CRUISE REPORT HEADER & CERTIFICATION
CRUISE#: 001 SALE#: 001
SALENAME: Thommy Wright
RUN DATE & TIME: 8/15/2016 1:34:16 PM

Year: 0 Region: 05 Forest: 16 District: 51
Remarks:
FILENAME: C:\WorkSpace\Thommy\pre-cruise\Thommy_Wrights_cruise_8_9_Final.cruise
REPORTS: A01 A02 A03 A04 A05 R501 ST1 ST3 UC10 UC11 UC2 UC8 UC9 VSM1 VSM2 VSM3 WT1

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

I certify that the timber for the Thommy Wright 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,

Mi-Wok	Sonora
RANGER DISTRICT	(name of headquarters town)
[illegible signature]	15 Aug 2016
DISTRICT RANGER	DATE

****

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

VERSION: 07.21.2016
VOLUME LIBRARY VERSION: 07.13.2016
NATIONAL CRUISE PROCESSING PROGRAM

VOLUME EQUATION TABLE
CRUISE#: 001 SALE#: 001
SALENAME: ThommyPre
RUN DATE & TIME: 8/17/2016 5:29:10 PM

VERSION: 05.06.2016
VOLUME LIBRARY VERSION: 05.05.2016

					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	BIOMASS
DF	01	500WO2W202	1.0	NO	6.0	YES	YES	NO	1.0	YES	YES	NO	YES
DF	08	500WO2W202	1.0	NO	4.0	YES	YES	NO	0.0	NO	NO	NO	NO
IC	01	500WO2W081	1.0	NO	6.0	YES	YES	NO	1.0	YES	YES	NO	YES
IC	08	500WO2W081	1.0	NO	4.0	YES	YES	NO	0.0	NO	NO	NO	NO
JP	01	500WO2W116	1.0	NO	6.0	YES	YES	NO	1.0	YES	YES	NO	YES
JP	08	500WO2W116	1.0	NO	4.0	YES	YES	NO	0.0	NO	NO	NO	NO
LP	01	500WO2W108	1.0	NO	6.0	YES	YES	NO	1.0	YES	YES	NO	YES
LP	08	500WO2W108	1.0	NO	4.0	YES	YES	NO	0.0	NO	NO	NO	NO
PP	01	500WO2W122	1.0	NO	6.0	YES	YES	NO	1.0	YES	YES	NO	YES
PP	08	500WO2W122	1.0	NO	4.0	YES	YES	NO	0.0	NO	NO	NO	NO
RF	01	500WO2W020	1.0	NO	6.0	YES	YES	NO	1.0	YES	YES	NO	YES
RF	08	500WO2W020	1.0	NO	4.0	YES	YES	NO	0.0	NO	NO	NO	NO
SP	01	500WO2W117	1.0	NO	6.0	YES	YES	NO	1.0	YES	YES	NO	YES
SP	08	500WO2W117	1.0	NO	4.0	YES	YES	NO	0.0	NO	NO	NO	NO
WF	01	500WO2W015	1.0	NO	6.0	YES	YES	NO	1.0	YES	YES	NO	YES
WF	08	500WO2W015	1.0	NO	4.0	YES	YES	NO	0.0	NO	NO	NO	NO
DF	20	500WO2W202	0.5	NO	1.0	NO	YES	NO	0.0	NO	NO	NO	YES
IC	20	500WO2W081	0.5	NO	1.0	NO	YES	NO	0.0	NO	NO	NO	YES
JP	20	500WO2W116	0.5	NO	1.0	NO	YES	NO	0.0	NO	NO	NO	YES
LP	20	500WO2W108	0.5	NO	1.0	NO	YES	NO	0.0	NO	NO	NO	YES
PP	20	500WO2W122	0.5	NO	1.0	NO	YES	NO	0.0	NO	NO	NO	YES
RF	20	500WO2W020	0.5	NO	1.0	NO	YES	NO	0.0	NO	NO	NO	YES
SP	20	500WO2W117	0.5	NO	1.0	NO	YES	NO	0.0	NO	NO	NO	YES
WF	20	500WO2W015	0.5	NO	1.0	NO	YES	NO	0.0	NO	NO	NO	YES

A01: STRATA, UNIT, PAYMENT UNIT AND SAMPLE GROUP REPORT (A1)
CRUISE#: 001 SALE#: 001
SALENAME: ThommyPre
RUN DATE & TIME: 8/17/2016 5:29:10 PM

VERSION: 05.06.2016
VOLUME LIBRARY VERSION: 05.05.2016

CRUISE NO.	STRATA NO.	CRUISE METHOD	STRATA ACRES	BAF	PLOT SIZE	NO. OF PLOTS	STRATA DESCRIPTION	DATE MMYYYY	
001	1	PCM	243.00	20.00	0	48	DxD	0	0
001	2	STR	117.00	0.00	0	0	STR	0	0
001	3	PCM	383.00	20.00	0	38	DxD	0	0

A01: STRATA, UNIT, PAYMENT UNIT AND SAMPLE GROUP REPORT (A1)
CRUISE#: 001 SALE#: 001
SALENAME: ThommyPre
RUN DATE & TIME: 8/17/2016 5:29:10 PM

VERSION: 05.06.2016
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CRUISE NO.	CUTTING UNIT NO.	CUTTING UNIT ACRES	CUTTING UNIT DESCRIPTION	LOG METHOD	PAYMENT UNIT NO.
001	2	107.00	Plantation	420	
001	20	16.00		420	
001	21	14.00		420	
001	22	27.00	Plantation	420	
001	23	34.00		420	
001	231	28.00	Plantation	420	
001	232	59.00	Plantation	420	
001	235	54.00	Plantation	420	
001	4	18.00		420	
001	601	17.00	Plantation	420	
001	604	30.00	Plantation	420	
001	605	31.00	Plantation	420	
001	607	26.00	Plantation	420	
001	609	7.00	Plantation	420	
001	615	46.00	Plantation	420	
001	622	85.00	Plantation	420	
001	8	80.00	Plantation	420	
001	81	15.00	Plantation	420	
001	82	14.00	Plantation	420	
001	9	35.00		420	

TOTAL SALE ACRES: 743.00

CRUISE#: 001 SALE#: 001
SALENAME: ThommyPre VERSION: 05.06.2016
RUN DATE & TIME: 8/17/2016 5:29:10 PM VOLUME LIBRARY VERSION: 05.05.2016

CRUISE NO.	CUTTING UNIT	STRATUM	PAYMENT UNIT
001	2	1	
001	20	2	
001	21	2	
001	22	1	
001	23	2	
001	231	3	
001	232	3	
001	235	3	
001	4	2	
001	601	3	
001	604	3	
001	605	3	
001	607	3	
001	609	3	
001	615	3	
001	622	3	
001	8	1	
001	81	1	
001	82	1	
001	9	2	

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STRATUM	SAMPLE GROUP	FREQ	KZ	BIG BAF	SMALL FPS	DESCRIPTION
1	IC	0	0	40		Cedar
1	YP	0	0	40		Yellow Pine
2	C1	146	0	0		CEDAR 1
2	C2	41	0	0		CEDAR 2
2	DF	12	0	0		Doug Fir
2	P1	146	0	0		PONDO 1
2	P2	70	0	0		PONDO 2
2	SP	12	0	0		SUGAR
2	WF	47	0	0		WHITE FIR
3	YP	0	0	40		PONDO/JEFF

CRUISE NO.	PLOT NO.	CUTTING UNIT NO.	STRATA NO.	SLOPE %	ASPECT	PLOT KPI	NULL PLOT?
001	15	2	1	0	0	0	
001	16	2	1	0	0	0	
001	17	2	1	0	0	0	
001	18	2	1	0	0	0	
001	19	2	1	0	0	0	YES
001	20	2	1	0	0	0	
001	21	2	1	0	0	0	
001	22	2	1	0	0	0	
001	23	2	1	0	0	0	
001	24	2	1	0	0	0	
001	25	2	1	0	0	0	
001	26	2	1	0	0	0	
001	28	2	1	0	0	0	
001	43	2	1	0	0	0	
001	45	2	1	0	0	0	
001	46	2	1	0	0	0	YES
001	27	22	1	0	0	0	
001	29	22	1	0	0	0	
001	30	22	1	0	0	0	
001	31	22	1	0	0	0	YES
001	32	22	1	0	0	0	
001	44	22	1	0	0	0	
001	47	22	1	0	0	0	
001	48	22	1	0	0	0	
001	3	8	1	0	0	0	
001	4	8	1	0	0	0	
001	5	8	1	0	0	0	
001	7	8	1	0	0	0	
001	8	8	1	0	0	0	
001	10	8	1	0	0	0	
001	11	8	1	0	0	0	
001	13	8	1	0	0	0	
001	14	8	1	0	0	0	
001	37	8	1	0	0	0	
001	38	8	1	0	0	0	
001	41	8	1	0	0	0	
001	42	8	1	0	0	0	
001	80	8	1	0	0	0	
001	9	81	1	0	0	0	YES
001	12	81	1	0	0	0	

A02: PLOT INFORMATION REPORT (A1)
CRUISE#: 001 SALE#: 001
SALENAME: ThommyPre
RUN DATE & TIME: 8/17/2016 5:29:10 PM

VERSION: 05.06.2016
VOLUME LIBRARY VERSION: 05.05.2016

CRUISE NO.	PLOT NO.	CUTTING UNIT NO.	STRATA NO.	SLOPE %	ASPECT	PLOT KPI	NULL PLOT?
001	34	81	1	0	0	0	
001	39	81	1	0	0	0	
001	40	81	1	0	0	0	
001	1	82	1	0	0	0	
001	2	82	1	0	0	0	
001	6	82	1	0	0	0	
001	35	82	1	0	0	0	
001	36	82	1	0	0	0	
001	1	231	3	0	0	0	
001	2	231	3	0	0	0	
001	3	231	3	0	0	0	
001	4	231	3	0	0	0	YES
001	1	232	3	0	0	0	
001	2	232	3	0	0	0	
001	3	232	3	0	0	0	YES
001	4	232	3	0	0	0	
001	5	232	3	0	0	0	
001	1	235	3	0	0	0	
001	2	235	3	0	0	0	
001	3	235	3	0	0	0	
001	4	235	3	0	0	0	
001	5	235	3	0	0	0	
001	1	601	3	0	0	0	
001	2	601	3	0	0	0	YES
001	3	601	3	0	0	0	
001	1	604	3	0	0	0	
001	2	604	3	0	0	0	YES
001	3	604	3	0	0	0	
001	1	605	3	0	0	0	
001	2	605	3	0	0	0	
001	3	605	3	0	0	0	
001	4	605	3	0	0	0	
001	1	607	3	0	0	0	
001	2	607	3	0	0	0	
001	1	609	3	0	0	0	
001	2	609	3	0	0	0	
001	1	615	3	0	0	0	
001	2	615	3	0	0	0	
001	3	615	3	0	0	0	
001	4	615	3	0	0	0	

A02: PLOT INFORMATION REPORT (A1)
CRUISE#: 001 SALE#: 001
SALENAME: ThommyPre
RUN DATE & TIME: 8/17/2016 5:29:10 PM

VERSION: 05.06.2016
VOLUME LIBRARY VERSION: 05.05.2016

CRUISE NO.	PLOT NO.	CUTTING UNIT NO.	STRATA NO.	SLOPE %	ASPECT	PLOT KPI	NULL PLOT?
001	1	622	3	0	0	0	YES
001	2	622	3	0	0	0	
001	4	622	3	0	0	0	YES
001	5	622	3	0	0	0	
001	6	622	3	0	0	0	
001	7	622	3	0	0	0	

STRATA	UNIT	PLOT	TREE	SPECIES	PROD PRI	PROD SEC	SMP GRP	CUT/LEAVE	TREE COUNT/MEASUREMENT	UOM	PHI DEF	MRKR INIT	YLD COMP	LIVE/DEAD	TREE GRADE	DBH-OB	TOT HT	MRH TYPE	TDIB PRD
1	2	15	1	PP	01	20	YP	C	M	1	03	3	CL	L	1	16.7	83	F	7.0
1	2	15	2	PP	01	20	YP	C	C	1	03	0	CL	L	1	0.0	0	F	0.0
1	2	15	3	PP	01	20	YP	C	C	1	03	0	CL	L	1	0.0	0	F	0.0
1	2	15	4	PP	01	20	YP	C	C	1	03	0	CL	L	1	0.0	0	F	0.0
1	2	15	5	PP	01	20	YP	C	C	1	03	0	CL	L	1	0.0	0	F	0.0
1	2	15	6	PP	01	20	YP	C	C	1	03	0	CL	L	1	0.0	0	F	0.0
1	2	15	7	PP	01	20	YP	C	C	1	03	0	CL	L	1	0.0	0	F	0.0
1	2	16	1	PP	01	20	YP	C	M	1	03	4	CL	L	1	26.5	123	F	11.0
1	2	16	2	PP	01	20	YP	C	M	1	03	4	CL	L	1	26.5	123	F	11.0
1	2	16	3	PP	01	20	YP	C	C	1	03	0	CL	L	1	0.0	0	F	0.0
1	2	17	1	PP	01	20	YP	C	C	1	03	0	CL	L	1	0.0	0	F	0.0
1	2	17	2	PP	01	20	YP	C	C	1	03	0	CL	L	1	0.0	0	F	0.0
1	2	17	3	PP	01	20	YP	C	C	1	03	0	CL	L	1	0.0	0	F	0.0
1	2	17	4	PP	01	20	YP	C	M	1	03	3	CL	L	1	16.6	89	F	7.0
1	2	18	1	PP	01	20	YP	C	M	1	03	4	CL	L	1	23.7	117	F	9.0
1	2	18	2	PP	01	20	YP	C	C	1	03	0	CL	L	1	0.0	0	F	0.0
1	2	18	3	PP	01	20	YP	C	C	1	03	0	CL	L	1	0.0	0	F	0.0
1	2	18	4	PP	01	20	YP	C	C	1	03	0	CL	L	1	0.0	0	F	0.0
1	2	20	1	PP	01	20	YP	C	M	1	03	4	CL	L	1	18.6	78	F	8.0
1	2	21	1	PP	01	20	YP	C	M	1	03	47	CL	L	1	20.2	105	F	8.0
	REMARKS: beetle damage																		
1	2	21	2	PP	01	20	YP	C	C	1	03	0	CL	L	1	0.0	0	F	0.0
1	2	21	3	PP	01	20	YP	C	C	1	03	0	CL	L	1	0.0	0	F	0.0
1	2	21	4	PP	01	20	YP	C	C	1	03	0	CL	L	1	0.0	0	F	0.0
1	2	22	1	JP	01	20	YP	C	M	1	03	1	CL	L	1	12.6	71	F	6.0
1	2	22	2	JP	01	20	YP	C	C	1	03	0	CL	L	1	0.0	0	F	0.0
1	2	22	3	JP	01	20	YP	C	C	1	03	0	CL	L	1	0.0	0	F	0.0
1	2	22	4	JP	01	20	YP	C	C	1	03	0	CL	L	1	0.0	0	F	0.0
1	2	22	5	JP	01	20	YP	C	C	1	03	0	CL	L	1	0.0	0	F	0.0
1	2	23	1	PP	01	20	YP	C	M	1	03	4	CL	L	1	23.8	108	F	9.0
1	2	23	2	PP	01	20	YP	C	C	1	03	0	CL	L	1	0.0	0	F	0.0

STRATA	UNIT	PLOT	TREE	SPECIES	PROD PRI	PROD SEC	SMP GRP	CUT/LEAVE	TREE CONTROL/MEASUREMENT	UOM	PHI DEF	MRKR INITIAL	YLD COMP	LIVE/DEAD	TREE GRADE	DBH-OB	TOT HT	MRHT TYPE	TDIB PRD
1	2	24	1	JP	01	20	YP	C	M	1	03	1	CL	L	1	11.0	68	F	6.0
1	2	24	2	JP	01	20	YP	C	C	1	03	0	CL	L	1	0.0	0	F	0.0
1	2	24	3	JP	01	20	YP	C	C	1	03	0	CL	L	1	0.0	0	F	0.0
1	2	24	4	JP	01	20	YP	C	C	1	03	0	CL	L	1	0.0	0	F	0.0
1	2	24	5	JP	01	20	YP	C	C	1	03	0	CL	L	1	0.0	0	F	0.0
1	2	24	6	JP	01	20	YP	C	C	1	03	0	CL	L	1	0.0	0	F	0.0
1	2	25	1	JP	01	20	YP	C	M	1	03	4	CL	L	1	23.0	121	F	9.0
1	2	25	2	JP	01	20	YP	C	C	1	03	0	CL	L	1	0.0	0	F	0.0
1	2	25	3	JP	01	20	YP	C	C	1	03	0	CL	L	1	0.0	0	F	0.0
1	2	25	4	JP	01	20	YP	C	C	1	03	0	CL	L	1	0.0	0	F	0.0
1	2	26	1	JP	01	20	YP	C	M	1	03	4	CL	L	1	19.8	103	F	8.0
1	2	26	2	CruiseDAL.DataObjects.TreeDefaultValueD001				20	YP	C	C	1	03	0	CL	L	1	0.0	0	F	0.0
1	2	28	1	JP	01	20	YP	C	M	1	03	4	CL	L	1	17.0	88	F	8.0
1	2	28	2	JP	01	20	YP	C	C	1	03	0	CL	L	1	0.0	0	F	0.0
1	2	28	3	JP	01	20	YP	C	C	1	03	0	CL	L	1	0.0	0	F	0.0
1	2	28	4	JP	01	20	YP	C	C	1	03	0	CL	L	1	0.0	0	F	0.0
1	2	28	5	JP	01	20	YP	C	C	1	03	0	CL	L	1	0.0	0	F	0.0
1	2	28	6	JP	01	20	YP	C	C	1	03	0	CL	L	1	0.0	0	F	0.0
1	2	28	7	JP	01	20	YP	C	C	1	03	0	CL	L	1	0.0	0	F	0.0
1	2	28	8	JP	01	20	YP	C	C	1	03	0	CL	L	1	0.0	0	F	0.0
1	2	28	9	JP	01	20	YP	C	C	1	03	0	CL	L	1	0.0	0	F	0.0
1	2	28	10	JP	01	20	YP	C	C	1	03	0	CL	L	1	0.0	0	F	0.0
1	2	43	1	JP	01	20	YP	C	M	1	03	3	CL	L	1	16.0	65	F	7.0
	REMARKS: CRK 13-26', CRK @63																		
1	2	43	2	JP	01	20	YP	C	C	1	03	0	CL	L	1	0.0	0	F	0.0
1	2	43	3	JP	01	20	YP	C	C	1	03	0	CL	L	1	0.0	0	F	0.0
1	2	45	1	JP	01	20	YP	C	M	1	03	4	CL	L	1	17.5	105	F	8.0
	REMARKS: CRK@79'																		
1	2	45	2	JP	01	20	YP	C	C	1	03	0	CL	L	1	0.0	0	F	0.0
1	2	45	3	JP	01	20	YP	C	C	1	03	0	CL	L	1	0.0	0	F	0.0
1	2	45	4	JP	01	20	YP	C	C	1	03	0	CL	L	1	0.0	0	F	0.0

STRATA	UNIT	PLOT	TREE	SPECIES	PROD PRI	PROD SEC	SMP GRP	CUT/LEAVE	TREE CONT/MEAS COUNT	UOM	PHI DEF	MRKR INIT	YLD COMP	LIVE/DEAD	TREE GRADE	DBH-OB	TOT HT	MRHT TYPE	TDIB PRD
1	22	27	1	JP	01	20	YP	C	M	1	03	4	CL	L	1	25.4	102	F	10.0
1	22	27	2	JP	01	20	YP	C	C	1	03	0	CL	L	1	0.0	0	F	0.0
1	22	27	3	JP	01	20	YP	C	C	1	03	0	CL	L	1	0.0	0	F	0.0
1	22	27	4	JP	01	20	YP	C	C	1	03	0	CL	L	1	0.0	0	F	0.0
1	22	27	5	JP	01	20	YP	C	C	1	03	0	CL	L	1	0.0	0	F	0.0
1	22	29	1	PP	01	20	YP	C	M	1	03	4	CL	L	1	23.3	82	F	9.0
REMARKS: trunk scar, no defect																			
1	22	29	2	PP	01	20	YP	C	C	1	03	0	CL	L	1	0.0	0	F	0.0
1	22	29	3	PP	01	20	YP	C	C	1	03	0	CL	L	1	0.0	0	F	0.0
1	22	29	4	PP	01	20	YP	C	C	1	03	0	CL	L	1	0.0	0	F	0.0
1	22	30	1	PP	01	20	YP	C	M	1	03	3	CL	L	1	14.2	75	F	7.0
1	22	30	2	PP	01	20	YP	C	C	1	03	0	CL	L	1	0.0	0	F	0.0
1	22	30	3	PP	01	20	YP	C	C	1	03	0	CL	L	1	0.0	0	F	0.0
1	22	30	4	PP	01	20	YP	C	C	1	03	0	CL	L	1	0.0	0	F	0.0
1	22	30	5	PP	01	20	YP	C	C	1	03	0	CL	L	1	0.0	0	F	0.0
1	22	30	6	PP	01	20	YP	C	C	1	03	0	CL	L	1	0.0	0	F	0.0
1	22	32	1	JP	01	20	YP	C	M	1	03	3	CL	L	1	15.1	90	F	7.0
1	22	32	2	JP	01	20	YP	C	C	1	03	0	CL	L	1	0.0	0	F	0.0
1	22	32	3	JP	01	20	YP	C	C	1	03	0	CL	L	1	0.0	0	F	0.0
1	22	32	4	JP	01	20	YP	C	C	1	03	0	CL	L	1	0.0	0	F	0.0
1	22	32	5	PP	01	20	YP	C	C	1	03	0	CL	L	1	0.0	0	F	0.0
1	22	32	6	PP	01	20	YP	C	C	1	03	0	CL	L	1	0.0	0	F	0.0
1	22	32	7	PP	01	20	YP	C	C	1	03	0	CL	L	1	0.0	0	F	0.0
1	22	32	8	PP	01	20	YP	C	C	1	03	0	CL	L	1	0.0	0	F	0.0
1	22	44	1	JP	01	20	YP	C	M	1	03	4	CL	L	1	17.6	76	F	8.0
REMARKS: NO WALKTHROUGH																			
1	22	44	2	JP	01	20	YP	C	C	1	03	0	CL	L	1	0.0	0	F	0.0
1	22	44	3	JP	01	20	YP	C	C	1	03	0	CL	L	1	0.0	0	F	0.0
1	22	44	4	JP	01	20	YP	C	C	1	03	0	CL	L	1	0.0	0	F	0.0
1	22	47	1	JP	01	20	YP	C	M	1	03	4	CL	L	1	21.9	100	F	9.0
1	22	47	2	JP	01	20	YP	C	C	1	03	0	CL	L	1	0.0	0	F	0.0

STRATA	UNIT	PLOT	TREE	SPECIES	PROD PRI	PROD SEC	SMP GRP	CUT/LEAVE	TREE CONT/MEAS	TREE COUNT	UOF MEAS	PHID DEF	MRKR INTL	YLD COMP	LIVE/DEAD	TREE GRADE	DBH-OB	TOT HT	MRHT TYPE	TDIB PRP
1	22	47	3	JP	01	20	YP	C	C	1	03	0		CL	L	1	0.0	0	F	0.0
1	22	47	4	JP	01	20	YP	C	C	1	03	0		CL	L	1	0.0	0	F	0.0
1	22	47	5	JP	01	20	YP	C	C	1	03	0		CL	L	1	0.0	0	F	0.0
1	22	47	6	JP	01	20	YP	C	C	1	03	0		CL	L	1	0.0	0	F	0.0
1	22	47	7	JP	01	20	YP	C	C	1	03	0		CL	L	1	0.0	0	F	0.0
1	22	48	1	JP	01	20	YP	C	M	1	03	4		CL	L	1	24.7	94	F	9.0
REMARKS: HYBRID?																				
1	22	48	2	JP	01	20	YP	C	C	1	03	0		CL	L	1	0.0	0	F	0.0
1	8	3	1	PP	01	20	YP	C	M	1	03	3		CL	L	1	15.4	82	F	7.0
1	8	3	2	PP	01	20	YP	C	C	1	03	0		CL	L	1	0.0	0	F	0.0
1	8	4	1	JP	01	20	YP	C	M	1	03	3		CL	L	1	16.9	70	F	7.0
1	8	5	1	PP	01	20	YP	C	M	1	03	4		CL	L	1	19.0	81	F	8.0
1	8	7	1	PP	01	20	YP	C	M	1	03	3		CL	L	1	17.6	86	F	7.0
1	8	7	2	PP	01	20	YP	C	C	1	03	0		CL	L	1	0.0	0	F	0.0
1	8	7	3	PP	01	20	YP	C	C	1	03	0		CL	L	1	0.0	0	F	0.0
1	8	8	1	PP	01	20	YP	C	M	1	03	3		CL	L	1	17.5	80	F	7.0
1	8	8	2	PP	01	20	YP	C	C	1	03	0		CL	L	1	0.0	0	F	0.0
1	8	8	3	PP	01	20	YP	C	C	1	03	0		CL	L	1	0.0	0	F	0.0
1	8	8	4	PP	01	20	YP	C	C	1	03	0		CL	L	1	0.0	0	F	0.0
1	8	10	1	PP	01	20	YP	C	M	1	03	3		CL	L	1	14.3	89	F	7.0
1	8	11	1	PP	01	20	YP	C	M	1	03	4		CL	L	1	21.5	83	F	8.0
1	8	11	2	PP	01	20	YP	C	C	1	03	0		CL	L	1	0.0	0	F	0.0
1	8	13	1	PP	01	20	YP	C	C	1	03	3		CL	L	1	16.5	76	F	7.0
1	8	14	1	PP	01	20	YP	C	M	1	03	4		CL	L	1	18.4	94	F	8.0
1	8	14	2	PP	01	20	YP	C	C	1	03	0		CL	L	1	0.0	0	F	0.0
1	8	14	3	PP	01	20	YP	C	C	1	03	0		CL	L	1	0.0	0	F	0.0
1	8	37	1	JP	01	20	YP	C	M	1	03	1		CL	L	1	12.3	45	F	6.0
REMARKS: DD TP@34', RECENT																				
1	8	37	2	JP	01	20	YP	C	C	1	03	0		CL	L	1	0.0	0	F	0.0
1	8	38	1	JP	01	20	YP	C	M	1	03	3		CL	L	1	14.5	70	F	7.0
1	8	38	2	JP	01	20	YP	C	C	1	03	0		CL	L	1	0.0	0	F	0.0

STRATA	UNIT	PLOT	TREE	SPECIES	PROD PRI	PROD SEC	SMP GRP	CUT/LEAVE	CNT/MEAS	TREE COUNT	UOF MEAS	PHID DEF	MRKR INITL	YLD COMP	LIVE/DEAD	TREE GRADE	DBH-OB	TOT HT	MRHT TYPE	TDIB PRPD
1	8	41	1	JP	01	20	YP	C	M		1 03	3		CL	L	1	13.0	70	F	7.0
	REMARKS: BRKN TP@68', LV SCKR@46'																			
1	8	41	2	JP	01	20	YP	C	C		1 03	0		CL	L	1	0.0	0	F	0.0
1	8	41	3	JP	01	20	YP	C	C		1 03	0		CL	L	1	0.0	0	F	0.0
1	8	42	1	PP	01	20	YP	C	M		1 03	4		CL	L	1	27.9	124	F	11.0
	REMARKS: HYBRID?																			
1	8	42	2	PP	01	20	YP	C	C		1 03	0		CL	L	1	0.0	0	F	0.0
1	8	42	3	PP	01	20	YP	C	C		1 03	0		CL	L	1	0.0	0	F	0.0
1	8	80	1	PP	01	20	YP	C	M		1 03	1		CL	L	1	10.3	52	F	6.0
1	81	12	1	PP	01	20	YP	C	M		1 03	4		CL	L	1	17.5	84	F	8.0
1	81	12	2	PP	01	20	YP	C	C		1 03	0		CL	L	1	0.0	0	F	0.0
1	81	34	1	PP	01	20	YP	C	M		1 03	3		CL	L	1	15.7	87	F	7.0
1	81	34	2	PP	01	20	YP	C	C		1 03	0		CL	L	1	0.0	0	F	0.0
1	81	34	3	PP	01	20	YP	C	C		1 03	0		CL	L	1	0.0	0	F	0.0
1	81	39	1	JP	01	20	YP	C	M		1 03	4		CL	L	1	27.5	98	F	11.0
	REMARKS: DD SUCKR@45'																			
1	81	39	2	JP	01	20	YP	C	C		1 03	0		CL	L	1	0.0	0	F	0.0
1	81	39	3	JP	01	20	YP	C	C		1 03	0		CL	L	1	0.0	0	F	0.0
1	81	39	4	JP	01	20	YP	C	C		1 03	0		CL	L	1	0.0	0	F	0.0
1	81	39	5	JP	01	20	YP	C	C		1 03	0		CL	L	1	0.0	0	F	0.0
1	81	40	1	PP	01	20	YP	C	M		1 03	3		CL	L	1	14.3	68	F	7.0
1	81	40	2	PP	01	20	YP	C	C		1 03	0		CL	L	1	0.0	0	F	0.0
1	81	40	3	PP	01	20	YP	C	C		1 03	0		CL	L	1	0.0	0	F	0.0
1	81	40	4	PP	01	20	YP	C	C		1 03	0		CL	L	1	0.0	0	F	0.0
1	82	1	1	PP	01	20	YP	C	M		1 03	4		CL	L	1	21.0	90	F	9.0
1	82	1	2	PP	01	20	YP	C	C		1 03	0		CL	L	1	0.0	0	F	0.0
1	82	1	3	PP	01	20	YP	C	C		1 03	0		CL	L	1	0.0	0	F	0.0
1	82	2	1	PP	01	20	YP	C	M		1 03	4		CL	L	1	24.3	105	F	9.0
	REMARKS: beetles present																			
1	82	2	2	PP	01	20	YP	C	C		1 03	0		CL	L	1	0.0	0	F	0.0
	REMARKS: beetles present																			

STRATA	UNIT	PLOT	TREE	SPECIES	PROD	PSEC	SMP GRP	CUT/LEAVE	CONTROL/MEASURE	TREE CONDITION	UOF MEAS	PHID DEF	MRKR INITL	YLD COMP	LIVE/DEAD	TREE GRADE	DBH-OB	TOT HT	MRH TYPE	TDIB PRD
1	82	2	3	PP	01	20	YP	C	C		1	03	0		CL	L	1	0.0	0	F 0.0
REMARKS: beetles present																				
1	82	6	1	PP	01	20	YP	C	M		1	03	4		CL	L	1	23.7	87	F 9.0
1	82	6	2	PP	01	20	YP	C	C		1	03	0		CL	L	1	0.0	0	F 0.0
1	82	6	3	PP	01	20	YP	C	C		1	03	0		CL	L	1	0.0	0	F 0.0
1	82	35	1	PP	01	20	YP	C	M		1	03	4		CL	L	1	21.1	113	F 9.0
REMARKS: TURPENTINE BTL DD IN TREES																				
1	82	35	2	PP	01	20	YP	C	C		1	03	0		CL	L	1	0.0	0	F 0.0
1	82	35	3	PP	01	20	YP	C	C		1	03	0		CL	L	1	0.0	0	F 0.0
1	82	35	4	PP	01	20	YP	C	C		1	03	0		CL	L	1	0.0	0	F 0.0
1	82	36	1	PP	01	20	YP	C	M		1	03	4		CL	L	1	20.3	97	F 8.0
REMARKS: BRKN TP@55'																				
2	20		1	DF	01	20	DF	C	M		0	03	1	BS	CL	L	1	16.7	90	F 7.0
REMARKS: none																				
2	20		2	IC	01	20	C2	C	M		0	03	4	sc	CL	L	1	24.8	102	F 9.0
REMARKS: none																				
2	20		3	PP	01	20	P2	C	M		0	03	4	BS	CL	L	1	27.0	133	F 11.0
REMARKS: none																				
2	20		4	PP	01	20	P2	C	M		0	03	4	fh	CL	L	1	27.0	135	F 11.0
REMARKS: none																				
2	20		5	IC	01	20	C1	C	M		0	03	0	fh	CL	L	1	10.2	53	F 6.0
REMARKS: pistol																				
2	20		6	PP	01	20	P1	C	M		0	03	4	fh	CL	L	1	18.2	125	F 8.0
REMARKS: none																				
2	20		7	DF	01	20	DF	C	M		1	03	1	dm	CL	L	1	13.7	67	F 7.0
REMARKS: sweep																				
2	20		8	IC	01	20	C2	C	M		1	03	6	dm	CL	L	1	25.5	105	F 10.0
REMARKS: basal scar to 6', sweep log 3																				
2	20		9	IC	01	20	C2	C	M		1	03	6	dm	CL	L	1	26.0	97	F 11.0
REMARKS: sweep, log 2																				
2	20		10	WF	01	20	WF	C	M		1	03	2	dm	CL	L	1	17.6	98	F 8.0
REMARKS: none																				

STRATA	UNIT	PLOT	TREE	SPECIES	PROD PRI	PROD SEC	SMP GRP	CUT/LEAVE	CNT/MEAS	TREE COUNT	UOF MEAS	PHID DEF	MRKR INITL	YLD COMP	LIVE/DEAD	TREE GRADE	DBH-OB	TOT HT	MRHT TYPE	TDIB PRPD
2	21		1	IC	01	20	C2	C	M		0 03	2	AS	CL	L	1	21.6	74	F	9.0
	REMARKS: none																			
2	21		2	SP	01	20	SP	C	M		0 03	1	sc	CL	L	1	12.4	57	F	6.0
	REMARKS: sweep, basal scar																			
2	21		3	PP	01	20	P2	C	M		0 03	5	fh	CL	L	1	29.6	125	F	11.0
	REMARKS: large something																			
2	21		4	PP	01	20	P2	C	M		0 03	5	AS	CL	L	1	29.7	156	F	11.0
	REMARKS: crook 34-39																			
2	21		5	SP	01	20	SP	C	M		0 03	0	DE	CL	L	1	14.7	49	F	7.0
	REMARKS: none																			
2	21		6	SP	01	20	SP	C	M		1 03	4	fh	CL	L	1	26.1	115	F	11.0
	REMARKS: none																			
2	21		7	IC	01	20	C2	C	M		1 03	8	fh	CL	L	1	27.2	94	F	11.0
	REMARKS: pistol																			
2	21		8	SP	01	20	SP	C	M		1 03	4	DE	CL	L	1	28.7	95	F	11.0
	REMARKS: basal scar																			
2	21		9	WF	01	20	WF	C	M		1 03	2	fh	CL	L	1	19.2	82	F	8.0
	REMARKS: none																			
2	21		10	IC	01	20	C2	C	M		1 03	8	DE	CL	L	1	27.8	91	F	11.0
	REMARKS: fork/broken																			
2	21		11	IC	01	20	C2	C	M		1 03	6	fh	CL	L	1	25.4	85	F	10.0
	REMARKS: fork 32'																			
2	21		12	IC	01	20	C1	C	M		1 03	0	DE	CL	L	1	15.8	62	F	6.0
	REMARKS: none																			
2	21		13	WF	01	20	WF	C	M		1 03	6	fh	CL	L	1	29.3	133	F	13.0
	REMARKS: fire scar																			
2	21		14	IC	01	20	C1	C	M		1 03	0	DE	CL	L	1	14.5	54	F	6.0
	REMARKS: none																			
2	21		15	IC	01	20	C2	C	M		1 03	2	fh	CL	L	1	22.5	80	F	9.0
	REMARKS: something																			
2	23		1	IC	01	20	C1	C	M		0 03	0	sc	CL	L	1	14.7	51	F	7.0
	REMARKS: none																			

STRATA	UNIT	PLOT	TREE	SPECIES	PROD	PSEC	SGRP	CUT/LEAVE	CNT/MEAS	TREE COUNT	UOM	HIDD	MRKTIND	YLDCOMP	LIVE/DEAD	TREE GRADE	DBH-OB	TOTHT	MRHTYPE	TDIBPRD
2	23		2	IC	01	20	C2	C	M	0	03	4	sc	CL	L	1	24.3	89	F	9.0
REMARKS: none																				
2	23		3	IC	01	20	C2	C	M	0	03	1	fh	CL	L	1	25.5	87	F	9.0
REMARKS: broken top 28' crook 12', crook 21'																				
2	23		4	WF	01	20	WF	C	M	0	03	1	DE	CL	L	1	16.4	84	F	7.0
REMARKS: none																				
2	23		5	WF	01	20	WF	C	M	0	03	2	AS	CL	L	1	20.7	116	F	8.0
REMARKS: none																				
2	23		6	PP	01	20	P1	C	M	0	03	4	DE	CL	L	1	18.6	72	F	8.0
REMARKS: re-growth top																				
2	23		7	IC	01	20	C2	C	M	0	03	2	fh	CL	L	1	21.7	88	F	9.0
REMARKS: basal scar																				
2	23		8	IC	01	20	C1	C	M	0	03	0	AS	CL	L	1	15.6	60	F	7.0
REMARKS: none																				
2	23		9	WF	01	20	WF	C	M	0	03	0	AS	CL	L	1	11.7	69	F	6.0
REMARKS: none																				
2	23		10	WF	01	20	WF	C	M	0	03	0	AS	CL	L	1	16.1	79	F	6.0
REMARKS: none																				
2	23		11	IC	01	20	C1	C	M	0	03	0	AS	CL	L	1	11.4	42	F	6.0
REMARKS: broken top																				
2	23		12	PP	01	20	P1	C	M	0	03	0	sc	CL	L	1	11.9	65	F	6.0
REMARKS: broken top 51'																				
2	23		13	IC	01	20	C2	C	M	1	03	6	AS	CL	L	1	25.1	87	F	10.0
REMARKS: none																				
2	23		14	WF	01	20	WF	C	M	1	03	6	AS	CL	L	1	18.2	104	F	10.0
REMARKS: none																				
2	23		15	SP	01	20	SP	C	M	1	03	4	AS	CL	L	1	28.2	142	F	11.0
REMARKS: none																				
2	23		16	SP	01	20	SP	C	M	1	03	4	AS	CL	L	1	23.6	105	F	9.0
REMARKS: none																				
2	23		17	IC	01	20	C1	C	M	1	03	0	AS	CL	L	1	18.0	92	F	8.0
REMARKS: none																				

STRATA	UNIT	PLOT	TREE	SPECIES	PROD PRI	PROD SEC	SMP GRP	CUT/LEAVES	TREE CONTROL/MEASUREAS	UOF MEAS	PHID DEF	MRKR INIT	YLD COMP	LIVE/DEAD	TREE GRADE	DBH-OB	THT	MRHT TYPE	TDIB PRD
2	23		18	WF	01	20	WF	C	M	1	03	1	AS	CL	L	1	16.7	60	F 7.0
REMARKS: none																			
2	23		19	WF	01	20	WF	C	M	1	03	8	AS	CL	L	1	20.0	109	F 2.0
REMARKS: none																			
2	23		20	IC	01	20	C2	C	M	1	03	6	AS	CL	L	1	25.0	119	F 10.0
REMARKS: something																			
2	4		1	WF	01	20	WF	C	M	0	03	0	AS	CL	L	1	12.9	59	F 6.0
REMARKS: none																			
2	4		2	PP	01	20	P1	C	M	0	03	45	dm	CL	L	1	16.3	70	F 7.0
REMARKS: beetles present																			
2	4		3	IC	01	20	C1	C	M	0	03	0	dm	CL	L	1	11.1	36	F 6.0
REMARKS: broken top in utilize																			
2	4		4	WF	01	20	WF	C	M	0	03	0	fh	CL	L	1	12.1	67	F 6.0
REMARKS: none																			
2	4		5	SP	01	20	SP	C	M	0	03	1	sc	CL	L	1	11.1	48	F 6.0
REMARKS: sweep																			
2	4		6	WF	01	20	WF	C	M	0	03	2	dm	CL	L	1	17.3	94	F 8.0
REMARKS: sweeps, fork																			
2	4		7	PP	01	20	P2	C	M	1	03	4	de	CL	L	1	27.8	139	F 11.0
REMARKS: none																			
2	4		8	JP	01	20	P1	C	M	1	03	3	as	CL	L	1	15.3	75	F 7.0
REMARKS: broke 50'																			
2	4		9	JP	01	20	P1	C	M	0	03	1	es	CL	L	1	12.4	65	F 6.0
REMARKS: none																			
2	4		10	WF	01	20	WF	C	M	0	03	2	sc	CL	L	1	20.7	53	F 9.0
REMARKS: fork log 2,																			
2	4		11	JP	01	20	P2	C	M	1	03	3	as	CL	L	1	20.7	91	F 8.0
REMARKS: none																			
2	4		12	IC	01	20	C2	C	M	1	03	8	fh	CL	L	1	28.5	99	F 11.0
REMARKS: sweep																			
2	4		13	IC	01	20	C1	C	M	1	03	0	dm	CL	L	1	14.4	52	F 7.0
REMARKS: sweep																			

STRATA	UNIT	PLOT	TREE	SPECIES	PROD PRI	PROD SEC	SMP GRP	CUT/LEAVE	CNT/MEAS	TREE COUNT	UOF MEAS	PHID DEF	MRKR INITL	YLD COMP	LIVE/DEAD	TREE GRADE	DBH-OB	TOT HT	MRHT TYPE	TDIB PRPD
2	4		14	PP	01	20	P2	C	M		1 03	4	de	CL	L	1	27.3	138	F	11.0
	REMARKS: none																			
2	4		15	IC	01	20	C2	C	M		1 03	6	sc	CL	L	1	26.7	99	F	11.0
	REMARKS: none																			
2	4		16	IC	01	20	C1	C	M		1 03	1	bs	CL	L	1	19.0	70	F	8.0
	REMARKS: none																			
2	4		17	SP	01	20	SP	C	M		1 03	1	dm	CL	L	1	12.7	48	F	6.0
	REMARKS: sweep log 2,																			
2	4		18	PP	01	20	P1	C	M		1 03	4	fh	CL	L	1	17.5	119	F	8.0
	REMARKS: none																			
2	4		19	SP	01	20	SP	C	M		1 03	4	as	CL	L	1	24.0	119	F	9.0
	REMARKS: none																			
2	9		1	SP	01	20	SP	C	M		0 03	4	sc	CL	L	1	21.2	94	F	9.0
	REMARKS: crook,																			
2	9		2	DF	01	20	DF	C	M		0 03	2	bs	CL	L	1	18.2	102	F	8.0
	REMARKS: frost crack, crook																			
2	9		3	IC	01	20	C1	C	M		0 03	0	as	CL	L	1	15.1	60	F	6.0
	REMARKS: none																			
2	9		4	PP	01	20	P2	C	M		0 03	4	de	CL	L	1	24.8	130	F	9.0
	REMARKS: none																			
2	9		5	IC	01	20	C1	C	M		0 03	0	sc	CL	L	1	15.4	29	F	6.0
	REMARKS: none																			
2	9		6	IC	01	20	C1	C	M		0 03	0	de	CL	L	1	11.2	40	F	6.0
	REMARKS: basal scar																			
2	9		7	SP	01	20	SP	C	M		0 03	3	dm	CL	L	1	16.9	70	F	7.0
	REMARKS: dead top, 50'																			
2	9		8	IC	01	20	C2	C	M		0 03	6	bs	CL	L	1	25.3	70	F	10.0
	REMARKS: none																			
2	9		9	WF	01	20	WF	C	M		0 03	1	de	CL	L	1	16.9	82	F	6.0
	REMARKS: none																			
2	9		10	IC	01	20	C1	C	M		0 03	0	dm	CL	L	1	13.4	43	F	7.0
	REMARKS: pistol																			

STRATA	UNIT	PLOT	TREE	SPECIES	PROD PRI	PROD SEC	SMP GRP	CUT/LEAVE	CNT/MEAS	TREE COUNT	UOF MEAS	PHID DEF	MRKR INITL	YLD COMP	LIVE/DEAD	TREE GRADE	DBH-OB	TOT HT	MRHT TYPE	TDIB PRPD
2	9		11	JP	01	20	P1	C	M		0	03	4	as	CL	L	1	19.0	93	F	8.0
	REMARKS: none																			
2	9		12	IC	01	20	C1	C	M		0	03	0	fh	CL	L	1	12.0	48	F	6.0
	REMARKS: none																			
2	9		13	IC	01	20	C2	C	M		0	03	2	dm	CL	L	1	22.0	90	F	9.0
	REMARKS: none																			
2	9		14	IC	01	20	C1	C	M		0	03	0	fh	CL	L	1	11.5	47	F	6.0
	REMARKS: none																			
2	9		15	IC	01	20	C2	C	M		0	03	4	fh	CL	L	1	23.5	77	F	9.0
	REMARKS: broken top, 70'																			
2	9		16	IC	01	20	C1	C	M		0	03	0	bs	CL	L	1	16.5	70	F	7.0
	REMARKS: none																			
2	9		17	SP	01	20	SP	C	M		0	03	1	de	CL	L	1	11.5	74	F	6.0
	REMARKS: none																			
2	9		18	IC	01	20	C1	C	M		0	03	0	de	CL	L	1	12.1	53	F	6.0
	REMARKS: none																			
2	9		19	IC	01	20	C1	C	M		0	03	0	fh	CL	L	1	12.3	59	F	6.0
	REMARKS: broken top 28																			
2	9		20	IC	01	20	C1	C	M		0	03	0	as	CL	L	1	14.7	55	F	7.0
	REMARKS: none																			
2	9		21	IC	01	20	C2	C	M		1	03	8	dm	CL	L	1	27.5	70	F	11.0
	REMARKS: frost crack, sweep log 2,																			
2	9		22	WF	01	20	WF	C	M		1	03	0	as	CL	L	1	13.2	57	F	6.0
	REMARKS: none																			
2	9		23	SP	01	20	SP	C	M		1	03	0	fh	CL	L	1	11.2	85	F	6.0
	REMARKS: none																			
2	9		24	DF	01	20	DF	C	M		1	03	2	fh	CL	L	1	17.3	80	F	8.0
	REMARKS: basal scar, dead sucker																			
2	9		25	PP	01	20	P1	C	M		0	03	0	fh	CL	L	1	11.0	68	F	6.0
	REMARKS: none																			
2	9		26	PP	01	20	P2	C	M		0	03	40	as	CL	L	1	26.3	137	F	11.0
	REMARKS: none																			

STRATA	UNIT	PLOT	TREE	SPECIES	PROD PRI	PROD SEC	SMP GRP	CUT/LEAVE	TREE CONT/MEAS	TREE COUNT	UOM	PHI DEF	MRK INT	YLD COM	LIVE/DEAD	TREE GRADE	DBH-OB	TOT HT	MRH TYPE	TDIB PRD
3	231	1	1	PP	01	20	YP	C	M	1	03	4		CL	L	1	25.1	119	F	10.0
3	231	2	1	PP	01	20	YP	C	M	1	03	3		CL	L	1	15.9	69	F	7.0
3	231	2	2	PP	01	20	YP	C	C	3	03	0		CL	L	1	0.0	0	F	0.0
3	231	3	1	PP	01	20	YP	C	M	1	03	4		CL	L	1	17.8	71	F	8.0
3	232	1	1	PP	01	20	YP	C	M	1	03	3		CL	L	1	18.4	85	F	7.0
3	232	1	2	PP	01	20	YP	C	C	2	03	0		CL	L	1	0.0	0	F	0.0
3	232	2	1	PP	01	20	YP	C	M	1	03	3		CL	L	1	15.0	69	F	7.0
3	232	2	2	PP	01	20	YP	C	C	1	03	0		CL	L	1	0.0	0	F	0.0
3	232	4	1	PP	01	20	YP	C	M	1	03	3		CL	L	1	14.0	68	F	7.0
3	232	5	1	PP	01	20	YP	C	M	1	03	3		CL	L	1	14.2	56	F	7.0
3	235	1	1	PP	01	20	YP	C	M	1	03	4		CL	L	1	18.6	69	F	8.0
3	235	1	2	PP	01	20	YP	C	C	1	03	0		CL	L	1	0.0	0	F	0.0
3	235	2	1	JP	01	20	YP	C	M	1	03	4		CL	L	1	19.2	62	F	8.0
3	235	2	2	JP	01	20	YP	C	C	1	03	0		CL	L	1	0.0	0	F	0.0
3	235	3	1	PP	01	20	YP	C	M	1	03	4		CL	L	1	17.2	79	F	8.0
3	235	3	2	PP	01	20	YP	C	C	3	03	0		CL	L	1	0.0	0	F	0.0
3	235	4	1	PP	01	20	YP	C	M	1	03	4		CL	L	1	17.9	88	F	8.0
3	235	4	2	PP	01	20	YP	C	C	1	03	0		CL	L	1	0.0	0	F	0.0
3	235	5	1	PP	01	20	YP	C	M	1	03	4		CL	L	1	21.8	117	F	9.0
3	235	5	2	PP	01	20	YP	C	C	1	03	0		CL	L	1	0.0	0	F	0.0
3	601	1	1	PP	01	20	YP	C	M	1	03	4		CL	L	1	20.0	96	F	8.0
3	601	1	2	PP	01	20	YP	C	C	1	03	0		CL	L	1	0.0	0	F	0.0
3	601	3	1	PP	01	20	YP	C	M	1	03	4		CL	L	1	17.4	104	F	8.0
3	601	3	2	PP	01	20	YP	C	C	1	03	0		CL	L	1	0.0	0	F	0.0
3	604	1	1	PP	01	20	YP	C	M	1	03	4		CL	L	1	23.2	105	F	9.0
3	604	3	1	PP	01	20	YP	C	M	1	03	4		CL	L	1	19.6	95	F	8.0
3	604	3	2	PP	01	20	YP	C	C	6	03	0		CL	L	1	0.0	0	F	0.0
3	605	1	1	PP	01	20	YP	C	M	1	03	4		CL	L	1	17.4	88.3	F	8.0
3	605	1	2	JP	01	20	YP	C	C	1	03	0		CL	L	1	0.0	0	F	0.0
3	605	2	1	JP	01	20	YP	C	M	1	03	4		CL	L	1	20.8	87.4	F	8.0
3	605	2	2	JP	01	20	YP	C	C	3	03	0		CL	L	1	0.0	0	F	0.0

STRATA	UNIT	PLOT	TREE	SPECIES	PROD PRI	PROD SEC	SMP GRP	CUT/LEAVE	CNT/MEAS	TREE COUNT	UOF MEAS	PHID DEF	MRKR INITL	YLD COMP	LIVE/DEAD	TREE GRADE	DBH-OB	TOT HT	MRHT TYPE	TDIB PRPD
3	605	3	1	PP	01	20	YP	C	M		1 03	4		CL	L	1	23.6	117	F	9.0
3	605	3	2	PP	01	20	YP	C	C		1 03	0		CL	L	1	0.0	0	F	0.0
3	605	4	1	PP	01	20	YP	C	M		1 03	4		CL	L	1	27.8	118	F	11.0
3	605	4	2	PP	01	20	YP	C	C		6 03	0		CL	L	1	0.0	0	F	0.0
3	607	1	1	JP	01	20	YP	C	M		1 03	4		CL	L	1	27.6	118	F	11.0
3	607	1	2	PP	01	20	YP	C	C		2 03	0		CL	L	1	0.0	0	F	0.0
3	607	2	1	PP	01	20	YP	C	M		1 03	4		CL	L	1	17.5	98	F	8.0
3	607	2	2	PP	01	20	YP	C	C		5 03	0		CL	L	1	0.0	0	F	0.0
3	609	1	1	JP	01	20	YP	C	M		1 03	1		CL	L	1	12.9	59	F	6.0
3	609	1	2	JP	01	20	YP	C	C		2 03	0		CL	L	1	0.0	0	F	0.0
3	609	2	1	JP	01	20	YP	C	M		1 03	1		CL	L	1	12.1	74	F	6.0
3	609	2	2	JP	01	20	YP	C	C		5 03	0		CL	L	1	0.0	0	F	0.0
3	615	1	1	PP	01	20	YP	C	M		1 03	3		CL	L	1	13.2	62	F	7.0
3	615	1	2	PP	01	20	YP	C	C		3 03	0		CL	L	1	0.0	0	F	0.0
3	615	2	1	PP	01	20	YP	C	M		1 03	4		CL	L	1	19.8	98	F	8.0
3	615	2	2	PP	01	20	YP	C	C		5 03	0		CL	L	1	0.0	0	F	0.0
3	615	3	1	PP	01	20	YP	C	M		1 03	4		CL	L	1	24.1	102	F	9.0
3	615	4	1	PP	01	20	YP	C	M		1 03	3		CL	L	1	13.1	48	F	7.0
3	622	2	1	PP	01	20	YP	C	M		1 03	3		CL	L	1	16.8	92	F	7.0
3	622	2	2	PP	01	20	YP	C	C		5 03	0		CL	L	1	0.0	0	F	0.0
3	622	5	1	PP	01	20	YP	C	M		1 03	3		CL	L	1	15.8	77	F	7.0
3	622	6	1	PP	01	20	YP	C	M		1 03	3		CL	L	1	15.8	77	F	7.0
3	622	6	2	PP	01	20	YP	C	C		1 03	0		CL	L	1	0.0	0	F	0.0
3	622	7	1	PP	01	20	YP	C	M		1 03	4		CL	L	1	21.8	98	F	9.0
3	622	7	2	PP	01	20	YP	C	C		3 03	0		CL	L	1	0.0	0	F	0.0

THE FOLLOWING INFORMATION IS PROVIDED FOR TREE-BASED METHODS AND REPRESENTS WHAT ONCE WERE COUNT RECORDS

CUTTING UNIT	STRATUM	SAMPLE GROUP	SPECIES	FREQUENCY	KZ VALUE	TALLY COUNT	KPI	DESCRIPTION
2	1	IC		0	0	0	0	IC
2	1	YP		0	0	0	0	YP
4	2	C1		146	0	227	0	C1
4	2	C2		41	0	12	0	C2
4	2	DF		12	0	0	0	DF
4	2	P1		146	0	232	0	P1
4	2	P2		70	0	67	0	P2
4	2	SP		12	0	16	0	SP
4	2	WF		47	0	103	0	WF
8	1	IC		0	0	0	0	IC
8	1	YP		0	0	0	0	YP
9	2	C1		146	0	1181	0	C1
9	2	C2		41	0	118	0	C2
9	2	DF		12	0	4	0	DF
9	2	P1		146	0	168	0	P1
9	2	P2		70	0	122	0	P2
9	2	SP		12	0	27	0	SP
9	2	WF		47	0	105	0	WF
20	2	C1		146	0	254	0	C1
20	2	C2		41	0	77	0	C2
20	2	DF		12	0	6	0	DF
20	2	P1		146	0	134	0	P1
20	2	P2		70	0	121	0	P2
20	2	SP		12	0	10	0	SP
20	2	WF		47	0	17	0	WF
21	2	C1		146	0	163	0	C1
21	2	C2		41	0	47	0	C2
21	2	DF		12	0	0	0	DF
21	2	P1		146	0	46	0	P1
21	2	P2		70	0	53	0	P2
21	2	SP		12	0	17	0	SP
21	2	WF		47	0	26	0	WF
22	1	IC		0	0	0	0	IC
22	1	YP		0	0	0	0	YP
23	2	C1		146	0	290	0	C1
23	2	C2		41	0	82	0	C2
23	2	DF		12	0	1	0	DF
23	2	P1		146	0	347	0	P1

THE FOLLOWING INFORMATION IS PROVIDED FOR TREE-BASED METHODS AND REPRESENTS WHAT ONCE WERE COUNT RECORDS

CUTTING UNIT	STRATUM	SAMPLE GROUP	SPECIES	FREQUENCY	KZ VALUE	TALLY COUNT	KPI	DESCRIPTION
23	2	P2		70	0	66	0	P2
23	2	SP		12	0	20	0	SP
23	2	WF		47	0	61	0	WF
81	1	IC		0	0	0	0	IC
81	1	YP		0	0	0	0	YP
82	1	IC		0	0	0	0	IC
82	1	YP		0	0	0	0	YP

A05: CUBIC FOOT
PRIMARY AND SECONDARY PRODUCT
VOLUME INFORMATION (A5)
CRUISE#: 001 SALE#: 001
SALENAME: ThommyPre
RUN DATE & TIME: 8/17/2016 5:29:10 PM

VERSION: 05.06.2016
VOLUME LIBRARY VERSION: 05.05.2016

STRATA	UNIT	PLOT	TREE	SPECIES	DBH-OB	TOTHG	********** PER TREE ********** *** PRIMARY *** GROSS CUFT	NET CUFT	** SECONDARY ** GROSS CUFT	NET CUFT	TREE FAC	CHAR FAC	EXP FAC	***** PER ACRE/PER STRATA ***** ** PRIMARY ** GROSS CUFT	NET CUFT	** SECONDARY ** GROSS CUFT	NET CUFT
1	2	15	1	PP	16.7	83	37.6	36.4	2.7	2.7	13.149	3.455	0.946	35.6	34.4	2.6	2.6
1	2	16	1	PP	26.5	123	147.9	142.0	9.6	9.6	5.222	3.455	0.376	55.6	53.4	3.6	3.6
1	2	16	2	PP	26.5	123	147.9	142.0	9.6	9.6	5.222	3.455	0.376	55.6	53.4	3.6	3.6
1	2	17	4	PP	16.6	89	39.5	38.3	3.1	3.1	13.308	3.455	0.958	37.8	36.7	3.0	3.0
1	2	18	1	PP	23.7	117	108.7	104.5	5.7	5.7	6.529	3.455	0.470	51.1	49.1	2.7	2.7
1	2	20	1	PP	18.6	78	43.6	41.8	3.8	3.8	10.600	3.455	0.763	33.3	31.9	2.9	2.9
1	2	21	1	PP	20.2	105	69.5	36.8	4.4	4.4	8.987	3.455	0.647	45.0	23.8	2.8	2.8
1	2	22	1	JP	12.6	71	15.9	15.8	2.3	2.3	23.098	3.455	1.662	26.4	26.3	3.8	3.8
1	2	23	1	PP	23.8	108	103.1	99.1	5.0	5.0	6.474	3.455	0.466	48.0	46.2	2.3	2.3
1	2	24	1	JP	11.0	68	11.3	11.2	2.6	2.6	30.306	3.455	2.181	24.6	24.4	5.7	5.7
1	2	25	1	JP	23.0	121	104.9	100.7	5.7	5.7	6.932	3.455	0.499	52.3	50.2	2.8	2.8
1	2	26	1	JP	19.8	103	62.8	60.4	4.4	4.4	9.354	3.455	0.673	42.3	40.6	3.0	3.0
1	2	28	1	JP	17.0	88	38.2	36.8	4.9	4.9	12.689	3.455	0.913	34.9	33.6	4.5	4.5
1	2	43	1	JP	16.0	65	26.6	16.4	2.2	2.2	14.324	3.455	1.031	27.4	16.9	2.3	2.3
1	2	45	1	JP	17.5	105	48.8	46.8	5.0	4.5	11.974	3.455	0.862	42.1	40.3	4.3	3.9
1	22	27	1	JP	25.4	102	107.7	103.3	6.6	6.6	5.684	3.455	0.409	44.0	42.2	2.7	2.7
1	22	29	1	PP	23.3	82	73.8	70.8	4.2	4.2	6.755	3.455	0.486	35.9	34.4	2.0	2.0
1	22	30	1	PP	14.2	75	23.6	23.0	3.1	3.1	18.186	3.455	1.309	30.9	30.1	4.1	4.1
1	22	32	1	JP	15.1	90	31.6	30.7	3.4	3.4	16.083	3.455	1.157	36.6	35.5	3.9	3.9
1	22	44	1	JP	17.6	76	34.1	32.8	4.3	4.3	11.838	3.455	0.852	29.1	27.9	3.7	3.7
1	22	47	1	JP	21.9	100	75.0	72.0	5.0	5.0	7.646	3.455	0.550	41.3	39.6	2.8	2.8
1	22	48	1	JP	24.7	94	92.5	88.9	4.4	4.4	6.011	3.455	0.433	40.1	38.5	1.9	1.9
1	8	3	1	PP	15.4	82	30.8	29.9	3.1	3.1	15.462	3.455	1.113	34.3	33.3	3.5	3.5
1	8	4	1	JP	16.9	70	31.9	30.9	2.3	2.3	12.839	3.455	0.924	29.5	28.6	2.1	2.1
1	8	5	1	PP	19.0	81	47.4	45.6	3.8	3.8	10.158	3.455	0.731	34.6	33.3	2.8	2.8
1	8	7	1	PP	17.6	86	44.9	43.6	2.6	2.6	11.838	3.455	0.852	38.3	37.1	2.2	2.2
1	8	8	1	PP	17.5	80	41.2	39.9	2.3	2.3	11.974	3.455	0.862	35.5	34.4	2.0	2.0
1	8	10	1	PP	14.3	89	26.9	26.1	3.4	3.4	17.933	3.455	1.291	34.7	33.7	4.4	4.4
1	8	11	1	PP	21.5	83	64.4	61.9	3.1	3.1	7.933	3.455	0.571	36.8	35.3	1.8	1.8
1	8	14	1	PP	18.4	94	53.9	51.8	4.4	4.4	10.831	3.455	0.780	42.0	40.4	3.4	3.4

A05: CUBIC FOOT
PRIMARY AND SECONDARY PRODUCT
VOLUME INFORMATION (AS)
CRUISE#: 001 SALE#: 001
SALENAME: ThommyPre
RUN DATE & TIME: 8/17/2016 5:29:10 PM

VERSION: 05.06.2016
VOLUME LIBRARY VERSION: 05.05.2016

STRATA	UNIT	PLOT	TREE	SPECIES	DBH-OB	TOTHG	********** PER TREE ********** *** PRIMARY *** GROSS CUFT	NET CUFT	** SECONDARY ** GROSS CUFT	NET CUFT	TREE FAC	CHAR FAC	EXP FAC	***** PER ACRE/PER STRATA ***** ** PRIMARY ** GROSS CUFT	NET CUFT	** SECONDARY ** GROSS CUFT	NET CUFT
1	8	37	1	JP	12.3	45	9.7	9.6	1.6	1.6	24.238	3.455	1.744	16.9	16.7	2.8	2.8
1	8	38	1	JP	14.5	70	22.5	21.9	2.7	2.7	17.441	3.455	1.255	28.2	27.5	3.4	3.4
1	8	41	1	JP	13.0	70	16.6	16.1	3.1	3.1	21.698	3.455	1.562	25.9	25.1	4.8	4.8
1	8	42	1	PP	27.9	124	164.9	158.3	9.6	9.6	4.711	3.455	0.339	55.9	53.7	3.3	3.3
1	8	80	1	PP	10.3	52	8.0	8.0	1.8	1.8	34.565	3.455	2.488	19.9	19.9	4.5	4.5
1	81	12	1	PP	17.5	84	41.8	40.2	4.3	4.3	11.974	3.455	0.862	36.0	34.7	3.7	3.7
1	81	34	1	PP	15.7	87	33.8	32.9	3.1	3.1	14.877	3.455	1.071	36.2	35.2	3.3	3.3
1	81	39	1	JP	27.5	98	118.0	109.7	7.4	7.4	4.849	3.455	0.349	41.2	38.3	2.6	2.6
1	81	40	1	PP	14.3	68	21.7	21.1	2.7	2.7	17.933	3.455	1.291	28.0	27.2	3.5	3.5
1	82	1	1	PP	21.0	90	66.4	63.8	5.0	5.0	8.315	3.455	0.598	39.7	38.2	3.0	3.0
1	82	2	1	PP	24.3	105	106.5	102.3	4.9	4.9	6.210	3.455	0.447	47.6	45.7	2.2	2.2
1	82	6	1	PP	23.7	87	82.8	79.5	4.2	4.2	6.529	3.455	0.470	38.9	37.4	2.0	2.0
1	82	35	1	PP	21.1	113	81.3	78.0	6.5	6.5	8.237	3.455	0.593	48.2	46.3	3.9	3.9
1	82	36	1	PP	20.3	97	66.9	56.4	3.7	0.6	8.899	3.455	0.640	42.8	36.1	2.4	0.4
2	20		1	DF	16.7	90	41.3	40.9	2.7	2.7	0.000	0.000	3.250	134.2	132.9	8.8	8.8
2	20		2	IC	24.8	102	83.3	80.0	5.7	5.7	0.000	0.000	18.263	1521.3	1461.0	104.1	104.1
2	20		3	PP	27.0	133	159.2	152.8	10.0	10.0	0.000	0.000	48.000	7641.6	7334.4	480.0	480.0
2	20		4	PP	27.0	135	163.1	156.5	10.0	10.0	0.000	0.000	48.000	7828.8	7512.0	480.0	480.0
2	20		5	IC	10.2	53	5.0	4.6	2.6	2.6	0.000	0.000	106.000	530.0	487.6	275.6	275.6
2	20		6	PP	18.2	125	67.5	64.8	6.2	6.2	0.000	0.000	103.222	6967.5	6688.8	640.0	640.0
2	20		7	DF	13.7	67	18.1	17.9	3.3	3.3	0.000	0.000	3.250	58.8	58.2	10.7	10.7
2	20		8	IC	25.5	105	86.8	73.3	8.8	8.8	0.000	0.000	18.263	1585.2	1338.7	160.7	160.7
2	20		9	IC	26.0	97	80.1	71.0	9.7	9.7	0.000	0.000	18.263	1462.9	1296.7	177.2	177.2
2	20		10	WF	17.6	98	52.3	51.3	4.4	4.4	0.000	0.000	19.938	1042.8	1022.8	87.7	87.7
2	21		1	IC	21.6	74	45.5	44.6	4.9	4.9	0.000	0.000	18.263	831.0	814.5	89.5	89.5
2	21		2	SP	12.4	57	13.3	11.5	1.9	1.9	0.000	0.000	7.462	99.2	85.8	14.2	14.2
2	21		3	PP	29.6	125	186.5	168.5	8.5	8.5	0.000	0.000	48.000	8952.0	8088.0	408.0	408.0
2	21		4	PP	29.7	156	240.8	222.7	10.0	10.0	0.000	0.000	48.000	11558.4	10689.6	480.0	480.0
2	21		5	SP	14.7	49	14.2	14.2	2.2	2.2	0.000	0.000	7.462	106.0	106.0	16.4	16.4
2	21		6	SP	26.1	115	120.5	115.7	9.7	9.7	0.000	0.000	7.462	899.2	863.4	72.4	72.4

A05: CUBIC FOOT
PRIMARY AND SECONDARY PRODUCT
VOLUME INFORMATION (A5)
CRUISE#: 001 SALE#: 001
SALENAME: ThommyPre
RUN DATE & TIME: 8/17/2016 5:29:10 PM

VERSION: 05.06.2016
VOLUME LIBRARY VERSION: 05.05.2016

STRATA	UNIT	PLOT	TREE	SPECIES	DBH-OB	TOTHG	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
2	21		7	IC	27.2	94	87.5	75.9	9.6	9.6	0.000	0.000	18.263	1598.0	1386.2	175.3	175.3
2	21		8	SP	28.7	95	124.1	107.5	7.2	7.2	0.000	0.000	7.462	926.0	802.2	53.7	53.7
2	21		9	WF	19.2	82	51.1	50.1	3.8	3.8	0.000	0.000	19.938	1018.8	998.9	75.8	75.8
2	21		10	IC	27.8	91	93.0	81.9	9.3	9.3	0.000	0.000	18.263	1698.5	1495.7	169.8	169.8
2	21		11	IC	25.4	85	70.7	61.1	6.6	6.6	0.000	0.000	18.263	1291.2	1115.9	120.5	120.5
2	21		12	IC	15.8	62	19.8	19.8	1.8	1.8	0.000	0.000	106.000	2098.8	2098.8	190.8	190.8
2	21		13	WF	29.3	133	190.0	172.3	15.8	15.8	0.000	0.000	19.938	3788.2	3435.3	315.0	315.0
2	21		14	IC	14.5	54	14.9	14.9	1.6	1.6	0.000	0.000	106.000	1579.4	1579.4	169.6	169.6
2	21		15	IC	22.5	80	51.5	47.2	4.9	4.9	0.000	0.000	18.263	940.5	862.0	89.5	89.5
2	23		1	IC	14.7	51	12.9	12.9	2.3	2.3	0.000	0.000	106.000	1367.4	1367.4	243.8	243.8
2	23		2	IC	24.3	89	70.1	67.3	4.9	4.9	0.000	0.000	18.263	1280.2	1229.1	89.5	89.5
2	23		3	IC	25.5	87	76.5	50.0	5.0	5.0	0.000	0.000	18.263	1397.1	913.2	91.3	91.3
2	23		4	WF	16.4	84	38.7	38.3	2.6	2.6	0.000	0.000	19.938	771.6	763.6	51.8	51.8
2	23		5	WF	20.7	116	92.1	90.2	4.4	4.4	0.000	0.000	19.938	1836.3	1798.4	87.7	87.7
2	23		6	PP	18.6	72	40.6	38.0	3.6	0.7	0.000	0.000	103.222	4190.8	3922.4	371.6	72.3
2	23		7	IC	21.7	88	50.7	46.7	5.7	5.7	0.000	0.000	18.263	925.9	852.9	104.1	104.1
2	23		8	IC	15.6	60	18.2	18.2	2.6	2.6	0.000	0.000	106.000	1929.2	1929.2	275.6	275.6
2	23		9	WF	11.7	69	15.3	15.3	2.3	2.3	0.000	0.000	19.938	305.1	305.1	45.9	45.9
2	23		10	WF	16.1	79	35.7	35.7	1.4	1.4	0.000	0.000	19.938	711.8	711.8	27.9	27.9
2	23		11	IC	11.4	42	6.2	5.1	1.8	1.8	0.000	0.000	106.000	657.2	540.6	190.8	190.8
2	23		12	PP	11.9	65	13.3	12.8	2.3	2.3	0.000	0.000	103.222	1372.9	1321.2	237.4	237.4
2	23		13	IC	25.1	87	67.7	63.6	7.3	7.3	0.000	0.000	18.263	1236.4	1161.5	133.3	133.3
2	23		14	WF	18.2	104	56.4	53.0	9.2	9.2	0.000	0.000	19.938	1124.5	1056.7	183.4	183.4
2	23		15	SP	28.2	142	177.1	170.1	12.4	12.4	0.000	0.000	7.462	1321.5	1269.3	92.5	92.5
2	23		16	SP	23.6	105	93.8	90.1	5.6	5.6	0.000	0.000	7.462	699.9	672.3	41.8	41.8
2	23		17	IC	18.0	92	36.1	36.1	6.3	6.3	0.000	0.000	106.000	3826.6	3826.6	667.8	667.8
2	23		18	WF	16.7	60	26.9	26.7	2.2	2.2	0.000	0.000	19.938	536.3	532.3	43.9	43.9
2	23		19	WF	20.0	109	82.4	75.9	0.0	0.0	0.000	0.000	19.938	1642.9	1513.3	0.0	0.0
2	23		20	IC	25.0	119	92.4	82.8	9.6	9.6	0.000	0.000	18.263	1687.5	1512.2	175.3	175.3
2	4		1	WF	12.9	59	16.3	16.3	1.8	1.8	0.000	0.000	19.938	325.0	325.0	35.9	35.9

A05: CUBIC FOOT
PRIMARY AND SECONDARY PRODUCT
VOLUME INFORMATION (A5)
CRUISE#: 001 SALE#: 001
SALENAME: ThommyPre
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VERSION: 05.06.2016
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STRATA	UNIT	PLOT	TREE	SPECIES	DBH-OB	TOTHG	********** PER TREE ********** *** PRIMARY *** GROSS CUFT	NET CUFT	** SECONDARY ** GROSS CUFT	NET CUFT	TREE FAC	CHAR FAC	EXP FAC	***** PER ACRE/PER STRATA ***** ** PRIMARY ** GROSS CUFT	NET CUFT	** SECONDARY ** GROSS CUFT	NET CUFT
2	4		2	PP	16.3	70	29.8	16.3	2.3	2.3	0.000	0.000	103.222	3076.0	1682.5	237.4	237.4
2	4		3	IC	11.1	36	4.5	3.9	1.8	1.8	0.000	0.000	106.000	477.0	413.4	190.8	190.8
2	4		4	WF	12.1	67	15.3	15.3	2.2	2.2	0.000	0.000	19.938	305.1	305.1	43.9	43.9
2	4		5	SP	11.1	48	7.4	2.7	1.9	1.9	0.000	0.000	7.462	55.2	20.1	14.2	14.2
2	4		6	WF	17.3	94	47.9	40.4	4.4	4.4	0.000	0.000	19.938	955.0	805.5	87.7	87.7
2	4		7	PP	27.8	139	181.8	174.5	10.0	10.0	0.000	0.000	48.000	8726.4	8376.0	480.0	480.0
2	4		8	JP	15.3	75	28.7	27.8	2.7	0.6	0.000	0.000	103.222	2962.5	2869.6	278.7	61.9
2	4		9	JP	12.4	65	14.6	14.5	1.8	1.8	0.000	0.000	103.222	1507.0	1496.7	185.8	185.8
2	4		10	WF	20.7	53	35.8	30.1	3.6	3.6	0.000	0.000	19.938	713.8	600.1	71.8	71.8
2	4		11	JP	20.7	91	62.7	60.8	3.8	3.8	0.000	0.000	48.000	3009.6	2918.4	182.4	182.4
2	4		12	IC	28.5	99	103.3	89.9	9.6	9.6	0.000	0.000	18.263	1886.6	1641.8	175.3	175.3
2	4		13	IC	14.4	52	12.9	11.8	2.3	2.3	0.000	0.000	106.000	1367.4	1250.8	243.8	243.8
2	4		14	PP	27.3	138	180.1	172.9	10.1	10.1	0.000	0.000	48.000	8644.8	8299.2	484.8	484.8
2	4		15	IC	26.7	99	89.1	83.8	10.1	10.1	0.000	0.000	18.263	1627.2	1530.4	184.5	184.5
2	4		16	IC	19.0	70	32.7	32.3	3.8	3.8	0.000	0.000	106.000	3466.2	3423.8	402.8	402.8
2	4		17	SP	12.7	48	11.5	10.9	1.6	1.6	0.000	0.000	7.462	85.8	81.3	11.9	11.9
2	4		18	PP	17.5	119	58.7	56.4	6.2	6.2	0.000	0.000	103.222	6059.1	5821.7	640.0	640.0
2	4		19	SP	24.0	119	108.0	103.8	5.7	5.7	0.000	0.000	7.462	805.9	774.6	42.5	42.5
2	9		1	SP	21.2	94	63.5	56.3	5.6	5.6	0.000	0.000	7.462	473.8	420.1	41.8	41.8
2	9		2	DF	18.2	102	51.0	46.3	5.0	5.0	0.000	0.000	3.250	165.8	150.5	16.3	16.3
2	9		3	IC	15.1	60	17.8	17.8	1.8	1.8	0.000	0.000	106.000	1886.8	1886.8	190.8	190.8
2	9		4	PP	24.8	130	135.2	129.7	5.7	5.7	0.000	0.000	48.000	6489.6	6225.6	273.6	273.6
2	9		5	IC	15.4	29	8.7	8.7	0.8	0.8	0.000	0.000	106.000	922.2	922.2	84.8	84.8
2	9		6	IC	11.2	40	5.1	4.4	1.9	1.9	0.000	0.000	106.000	540.6	466.4	201.4	201.4
2	9		7	SP	16.9	70	30.3	28.2	2.6	0.5	0.000	0.000	7.462	226.1	210.4	19.4	3.7
2	9		8	IC	25.3	70	58.2	54.8	5.5	5.5	0.000	0.000	18.263	1062.9	1000.8	100.4	100.4
2	9		9	WF	16.9	82	40.1	39.7	1.6	1.6	0.000	0.000	19.938	799.5	791.5	31.9	31.9
2	9		10	IC	13.4	43	8.3	7.6	2.7	2.7	0.000	0.000	106.000	879.8	805.6	286.2	286.2
2	9		11	JP	19.0	93	53.9	51.8	4.4	4.4	0.000	0.000	103.222	5563.7	5346.9	454.2	454.2
2	9		12	IC	12.0	48	8.1	8.1	1.9	1.9	0.000	0.000	106.000	858.6	858.6	201.4	201.4

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STRATA	UNIT	PLOT	TREE	SPECIES	DBH-OB	TOTHG	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
2	9		13	IC	22.0	90	56.2	55.1	5.7	5.7	0.000	0.000	18.263	1026.4	1006.3	104.1	104.1
2	9		14	IC	11.5	47	6.7	6.7	2.2	2.2	0.000	0.000	106.000	710.2	710.2	233.2	233.2
2	9		15	IC	23.5	77	55.9	53.7	4.4	4.4	0.000	0.000	18.263	1020.9	980.7	80.4	80.4
2	9		16	IC	16.5	70	24.7	24.7	2.7	2.7	0.000	0.000	106.000	2618.2	2618.2	286.2	286.2
2	9		17	SP	11.5	74	13.7	13.6	2.9	2.9	0.000	0.000	7.462	102.2	101.5	21.6	21.6
2	9		18	IC	12.1	53	8.7	8.7	2.3	2.3	0.000	0.000	106.000	922.2	922.2	243.8	243.8
2	9		19	IC	12.3	59	10.1	8.2	2.3	0.6	0.000	0.000	106.000	1070.6	869.2	243.8	63.6
2	9		20	IC	14.7	55	15.0	15.0	2.6	2.6	0.000	0.000	106.000	1590.0	1590.0	275.6	275.6
2	9		21	IC	27.5	70	67.5	46.7	6.2	6.2	0.000	0.000	18.263	1232.8	852.9	113.2	113.2
2	9		22	WF	13.2	57	16.3	16.3	1.6	1.6	0.000	0.000	19.938	325.0	325.0	31.9	31.9
2	9		23	SP	11.2	85	15.0	15.0	3.3	3.3	0.000	0.000	7.462	111.9	111.9	24.6	24.6
2	9		24	DF	17.3	80	36.7	25.0	4.3	4.3	0.000	0.000	3.250	119.3	81.3	14.0	14.0
2	9		25	PP	11.0	68	11.3	11.3	2.6	2.6	0.000	0.000	103.222	1166.4	1166.4	268.4	268.4
2	9		26	PP	26.3	137	160.8	96.5	10.1	10.1	0.000	0.000	48.000	7718.4	4632.0	484.8	484.8
3	231	1	1	PP	25.1	119	127.9	122.9	7.5	7.5	5.821	2.969	0.455	58.2	55.9	3.4	3.4
3	231	2	1	PP	15.9	69	29.0	28.2	2.3	2.3	14.505	2.969	1.133	32.9	32.0	2.6	2.6
3	231	3	1	PP	17.8	71	36.6	35.2	3.6	3.6	11.574	2.969	0.904	33.1	31.8	3.3	3.3
3	232	1	1	PP	18.4	85	47.4	46.1	2.6	2.6	10.831	2.969	0.846	40.1	39.0	2.2	2.2
3	232	2	1	PP	15.0	69	23.6	22.9	2.6	2.6	16.298	2.969	1.273	30.0	29.2	3.3	3.3
3	232	4	1	PP	14.0	68	20.6	20.0	3.1	3.1	18.709	2.969	1.462	30.1	29.2	4.5	4.5
3	232	5	1	PP	14.2	56	16.3	15.8	2.3	2.3	18.186	2.969	1.421	23.2	22.5	3.3	3.3
3	235	1	1	PP	18.6	69	37.9	36.4	3.1	3.1	10.600	2.969	0.828	31.4	30.1	2.6	2.6
3	235	2	1	JP	19.2	62	35.1	33.7	3.0	3.0	9.947	2.969	0.777	27.3	26.2	2.3	2.3
3	235	3	1	PP	17.2	79	37.0	35.5	4.3	3.5	12.395	2.969	0.968	35.8	34.4	4.2	3.4
3	235	4	1	PP	17.9	88	44.4	42.6	4.4	4.4	11.445	2.969	0.894	39.7	38.1	3.9	3.9
3	235	5	1	PP	21.8	117	93.6	89.8	6.5	6.5	7.716	2.969	0.603	56.4	54.1	3.9	3.9
3	601	1	1	PP	20.0	96	64.4	61.7	4.3	4.3	9.168	2.969	0.716	46.1	44.2	3.1	3.1
3	601	3	1	PP	17.4	104	50.1	48.1	5.0	5.0	12.112	2.969	0.946	47.4	45.5	4.7	4.7
3	604	1	1	PP	23.2	105	95.7	91.9	5.0	5.0	6.813	2.969	0.532	50.9	48.9	2.7	2.7
3	604	3	1	PP	19.6	95	60.5	58.1	4.4	4.4	9.546	2.969	0.746	45.1	43.3	3.3	3.3

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STRATA	UNIT	PLOT	TREE	SPECIES	DBH-OB	TOTHG	********** PER TREE ********** *** PRIMARY *** GROSS CUFT	NET CUFT	** SECONDARY ** GROSS CUFT	NET CUFT	TREE FAC	CHAR FAC	EXP FAC	***** PER ACRE/PER STRATA ***** ** PRIMARY ** GROSS CUFT	NET CUFT	** SECONDARY ** GROSS CUFT	NET CUFT
3	605	1	1	PP	17.4	88	44.4	41.5	4.4	4.4	12.112	2.969	0.946	42.0	39.3	4.2	4.2
3	605	2	1	JP	20.8	87	61.7	59.2	3.1	3.1	8.476	2.969	0.662	40.8	39.2	2.1	2.1
3	605	3	1	PP	23.6	117	108.7	99.1	5.7	5.7	6.584	2.969	0.514	55.9	50.9	2.9	2.9
3	605	4	1	PP	27.8	118	155.1	143.8	9.6	9.6	4.745	2.969	0.371	57.5	53.3	3.6	3.6
3	607	1	1	JP	27.6	118	143.5	137.8	9.6	9.6	4.814	2.969	0.376	54.0	51.8	3.6	3.6
3	607	2	1	PP	17.5	98	47.9	45.3	5.0	5.0	11.974	2.969	0.935	44.8	42.4	4.7	4.7
3	609	1	1	JP	12.9	59	15.0	14.3	1.4	1.4	22.036	2.969	1.722	25.8	24.6	2.4	2.4
3	609	2	1	JP	12.1	74	15.9	15.8	2.6	2.6	25.046	2.969	1.957	31.1	30.9	5.1	5.1
3	615	1	1	PP	13.2	62	16.1	15.6	2.7	2.7	21.046	2.969	1.644	26.5	25.6	4.4	4.4
3	615	2	1	PP	19.8	98	65.4	62.7	4.3	4.3	9.354	2.969	0.731	47.8	45.8	3.1	3.1
3	615	3	1	PP	24.1	102	100.0	96.1	4.9	4.9	6.314	2.969	0.493	49.3	47.4	2.4	2.4
3	615	4	1	PP	13.1	48	12.1	11.1	2.2	2.2	21.368	2.969	1.669	20.2	18.5	3.7	3.7
3	622	2	1	PP	16.8	92	40.6	39.4	3.1	3.1	12.993	2.969	1.015	41.2	40.0	3.1	3.1
3	622	5	1	PP	15.8	77	31.1	30.2	2.7	2.7	14.689	2.969	1.148	35.7	34.7	3.1	3.1
3	622	6	1	PP	15.8	77	31.1	30.2	2.7	2.7	14.689	2.969	1.148	35.7	34.7	3.1	3.1
3	622	7	1	PP	21.8	98	75.5	72.6	5.9	5.9	7.716	2.969	0.603	45.5	43.8	3.6	3.6

R501: LOG STOCK TABLE BY SPECIES AND PRODUCT
FOR CUT TREES ONLY
CRUISE#: 001 SALE#: 001
SALENAME: ThommyPre
RUN DATE & TIME: 8/17/2016 5:29:10 PM

VERSION: 05.06.2016
VOLUME LIBRARY VERSION: 05.05.2016

TABLE 2 - REPORT FOR SPECIES: DF
PRODUCT: 01

LOG DIB CLASS	# OF LOGS	GROSS BDFT	NET BDFT	GROSS CUFT	NET CUFT
7	6.5	97.5	97.5	26.3	26.3
8	9.8	260.0	253.5	67.3	66.0
9	3.3	97.5	97.5	25.0	24.7
10	6.5	390.0	357.5	65.7	60.1
11	6.5	455.0	390.0	82.5	71.2
12	3.3	260.0	253.5	48.1	47.1
13	6.5	650.0	481.0	103.3	76.4
14	3.3	357.5	305.5	59.8	51.0
TOTALS	45.5	2567.5	2236.0	478.1	422.8

R501: LOG STOCK TABLE BY SPECIES AND PRODUCT
FOR CUT TREES ONLY
CRUISE#: 001 SALE#: 001
SALENAME: ThommyPre
RUN DATE & TIME: 8/17/2016 5:29:10 PM

VERSION: 05.06.2016
VOLUME LIBRARY VERSION: 05.05.2016

TABLE 3 - REPORT FOR SPECIES: IC
PRODUCT: 01

LOG DIB CLASS	# OF LOGS	GROSS BDFT	NET BDFT	GROSS CUFT	NET CUFT
6	1272.0	14840.0	13356.0	4165.8	3710.0
7	742.0	13780.0	13674.0	3286.0	3243.6
8	954.0	20140.0	20140.0	5045.6	5035.0
9	782.1	24888.4	23346.4	5890.6	5535.5
10	745.6	36330.0	36129.1	7549.9	7499.2
11	252.1	13446.8	12734.5	2814.3	2660.9
12	164.4	10957.8	9496.8	2156.9	1882.9
13	358.1	33253.6	32015.3	6067.1	5839.5
14	109.6	11688.3	10117.7	2304.8	1987.0
15	127.8	17897.7	16619.3	3126.6	2905.6
16	91.3	14610.4	13660.7	2489.2	2330.4
17	73.1	13149.4	12364.1	2297.5	2160.5
18	127.8	26846.6	22207.8	4443.4	3656.3
19	36.5	8766.2	7633.9	1417.2	1234.6
20	36.5	10227.3	8802.8	1556.0	1338.7
TOTALS	5872.9	270822.5	252298.3	54610.9	51019.5

TABLE 4 - REPORT FOR SPECIES: JP
PRODUCT: 01

LOG DIB CLASS	# OF LOGS	GROSS BDFT	NET BDFT	GROSS CUFT	NET CUFT
6	2869.9	28699.2	28699.2	8153.2	8153.2
7	2074.0	29572.0	28688.8	7983.0	7795.9
8	4330.0	88044.9	84567.9	21628.7	20838.1
9	3286.2	121348.1	120041.7	25266.9	24799.7
10	2036.5	91509.6	81234.2	18023.6	15500.8
11	1725.4	98795.0	93480.4	20676.9	19600.3
12	1198.7	92911.7	87544.6	16596.9	15598.6
13	861.9	86186.8	82963.9	14269.3	13743.3
14	1116.1	121336.4	116919.8	21058.1	20226.5
15	705.9	98820.7	94585.5	15868.2	15241.2
16	301.5	48247.4	46486.1	7176.8	6889.6
17	504.1	90744.1	87215.2	14128.9	13559.9
18	220.6	46335.2	44570.1	6766.2	6491.5
19	190.0	45606.2	43706.0	6461.5	6206.0
20	243.4	68150.6	65473.3	9206.2	8841.1
21	84.8	25442.1	24424.4	3587.3	3443.2
22	144.0	47522.6	45650.5	6365.2	6105.9
TOTALS	21892.9	1229272.7	1176251.6	223217.0	213034.9

TABLE 5 - REPORT FOR SPECIES: PP
PRODUCT: 01

LOG DIB CLASS	# OF LOGS	GROSS BDFT	NET BDFT	GROSS CUFT	NET CUFT
6	811.0	8110.3	7903.8	2387.4	2335.8
7	7551.8	139102.2	131539.6	35399.0	33726.5
8	5843.9	120248.0	106997.0	33904.6	30452.7
9	5581.5	171615.5	166137.1	37997.0	36765.8
10	6624.1	300734.5	286540.3	59793.9	56962.4
11	6904.9	428926.7	412951.4	83658.8	80506.6
12	5960.5	459293.0	435551.7	85894.8	81301.3
13	2393.4	230283.1	220717.8	39258.1	37586.4
14	6046.8	662673.7	631632.5	117009.7	111193.3
15	1453.0	203418.6	185804.2	32362.8	29596.6
16	2163.8	346214.4	322191.1	54142.2	50299.7
17	1563.6	281448.2	270503.0	44173.7	42424.6
18	891.8	187274.2	176492.0	28249.7	26571.0
19	1171.1	281062.8	266423.8	39860.9	37833.0
20	625.4	175126.0	158424.8	24114.8	21770.5
21	400.6	120192.6	115240.9	16616.1	15933.2
22	374.7	123662.9	112935.3	16664.1	15202.4
23	368.5	140018.6	132043.5	17865.9	16839.4
24	48.0	19200.0	18240.0	2620.8	2491.2
25	48.0	22080.0	20976.0	2726.4	2592.0
TOTALS	56826.4	4420685.3	4179245.9	774700.4	732384.4

TABLE 6 - REPORT FOR SPECIES: SP
PRODUCT: 01

LOG DIB CLASS	# OF LOGS	GROSS BDFT	NET BDFT	GROSS CUFT	NET CUFT
6	37.3	373.1	358.2	120.1	111.9
7	29.8	522.3	485.0	131.3	121.6
8	7.5	149.2	0.0	35.1	0.0
9	52.2	1790.9	1723.7	401.5	385.0
10	14.9	597.0	589.5	138.8	136.6
11	29.8	1268.5	1208.8	287.3	276.1
12	22.4	1641.6	1589.4	313.4	302.2
13	22.4	1865.5	1790.9	355.2	341.8
14	14.9	1641.6	1380.5	305.2	258.2
15	14.9	2089.4	1999.8	370.1	355.2
16	22.4	3581.8	3447.4	578.3	555.2
17	7.5	1343.2	1290.9	211.9	203.7
18	14.9	3134.0	3014.6	498.5	479.1
19	22.4	5372.6	5148.8	797.7	765.6
21	14.9	4477.2	4298.1	631.3	605.9
22	7.5	2462.5	1776.0	361.2	259.7
23	7.5	2835.6	2723.6	376.1	361.2
TOTALS	343.3	35146.0	32825.3	5912.9	5518.9

TABLE 7 - REPORT FOR SPECIES: WF
PRODUCT: 01

LOG DIB CLASS	# OF LOGS	GROSS BDFT	NET BDFT	GROSS CUFT	NET CUFT
2	19.9	0.0	0.0	8.0	8.0
4	19.9	199.4	179.4	35.9	33.9
6	119.6	1196.3	1196.3	325.0	325.0
7	59.8	996.9	957.0	281.1	271.2
8	179.4	3788.2	3768.3	969.0	959.0
9	99.7	3588.8	3269.8	867.3	757.6
10	159.5	7975.2	7596.4	1587.1	1503.3
11	79.8	4984.5	4904.7	939.1	925.1
12	59.8	4386.4	4047.4	793.5	735.7
13	159.5	14953.5	14494.9	2468.3	2390.6
14	59.8	6579.5	6180.8	1126.5	1056.7
15	99.7	12959.7	12361.6	1981.8	1890.1
16	39.9	6380.2	6061.2	949.0	901.2
17	39.9	7177.7	6878.6	1132.5	1086.6
20	19.9	5582.6	5243.7	769.6	723.7
22	19.9	6579.5	6180.8	923.1	867.3
24	19.9	7975.2	6519.7	1044.8	855.3
TOTALS	1256.1	95303.6	89840.6	16201.6	15290.5

ST1: NET VOLUME STATISTICS FOR SAMPLE GROUP (DP1)
FOR CUT TREES ONLY
CRUISE#: 001 SALE#: 001
SALENAME: ThommyPre
RUN DATE & TIME: 8/17/2016 5:29:10 PM

VERSION: 05.06.2016
VOLUME LIBRARY VERSION: 05.05.2016

STRATA	PROD CT	UOM	SAM GRP	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	03	YP	N	1	152	0	48	2.000	3.2	152.00	698.00	2.1471	67.8024	0.310	19.5729	21.035
1	01	03	YP	N	2	44	48	44	2.000	24.8	1089.10	28678.36	6.3261	25.5577	0.954	7.7059	21.035
2	01	03	C1	N	1	20	2120	20	2.093	13.5	269.50	5217.99	9.1378	67.8128	2.034	31.5869	31.587
2	01	03	C2	N	1	19	347	19	2.101	64.7	1229.40	83551.58	14.9126	23.0469	3.326	10.8003	10.800
2	01	03	DF	N	1	4	13	4	3.182	32.5	130.10	4761.91	13.2967	40.8815	5.532	54.1186	54.119
2	01	03	P1	N	1	9	929	9	2.306	32.6	293.70	13047.55	20.8061	63.7571	6.902	48.7700	48.770
2	01	03	P2	N	1	9	432	9	2.306	148.3	1334.90	216003.27	47.4446	31.9875	15.649	24.3303	24.330
2	01	03	SP	N	1	13	97	13	2.179	56.9	739.60	77604.08	54.4109	95.6384	14.043	53.7863	53.786
2	01	03	WF	N	1	16	319	16	2.131	47.9	766.90	60102.93	39.4499	82.3052	9.612	42.7343	42.734
3	01	03	YP	N	1	95	0	38	2.000	2.5	95.00	397.00	2.0762	83.0500	0.337	26.9450	28.474
3	01	03	YP	N	2	32	38	32	2.000	24.5	785.51	20548.37	6.3910	26.0353	1.130	9.2049	28.474

* CANNOT CALCULATE SAMPLING ERROR IF SMALL N EQUALS 1.

ST1: NET VOLUME STATISTICS FOR SAMPLE GROUP (DP1)
FOR CUT TREES ONLY
CRUISE#: 001 SALE#: 001
SALENAME: ThommyPre
RUN DATE & TIME: 8/17/2016 5:29:10 PM

VERSION: 05.06.2016
VOLUME LIBRARY VERSION: 05.05.2016

**********SECONDARY PRODUCT NET VOLUME **********

STRATA	PRODUCT	UOFM	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
1	20	03	YP	N	1	152	0	48	2.000	3.2	152.00	698.00	2.1471	67.8024	0.310	19.5729	21.702
1	20	03	YP	N	2	44	48	44	2.000	2.1	94.37	221.55	0.6670	31.0953	0.101	9.3756	21.702
2	20	03	C1	N	1	20	2120	20	2.093	2.3	46.40	133.44	1.1651	50.2201	0.259	23.3923	23.392
2	20	03	C2	N	1	19	347	19	2.101	7.0	133.50	1015.91	2.0803	29.6071	0.464	13.8745	13.875
2	20	03	DF	N	1	4	13	4	3.182	3.8	15.30	61.67	1.0243	26.7788	0.426	35.4495	35.450
2	20	03	P1	N	1	9	929	9	2.306	3.0	27.10	117.67	2.1233	70.5171	0.704	53.9410	53.941
2	20	03	P2	N	1	9	432	9	2.306	8.7	78.20	723.20	2.3380	26.9076	0.771	20.4664	20.466
2	20	03	SP	N	1	13	97	13	2.179	4.7	60.50	429.07	3.5061	75.3375	0.905	42.3693	42.369
2	20	03	WF	N	1	16	319	16	2.131	3.8	61.30	451.81	3.8031	99.2654	0.927	51.5404	51.540
3	20	03	YP	N	1	95	0	38	2.000	2.5	95.00	397.00	2.0762	83.0500	0.337	26.9450	28.161
3	20	03	YP	N	2	32	38	32	2.000	2.2	68.83	155.72	0.4981	23.1567	0.088	8.1871	28.161

* CANNOT CALCULATE SAMPLING ERROR IF SMALL N EQUALS 1.

ST3: ERROR TERM, VOLUME AND CONFIDENCE INTERVAL (DS1)
PRIMARY PRODUCT VOLUME
FOR CUT TREES ONLY
CRUISE#: 001 SALE#: 001
SALENAME: ThommyPre
RUN DATE & TIME: 8/17/2016 5:29:10 PM

VERSION: 05.06.2016
VOLUME LIBRARY VERSION: 05.05.2016

STRATA	PROD CT	UOM	******** PRIMARY PRODUCT GROSS VOLUME **********				******* PRIMARY PRODUCT NET VOLUME ********			
					****** 95% CONFIDENCE *****				****** 95% CONFIDENCE ******	
					INTERVAL				INTERVAL	
			VOLUME*	ERROR	FROM	TO	VOLUME*	ERROR	FROM	TO
1	01	03	403637.6	20.90	319259	488016	380967.6	21.04	300830	461105
2	01	03	180639.0	13.72	155862	205416	166643.2	14.71	142138	191148
3	01	03	490844.2	28.54	350749	630939	470060.3	28.47	336216	603905
					---------- AGGREGATED BY PRODUCT ----------					
	01	03	1075120.9	15.39	909712	1240530	1017671.1	15.52	859757	1175585
					-------- AGGREGATED BY UNIT OF MEASURE --------					
		03	1075120.9	15.39	909712	1240530	1017671.1	15.52	859757	1175585
					---------- AGGREGATED BY STRATA ----------					
1		03	403637.6	20.90	319259	488016	380967.6	21.04	300830	461105
2		03	180639.0	13.72	155862	205416	166643.2	14.71	142138	191148
3		03	490844.2	28.54	350749	630939	470060.3	28.47	336216	603905

* UOM DETERMINES VALUES USED IN CALCULATION UNDER VOLUME

ST3: ERROR TERM, VOLUME AND CONFIDENCE INTERVAL (DS1)
SECONDARY PRODUCT VOLUME
FOR CUT TREES ONLY
CRUISE#: 001 SALE#: 001
SALENAME: ThommyPre
RUN DATE & TIME: 8/17/2016 5:29:10 PM

VERSION: 05.06.2016
VOLUME LIBRARY VERSION: 05.05.2016

STRATA	PROD CT	UOM	******** SECONDARY PRODUCT GROSS VOLUME **********				******* SECONDARY PRODUCT NET VOLUME ********			
				****** 95% CONFIDENCE *****				****** 95% CONFIDENCE ******		
				INTERVAL				INTERVAL		
			VOLUME*	ERROR	FROM	TO	VOLUME*	ERROR	FROM	TO
1	20	03	33599.2	21.33	26432	40766	33012.4	21.70	25848	40177
2	20	03	16342.8	11.81	14413	18273	15630.8	13.93	13454	17808
3	20	03	41482.7	28.18	29791	53174	41186.1	28.16	29588	52785
				---------- AGGREGATED BY PRODUCT ----------						
	20	03	91424.7	15.15	77576	105273	89829.2	15.37	76024	103635
				-------- AGGREGATED BY UNIT OF MEASURE --------						
		03	91424.7	15.15	77576	105273	89829.2	15.37	76024	103635
				---------- AGGREGATED BY STRATA ----------						
1		03	33599.2	21.33	26432	40766	33012.4	21.70	25848	40177
2		03	16342.8	11.81	14413	18273	15630.8	13.93	13454	17808
3		03	41482.7	28.18	29791	53174	41186.1	28.16	29588	52785

* UOM DETERMINES VALUES USED IN CALCULATION UNDER VOLUME

ST3: ERROR TERM, VOLUME AND CONFIDENCE INTERVAL (DS1)
TOTAL VOLUME
FOR CUT TREES ONLY
CRUISE#: 001 SALE#: 001
SALENAME: ThommyPre
RUN DATE & TIME: 8/17/2016 5:29:10 PM

VERSION: 05.06.2016
VOLUME LIBRARY VERSION: 05.05.2016

STRATA	PROD CT	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	03	1075120.9	15.39	909712	1240530	1017671.1	15.52	859757	1175585
	20	03	91424.7	15.15	77576	105273	89829.2	15.37	76024	103635
					-------- AGGREGATED BY UNIT OF MEASURE --------					
		03	1166545.5	14.23	1000558	1332534	1107500.3	14.31	948984	1266016
					---------- AGGREGATED BY STRATA ----------					
1		03	437236.9	19.37	352554	521919	413979.9	19.43	333523	494437
2		03	196981.8	12.62	172129	221834	182274.0	13.50	157672	206876
3		03	532326.9	26.41	391745	672909	511246.4	26.28	376900	645592

* UOM DETERMINES VALUES USED IN CALCULATION UNDER VOLUME

TC10: STAND TABLE FOR SALE 001 -- NET CUFT VOLUME
FOR PRIMARY PRODUCT ONLY - BY 2" DIAMETER CLASS
(12-inch class = 11.0 - 12.9 inches; 14-inch class = 13.0 - 14.9 inches, and so on.)
CRUISE#: 001 SALE#: 001
SALENAME: ThommyPre
RUN DATE & TIME: 8/17/2016 5:29:10 PM

VERSION: 05.06.2016
VOLUME LIBRARY VERSION: 05.05.2016

SPEC	CruiseDAL.DataObjects.TreeDefaultValueDO				DF	IC	JP	PP	SP	WF
PROD	01	01	01	01	01	01	01			
U OF M	03	03	03	03	03	03	03	TOTALS		
1-4	0	0	0	0	0	0	0	0		
6	0	0	0	0	0	0	0	0		
8	0	0	0	0	0	0	0	0		
10	0	0	488	0	4837	0	0	5324		
12	0	0	4781	39156	2488	401	935	47760		
14	0	58	6593	12790	58839	106	325	78711		
16	0	133	9455	22548	100891	210	2799	136036		
18	0	232	3827	24758	174908	0	2885	206609		
20	0	0	3424	43182	73732	0	4911	125248		
22	0	0	3536	9623	66606	420	0	80184		
24	0	0	3671	21565	114315	1447	0	140997		
26	0	0	9869	10267	51998	863	0	72997		
28	0	0	5377	29148	64995	2071	0	101591		
30	0	0	0	0	18778	0	3435	22213		
TOTALS	0	423	51020	213035	732384	5519	15290	1017671		

TC22: STAND TABLE FOR SALE 001 -- NET CUFT VOLUME
PRIMARY AND SECONDARY PRODUCTS - BY 2" DIAMETER CLASS
(12-inch class = 11.0 - 12.9 inches; 14-inch class = 13.0 - 14.9 inches, and so on.)
CRUISE#: 001 SALE#: 001
SALENAME: ThommyPre
RUN DATE & TIME: 8/17/2016 5:29:10 PM

VERSION: 05.06.2016
VOLUME LIBRARY VERSION: 05.05.2016

SPEC	CruiseDAL.DataObjects.TreeDefaultValueDO				DF	IC	JP	PP	SP	WF
PROD	ALL	ALL	ALL	ALL	ALL	ALL	ALL			
U OF M	ALL	ALL	ALL	ALL	ALL	ALL	ALL	TOTALS		
1-4	0	0	0	0	0	0	0	0		
6	0	0	0	0	0	0	0	0		
8	0	0	0	0	0	0	0	0		
10	0	0	763	0	5925	0	0	6688		
12	0	0	6106	45199	2993	487	1061	55846		
14	0	69	7812	14790	67833	122	357	90983		
16	0	142	10483	24633	109961	214	2955	148388		
18	0	262	4494	27678	190792	0	3244	226470		
20	0	0	3827	46217	78832	0	5146	134021		
22	0	0	3923	10291	71563	462	0	86239		
24	0	0	3945	22719	120380	1531	0	148575		
26	0	0	11013	10923	55544	936	0	78415		
28	0	0	6010	31158	69075	2218	0	108460		
30	0	0	0	0	19666	0	3750	23416		
TOTALS	0	473	58376	233607	792562	5970	16513	1107500		

TC4: STAND TABLE FOR STRATA 1 -- NET CUFT VOLUME
FOR PRIMARY PRODUCT ONLY - BY 2" DIAMETER CLASS
(12-inch class = 11.0 - 12.9 inches; 14-inch class = 13.0 - 14.9 inches, and so on.)
CRUISE#: 001 SALE#: 001
SALENAME: ThommyPre
RUN DATE & TIME: 8/17/2016 5:29:10 PM

VERSION: 05.06.2016
VOLUME LIBRARY VERSION: 05.05.2016

SPEC	CruiseDAL.DataObjects.TreeDefaultValueDO		JP	PP
PROD	01	01	01	
U OF M	03	03	03	TOTALS
1-4	0	0	0	0
6	0	0	0	0
8	0	0	0	0
10	0	0	4837	4837
12	0	16385	0	16385
14	0	12790	22123	34913
16	0	19678	33933	53611
18	0	24758	43373	68131
20	0	9878	22657	32535
22	0	9623	29100	38722
24	0	21565	51710	73274
26	0	10267	25949	36215
28	0	9303	13040	22344
TOTALS	0	134246	246721	380968

TC4: STAND TABLE FOR STRATA 2 -- NET CUFT VOLUME
FOR PRIMARY PRODUCT ONLY - BY 2" DIAMETER CLASS
(12-inch class = 11.0 - 12.9 inches; 14-inch class = 13.0 - 14.9 inches, and so on.)
CRUISE#: 001 SALE#: 001
SALENAME: ThommyPre
RUN DATE & TIME: 8/17/2016 5:29:10 PM

VERSION: 05.06.2016
VOLUME LIBRARY VERSION: 05.05.2016

SPEC PROD U OF M	DF 01 03	IC 01 03	JP 01 03	PP 01 03	SP 01 03	WF 01 03	TOTALS
1-4	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0
10	0	488	0	0	0	0	488
12	0	4781	1497	2488	401	935	10101
14	58	6593	0	0	106	325	7082
16	133	9455	2870	1683	210	2799	17150
18	232	3827	0	16433	0	2885	23376
20	0	3424	8265	0	0	4911	16600
22	0	3536	0	0	420	0	3956
24	0	3671	0	6226	1447	0	11343
26	0	9869	0	4632	863	0	15365
28	0	5377	0	31522	2071	0	38970
30	0	0	0	18778	0	3435	22213
TOTALS	423	51020	12632	81760	5519	15290	166643

TC4: STAND TABLE FOR STRATA 3 -- NET CUFT VOLUME
FOR PRIMARY PRODUCT ONLY - BY 2" DIAMETER CLASS
(12-inch class = 11.0 - 12.9 inches; 14-inch class = 13.0 - 14.9 inches, and so on.)
CRUISE#: 001 SALE#: 001
SALENAME: ThommyPre
RUN DATE & TIME: 8/17/2016 5:29:10 PM

VERSION: 05.06.2016
VOLUME LIBRARY VERSION: 05.05.2016

SPEC PROD U OF M	JP 01 03	PP 01 03	TOTALS
1-4	0	0	0
6	0	0	0
8	0	0	0
10	0	0	0
12	21274	0	21274
14	0	36716	36716
16	0	65276	65276
18	0	115102	115102
20	25039	51074	76113
22	0	37506	37506
24	0	56380	56380
26	0	21417	21417
28	19844	20433	40277
TOTALS	66157	403903	470060

UC10: NET CUFT VOLUME(FOR SAWTIMBER ONLY : PROD = 01)
BY SPECIES WITHIN CUTTING UNIT ACROSS ALL STRATA
FOR CUT TREES ONLY
CRUISE#: 001 SALE#: 001
SALENAME: ThommyPre
RUN DATE & TIME: 8/17/2016 5:29:10 PM

VERSION: 05.06.2016
VOLUME LIBRARY VERSION: 05.05.2016

SPEC---	CruiseDAL.DataObjects.TreeDefaultValueDO	DF	IC	JP	PP	SP	WF	TOTALS
2	0	0	0	59113	108639	0	0	167751
20	0	228	8534	2218	20101	569	863	32514
21	0	0	5523	839	8523	1081	1342	17309
22	0	0	0	14916	27413	0	0	42330
23	0	33	9356	4074	17039	1252	3068	34821
231	0	0	0	4837	29528	0	0	34365
232	0	0	0	10191	62220	0	0	72411
235	0	0	0	9328	56947	0	0	66275
4	0	0	3992	2919	15099	1024	4937	27972
601	0	0	0	2936	17928	0	0	20864
604	0	0	0	5182	31637	0	0	36819
605	0	0	0	5355	32692	0	0	38047
607	0	0	0	4491	27419	0	0	31910
609	0	0	0	1209	7382	0	0	8591
615	0	0	0	7946	48511	0	0	56456
622	0	0	0	14682	89639	0	0	104321
8	0	0	0	44196	81225	0	0	125421
81	0	0	0	8287	15230	0	0	23517
82	0	0	0	7734	14214	0	0	21949
9	0	163	23614	2581	20997	1593	5081	54028
TOTALS	0	423	51020	213035	732384	5519	15290	1017671

UC11: EST. NUMBER OF TREES(FOR SAWTIMBER ONLY : PROD = 01)
BY SPECIES WITHIN CUTTING UNIT ACROSS ALL STRATA
FOR CUT TREES ONLY
CRUISE#: 001 SALE#: 001
SALENAME: ThommyPre
RUN DATE & TIME: 8/17/2016 5:29:10 PM

VERSION: 05.06.2016
VOLUME LIBRARY VERSION: 05.05.2016

SPEC---	CruiseDAL.DataObjects.TreeDefaultValueDO	DF	IC	JP	PP	SP	WF	TOTALS
2	0	0	0	1825	2332	0	0	4157
20	0	7	333	58	197	10	18	623
21	0	0	216	21	78	19	28	362
22	0	0	0	461	588	0	0	1049
23	0	1	375	123	290	22	64	875
231	0	0	0	154	698	0	0	852
232	0	0	0	324	1472	0	0	1796
235	0	0	0	297	1347	0	0	1644
4	0	0	243	86	218	18	103	668
601	0	0	0	93	424	0	0	517
604	0	0	0	165	748	0	0	913
605	0	0	0	170	773	0	0	944
607	0	0	0	143	649	0	0	791
609	0	0	0	38	175	0	0	213
615	0	0	0	253	1147	0	0	1400
622	0	0	0	467	2120	0	0	2587
8	0	0	0	1364	1744	0	0	3108
81	0	0	0	256	327	0	0	583
82	0	0	0	239	305	0	0	544
9	0	5	1300	70	220	28	106	1729
TOTALS	0	13	2467	6606	15853	97	319	25356

STRATA	UNIT	SMP GRP	PROD	UOM	AVGDEF % BDFT	AVGDEF % CUFT	GROSS BDFT / CUFT RATIO	NET BDFT / CUFT RATIO	EST. NO OF TREES	** GROSS VOLUME ** BDFT	** GROSS VOLUME ** CUFT	** NET VOLUME ** BDFT	** NET VOLUME ** CUFT	CORDS
					********** PRIMARY PRODUCT **********				********** STRATA LEVEL **********					
1	2	YP	01	03	5	5	5.6835	5.6967	4157	1010148	177733	955628	167751	
			UNIT 2 TOTAL		5	5	5.6835	5.6967	4157	1010148	177733	955628	167751	0.00
1	8	YP	01	03	5	5	5.6835	5.6967	3108	755251	132885	714488	125421	
			UNIT 8 TOTAL		5	5	5.6835	5.6967	3108	755251	132885	714488	125421	0.00
1	22	YP	01	03	5	5	5.6835	5.6967	1049	254897	44849	241140	42330	
			UNIT 22 TOTAL		5	5	5.6835	5.6967	1049	254897	44849	241140	42330	0.00
1	81	YP	01	03	5	5	5.6835	5.6967	583	141610	24916	133967	23517	
			UNIT 81 TOTAL		5	5	5.6835	5.6967	583	141610	24916	133967	23517	0.00
1	82	YP	01	03	5	5	5.6835	5.6967	544	132169	23255	125035	21949	
			UNIT 82 TOTAL		5	5	5.6835	5.6967	544	132169	23255	125035	21949	0.00
			STRATA 1 TOTAL		5	5	5.6835	5.6967	9441	2294076	403638	2170258	380968	0.00
2	4	C1	01	03	1	2	4.4501	4.4750	229	14084	3165	13809	3086	
2	4	C2	01	03	11	11	5.5483	5.5434	14	5666	1021	5022	906	
2	4	DF	01	03	0	0	0.0000	0.0000	0	0	0	0	0	
2	4	P1	01	03	7	7	5.2450	5.2741	234	43420	8278	40274	7636	
2	4	P2	01	03	9	9	6.6794	6.6784	70	76378	11435	69339	10383	
2	4	SP	01	03	6	6	5.9440	5.9478	18	6522	1097	6091	1024	
2	4	WF	01	03	5	5	5.8824	5.8756	103	30772	5231	29008	4937	
			UNIT 4 TOTAL		7	7	5.8503	5.8467	668	176841	30228	163542	27972	0.00
2	9	C1	01	03	1	2	4.4501	4.4750	1181	72632	16321	71214	15914	

UC2: VOLUME BY SAMPLE GROUP WITHIN CUTTING UNIT FOR EACH STRATUM-SAWTIMBER
FOR CUT TREES ONLY
CRUISE#: 001 SALE#: 001
SALENAME: ThommyPre
RUN DATE & TIME: 8/17/2016 5:29:10 PM

VERSION: 05.06.2016
VOLUME LIBRARY VERSION: 05.05.2016

STRATA	UNIT	SMP GRP	PROD	OFM	AVGDEF BDFT %	AVGDEF CUFT %	GROSS BDFT CUFT RATIO	NET BDFT CUFT RATIO	EST. NO OF TREES	** GROSS VOLUME ** BDFT	CUFT	** NET VOLUME ** BDFT	CUFT	CORDS
					********** PRIMARY PRODUCT **********				********** STRATA LEVEL **********					
2	9	C2	01	03	11	11	5.5483	5.5434	119	48163	8681	42683	7700	
2	9	DF	01	03	12	11	5.3705	5.2882	5	988	184	860	163	
2	9	P1	01	03	7	7	5.2450	5.2741	168	31173	5943	28915	5482	
2	9	P2	01	03	9	9	6.6794	6.6784	122	133116	19929	120848	18095	
2	9	SP	01	03	6	6	5.9440	5.9478	28	10145	1707	9475	1593	
2	9	WF	01	03	5	5	5.8824	5.8756	106	31668	5384	29853	5081	
			UNIT 9 TOTAL		7	7	5.6387	5.6239	1729	327885	58149	303848	54028	0.00
2	20	C1	01	03	1	2	4.4501	4.4750	254	15621	3510	15316	3423	
2	20	C2	01	03	11	11	5.5483	5.5434	79	31974	5763	28336	5112	
2	20	DF	01	03	12	11	5.3705	5.2882	7	1383	257	1204	228	
2	20	P1	01	03	7	7	5.2450	5.2741	134	24864	4741	23063	4373	
2	20	P2	01	03	9	9	6.6794	6.6784	121	132024	19766	119857	17947	
2	20	SP	01	03	6	6	5.9440	5.9478	10	3623	610	3384	569	
2	20	WF	01	03	5	5	5.8824	5.8756	18	5378	914	5069	863	
			UNIT 20 TOTAL		8	8	6.0422	6.0353	623	214867	35561	196230	32514	0.00
2	21	C1	01	03	1	2	4.4501	4.4750	165	10148	2280	9950	2223	
2	21	C2	01	03	11	11	5.5483	5.5434	51	20641	3720	18293	3300	
2	21	DF	01	03	0	0	0.0000	0.0000	0	0	0	0	0	
2	21	P1	01	03	7	7	5.2450	5.2741	46	8536	1627	7917	1501	
2	21	P2	01	03	9	9	6.6794	6.6784	53	57829	8658	52499	7861	
2	21	SP	01	03	6	6	5.9440	5.9478	19	6884	1158	6430	1081	
2	21	WF	01	03	5	5	5.8824	5.8756	28	8365	1422	7886	1342	
			UNIT 21 TOTAL		8	8	5.9579	5.9493	362	112403	18866	102974	17309	0.00
2	23	C1	01	03	1	2	4.4501	4.4750	291	17897	4022	17547	3921	
2	23	C2	01	03	11	11	5.5483	5.5434	84	33998	6128	30129	5435	
2	23	DF	01	03	12	11	5.3705	5.2882	1	198	37	172	33	
2	23	P1	01	03	7	7	5.2450	5.2741	347	64388	12276	59722	11324	
2	23	P2	01	03	9	9	6.6794	6.6784	66	72013	10781	65377	9789	
2	23	SP	01	03	6	6	5.9440	5.9478	22	7971	1341	7445	1252	
2	23	WF	01	03	5	5	5.8824	5.8756	64	19120	3250	18024	3068	

UC2: VOLUME BY SAMPLE GROUP WITHIN CUTTING UNIT FOR EACH STRATUM-SAWTIMBER
FOR CUT TREES ONLY
CRUISE#: 001 SALE#: 001
SALENAME: ThommyPre
RUN DATE & TIME: 8/17/2016 5:29:10 PM

VERSION: 05.06.2016
VOLUME LIBRARY VERSION: 05.05.2016

STRATA	UNIT	SMP GRP	PROD	UOM	AVGDEF % BDFT	AVGDEF % CUFT	GROSS BDFT CUFT RATIO	NET BDFT CUFT RATIO	EST. NO OF TREES	** GROSS VOLUME ** BDFT	CUFT	** NET VOLUME ** BDFT	CUFT	CORDS
					********** PRIMARY PRODUCT **********				********** STRATA LEVEL **********					
	UNIT 23	TOTAL			7	7	5.6980	5.6981	875	215584	37835	198417	34821	0.00
	STRATA 2	TOTAL			7	7	5.7993	5.7909	4257	1047580	180639	965011	166643	0.00
3 615 YP	01 03				4	4	5.5255	5.5257	1400	325740	58953	311963	56456	
	UNIT 615	TOTAL			4	4	5.5255	5.5257	1400	325740	58953	311963	56456	0.00
3 622 YP	01 03				4	4	5.5255	5.5257	2587	601911	108934	576453	104321	
	UNIT 622	TOTAL			4	4	5.5255	5.5257	2587	601911	108934	576453	104321	0.00
3 604 YP	01 03				4	4	5.5255	5.5257	913	212439	38447	203454	36819	
	UNIT 604	TOTAL			4	4	5.5255	5.5257	913	212439	38447	203454	36819	0.00
3 605 YP	01 03				4	4	5.5255	5.5257	944	219521	39729	210236	38047	
	UNIT 605	TOTAL			4	4	5.5255	5.5257	944	219521	39729	210236	38047	0.00
3 607 YP	01 03				4	4	5.5255	5.5257	791	184114	33321	176327	31910	
	UNIT 607	TOTAL			4	4	5.5255	5.5257	791	184114	33321	176327	31910	0.00
3 232 YP	01 03				4	4	5.5255	5.5257	1796	417797	75613	400126	72411	
	UNIT 232	TOTAL			4	4	5.5255	5.5257	1796	417797	75613	400126	72411	0.00
3 231 YP	01 03				4	4	5.5255	5.5257	852	198277	35884	189890	34365	
	UNIT 231	TOTAL			4	4	5.5255	5.5257	852	198277	35884	189890	34365	0.00
3 601 YP	01 03				4	4	5.5255	5.5257	517	120382	21787	115291	20864	
	UNIT 601	TOTAL			4	4	5.5255	5.5257	517	120382	21787	115291	20864	0.00

UC2: VOLUME BY SAMPLE GROUP WITHIN CUTTING UNIT FOR EACH STRATUM-SAWTIMBER
FOR CUT TREES ONLY
CRUISE#: 001 SALE#: 001
SALENAME: ThommyPre
RUN DATE & TIME: 8/17/2016 5:29:10 PM

VERSION: 05.06.2016
VOLUME LIBRARY VERSION: 05.05.2016

STRATA	UNIT	SMP GRP	PROD	UOM	AVGDEF % BDFT	% CUFT	GROSS BDFT CUFT RATIO	NET BDFT CUFT RATIO	EST. NO OF TREES	** GROSS VOLUME ** BDFT	CUFT	** NET VOLUME ** BDFT	CUFT	CORDS
					********** PRIMARY PRODUCT **********				********** STRATA LEVEL **********					
3	235	YP	01	03	4	4	5.5255	5.5257	1644	382391	69205	366217	66275	
			UNIT 235 TOTAL		4	4	5.5255	5.5257	1644	382391	69205	366217	66275	0.00
3	609	YP	01	03	4	4	5.5255	5.5257	213	49569	8971	47473	8591	
			UNIT 609 TOTAL		4	4	5.5255	5.5257	213	49569	8971	47473	8591	0.00
			STRATA 3 TOTAL		4	4	5.5255	5.5257	11658	2712142	490844	2597429	470060	0.00

TOTALS ------	EST. NO OF TREES	***** GROSS VOLUME ***** BDFT	CUFT	****** NET VOLUME ****** BDFT	CUFT	CORDS
	25356	6053798	1075121	5732698	1017671	0.00

* 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.

UC8: NET BDFT VOLUME(FOR SAWTIMBER ONLY : PROD = 01)
BY SPECIES WITHIN CUTTING UNIT ACROSS ALL STRATA
FOR CUT TREES ONLY
CRUISE#: 001 SALE#: 001
SALENAME: ThommyPre
RUN DATE & TIME: 8/17/2016 5:29:10 PM

VERSION: 05.06.2016
VOLUME LIBRARY VERSION: 05.05.2016

SPEC---	CruiseDAL.DataObjects.TreeDefaultValueDO	DF	IC	JP	PP	SP	WF	TOTALS
2	0	0	0	330869	624760	0	0	955628
20	0	1204	43652	11777	131143	3384	5069	196230
21	0	0	28242	4463	55953	6430	7886	102974
22	0	0	0	83490	157650	0	0	241140
23	0	172	47677	21428	103671	7445	18024	198417
231	0	0	0	26180	163710	0	0	189890
232	0	0	0	55166	344960	0	0	400126
235	0	0	0	50491	315726	0	0	366217
4	0	0	18830	15385	94228	6091	29008	163542
601	0	0	0	15895	99395	0	0	115291
604	0	0	0	28051	175403	0	0	203454
605	0	0	0	28986	181250	0	0	210236
607	0	0	0	24310	152016	0	0	176327
609	0	0	0	6545	40927	0	0	47473
615	0	0	0	43011	268952	0	0	311963
622	0	0	0	79476	496976	0	0	576453
8	0	0	0	247378	467110	0	0	714488
81	0	0	0	46383	87583	0	0	133967
82	0	0	0	43291	81744	0	0	125035
9	0	860	113897	13676	136086	9475	29853	303848
TOTALS	0	2236	252298	1176252	4179246	32825	89841	5732698

UC9: GROSS CUFT VOLUME(FOR SAWTIMBER ONLY : PROD = 01)
BY SPECIES WITHIN CUTTING UNIT ACROSS ALL STRATA
FOR CUT TREES ONLY
CRUISE#: 001 SALE#: 001
SALENAME: ThommyPre
RUN DATE & TIME: 8/17/2016 5:29:10 PM

VERSION: 05.06.2016
VOLUME LIBRARY VERSION: 05.05.2016

SPEC---	CruiseDAL.DataObjects.TreeDefaultValueDO	DF	IC	JP	PP	SP	WF	TOTALS
2	0	0	0	62355	115379	0	0	177733
20	0	257	9273	2290	22216	610	914	35561
21	0	0	6001	866	9419	1158	1422	18866
22	0	0	0	15734	29114	0	0	44849
23	0	37	10149	4207	18850	1341	3250	37835
231	0	0	0	5013	30872	0	0	35884
232	0	0	0	10562	65051	0	0	75613
235	0	0	0	9667	59538	0	0	69205
4	0	0	4186	3015	16698	1097	5231	30228
601	0	0	0	3043	18743	0	0	21787
604	0	0	0	5371	33077	0	0	38447
605	0	0	0	5550	34179	0	0	39729
607	0	0	0	4655	28666	0	0	33321
609	0	0	0	1253	7718	0	0	8971
615	0	0	0	8235	50718	0	0	58953
622	0	0	0	15217	93717	0	0	108934
8	0	0	0	46620	86264	0	0	132885
81	0	0	0	8741	16175	0	0	24916
82	0	0	0	8159	15096	0	0	23255
9	0	184	25002	2664	23209	1707	5384	58149
TOTALS	0	478	54611	223217	774700	5913	16202	1075121

STRATA	SPECIES	PROD	SOURCE	SUOF	LIVE	LEAVE	YLD COMP	SAMP GRP	STM	TREE GRD	CONTR SPEC	# OF MEAS TREES	QUAD MEAN DBH	MEAN DBH	MEAN TOT HGT	AVG DEFT % BDFT	CUFT	GROSS BDFT CUFT RATIO	NET BDFT CUFT RATIO	EST. # OF TREES	STRATA LEVEL: VOLUME *** GROSS *** BDFT	CUFT	**** NET **** BDFT	CUFT	CORDS
1	JP	01	P	03	L	C	CL	YP	N	1		17	16.2	15.7	77.1	4	5	5.575	5.597	4145	789512	141609	751412	134246	0.0
1	JP	20	S	03	L	C	CL	YP	N	1											42734	13859	42106	13754	0.0
1	PP	01	P	03	L	C	CL	YP	N	1		27	18.1	17.6	84.9	5	5	5.742	5.751	5296	1504564	262028	1418846	246721	0.0
1	PP	20	S	03	L	C	CL	YP	N	1											57455	19741	55900	19258	0.0
2	IC	01	P	03	L	C	CL	C1	N	1		20	14.1	13.9	53.8	1	2	4.450	4.475	2120	130380	29298	127836	28567	0.0
2	IC	20	S	03	L	C	CL	C1	N	1											21200	5099	20140	4918	0.0
2	IC	01	P	03	L	C	CL	C2	N	1		19	25.1	25.0	89.6	11	11	5.548	5.543	347	140442	25313	124462	22453	0.0
2	IC	20	S	03	L	C	CL	C2	N	1											7670	2438	7670	2438	0.0
2	DF	01	P	03	L	C	CL	DF	N	1		4	16.6	16.5	84.8	12	11	5.370	5.288	13	2568	478	2236	423	0.0
2	DF	20	S	03	L	C	CL	DF	N	1											163	50	163	50	0.0
2	JP	01	P	03	L	C	CL	P1	N	1		3	15.8	15.6	77.7	3	3	5.247	5.239	310	52643	10033	50888	9713	0.0
2	JP	20	S	03	L	C	CL	P1	N	1											2064	919	1032	702	0.0
2	PP	01	P	03	L	C	CL	P1	N	1		6	15.9	15.6	86.5	8	9	5.244	5.291	619	119738	22833	109002	20603	0.0
2	PP	20	S	03	L	C	CL	P1	N	1											8258	2395	7226	2095	0.0
2	JP	01	P	03	L	C	CL	P2	N	1		1	20.7	20.7	91.0	2	3	5.423	5.428	48	16320	3010	15840	2918	0.0
2	JP	20	S	03	L	C	CL	P2	N	1											480	182	480	182	0.0
2	PP	01	P	03	L	C	CL	P2	N	1		8	27.5	27.4	136.6	9	9	6.735	6.738	384	455040	67560	412080	61157	0.0
2	PP	20	S	03	L	C	CL	P2	N	1											13440	3571	13440	3571	0.0
2	SP	01	P	03	L	C	CL	SP	N	1		13	19.8	18.6	84.7	6	6	5.944	5.948	97	35146	5913	32825	5519	0.0
2	SP	20	S	03	L	C	CL	SP	N	1											1567	467	1492	451	0.0
2	WF	01	P	03	L	C	CL	WF	N	1		16	17.9	17.4	84.1	5	5	5.882	5.876	319	95304	16202	89841	15290	0.0
2	WF	20	S	03	L	C	CL	WF	N	1											3389	1222	3389	1222	0.0
3	JP	01	P	03	L	C	CL	YP	N	1		5	16.1	15.5	72.2	3	3	5.408	5.413	2104	370798	68565	358111	66157	0.0
3	JP	20	S	03	L	C	CL	YP	N	1											18767	5933	18767	5933	0.0

VSM1: LOW LEVEL VOLUME SUMMARY (B1)
FOR CUT AND LEAVE TREES
CRUISE#: 001 SALE#: 001
SALENAME: ThommyPre
RUN DATE & TIME: 8/17/2016 5:29:10 PM

VERSION: 05.06.2016
VOLUME LIBRARY VERSION: 05.05.2016

STRATA	SPECIES	PRODUCT	PROD SOURCE	UOF	LIVE	LEAVE	YLD COMP	SAM GRP	STM	TREE GRD	CONTR SPEC	# OF MEAS TREES	QUAD MEAN DBH	MEAN DBH	MEAN TOT HGT	AVG DEFT % BDFT	AVG DEFT % CUFT	GROSS BDFT CUFT RATIO	NET BDFT CUFT RATIO	EST. # OF TREES	STRATA LEVEL VOLUME GROSS BDFT	GROSS CUFT	NET BDFT	NET CUFT	CORDS
3	PP	01	P	03	L	C	CL	YP	N	1		27	17.6	17.3	81.2	4	4	5.545	5.544	9554	2341344	422279	2239317	403903	0.0
3	PP	20	S	03	L	C	CL	YP	N	1											111602	35549	110861	35253	0.0

TOTALS --- PRODUCT	PRODUCT SOURCE	EST. NO OF TREES	GROSS VOLUME BDFT	GROSS VOLUME CUFT	NET VOLUME BDFT	NET VOLUME CUFT	CORDS
01	P	25356	6053798	1075121	5732698	1017671	0.0
20	S		288790	91425	282666	89829	0.0
		25356	6342588	1166546	6015364	1107500	0.0

PRODUCT SOURCE KEY:

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

'he 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.

VSM2: VOLUME SUMMARY FOR SAMPLE GROUP (CP1)
FOR CUT TREES ONLY
CRUISE#: 001 SALE#: 001
SALENAME: ThommyPre
RUN DATE & TIME: 8/17/2016 5:29:10 PM

VERSION: 05.06.2016
VOLUME LIBRARY VERSION: 05.05.2016

STRATA	PROD CODE	SOURCE	OF MEASURE	SAMPLE GROUP	STOCKING	# OF TREES MEASURED	# OF TREES TALLIED	QUAD MEAN DBH	MEAN DBH	MEAN TOT HGT	AVG DEFT % BDFT	AVG DEFT % CUFT	GROSS BDFT RATIO	NET BDFT RATIO	EST. # OF TREES	GROSS BDFT	GROSS CUFT	NET BDFT	NET CUFT	CORDS
																STRATA LEVEL				
																VOLUME				
																GROSS		NET		
1	01	P	03	YP	N	44	152	17.3	16.7	81.5	5	5	5.684	5.697	9441	2294076	403638	2170258	380968	0.0
1	20	S	03	YP	N											100189	33599	98005	33012	0.0
2	01	P	03	C1	N	20	2120	14.1	13.9	53.8	1	2	4.450	4.475	2120	130380	29298	127836	28567	0.0
2	20	S	03	C1	N											21200	5099	20140	4918	0.0
2	01	P	03	C2	N	19	347	25.1	25.0	89.6	11	11	5.548	5.543	347	140442	25313	124462	22453	0.0
2	20	S	03	C2	N											7670	2438	7670	2438	0.0
2	01	P	03	DF	N	4	13	16.6	16.5	84.8	12	11	5.370	5.288	13	2568	478	2236	423	0.0
2	20	S	03	DF	N											163	50	163	50	0.0
2	01	P	03	P1	N	9	1856	15.8	15.6	83.6	7	7	5.245	5.274	929	172381	32866	159891	30316	0.0
2	20	S	03	P1	N											10322	3313	8258	2797	0.0
2	01	P	03	P2	N	9	861	26.8	26.7	131.6	9	9	6.679	6.678	432	471360	70570	427920	64075	0.0
2	20	S	03	P2	N											13920	3754	13920	3754	0.0
2	01	P	03	SP	N	13	97	19.8	18.6	84.7	6	6	5.944	5.948	97	35146	5913	32825	5519	0.0
2	20	S	03	SP	N											1567	467	1492	451	0.0
2	01	P	03	WF	N	16	319	17.9	17.4	84.1	5	5	5.882	5.876	319	95304	16202	89841	15290	0.0
2	20	S	03	WF	N											3389	1222	3389	1222	0.0
3	01	P	03	YP	N	32	95	17.4	17.0	79.5	4	4	5.525	5.526	11658	2712142	490844	2597429	470060	0.0
3	20	S	03	YP	N											130369	41483	129628	41186	0.0

TOTALS ------

PRODUCT	PRODUCT SOURCE	QUAD MEAN DBH	MEAN DBH	MEAN TOT HGT	EST. # OF TREES	VOLUME GROSS BDFT	VOLUME GROSS CUFT	VOLUME NET BDFT	VOLUME NET CUFT	CORDS
						GROSS		NET		

VSM2: VOLUME SUMMARY FOR SAMPLE GROUP (CP1)
FOR CUT TREES ONLY
CRUISE#: 001 SALE#: 001
SALENAME: ThommyPre
RUN DATE & TIME: 8/17/2016 5:29:10 PM

VERSION: 05.06.2016
VOLUME LIBRARY VERSION: 05.05.2016

STRATA	PRODUCT	PROD SOURCE	UOF	SAMGRP	STM	# OF TREES MEASURED	TALLIED	QUAD MEAN DBH	MEAN DBH	MEAN TOT HGT	AVG DEFT % BDFT	AVG DEFT % CUFT	GROSS BDFT CUFT RATIO	NET BDFT CUFT RATIO	EST. # OF TREES	STRATA LEVEL VOLUME GROSS BDFT	GROSS CUFT	NET BDFT	NET CUFT	CORDS
	01			P		17.4		16.9		79.4				25356		6053798	1075121	5732698	1017671	0.0
	20			S												288790	91425	282666	89829	0.0
						17.4		16.9		79.4				25356		6342588	1166546	6015364	1107500	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.

VSM3: VOLUME SUMMARY FOR STRATA (CS1)
FOR CUT TREES ONLY
CRUISE#: 001 SALE#: 001
SALENAME: ThommyPre
RUN DATE & TIME: 8/17/2016 5:29:10 PM

VERSION: 05.06.2016
VOLUME LIBRARY VERSION: 05.05.2016

STRATA	PRODUCT	PROD SOURCE	UOM	# OF TREES MEASURED	# OF TREES TALLIED	QUAD MEAN DBH	MEAN DBH	MEAN TOT HGT	AVG DEFT % BDFT	AVG DEFT % CUFT	GROSS BDFT CUFT RATIO	NET BDFT CUFT RATIO	EST. # OF TREES	STRATA LEVEL VOLUME *** GROSS *** BDFT	CUFT	**** NET **** BDFT	CUFT	CORDS
1	01	P	03	44	152	17.3	16.7	81.5	5	5	5.684	5.697	9441	2294076	403638	2170258	380968	0.0
1	20	S	03											100189	33599	98005	33012	0.0
2	01	P	03	90	5613	17.7	16.9	74.2	7	7	5.799	5.791	4257	1047580	180639	965011	166643	0.0
2	20	S	03											58232	16343	55033	15631	0.0
3	01	P	03	32	95	17.4	17.0	79.5	4	4	5.525	5.526	11658	2712142	490844	2597429	470060	0.0
3	20	S	03											130369	41483	129628	41186	0.0

TOTALS ------

PRODUCT	PRODUCT SOURCE	QUAD MEAN DBH	MEAN DBH	MEAN TOT HGT	GROSS BF/CF RATIO	NET BF/CF RATIO	EST. # OF TREES	VOLUME ***** GROSS ***** BDFT	CUFT	***** NET ***** BDFT	CUFT	CORDS
01	P	17.4	16.9	79.4	5.6308	5.6332	25356	6053798	1075121	5732698	1017671	0.0
20	S							288790	91425	282666	89829	0.0
		17.4	16.9	79.4	5.4371	5.4315	25356	6342588	1166546	6015364	1107500	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.

>>
WT1>> No equations entered so no weights for this report
>>

LOCAL VOLUME TABLE REPORT - NetCUFT Primary
CRUISE #: 001 SALE #: 001
SALENAME: ThommyPre
RUN DATE & TIME: 8/17/2016 5:31:32 PM

Species	DF	IC	IC	JP	PP	PP	SP	WF
Product	01	01	01	01	01	01	01	01
L/D	L	L	L	L	L	L	L	L
DBH								
10	----	4.18	4.18	----	14.13	14.13	----	----
11	----	5.56	5.56	9.09	14.24	14.24	6.77	11.90
12	----	7.20	7.20	12.20	15.30	15.30	9.93	14.74
13	15.55	9.15	9.15	15.82	17.33	17.33	13.65	18.26
14	19.27	11.41	11.41	19.94	20.32	20.32	17.91	22.45
15	23.52	14.02	14.02	24.58	24.27	24.27	22.73	27.33
16	28.34	17.00	17.00	29.72	29.17	29.17	28.10	32.88
17	33.76	20.37	20.37	35.37	35.05	35.05	34.02	39.12
18	39.82	24.16	24.16	41.53	41.88	41.88	40.49	46.04
19	46.56	28.39	28.39	48.20	49.67	49.67	47.52	53.64
20	----	33.09	33.09	55.38	58.43	58.43	55.10	61.91
21	----	38.27	38.27	63.06	68.14	68.14	63.23	70.87
22	----	43.97	43.97	71.26	78.82	78.82	71.91	80.51
23	----	50.21	50.21	79.96	90.46	90.46	81.14	90.83
24	----	57.01	57.01	89.17	103.05	103.05	90.93	101.83
25	----	64.40	64.40	98.89	116.61	116.61	101.26	113.51
26	----	72.40	72.40	109.12	131.14	131.14	112.15	125.87
27	----	81.03	81.03	119.86	146.62	146.62	123.60	138.91
28	----	90.32	90.32	131.11	163.06	163.06	135.59	152.63
29	----	100.29	100.29	----	180.47	180.47	148.14	167.03
30	----	----	----	----	198.83	198.83	----	182.12

LOCAL VOLUME TABLE REPORT - NetCUFT Primary - Regression Results
CRUISE #: 001 SALE #: 001
SALENAME: ThommyPre
RUN DATE & TIME: 8/17/2016 5:31:32 PM

Species DF Product 01 Live/Dead L

Model	Number	RSquare	MS Error	Min	Max	Equation
Power	4	0.6632	107.7011	13.7	18.2	0.009406*(DBH^2.889206)

Species IC Product 01 Live/Dead L

Model	Number	RSquare	MS Error	Min	Max	Equation
Power	39	0.9526	90.5534	10.2	28.5	0.004331*(DBH^2.984633)

Species IC Product 01 Live/Dead L

Model	Number	RSquare	MS Error	Min	Max	Equation
Power	39	0.9526	90.5534	10.2	28.5	0.004331*(DBH^2.984633)

Species JP Product 01 Live/Dead L

Model	Number	RSquare	MS Error	Min	Max	Equation
Quadratic	26	0.9516	66.9662	11.0	27.6	8.462944 + -2.740144*DBH + 0.254296*DBH*DBH

Species PP Product 01 Live/Dead L

Model	Number	RSquare	MS Error	Min	Max	Equation
Quadratic	68	0.9501	125.7400	10.3	29.7	65.958839 + -9.988294*DBH + 0.480580*DBH*DBH

Species PP Product 01 Live/Dead L

Model	Number	RSquare	MS Error	Min	Max	Equation
Quadratic	68	0.9501	125.7400	10.3	29.7	65.958839 + -9.988294*DBH + 0.480580*DBH*DBH

Species SP Product 01 Live/Dead L

Model	Number	RSquare	MS Error	Min	Max	Equation
Quadratic	13	0.9205	282.2591	11.1	28.7	8.440400 + -3.187929*DBH + 0.276035*DBH*DBH

Species WF Product 01 Live/Dead L

Model	Number	RSquare	MS Error	Min	Max	Equation
Quadratic	16	0.8976	183.8099	11.7	29.3	25.618092 + -4.988667*DBH + 0.340175*DBH*DBH

LOCAL VOLUME TABLE REPORT - NetCUFT Primary
CRUISE #: 001 SALE #: 001
SALENAME: ThommyPre
RUN DATE & TIME: 8/18/2016 6:53:34 AM

Species	DF	IC	JP	PP	SP	WF
Product	01	01	01	01	01	01
L/D	L	L	L	L	L	L
DBH						
10	----	4.18	----	14.13	----	----
11	----	5.56	9.09	14.24	6.77	11.90
12	----	7.20	12.20	15.30	9.93	14.74
13	15.55	9.15	15.82	17.33	13.65	18.26
14	19.27	11.41	19.94	20.32	17.91	22.45
15	23.52	14.02	24.58	24.27	22.73	27.33
16	28.34	17.00	29.72	29.17	28.10	32.88
17	33.76	20.37	35.37	35.05	34.02	39.12
18	39.82	24.16	41.53	41.88	40.49	46.04
19	46.56	28.39	48.20	49.67	47.52	53.64
20	----	33.09	55.38	58.43	55.10	61.91
21	----	38.27	63.06	68.14	63.23	70.87
22	----	43.97	71.26	78.82	71.91	80.51
23	----	50.21	79.96	90.46	81.14	90.83
24	----	57.01	89.17	103.05	90.93	101.83
25	----	64.40	98.89	116.61	101.26	113.51
26	----	72.40	109.12	131.14	112.15	125.87
27	----	81.03	119.86	146.62	123.60	138.91
28	----	90.32	131.11	163.06	135.59	152.63
29	----	100.29	----	180.47	148.14	167.03
30	----	----	----	198.83	----	182.12

LOCAL VOLUME TABLE REPORT - NetCUFT Primary - Regression Results
CRUISE #: 001 SALE #: 001
SALENAME: ThommyPre
RUN DATE & TIME: 8/18/2016 6:53:34 AM

Species DF Product 01 Live/Dead L

Model	Number	RSquare	MS Error	Min	Max	Equation
Power	4	0.6632	107.7011	13.7	18.2	0.009406*(DBH^2.889206)

Species IC Product 01 Live/Dead L

Model	Number	RSquare	MS Error	Min	Max	Equation
Power	39	0.9526	90.5534	10.2	28.5	0.004331*(DBH^2.984633)

Species JP Product 01 Live/Dead L

Model	Number	RSquare	MS Error	Min	Max	Equation
Quadratic	26	0.9516	66.9662	11.0	27.6	8.462944 + -2.740144*DBH + 0.254296*DBH*DBH

Species PP Product 01 Live/Dead L

Model	Number	RSquare	MS Error	Min	Max	Equation
Quadratic	68	0.9501	125.7400	10.3	29.7	65.958839 + -9.988294*DBH + 0.480580*DBH*DBH

Species SP Product 01 Live/Dead L

Model	Number	RSquare	MS Error	Min	Max	Equation
Quadratic	13	0.9205	282.2591	11.1	28.7	8.440400 + -3.187929*DBH + 0.276035*DBH*DBH

Species WF Product 01 Live/Dead L

Model	Number	RSquare	MS Error	Min	Max	Equation
Quadratic	16	0.8976	183.8099	11.7	29.3	25.618092 + -4.988667*DBH + 0.340175*DBH*DBH