 03.14.2012
RUN DATE & TIME: 03-11-2016 08:05:33 VOLUME LIBRARY VERSION: 03.05.2012

STRATA	SPECIES	PROD	SOURCE	LIVE	LOGS	SAMPLE GROUP	TRUNCATED	SEGMENT	CONTROL	# OF MEAS TREES	QUAD MEAN DBH	MEAN HT	AVG DEFT % BF	% CF	GRSS BDFT CUFT RAT.	NET BDFT CUFT RAT.	EST. NO OF TREES	STRATA LEVEL VOLUME GROSS BDFT	GROSS CUFT	NET BDFT	NET CUFT	CORDS
1 IC	01	P	01 D C		IC	N				1	18.0 18.0	81.0	0	0	4.55 4.55		1	140	31	140	31	0.0
1 IC	20	S	01 D C		IC	N												20	5	20	5	0.0
1 IC	01	P	01 L C		IC	N				1	22.8 22.8	61.0	8	9	5.26 5.29		1	220	42	201	38	0.0
1 IC	20	S	01 L C		IC	N												10	4	10	4	0.0
1 PP	01	P	01 D C		PP	N				13	34.8 34.0	148.5	43	43	7.33 7.33		82	202466	27607	115337	15731	0.0
1 PP	20	S	01 D C		PP	N												3800	1146	3800	1146	0.0
1 PP	01	P	01 L C		PP	N				7	29.8 29.2	129.6	10	9	7.03 6.98		44	68650	9759	61373	8787	0.0
1 PP	20	S	01 L C		PP	N												1330	445	1267	419	0.0
1 SP	01	P	01 D C		PP	N				1	31.4 31.4	153.0	41	41	6.99 6.99		6	10893	1559	6320	904	0.0
1 SP	20	S	01 D C		PP	N												253	85	253	85	0.0
1 WF	01	P	01 L C		WF	N				2	29.5 28.9	122.0	18	17	6.91 6.80		2	2740	396	2236	329	0.0
1 WF	20	S	01 L C		WF	N												50	18	50	18	0.0

TOTALS --- PRODUCT	PRODUCT SOURCE	EST. NO OF TREES	*** GROSS VOLUME *** BDFT	CUFT	*** NET VOLUME *** BDFT	CUFT	CORDS
01	P	137	285108	39394	185607	25820	0.0
20	S		5463	1704	5400	1678	
		137	290572	41098	191007	27499	0.0

PRODUCT SOURCE KEY:

P = PRIMARY PRODUCT
S = SECONDARY PRODUCT
R = RECOVERABLE PRODUCT

```
             P                                        M
             R                 C                      E
             O                 O                      A
             D        Y      T N                 M    N         AVG
     S    P          L  S    R T                 E              DEFT  GRSS  NET
 S   P    R  S U      D  A    E R                 A    T         %  %                ***************** STRATA LEVEL ****************
 T   E    O  O     L    M    E     # OF    QUAD  N    O                 BDFT  BDFT   EST.
 R   C    D  U O  L E C         S                      T         B  C                          ********** VOLUME **********
 A   I    U  R F  I A O  G  S G P    MEAS    MEAN  D              D  U  CUFT  CUFT   NO OF
 T   E    C  C    V V M  R  T R E                 B    H         F  F                          *** GROSS **     **** NET ***
 A   S    T  E M  E E P  P  M D C    TREES   DBH   H    T         T  T  RAT.  RAT.   TREES     BDFT    CUFT     BDFT    CUFT  CORDS
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The following items are not reported and/or calculated for secondary or recovered products but are shown here as blank so the associated volumes can be reported: Number of measured trees, Quad mean DBH, Mean DBH, Mean height(s), Average defect, any Ratio, Estimated number of trees.

STRATA	PRODUCT	SOURCE	UOF	SAMPLE GRP	STM	# OF TREES MEASURED	TALLIED	QUAD MEAN DBH	MEAN DBH	MEAN TOT HT	AVE DEF % BDFT	AVE DEF % CUFT	GROSS BDFT CUFT RATIO	NET BDFT CUFT RATIO	********** STRATA LEVEL ********** EST. # OF TREES	********** VOLUME ********** *** GROSS *** BDFT	*** GROSS *** CUFT	**** NET **** BDFT	**** NET **** CUFT	CORDS
1	01	P	01	IC	N	2	2	20.5	20.4	71.0	5	5	4.959	4.956	2	360	73	341	69	0.0
1	20	S	01	IC	N											30	9	30	9	0.0
1	01	P	01	PP	N	21	133	33.1	32.3	142.4	35	34	7.245	7.200	133	282008	38925	183030	25423	0.0
1	20	S	01	PP	N											5383	1676	5320	1651	0.0
1	01	P	01	WF	N	2	2	29.5	28.9	122.0	18	17	6.912	6.798	2	2740	396	2236	329	0.0
1	20	S	01	WF	N											50	18	50	18	0.0

TOTALS ------

PRODUCT	PRODUCT SOURCE	QUAD MEAN DBH	MEAN DBH	MEAN TOT HT	EST. # OF TREES	********** VOLUME ********** **** GROSS **** BDFT	**** GROSS **** CUFT	***** NET ***** BDFT	***** NET ***** CUFT	CORDS
01	P	32.9	32.1	141.0	137	285108	39394	185607	25820	0.0
20	S					5463	1704	5400	1678	
		32.9	32.1	141.0	137	290572	41098	191007	27499	0.0

PRODUCT SOURCE KEY:

P = PRIMARY PRODUCT
S = SECONDARY PRODUCT
R = RECOVERABLE PRODUCT

The following items are not reported and/or calculated for secondary or recovered products but are shown here as blank so the associated volumes can be reported: Number of measured trees, Quad mean DBH, Mean DBH, Mean height(s), Average defect, any Ratio, Estimated number of trees.

STRATA	PRODUCT	PROD SOURCE	UOF	SMP GRP	STM	EST. NO. OF TREES	PER ACRE GROSS BDFT	PER ACRE GROSS CUFT	PER ACRE NET BDFT	PER ACRE NET CUFT	PER ACRE CORDS
1	01	P	01	IC	N	<1	4	1	4	1	0.0
1	20	S	01	IC	N		0	0	0	0	0
1	01	P	01	PP	N	2	3223	445	2092	291	0.0
1	20	S	01	PP	N		62	19	61	19	0
1	01	P	01	WF	N	<1	31	5	26	4	0.0
1	20	S	01	WF	N		1	0	1	0	0

PRODUCT SOURCE KEY:

P = PRIMARY PRODUCT
S = SECONDARY PRODUCT
R = RECOVERABLE PRODUCT

The following items are not reported and/or calculated for secondary or recovered products but are shown here as blank so the associated volumes can be reported: Number of measured trees, Quad mean DBH, Mean DBH, Mean height(s), Average defect, any Ratio, Estimated number of trees.

STRATA	PRODUCT	UOF	SAMGRP	STM	STG SAM 1/2	NO SAM TREES	BIG N	SMALL N	t VALUE	MEAN X	SUM OF X	SUM OF (X * X)	STANDARD DEVIATION	COEFF OF VARIATION	STANDARD ERROR	SAMPLING ERROR	COMBINED SAMPLING ERROR
						********** PRIMARY PRODUCT NET VOLUME **********											
1	01	01	IC	N	1	2	2	2	12.706	170.5	341.00	60001.00	43.1335	25.2982	0.000	0.0000	0.000
1	01	01	PP	N	1	21	133	21	2.086	1376.2	28901.00	57013495.00	928.4083	67.4599	185.914	28.1795	28.179
1	01	01	WF	N	1	2	2	2	12.706	1118.0	2236.00	3363146.00	929.1383	83.1072	0.000	0.0000	0.000

STRATA	PRODUCT	UOF	SAMGRP	STM	STG SAM 1/2	NO SAM TREES	BIG N	SMALL N	t VALUE	MEAN X	SUM OF X	SUM OF (X * X)	STANDARD DEVIATION	COEFF OF VARIATION	STANDARD ERROR	SAMPLING ERROR	COMBINED SAMPLING ERROR
						********** SECONDARY PRODUCT NET VOLUME **********											
1	20	01	IC	N	1	2	2	2	12.706	15.0	30.00	500.00	7.0711	47.1405	0.000	0.0000	0.000
1	20	01	PP	N	1	21	133	21	2.086	40.0	840.00	41600.00	20.0000	50.0000	4.005	20.8861	20.886
1	20	01	WF	N	1	2	2	2	12.706	25.0	50.00	1700.00	21.2132	84.8528	0.000	0.0000	0.000

DS1: ERROR TERM, VOLUME AND CONFIDENCE INTERVAL
PRIMARY PRODUCT VOLUME
FOR CUT TREES ONLY
CRUISE#: 1 SALE#: 1
SALENAME: Bug Kill 2016
RUN DATE & TIME: 03-11-2016 08:05:33

VERSION: 03.14.2012
VOLUME LIBRARY VERSION: 03.05.2012

STRATA	PROD	UOM	********** PRIMARY PRODUCT GROSS VOLUME ********** VOLUME*	ERROR	****** 95% CONFIDENCE ***** INTERVAL FROM	TO	********* PRIMARY PRODUCT NET VOLUME ******** VOLUME*	ERROR	****** 95% CONFIDENCE ****** INTERVAL FROM	TO
1	01	01	285108.5	26.53	209477.	360740.	185607.0	27.79	134030.	237184.
	---------- AGGREGATED BY PRODUCT ----------									
	01	01	285108.5	26.53	209477.	360740.	185607.0	27.79	134030.	237184.
	-------- AGGREGATED BY UNIT OF MEASURE --------									
		01	285108.5	26.53	209477.	360740.	185607.0	27.79	134030.	237184.
	---------- AGGREGATED BY STRATA ----------									
1		01	285108.5	26.53	209477.	360740.	185607.0	27.79	134030.	237184.

* UOM DETERMINES VALUES USED IN CALCULATION UNDER VOLUME

DS1: ERROR TERM, VOLUME AND CONFIDENCE INTERVAL
SECONDARY PRODUCT VOLUME
FOR CUT TREES ONLY
CRUISE#: 1 SALE#: 1
SALENAME: Bug Kill 2016
RUN DATE & TIME: 03-11-2016 08:05:33

VERSION: 03.14.2012
VOLUME LIBRARY VERSION: 03.05.2012

STRATA	PRODUCT	UOM	******** SECONDARY PRODUCT GROSS VOLUME ********** VOLUME*	ERROR	****** 95% CONFIDENCE ***** INTERVAL FROM	TO	******* SECONDARY PRODUCT NET VOLUME ******** VOLUME*	ERROR	****** 95% CONFIDENCE ****** INTERVAL FROM	TO
1	20	01*	5463.1	19.42	4402.	6524.	5399.7	20.58	4289.	6511.
					---------- AGGREGATED BY PRODUCT ----------					
	20	01	5463.1	19.42	4402.	6524.	5399.7	20.58	4289.	6511.
					-------- AGGREGATED BY UNIT OF MEASURE --------					
		01	5463.1	19.42	4402.	6524.	5399.7	20.58	4289.	6511.
					---------- AGGREGATED BY STRATA ----------					
1		01	5463.1	19.42	4402.	6524.	5399.7	20.58	4289.	6511.

* UOM DETERMINES VALUES USED IN CALCULATION UNDER VOLUME

* UOM DETERMINES VALUES USED IN CALCULATION UNDER VOLUME

DS1: ERROR TERM, VOLUME AND CONFIDENCE INTERVAL
TOTAL VOLUME AGGREGATED BY PRODUCT
FOR PRIMARY, SECONDARY AND RECOVERED PRODUCTS
CRUISE#: 1 SALE#: 1
SALENAME: Bug Kill 2016 VERSION: 03.14.2012
RUN DATE & TIME: 03-11-2016 08:05:33 VOLUME LIBRARY VERSION: 03.05.2012

STRATA	PRODUCT	UOM	TOTAL GROSS VOLUME VOLUME*	ERROR	95% CONFIDENCE INTERVAL FROM	TO	TOTAL NET VOLUME VOLUME*	ERROR	95% CONFIDENCE INTERVAL FROM	TO
					AGGREGATED BY PRODUCT					
	01	01	285108.5	26.53	209477.	360740.	185607.0	27.79	134030.	237184.
	20	01	5463.1	19.42	4402.	6524.	5399.7	20.58	4289.	6511.
					AGGREGATED BY UNIT OF MEASURE					
		01	290571.5	26.03	214933.	366210.	191006.8	27.01	139418.	242596.
					AGGREGATED BY STRATA					
1		01	290571.5	26.03	214933.	366210.	191006.8	27.01	139418.	242596.

* FOR SECONDARY PRODUCT, IF PRIMARY PRODUCT UNIT OF MEASURE IS BOARD FOOT, THEN CUBIC FOOT VOLUME IS USED FOR SECONDARY PRODUCT.

* UOM DETERMINES VALUES USED IN CALCULATION UNDER VOLUME

FOR CUT TREES ONLY
CRUISE#: 1 SALE#: 1
SALENAME: Bug Kill 2016 VERSION: 03.14.2012
RUN DATE & TIME: 03-11-2016 08:05:33 VOLUME LIBRARY VERSION: 03.05.2012

TABLE 1 - REPORT FOR SPECIES: IC
PRODUCT: 01

LOG DIB CLASS	# OF LOGS	GROSS BDFT	NET BDFT	GROSS CUFT	NET CUFT
8	1.0	20.0	20.0	5.4	5.4
9	1.0	30.0	15.0	6.1	3.0
10	1.0	40.0	40.0	9.3	9.3
12	2.0	130.0	129.0	26.2	26.0
15	1.0	140.0	137.0	25.6	25.1
TOTALS	6.0	360.0	341.0	72.6	68.8

FOR CUT TREES ONLY
CRUISE#: 1 SALE#: 1
SALENAME: Bug Kill 2016 VERSION: 03.14.2012
RUN DATE & TIME: 03-11-2016 08:05:33 VOLUME LIBRARY VERSION: 03.05.2012

TABLE 2 - REPORT FOR SPECIES: PP
PRODUCT: 01

LOG DIB CLASS	# OF LOGS	GROSS BDFT	NET BDFT	GROSS CUFT	NET CUFT
8	12.7	253.3	190.0	70.3	53.8
9	19.0	633.3	532.0	170.4	146.3
11	12.7	506.6	354.6	126.0	91.2
12	44.3	2976.5	2248.2	592.8	449.0
13	44.3	3229.8	2248.2	609.9	428.7
14	31.7	2976.5	2159.6	570.0	409.1
15	63.3	6903.0	4806.7	1150.1	806.8
16	31.7	4559.8	3350.2	746.0	544.0
17	50.7	8486.2	5623.7	1388.2	915.8
18	50.7	10132.8	7865.6	1578.8	1222.9
19	25.3	6079.7	4661.1	911.3	704.2
20	44.3	12159.4	8448.2	1715.0	1190.0
21	44.3	13172.6	8644.5	1943.6	1272.3
22	25.3	8359.6	4838.4	1186.2	689.0
23	31.7	12032.7	9645.2	1623.8	1296.4
24	57.0	22798.8	12362.0	3156.4	1715.6
25	19.0	8739.5	6174.7	1138.0	802.4
26	57.0	28498.5	17035.8	3602.2	2159.6
27	19.0	10449.5	6922.0	1285.6	848.0
28	31.7	18365.7	10025.1	2345.1	1286.9
29	31.7	19315.7	12634.3	2473.7	1625.7
31	19.0	13489.3	7871.9	1699.8	991.7
32	12.7	9372.8	7403.3	1223.5	963.2
33	6.3	4939.7	2862.5	639.6	371.1
34	12.7	10132.8	7802.3	1335.6	1024.7
35	6.3	5573.0	3508.5	737.8	464.8
36	6.3	5826.4	3438.8	757.4	447.1
38	12.7	13552.6	8264.6	1682.0	1026.6
40	6.3	7599.6	4787.7	906.9	571.2
TOTALS	829.6	271115.7	176709.7	37366.0	24518.2

FOR CUT TREES ONLY
CRUISE#: 1 SALE#: 1
SALENAME: Bug Kill 2016 VERSION: 03.14.2012
RUN DATE & TIME: 03-11-2016 08:05:33 VOLUME LIBRARY VERSION: 03.05.2012

TABLE 3 - REPORT FOR SPECIES: SP
PRODUCT: 01

LOG DIB CLASS	# OF LOGS	GROSS BDFT	NET BDFT	GROSS CUFT	NET CUFT
12	6.3	316.7	183.7	58.9	34.2
14	6.3	443.3	259.7	77.9	45.0
16	6.3	1013.3	589.0	170.4	98.8
19	6.3	1519.9	880.3	221.7	128.6
21	6.3	1899.9	1101.9	281.2	163.4
24	6.3	2533.2	1469.3	345.8	200.8
26	6.3	3166.5	1836.6	403.4	233.7
TOTALS	44.3	10892.8	6320.3	1559.2	904.4

FOR CUT TREES ONLY
CRUISE#: 1 SALE#: 1
SALENAME: Bug Kill 2016 VERSION: 03.14.2012
RUN DATE & TIME: 03-11-2016 08:05:33 VOLUME LIBRARY VERSION: 03.05.2012

TABLE 4 - REPORT FOR SPECIES: WF
PRODUCT: 01

LOG DIB CLASS	# OF LOGS	GROSS BDFT	NET BDFT	GROSS CUFT	NET CUFT
9	1.0	30.0	29.0	5.5	5.3
11	1.0	40.0	38.0	10.4	10.0
13	1.0	100.0	93.0	20.0	18.6
14	1.0	110.0	106.0	21.2	20.4
17	2.0	360.0	340.0	60.3	57.0
19	1.0	240.0	115.0	33.2	15.9
21	1.0	300.0	279.0	44.4	41.3
24	1.0	400.0	372.0	56.9	52.9
27	1.0	550.0	512.0	68.5	63.7
29	1.0	610.0	352.0	76.0	43.8
TOTALS	11.0	2740.0	2236.0	396.4	328.9

TC58: STAND TABLE FOR SALE 1 -- NET BDFT VOLUME
FOR PRIMARY PRODUCT ONLY - BY 1" DIAMETER CLASS
(5-inch class = 4.6 - 5.5 inches; 9-inch class = 8.6 - 9.5 inches, and so on.)
CRUISE#: 1 SALE#: 1
SALENAME: Bug Kill 2016 VERSION: 03.14.2012
RUN DATE & TIME: 03-11-2016 08:05:33 VOLUME LIBRARY VERSION: 03.05.2012

SPEC PROD U OF M	IC 01 01	PP 01 01	SP 01 01	WF 01 01	TOTALS
1-3	0	0	0	0	0
4	0	0	0	0	0
5	0	0	0	0	0
6	0	0	0	0	0
7	0	0	0	0	0
8	0	0	0	0	0
9	0	0	0	0	0
10	0	0	0	0	0
11	0	0	0	0	0
12	0	0	0	0	0
13	0	0	0	0	0
14	0	0	0	0	0
15	0	0	0	0	0
16	0	0	0	0	0
17	0	0	0	0	0
18	140	0	0	0	140
19	0	0	0	0	0
20	0	0	0	0	0
21	0	3065	0	0	3065
22	0	0	0	0	0
23	201	2312	0	461	2974
24	0	7904	0	0	7904
25	0	0	0	0	0
26	0	0	0	0	0
27	0	0	0	0	0
28	0	0	0	0	0
29	0	7574	0	0	7574
30	0	7087	0	0	7087
31	0	13654	6320	0	19974
32	0	13863	0	0	13863
33	0	11032	0	0	11032
34	0	7631	0	0	7631
35	0	18651	0	1775	20426
36	0	0	0	0	0
37	0	10620	0	0	10620
38	0	0	0	0	0
39	0	0	0	0	0
40	0	33552	0	0	33552
41	0	0	0	0	0
42	0	0	0	0	0

TC58: STAND TABLE FOR SALE 1 -- NET BDFT VOLUME
FOR PRIMARY PRODUCT ONLY - BY 1" DIAMETER CLASS
(5-inch class = 4.6 - 5.5 inches; 9-inch class = 8.6 - 9.5 inches, and so on.)
CRUISE#: 1 SALE#: 1
SALENAME: Bug Kill 2016 VERSION: 03.14.2012
RUN DATE & TIME: 03-11-2016 08:05:33 VOLUME LIBRARY VERSION: 03.05.2012

SPEC	IC	PP	SP	WF	
PROD	01	01	01	01	
U OF M	01	01	01	01	TOTALS
43	0	0	0	0	0
44	0	0	0	0	0
45	0	18904	0	0	18904
46	0	0	0	0	0
47	0	0	0	0	0
48	0	20861	0	0	20861
TOTALS	341	176710	6320	2236	185607

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UNIT	SPECIES	TOTAL EST. # OF TREES	EST. # OF TREES	SAWTIMBER (PROD = 01 UM = 01, 03) ** GROSS VOLUME ** BDFT	CUFT	** NET VOLUME ** BDFT	CUFT	NON-SAWTIMBER (PROD NOT = 01 UM = 01, 02, 03) (AND ALL SECONDARY & RECOVERED PRODUCT VOLUMES) *** GROSS *** BDFT	CUFT	*** NET *** BDFT	CUFT	CORDS
1	IC	0	0	0	0	0	0	0	0	0	0	0.00
1	PP	39	39	83577	11519	54474	7558	1581	490	1562	483	0.00
1	SP	2	2	3358	481	1948	279	78	26	78	26	0.00
1	WF	0	0	0	0	0	0	0	0	0	0	0.00
UNIT 1	TOTAL	41	41	86935	11999	56423	7837	1659	517	1640	509	0.00
19	IC	0	0	0	0	0	0	0	0	0	0	0.00
19	PP	5	5	10192	1405	6643	922	193	60	190	59	0.00
19	SP	0	0	410	59	238	34	10	3	10	3	0.00
19	WF	0	0	0	0	0	0	0	0	0	0	0.00
UNIT 19	TOTAL	5	5	10602	1463	6881	956	202	63	200	62	0.00
2	IC	0	0	0	0	0	0	0	0	0	0	0.00
2	PP	10	10	20385	2809	13286	1843	386	120	381	118	0.00
2	SP	0	0	819	117	475	68	19	6	19	6	0.00
2	WF	0	0	0	0	0	0	0	0	0	0	0.00
UNIT 2	TOTAL	10	10	21204	2927	13762	1911	405	126	400	124	0.00
229	IC	1	1	180	36	171	34	15	5	15	5	0.00
229	PP	8	8	16308	2248	10629	1475	309	96	305	94	0.00
229	SP	0	0	655	94	380	54	15	5	15	5	0.00
229	WF	0	0	0	0	0	0	0	0	0	0	0.00
UNIT 229	TOTAL	9	9	17143	2378	11180	1564	339	105	335	104	0.00
3	IC	1	1	180	36	171	34	15	5	15	5	0.00
3	PP	11	11	24462	3371	15944	2212	463	144	457	141	0.00
3	SP	1	1	983	141	570	82	23	8	23	8	0.00
3	WF	0	0	0	0	0	0	0	0	0	0	0.00

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UNIT	SPECIES	TOTAL EST. # OF TREES	EST. # OF TREES	SAWTIMBER (PROD = 01 UM = 01, 03) ** GROSS VOLUME ** BDFT	CUFT	** NET VOLUME ** BDFT	CUFT	NON-SAWTIMBER (PROD NOT = 01 UM = 01, 02, 03) (AND ALL SECONDARY & RECOVERED PRODUCT VOLUMES) *** GROSS *** BDFT	CUFT	*** NET *** BDFT	CUFT	CORDS
UNIT 3	TOTAL	13	13	25624	3548	16684	2328	501	156	495	154	0.00
36	IC	0	0	0	0	0	0	0	0	0	0	0.00
36	PP	15	15	32615	4495	21258	2950	617	191	609	188	0.00
36	SP	1	1	1310	188	760	109	30	10	30	10	0.00
36	WF	2	2	2740	396	2236	329	50	18	50	18	0.00
UNIT 36	TOTAL	18	18	36666	5079	24255	3387	698	220	690	217	0.00
4	IC	0	0	0	0	0	0	0	0	0	0	0.00
4	PP	10	10	20385	2809	13286	1843	386	120	381	118	0.00
4	SP	0	0	819	117	475	68	19	6	19	6	0.00
4	WF	0	0	0	0	0	0	0	0	0	0	0.00
UNIT 4	TOTAL	10	10	21204	2927	13762	1911	405	126	400	124	0.00
922	IC	0	0	0	0	0	0	0	0	0	0	0.00
922	PP	30	30	63192	8709	41188	5715	1196	371	1181	365	0.00
922	SP	1	1	2539	363	1473	211	59	20	59	20	0.00
922	WF	0	0	0	0	0	0	0	0	0	0	0.00
UNIT 922	TOTAL	31	31	65731	9073	42661	5926	1255	391	1240	385	0.00

S U B T O T A L S	SPECIES	TOT EST # OF TREES	EST # OF TREES	SAWTIMBER ** GROSS VOLUME ** BDFT	CUFT	** NET VOLUME ** BDFT	CUFT	NON-SAWTIMBER GROSS BDFT	GROSS CUFT	NET BDFT	NET CUFT	CORDS
	IC	2	2	360	73	341	69	30	9	30	9	0.00
	PP	127	127	271116	37366	176710	24518	5130	1591	5066	1566	0.00
	SP	6	6	10893	1559	6320	904	253	85	253	85	0.00
	WF	2	2	2740	396	2236	329	50	18	50	18	0.00
OVERALL TOTALS--		137	137	285108	39394	185607	25820	5463	1704	5400	1678	0.00

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	S P E C I E S	TOTAL EST. # OF TREES	EST. # OF TREES	SAWTIMBER (PROD = 01 UM = 01, 03) ** GROSS VOLUME ** BDFT	CUFT	** NET VOLUME ** BDFT	CUFT	NON-SAWTIMBER (PROD NOT = 01 UM = 01, 02, 03) (AND ALL SECONDARY & RECOVERED PRODUCT VOLUMES) *** GROSS *** BDFT	CUFT	*** NET *** BDFT	CUFT	CORDS
U N I T												

* FOR TREE-BASED SAMPLES, THE CUTTING UNIT VOLUME IS BASED ON THE # OF TREES TALLIED OR THE SUM OF KPIS THAT FALL WITHIN THE CUTTING UNIT. FOR AREA-BASED SAMPLES, THE CUTTING UNIT VOLUME IS BASED ON AN AVERAGE VOLUME PER ACRE AT THE STRATA LEVEL TIMES THE NUMBER OF ACRES IN THE CUTTING UNIT.
*R = RECOVERED VOLUME ADDED TO NET SECONDARY VOLUME.
*FOR CRUISE METHOD 3P ONLY, THE COLUMN Est. # of Trees for sawtimber WILL SHOW ZERO INSTEAD OF ACTUAL TALLY.

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CRUISE SPECIES	CONTRACT SPECIES	PRODUCT	GROSS CUFT	(1) WEIGHT FACTOR	(2) POUNDS STANDING	(3) PERCENT REMOVED	(4) POUNDS REMOVED	(5) TONS REMOVED
IC		01 P	42	58.00	2436	100.00	2436	1.22
IC		20 S	4	105.00	420	100.00	420	0.21
PP		01 P	9759	68.00	663612	100.00	663612	331.81
PP		20 S	445	93.00	41385	100.00	41385	20.69
WF		01 P	396	69.00	27324	100.00	27324	13.66
WF		20 S	18	110.00	1980	100.00	1980	0.99

SUMMARY

CONTRACT SPECIES	PRODUCT	TONS REMOVED
	01 P	346.69
	20 S	21.89
TOTAL TONS REMOVED		368.58

(1) WEIGHT FACTOR = POUNDS PER GROSS CUFT
(2) POUNDS STANDING = GROSS CUFT x WEIGHT FACTOR
(3) PERCENT REMOVED = % MATERIAL HAULED OUT ON TRUCKS
(4) POUNDS REMOVED = POUNDS STANDING x (PERCENT REMOVED/100)
(5) TONS REMOVED = POUNDS REMOVED / 2,000

WARNING: NO WEIGHT EQUATION MATCH FOR DEAD TREES FOUND -- NO WEIGHT CALCULATED.

STRATA	CUTTING UNIT	PLOT	TREE	WARNING MESSAGE
234	-			No weight equation for dead trees
234	-			No weight equation for dead trees
234	-			No weight equation for dead trees
234	-			No weight equation for dead trees
234	-			No weight equation for dead trees
234	-			No weight equation for dead trees
234	-			No weight equation for dead trees
234	-			No weight equation for dead trees
234	-			No weight equation for dead trees
234	-			No weight equation for dead trees
234	-			No weight equation for dead trees
234	-			No weight equation for dead trees
234	-			No weight equation for dead trees
234	-			No weight equation for dead trees
234	-			No weight equation for dead trees