CRUISE REPORT HEADER & CERTIFICATION
CRUISE#: 00017 SALE#: 09401
SALENAME: Toto2
RUN DATE & TIME: 08-07-2008 08:35:33

Year: 2005 Region: 01 Forest: 4 District: 4
FILENAME: c:_00017.crz
REPORTS: A11,CS1,DS1,R101,UC3,UC5,

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

I certify that the timber for the Toto2 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,

St. Joe RD
RANGER DISTRICT

St. maries, ID.
(name of headquarters town)

Charles Mark
DISTRICT RANGER

9/9/08
DATE

****

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

VERSION: 10.17.2005
VOLUME LIBRARY VERSION: 06.23.2005
NATIONAL CRUISE PROCESSING PROGRAM

VOLUME EQUATION TABLE
CRUISE#: 00017 SALE#: 09401
SALENAME: Toto2
RUN DATE & TIME: 08-07-2008 08:35:33

VERSION: 10.17.2005
VOLUME LIBRARY VERSION: 06.23.2005

SPECIES	PROD	VOLUME EQUATION	STUMP HEIGHT	TOTAL CUBIC VOLUME	PRIMARY PRODUCT ******* MIN TOP DIB	BDFT	CUFT	CORDS	SECONDARY PRODUCT ****** MIN TOP DIB	BDFT	CUFT	CORDS	Z SCORE
L	01	I00FW2W073	1.0	NO	5.6	YES	YES	NO	4.0	YES	YES	NO	0.000
LP	01	I00FW2W108	1.0	NO	5.6	YES	YES	NO	4.0	YES	YES	NO	0.000
DF	01	I00FW2W202	1.0	NO	5.6	YES	YES	NO	4.0	YES	YES	NO	0.000
WP	01	I00FW2W119	1.0	NO	5.6	YES	YES	NO	4.0	YES	YES	NO	0.000
S	01	I00FW2W093	1.0	NO	5.6	YES	YES	NO	4.0	YES	YES	NO	0.000
GF	01	I00FW2W017	1.0	NO	5.6	YES	YES	NO	4.0	YES	YES	NO	0.000
AF	01	I00FW2W019	1.0	NO	5.6	YES	YES	NO	4.0	YES	YES	NO	0.000
MH	01	I00FW2W260	1.0	NO	5.6	YES	YES	NO	4.0	YES	YES	NO	0.000
C	01	I00FW2W242	1.0	NO	5.6	YES	YES	NO	4.0	YES	YES	NO	0.000
WB	01	102DVEW101	1.0	NO	4.0	YES	YES	NO	4.0	YES	YES	NO	0.000
QA	01	102DVEW746	1.0	NO	4.0	YES	YES	NO	4.0	YES	YES	NO	0.000
CW	01	102DVEW740	1.0	NO	4.0	YES	YES	NO	4.0	YES	YES	NO	0.000
PP	02	I00FW2W122	1.0	NO	4.0	YES	YES	YES	4.0	YES	YES	YES	0.000
L	02	I00FW2W073	1.0	NO	4.0	YES	YES	YES	4.0	YES	YES	YES	0.000
LP	02	I00FW2W108	1.0	NO	4.0	YES	YES	YES	4.0	YES	YES	YES	0.000
DF	02	I00FW2W202	1.0	NO	4.0	YES	YES	YES	4.0	YES	YES	YES	0.000
WP	02	I00FW2W119	1.0	NO	4.0	YES	YES	YES	4.0	YES	YES	YES	0.000
S	02	I00FW2W093	1.0	NO	4.0	YES	YES	YES	4.0	YES	YES	YES	0.000
GF	02	I00FW2W017	1.0	NO	4.0	YES	YES	YES	4.0	YES	YES	YES	0.000
AF	02	I00FW2W019	1.0	NO	4.0	YES	YES	YES	4.0	YES	YES	YES	0.000
MH	02	I00FW2W260	1.0	NO	4.0	YES	YES	YES	4.0	YES	YES	YES	0.000
C	02	I00FW2W242	1.0	NO	4.0	YES	YES	YES	4.0	YES	YES	YES	0.000
WB	02	102DVEW101	1.0	NO	4.0	YES	YES	YES	4.0	YES	YES	YES	0.000
QA	02	102DVEW746	1.0	NO	4.0	YES	YES	YES	4.0	YES	YES	YES	0.000
CW	02	102DVEW740	1.0	NO	4.0	YES	YES	YES	4.0	YES	YES	YES	0.000
PP	06	I00FW2W122	1.0	NO	3.0	YES	YES	YES	3.0	YES	YES	YES	0.000
L	06	I00FW2W073	1.0	NO	3.0	YES	YES	YES	3.0	YES	YES	YES	0.000
LP	06	I00FW2W108	1.0	NO	3.0	YES	YES	YES	3.0	YES	YES	YES	0.000
DF	06	I00FW2W202	1.0	NO	3.0	YES	YES	YES	3.0	YES	YES	YES	0.000
WP	06	I00FW2W119	1.0	NO	3.0	YES	YES	YES	3.0	YES	YES	YES	0.000
S	06	I00FW2W093	1.0	NO	3.0	YES	YES	YES	3.0	YES	YES	YES	0.000
GF	06	I00FW2W017	1.0	NO	3.0	YES	YES	YES	3.0	YES	YES	YES	0.000
AF	06	I00FW2W019	1.0	NO	3.0	YES	YES	YES	3.0	YES	YES	YES	0.000
MH	06	I00FW2W260	1.0	NO	3.0	YES	YES	YES	3.0	YES	YES	YES	0.000
C	06	I00FW2W242	1.0	NO	3.0	YES	YES	YES	3.0	YES	YES	YES	0.000
WB	06	102DVEW101	1.0	NO	4.0	YES	YES	YES	4.0	YES	YES	YES	0.000
QA	06	102DVEW746	1.0	NO	4.0	YES	YES	YES	4.0	YES	YES	YES	0.000
CW	06	102DVEW740	1.0	NO	4.0	YES	YES	YES	4.0	YES	YES	YES	0.000
PP	08	I00FW2W122	1.0	NO	3.0	YES	YES	YES	3.0	YES	YES	YES	0.000
L	08	I00FW2W073	1.0	NO	3.0	YES	YES	YES	3.0	YES	YES	YES	0.000

VOLUME EQUATION TABLE
CRUISE#: 00017 SALE#: 09401
SALENAME: Toto2
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SPECIES	PROD	VOLUME EQUATION	STUMP HEIGHT	TOTAL CUBIC VOLUME	PRIMARY PRODUCT ******* MIN TOP DIB	BDFT	CUFT	CORDS	SECONDARY PRODUCT ****** MIN TOP DIB	BDFT	CUFT	CORDS	Z SCORE
LP	08	I00FW2W108	1.0	NO	3.0	YES	YES	YES	3.0	YES	YES	YES	0.000
DF	08	I00FW2W202	1.0	NO	3.0	YES	YES	YES	3.0	YES	YES	YES	0.000
WP	08	I00FW2W119	1.0	NO	3.0	YES	YES	YES	3.0	YES	YES	YES	0.000
S	08	I00FW2W093	1.0	NO	3.0	YES	YES	YES	3.0	YES	YES	YES	0.000
GF	08	I00FW2W017	1.0	NO	3.0	YES	YES	YES	3.0	YES	YES	YES	0.000
AF	08	I00FW2W019	1.0	NO	3.0	YES	YES	YES	3.0	YES	YES	YES	0.000
MH	08	I00FW2W260	1.0	NO	3.0	YES	YES	YES	3.0	YES	YES	YES	0.000
C	08	I00FW2W242	1.0	NO	3.0	YES	YES	YES	3.0	YES	YES	YES	0.000
WB	08	102DVEW101	1.0	NO	4.0	YES	YES	YES	4.0	YES	YES	YES	0.000
QA	08	102DVEW746	1.0	NO	4.0	YES	YES	YES	4.0	YES	YES	YES	0.000
CW	08	102DVEW740	1.0	NO	4.0	YES	YES	YES	4.0	YES	YES	YES	0.000
PP	01	I00FW2W122	1.0	NO	5.6	YES	YES	NO	4.0	YES	YES	NO	0.000

WEIGHT EQUATION TABLE
CRUISE#: 00017 SALE#: 09401
SALENAME: Toto2
RUN DATE & TIME: 08-07-2008 08:35:33

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SPECIES	PRODUCT	EQUATION	LIVE/DEAD CODE	WEIGHT FACTOR	PERCENT REMOVED
PP	01	GENPP004	L	66.0000	0.9900
PP	02	GENPP004	L	0.0000	0.0000
PP	06	GENPP004	L	85.0000	0.9300
PP	08	GENPP004	L	0.0000	0.0000
L	02	GENPP004	L	0.0000	0.0000
L	06	GENPP004	L	78.0000	0.9500
L	08	GENPP004	L	78.0000	0.9500
LP	01	GENPP004	L	56.0000	0.9800
LP	06	GENPP004	L	70.0000	0.9800
LP	08	GENPP004	L	70.0000	0.9800
DF	02	GENPP004	L	0.0000	0.0000
DF	06	GENPP004	L	78.0000	0.9400
DF	08	GENPP004	L	60.0000	0.9400
WP	01	GENPP004	L	52.0000	0.9800
WP	06	GENPP004	L	0.0000	0.0000
WP	08	GENPP004	L	52.0000	0.9800
S	02	GENPP004	L	0.0000	0.0000
S	06	GENPP004	L	0.0000	0.0000
S	08	GENPP004	L	56.0000	0.9900
GF	01	GENPP004	L	65.0000	0.9400
GF	02	GENPP004	L	0.0000	0.0000
GF	08	GENPP004	L	65.0000	0.9400
AF	02	GENPP004	L	0.0000	0.0000
AF	06	GENPP004	L	0.0000	0.0000
AF	08	GENPP004	L	53.0000	0.9700
MH	01	GENPP004	L	62.5000	0.9800
MH	02	GENPP004	L	0.0000	0.0000
MH	08	GENPP004	L	62.5000	0.9800
C	01	GENPP004	L	43.0000	0.9600
C	06	GENPP004	L	0.0000	0.0000
C	08	GENPP004	L	43.0000	0.9600
WB	01	GENPP004	L	0.0000	0.0000
WB	02	GENPP004	L	0.0000	0.0000
WB	06	GENPP004	L	0.0000	0.0000
QA	02	GENPP004	L	0.0000	0.0000
QA	06	GENPP004	L	0.0000	0.0000
QA	08	GENPP004	L	0.0000	0.0000
CW	01	GENPP004	L	0.0000	0.0000
CW	06	GENPP004	L	0.0000	0.0000
CW	08	GENPP004	L	0.0000	0.0000
L	01	GENPP004	L	63.0000	0.9500
DF	01	GENPP004	L	60.0000	0.9400
S	01	GENPP004	L	56.0000	0.9900

WEIGHT EQUATION TABLE
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SPECIES	PRODUCT	EQUATION	LIVE/DEAD CODE	WEIGHT FACTOR	PERCENT REMOVED
AF	01	GENPP004	L	53.0000	0.9700
C	02	GENPP004	L	0.0000	0.0000
WB	08	GENPP004	L	0.0000	0.0000
CW	02	GENPP004	L	0.0000	0.0000
LP	02	GENPP004	L	0.0000	0.0000
WP	02	GENPP004	L	0.0000	0.0000
GF	06	GENPP004	L	0.0000	0.0000
MH	06	GENPP004	L	0.0000	0.0000
QA	01	GENPP004	L	0.0000	0.0000

CS1: VOLUME SUMMARY FOR STRATA
FOR CUT TREES ONLY
CRUISE#: 00017 SALE#: 09401
SALENAME: Toto2
RUN DATE & TIME: 08-07-2008 08:35:34

VERSION: 10.17.2005
VOLUME LIBRARY VERSION: 06.23.2005

STRATA	PRODUCT	PRODUCT SOURCE	UOF	# OF TREES MEASURED	# OF TREES TALLIED	QUAD MEAN DBH	MEAN DBH	MEAN TOT HT	# OF 8,16 OR 32-FT LOGS	AVE DEF % BDFT	AVE DEF % CUFT	GROSS BDFT CUFT RATIO	NET BDFT CUFT RATIO	EST. # OF TREES	STRATA LEVEL VOLUME GROSS BDFT	STRATA LEVEL VOLUME GROSS CUFT	STRATA LEVEL VOLUME NET BDFT	STRATA LEVEL VOLUME NET CUFT	CORDS
1	01	P	03	1	478	12.9	12.9	88.0	71	4	4	5.280	5.294	18	3096	586	2950	557	0.0
1	01	P	03	703	9584	11.0	10.7	85.8	31851	8	8	5.237	5.242	10044	1100016	210034	1008062	192315	0.0
1	08	S	03						6967						0	15556	0	15556	0.0
2	08	P	03	188	188	5.8	5.8	49.5	7119	3	4	7.041	7.127	5656	105004	14914	101003	14171	93.3

TOTALS ------

PRODUCT	PRODUCT SOURCE	QUAD MEAN DBH	MEAN DBH	MEAN TOT HT	# OF LOGS	GROSS BF/CF RATIO	NET BF/CF RATIO	EST. # OF TREES	VOLUME GROSS BDFT	VOLUME GROSS CUFT	VOLUME NET BDFT	VOLUME NET CUFT	CORDS
01	P	11.0	10.7	85.8	31922	5.2374	5.2419	10062	1103112	210620	1011011	192872	0.0
08	S				6967					15556		15556	
08	P	5.8	5.8	49.5	7119	7.0405	7.1274	5656	105004	14914	101003	14171	93.3
		9.5	8.9	72.7	46008	5.0111	4.9956	15718	1208116	241090	1112014	222599	93.3

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.

DS1: ERROR TERM, VOLUME AND CONFIDENCE INTERVAL
PRIMARY PRODUCT VOLUME
FOR CUT TREES ONLY
CRUISE#: 00017 SALE#: 09401
SALENAME: Toto2
RUN DATE & TIME: 08-07-2008 08:35:34

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STRATA	PROD CT	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	03	210620.3	5.25	199563.	221677.	192872.2	5.26	182728.	203017.
2	08	03	14914.2	25.84	11060.	18769.	14171.1	25.78	10517.	17825.
					---------- AGGREGATED BY PRODUCT ----------					
	01	03	210620.3	5.25	199563.	221677.	192872.2	5.26	182728.	203017.
	08	03	14914.2	25.84	11060.	18769.	14171.1	25.78	10517.	17825.
					-------- AGGREGATED BY UNIT OF MEASURE --------					
		03	225534.5	5.19	213825.	237244.	207043.3	5.21	196261.	217826.
					---------- AGGREGATED BY STRATA ----------					
1		03	210620.3	5.25	199563.	221677.	192872.2	5.26	182728.	203017.
2		03	14914.2	25.84	11060.	18769.	14171.1	25.78	10517.	17825.

DS1: ERROR TERM, VOLUME AND CONFIDENCE INTERVAL
SECONDARY PRODUCT VOLUME
FOR CUT TREES ONLY
CRUISE#: 00017 SALE#: 09401
SALENAME: Toto2
RUN DATE & TIME: 08-07-2008 08:35:34

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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	08	03	15555.8	3.47	15015.	16096.	15555.8	3.47	15015.	16096.
					---------- AGGREGATED BY PRODUCT ----------					
	08	03	15555.8	3.47	15015.	16096.	15555.8	3.47	15015.	16096.
					-------- AGGREGATED BY UNIT OF MEASURE --------					
		03	15555.8	3.47	15015.	16096.	15555.8	3.47	15015.	16096.
					---------- AGGREGATED BY STRATA ----------					
1		03	15555.8	3.47	15015.	16096.	15555.8	3.47	15015.	16096.

DS1: ERROR TERM, VOLUME AND CONFIDENCE INTERVAL
TOTAL VOLUME AGGREGATED BY PRODUCT
FOR PRIMARY, SECONDARY AND RECOVERED PRODUCTS
CRUISE#: 00017 SALE#: 09401
SALENAME: Toto2
RUN DATE & TIME: 08-07-2008 08:35:34

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VOLUME LIBRARY VERSION: 06.23.2005

STRATA	PRODUCT	UOM	TOTAL GROSS VOLUME VOLUME	TOTAL GROSS VOLUME ERROR	95% CONFIDENCE INTERVAL FROM	95% CONFIDENCE INTERVAL TO	TOTAL NET VOLUME VOLUME	TOTAL NET VOLUME ERROR	95% CONFIDENCE INTERVAL FROM	95% CONFIDENCE INTERVAL TO
					AGGREGATED BY PRODUCT					
	01	03	210620.3	5.25	199563.	221677.	192872.2	5.26	182728.	203017.
	08	03	30470.1	12.77	26578.	34362.	29726.9	12.43	26033.	33421.
					AGGREGATED BY UNIT OF MEASURE					
		03	241090.3	4.86	229368.	252812.	222599.1	4.85	211803.	233395.
					AGGREGATED BY STRATA					
1		03	226176.1	4.89	215106.	237246.	208428.1	4.87	198269.	218587.
2		03	14914.2	25.84	11060.	18769.	14171.1	25.78	10517.	17825.

R101: VOLUME SUMMARY BY PRODUCT AND CONTRACT SPECIES
FOR CUT TREES ONLY
CRUISE#: 00017 SALE#: 09401
SALENAME: Toto2
RUN DATE & TIME: 08-07-2008 08:35:34

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CONTR SPEC	SPECIES	PROD CT	UOM	AVGDEF % BDFT	AVGDEF % CUFT	GROSS BDFT CUFT RATIO	NET BDFT CUFT RATIO	AVG DBH	PRIMARY PRODUCT / CONTRACT SPECIES: ** GROSS VOLUME ** BDFT	CUFT	** NET VOLUME ** BDFT	CUFT	16'LOGS GROSS CCF	16'LOGS GROSS MBF
1	C	01	03	7	7	4.5384	4.5471	9.1	24768	5457	23016	5062	18.8	41.5
	PRODUCT	01	TOTAL	7	7	4.5384	4.5471	9.1	24768	5457	23016	5062	18.8	41.5
CONTR SPEC 1			TOTAL	7	7	4.5384	4.5471	9.1	24768	5457	23016	5062	18.8	41.5
2	C	01	03	5	7	4.3478	4.4186	7.9	208	48	197	45	24.5	56.2
2	DF	01	03	10	10	5.1464	5.1474	11.1	542352	105384	490714	95332	15.6	30.3
2	L	01	03	9	9	5.0494	5.0394	8.9	33112	6557	30195	5992	22.5	44.5
	PRODUCT	01	TOTAL	9	9	5.1404	5.1407	10.8	575671	111989	521106	101368	16.0	31.1
CONTR SPEC 2			TOTAL	9	9	5.1404	5.1407	10.8	575671	111989	521106	101368	16.0	31.1
3	C	01	03	10	10	4.9383	4.9315	8.4	728	147	656	133	23.1	46.9
3	GF	01	03	7	7	5.4012	5.4073	10.8	496698	91961	461400	85328	13.9	25.7
3	LP	01	03	8	8	4.9813	4.9762	13.0	2560	514	2342	471	11.8	23.8
3	MH	01	03	7	7	4.8742	4.8853	9.9	2686	551	2491	510	15.7	32.3
	PRODUCT	01	TOTAL	7	7	5.3950	5.4012	10.8	502673	93174	466890	86442	13.9	25.8
CONTR SPEC 3			TOTAL	7	7	5.3950	5.4012	10.8	502673	93174	466890	86442	13.9	25.8
4	C	08	03	3	5	6.8306	6.9837	5.7	22565	3304	21873	3132	48.5	71.0
4	DF	08	03	4	5	6.8852	6.9370	6.3	25273	3671	24190	3487	46.4	67.4
4	GF	08	03	4	5	7.1643	7.2407	5.5	43025	6005	41370	5714	47.8	66.7
4	L	08	03	4	5	7.5581	7.6327	6.0	11734	1552	11253	1474	49.4	65.4

R101: VOLUME SUMMARY BY PRODUCT AND CONTRACT SPECIES
FOR CUT TREES ONLY
CRUISE#: 00017 SALE#: 09401
SALENAME: Toto2
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CONTR SPEC	SPECIES	PRODUCT	UOM	AVGDEF % BDFT	AVGDEF % CUFT	GROSS BDFT CUFT RATIO	NET BDFT CUFT RATIO	AVG DBH	** GROSS VOLUME ** BDFT	CUFT	** NET VOLUME ** BDFT	CUFT	16'LOGS GROSS CCF	16'LOGS GROSS MBF
				PRIMARY PRODUCT				CONTRACT SPECIES						
4	MH	08	03	4	5	6.0976	6.1538	6.1	1504	247	1444	235	47.3	77.5
4	WP	08	03	3	4	6.6667	6.7442	6.5	903	135	873	129	44.4	66.7
	PRODUCT 08 TOTAL			4	5	7.0405	7.1274	5.8	105004	14914	101003	14171	47.7	67.8
CONTR SPEC 4 TOTAL				4	5	7.0405	7.1274	5.8	105004	14914	101003	14171	47.7	67.8
CONTRACT SPECIES TOTALS				8	8	5.3567	5.3709	8.9	1208116	225534	1112014	207043	17.3	32.3

UC3: VOLUME BY SPECIES WITHIN CUTTING UNIT FOR EACH STRATUM *
FOR CUT TREES ONLY
CRUISE#: 00017 SALE#: 09401
SALENAME: Toto2
RUN DATE & TIME: 08-07-2008 08:35:34

VERSION: 10.17.2005
VOLUME LIBRARY VERSION: 06.23.2005

STRATA	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	1A	C	163	163	6068	1339	5644	1243	0	224	0	224	0.00
1	1A	DF	1198	1198	124146	24122	112326	21821	0	1907	0	1907	0.00
1	1A	GF	477	477	67982	12592	63152	11684	0	631	0	631	0.00
1	1A	L	249	249	13298	2634	12127	2406	0	663	0	663	0.00
1	1A	LP	1	1	160	32	146	29	0	0	0	0	0.00
1	1A	MH	14	14	964	198	894	183	0	15	0	15	0.00
UNIT	1A	TOTAL	2102	2102	212619	40917	194290	37367	0	3440	0	3440	0.00
1	1B	C	512	512	19635	4313	18224	3996	0	707	0	707	0.00
1	1B	DF	4037	4037	418206	81262	378387	73511	0	6426	0	6426	0.00
1	1B	GF	3000	3000	428716	79370	398248	73645	0	3961	0	3961	0.00
1	1B	L	371	371	19813	3924	18068	3585	0	988	0	988	0.00
1	1B	LP	15	15	2400	482	2196	441	0	6	0	6	0.00
1	1B	MH	25	25	1722	353	1597	327	0	27	0	27	0.00
UNIT	1B	TOTAL	7960	7960	890493	169704	816721	155505	0	12115	0	12115	0.00
STRATA	1	TOTAL	10062	10062	1103112	210620	1011011	192872	0	15556	0	15556	0.00
2	1AA	C	340	0	0	0	0	0	4813	705	4665	668	1.93
2	1AA	DF	225	0	0	0	0	0	5390	783	5159	744	5.13
2	1AA	GF	520	0	0	0	0	0	9177	1281	8824	1219	9.63
2	1AA	L	96	0	0	0	0	0	2503	331	2400	314	2.57
2	1AA	MH	19	0	0	0	0	0	321	53	308	50	0.00
2	1AA	WP	6	0	0	0	0	0	193	29	186	28	0.64
UNIT	1AA	TOTAL	1206	0	0	0	0	0	22396	3181	21543	3023	19.89
2	1AB	C	1255	0	0	0	0	0	17752	2599	17208	2464	7.10
2	1AB	DF	828	0	0	0	0	0	19883	2888	19031	2743	18.94

UC3: VOLUME BY SPECIES WITHIN CUTTING UNIT FOR EACH STRATUM *
FOR CUT TREES ONLY
CRUISE#: 00017 SALE#: 09401
SALENAME: Toto2
RUN DATE & TIME: 08-07-2008 08:35:34

VERSION: 10.17.2005
VOLUME LIBRARY VERSION: 06.23.2005

STRATA	UNIT	SPECIES	TOTAL EST. # OF TREES	SAWTIMBER (PROD = 01 UM = 01, 03) EST. # OF TREES	** GROSS VOLUME ** BDFT	** GROSS VOLUME ** CUFT	** NET VOLUME ** BDFT	** NET VOLUME ** CUFT	NON-SAWTIMBER (PROD NOT = 01 UM = 01, 02, 03) (AND ALL SECONDARY & RECOVERED PRODUCT VOLUMES) *** GROSS *** BDFT	*** GROSS *** CUFT	*** NET *** BDFT	*** NET *** CUFT	CORDS
2	1AB	GF	1917	0	0	0	0	0	33848	4725	32546	4495	35.51
2	1AB	L	355	0	0	0	0	0	9231	1221	8853	1160	9.47
2	1AB	MH	71	0	0	0	0	0	1183	194	1136	185	0.00
2	1AB	WP	24	0	0	0	0	0	710	107	686	102	2.37
UNIT 1AB		TOTAL	4450	0	0	0	0	0	82608	11733	79460	11149	73.38
STRATA 2		TOTAL	5656	0	0	0	0	0	105004	14914	101003	14171	93.27
OVERALL TOTALS--			15718	10062	1103112	210620	1011011	192872	105004	30470	101003	29727	93.27

* 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.

UC5: VOLUME BY SPECIES WITHIN CUTTING UNIT ACROSS ALL STRATA *
FOR CUT TREES ONLY
CRUISE#: 00017 SALE#: 09401
SALENAME: Toto2
RUN DATE & TIME: 08-07-2008 08:35:34

VERSION: 10.17.2005
VOLUME LIBRARY VERSION: 06.23.2005

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
1A	C	163	163	6068	1339	5644	1243	0	224	0	224	0.00
1A	DF	1198	1198	124146	24122	112326	21821	0	1907	0	1907	0.00
1A	GF	477	477	67982	12592	63152	11684	0	631	0	631	0.00
1A	L	249	249	13298	2634	12127	2406	0	663	0	663	0.00
1A	LP	1	1	160	32	146	29	0	0	0	0	0.00
1A	MH	14	14	964	198	894	183	0	15	0	15	0.00
UNIT 1A	TOTAL	2102	2102	212619	40917	194290	37367	0	3440	0	3440	0.00
1AA	C	340	0	0	0	0	0	4813	705	4665	668	1.93
1AA	DF	225	0	0	0	0	0	5390	783	5159	744	5.13
1AA	GF	520	0	0	0	0	0	9177	1281	8824	1219	9.63
1AA	L	96	0	0	0	0	0	2503	331	2400	314	2.57
1AA	MH	19	0	0	0	0	0	321	53	308	50	0.00
1AA	WP	6	0	0	0	0	0	193	29	186	28	0.64
UNIT 1AA	TOTAL	1206	0	0	0	0	0	22396	3181	21543	3023	19.89
1AB	C	1255	0	0	0	0	0	17752	2599	17208	2464	7.10
1AB	DF	828	0	0	0	0	0	19883	2888	19031	2743	18.94
1AB	GF	1917	0	0	0	0	0	33848	4725	32546	4495	35.51
1AB	L	355	0	0	0	0	0	9231	1221	8853	1160	9.47
1AB	MH	71	0	0	0	0	0	1183	194	1136	185	0.00
1AB	WP	24	0	0	0	0	0	710	107	686	102	2.37
UNIT 1AB	TOTAL	4450	0	0	0	0	0	82608	11733	79460	11149	73.38
1B	C	512	512	19635	4313	18224	3996	0	707	0	707	0.00
1B	DF	4037	4037	418206	81262	378387	73511	0	6426	0	6426	0.00
1B	GF	3000	3000	428716	79370	398248	73645	0	3961	0	3961	0.00
1B	L	371	371	19813	3924	18068	3585	0	988	0	988	0.00
1B	LP	15	15	2400	482	2196	441	0	6	0	6	0.00
1B	MH	25	25	1722	353	1597	327	0	27	0	27	0.00

UC5: VOLUME BY SPECIES WITHIN CUTTING UNIT ACROSS ALL STRATA *
FOR CUT TREES ONLY
CRUISE#: 00017 SALE#: 09401
SALENAME: Toto2
RUN DATE & TIME: 08-07-2008 08:35:34

VERSION: 10.17.2005
VOLUME LIBRARY VERSION: 06.23.2005

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 1B	TOTAL	7960	7960	890493	169704	816721	155505	0	12115	0	12115	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
C	2269	674	25704	5653	23869	5239	22565	4234	21873	4062	9.03
DF	6288	5235	542352	105384	490714	95332	25273	12004	24190	11820	24.07
GF	5915	3478	496698	91961	461400	85328	43025	10598	41370	10306	45.13
L	1071	620	33112	6557	30195	5992	11734	3203	11253	3125	12.03
LP	16	16	2560	514	2342	471	0	6	0	6	0.00
MH	129	39	2686	551	2491	510	1504	290	1444	278	0.00
WP	30	0	0	0	0	0	903	135	873	129	3.01
OVERALL TOTALS--	15718	10062	1103112	210620	1011011	192872	105004	30470	101003	29727	93.27

* 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.

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