

Report No: 2
 2004 Jun 16
 15:25:06

Ministry of Forests - Inventory Branch
 Growth and Yield Section
 Sample Collection & Edit System - Data Dictionary

Version 7.00
 (1997.07.23)

Data Structure for:ACCESS.DBF

Field Name	Field #	Column #	Data Type	Total Lngth	Deci- mals	Data Srce	Field Description.....
DB_KEY	1	1	C	16	0	F	Sample ID: This is a composite field defining the unique key which identifies a sample. It's structure is Region + Compartment + Letter + Installation + Number + Type, which occupies the 1st. 13 bytes of DB_Key. The last 3 bytes of the 13 are filler bytes set to spaces.
AN_ODOMETR	2	17	N	8	1	R	Access Odometer Reading: This is the actual odometer reading for this access note.
AN_SEQNO	3	25	N	2	0	D	Access Note Sequence#: Provides a sequence for the access note segments within a complete access note. One or more access note segments form the complete access note for the particular odomete reading.
AN_OD_INC	4	27	N	8	1	D	Access Note Odometer Increment: The distance since the last access note.
AN_COMMENT	5	35	C	60	0	R	Access Note segment: This is a segment of the note describing the step or important feature along the route to the sample. All the segments for an odometer reading are joined together in AN_SEQNO sequence to form the complete access note.

Number of Cols: 94

Version 7.00
 (1997.07.23)

Data Structure for:DOT.DBF

Field Name	Field #	Column #	Data Type	Total Lngth	Deci- mals	Data Srce	Field Description.....
DB_KEY	1	1	C	16	0	F	Sample ID: This is a composite field defining the unique key which identifies a sample. It's structure is Region + Compartment + Letter + Installation + Number + Type, which occupies the 1st. 13 bytes of DB_Key. The last 3 bytes of the 13 are filler bytes set to spaces.
PL_PLOT_NO	2	17	N	2	0	F	PLOT.PLOT_NUMBER. Plot identification Number; Range 1 thru 99.
SM_MEAS_NO	3	19	N	2	0	F	.SP_MEAS.MEASUREMENT_NUMBER. The number assigned to this measurement. When a sample is established, it's measurement# will be 0. On sample re-measurement, the measurement# is the increment of it's previous value.
DC_SPECIES	4	21	C	3	0	R	Tree Species: See TR_SPECIES.
DC_CLASS0	5	24	N	4	0	R	Dot Count - Live Tree Diameter Class 0 trees: Height Range 0.3 - 1.3meters.
DC_CLASS1	6	28	N	4	0	R	Dot Count - Live Tree Diameter Class 1 Trees: Diameter Range 0.0 - 1.9cm.
DC_CLASS2	7	32	N	4	0	R	Dot Count - Live Tree Diameter Class 2 Trees: Diameter Range 2.0 - 3.9cm.
DC_CLASS3	8	36	N	4	0	R	Dot Count - Live Tree Diameter Class 3 Trees: Diameter Range 4.0 - 5.9cm.
DC_CLASS4	9	40	N	4	0	R	Dot Count - Live Tree Diameter Class 4 Trees: Diameter Range 6.0 - 7.9cm.
DC_CLASS5	10	44	N	4	0	R	Dot Count - Live Tree Diameter Class 5 Trees: Diameter Range 8.0 - 9.9cm.
DC_CLASS6	11	48	N	4	0	R	Dot Count - Live Tree Diameter Class 6 Trees: Diameter Range 10.0 - 11.9cm.
DC_CLASS7	12	52	N	4	0	R	Dot Count - Live Tree Diameter Class 7 Trees: Diameter Range 12.0 - 13.9cm.
DC_CLASS8	13	56	N	4	0	R	Dot Count - Live Tree Diameter Class 8 Trees: Diameter Range 14.0 - 15.9cm.
DC_CLASS9	14	60	N	4	0	R	Dot Count - Live Tree Diameter Class 9 Trees: Diameter Range 16.0 - 17.9cm.
DC_CLASS10	15	64	N	4	0	R	Dot Count - Live Tree Diameter Class 10 Trees: Diameter Range 18.0 - 19.9cm.

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Data Structure for:DOT.DBF

Field Name	Field #	Column #	Data Type	Total Length	Decimals	Data Source	Field Description.....
DC_CLASS11	16	68	N	4	0	R	Dot Count - Live Tree Diameter Class 11 Trees: Diameter Range 20.0cm & up.
CR_DATE	17	72	D	8	0	F	Date this table row was created.
CR_TIME	18	80	C	8	0	F	Time of Table row creation (hh:mm:ss).
LU_DATE	19	88	D	8	0	F	Date table row was last updated.
LU_TIME	20	96	C	8	0	F	Time of last table row update (hh:mm:ss).
CR_MODE	21	104	C	1	0	F	Created in a (H)ost directory, <blank> not created in a Host directory.
LU_MODE	22	105	C	1	0	F	Last updated in (H)ost directory, <blank> last updated in other than Host directory.

Number of Cols: 105

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Data Structure for:DT_STD_C.DBF

Field Name	Field #	Column #	Data Type	Total Lngth	Deci- mals	Data Srce	Field Description.....
DC_VERS_NO	1	1	N	2	0	R	DeadTree Tally Class Version#.
DC_CLASSCD	2	3	N	2	0	R	Class Code: Dead Tree Tally Class Code updated by GyHost
DC_CRT_DAT	3	5	D	8	0	R	Dead Tree Tally Version# Creation Date.
DC_LOW_BND	4	13	N	5	1	R	Dead Tree Tally Lower Boundary of Diameter Class.
DC_HI_BND	5	18	N	5	1	R	Dead Tree Tally Upper Boundary of Diameter Class:
Number of Cols:		22					

Version 7.00
 (1997.07.23)

Data Structure for:DT_TALLY.DBF

Field Name	Field #	Column #	Data Type	Total Lngth	Deci- mals	Data Srce	Field Description.....	
DB_KEY	1	1	C	16	0	F	Sample ID: This is a composite field defining the unique key which identifies a sample. It's structure is Region + Compartment + Letter + Installation + Number + Type, which occupies the 1st. 13 bytes of DB_Key. The last 3 bytes of the 13 are filler bytes set to spaces.	
PL_PLOT_NO	2	17	N	2	0	F	PLOT.PLOT_NUMBER. Plot identification Number; Range 1 thru 99.	
DC_VERS_NO	3	19	N	2	0	F	DeadTree Tally Class Version#.	
DT_SPECIES	4	21	C	3	0	R	Tree Species: See TR_SPECIES.	
D01	5	24	N	3	0	R	Dead Tree Tally - 5cm Class: Diameter Range 2.6 - 7.5cm.	
D02	6	27	N	3	0	R	Dead Tree Tally - 10cm. Class: Diameter Range 7.6 - 12.5cm.	
D03	7	30	N	3	0	R	Derad Tree Tally - 15cm. Class: Diameter Range 12.6 - 17.5cm.	
D04	8	33	N	3	0	R	Dead Tree Tally - 20cm. Class: Diameter Range 17.6 - 22.5cm.	
D05	9	36	N	3	0	R	Dead Tree Tally - 25cm. Class: Diameter Range 22.6 - 27.5cm.	
D06	10	39	N	3	0	R	Dead Tree Tally - 30cm. Class: Diameter Range 27.6 - 32.5cm.	
D07	11	42	N	3	0	R	Dead Tree Tally - 35cm. Class: Diameter Range 32.6 - 37.5cm.	
D08	12	45	N	3	0	R	Dead Tree Tally - 40cm Class: Diameter Range 37.6 - 42.5cm.	
D09	13	48	N	3	0	R	Dead Tree Tally - 45cm. Class: Diameter Range 42.6 - 47.5cm.	
D10	14	51	N	3	0	R	Dead Tree Tally - 50cm. Class: Diameter Range 47.6 - 52.5cm.	
D11	15	54	N	3	0	R	Dead Tree Tally - 55cm. Class: Diameter Range 52.6cm and up.	
D12	16	57	N	3	0	R	**** Dead Tree Tally - UNUSED ****	
Number of Cols:		59						

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Data Structure for:GROUP.DBF

Field Name	Field #	Column #	Data Type	Total Length	Decimals	Data Source	Field Description.....
DB_KEY	1	1	C	16	0	F	Sample ID: This is a composite field defining the unique key which identifies a sample. It's structure is Region + Compartment + Letter + Installation + Number + Type, which occupies the 1st. 13 bytes of DB_Key. The last 3 bytes of the 13 are filler bytes set to spaces.
PL_PLOT_NO	2	17	N	2	0	F	PLOT.PLOT_NUMBER. Plot identification Number; Range 1 thru 99.
TR_SECTOR	3	19	N	2	0	F	.TREE.SECTOR_NUMBER. The sector number within the plot in which the tree is located.
GR_GROUP	4	21	N	2	0	R	:GROUP:INVENTORY_TYPE_GROUP:: Grouping of Sectors: A plot comprising a number of sectors will have those sectors grouped manually on the handheld.

Number of Cols: 22

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Data Structure for:PLOT.DBF

Field Name	Field #	Column #	Data Type	Total Lngth	Deci- mals	Data Srce	Field Description.....
DB_KEY	1	1	C	16	0	F	Sample ID: This is a composite field defining the unique key which identifies a sample. It's structure is Region + Compartment + Letter + Installation + Number + Type, which occupies the 1st. 13 bytes of DB_Key. The last 3 bytes of the 13 are filler bytes set to spaces.
PL_PLOT_NO	2	17	N	2	0	R	PLOT.PLOT_NUMBER. Plot identification Number; Range 1 thru 99.
PL_ASPECT	3	19	N	3	0	R	PLOT.PLOT_ASPECT, Plot Aspect- The direction of the slope of the land surface in the plot, expressed in compass degrees. North is 360, flat is 0.
PL_SLOPE	4	22	N	3	0	R	PLOT.PLOT_SLOPE Plot Slope- The slope of the land surface in the plot, expreseed as a percentage.
PL_SL_POS	5	25	C	1	0	R	PLOT.PLOT_SLOPE_POSITION - Slope Position.
PL_ELEVATE	6	26	N	4	0	R	.PLOT.PLOT_ELEVATION. Plot Elevation- The height of the plot above sea level, in Metres.
PL_RADIUS	7	30	N	5	2	R	.PLOT.PLOT_RADIUS- The radius of a fixed size circular plot, in Metres.
PL_AREA	8	35	N	6	4	R	.PLOT.PLOT_AREA_RECT. Plot Area in Ha.
PL_LGTH	9	41	N	6	2	R	.PLOT.PLOT_LENGTH. The length of the longer side of a rectangular plot, in Metres.
PL_WDTH	10	47	N	6	2	R	.PLOT.PLOT_WIDTH. The width(meters) of the shorter dimesion of the rectangular plot.
PL_BA_FCTR	11	53	N	6	3	R	.PLOT.BASAL_AREA_FACTOR- physical parameter of the prism used to estimate Basel Area associated with a variable radius plot. The parameter affects the number of trees included in the plot.
PL_OS_BEAR	12	59	N	3	0	R	.PLOT.STEM_MAP_OFFSET_BEARING. Stem Offset - Bearing to Plot Center. 0 if no Offset.
PL_OS_SLOP	13	62	N	3	0	R	.PLOT.STEM_MAP_OFFSET_SLOPE_PERCENT. Stem Offset - Slope%
PL_OSSDIST	14	65	N	5	2	R	.PLOT.STEM_MAP_OFSET_SLOPE_DISTANCE. Stem Offset - Slope Distance(meters).
PL_SUB_RAD	15	70	N	5	2	R	Sub-Plot Radius. The radius of the fixed sized circular sub-plot, in Metres.

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Data Structure for:PLOT.DBF

Field Name	Field #	Column #	Data Type	Total Lngth	Deci- mals	Data Srce	Field Description.....
PL_SUBAREA	16	75	N	6	4	R	Sub-Plot Area: The area of the sub-plot, in Hectares.
PL_SUB_BA	17	81	N	6	3	R	Sub-Plot Basel Area Factor: The physical parameter of the prism used to estimate the basel area associated with a variable radius sub-plot. This parameter affects the number of trees included in the sub-plot.
PL_ING_RAD	18	87	N	4	2	R	Plot Ingrowth Radius: ????????????
PL_STK_OK	19	91	C	1	0	R	Centre Stake OK: This field is (Y)es or (N)o depending on whether the centre stake is OK.
COUNT_A	20	92	N	3	0	F	Dummy numeric 999 variable.
PL_NUM_SEC	21	95	N	2	0	D	Number of sectors in this plot:
TR_TREE_NO	22	97	N	4	0	F	.TREE.TREE_NUMBER. Tree Number; A 4 digit tree number assigned to the tree. Range 1 thru 9999.
PL_LW_DEFN	23	101	L	1	0	D	True if length or width defined in previous measurement.
COUNT_B	24	102	N	3	0	F	Dummy numeric 99 variable.
CR_DATE	25	105	D	8	0	F	Date this table row was created.
CR_TIME	26	113	C	8	0	F	Time of Table row creation (hh:mm:ss).
LU_DATE	27	121	D	8	0	F	Date table row was last updated.
LU_TIME	28	129	C	8	0	F	Time of last table row update (hh:mm:ss).
CR_MODE	29	137	C	1	0	F	Created in a (H)ost directory, <blank> not created in a Host directory.
LU_MODE	30	138	C	1	0	F	Last updated in (H)ost directory, <blank> last updated in other than Host directory.

Number of Cols: 138

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Data Structure for:PSPMEAS.DBF

Field Name	Field #	Column #	Data Type	Total Lngth	Deci- mals	Data Srce	Field Description.....
DB_KEY	1	1	C	16	0	F	Sample ID: This is a composite field defining the unique key which identifies a sample. It's structure is Region + Compartment + Letter + Installation + Number + Type, which occupies the 1st. 13 bytes of DB_Key. The last 3 bytes of the 13 are filler bytes set to spaces.
SM_MEAS_NO	2	17	N	2	0	F	.SP_MEAS.MEASUREMENT_NUMBER. The number assigned to this measurement. When a sample is established, it's measurement# will be 0. On sample re-measurement, the measurement# is the increment of it's previous value.
SM_DATE	3	19	D	8	0	F	.SP_MEAS.MEASUREMENT_DATE.. The date on which the sample measurement was made.
SM_STNSTRC	4	27	C	1	0	F	.SP_MEAS.STAND_STRUCTURE_CODE. Stand Structure
SM_PRI_LYR	5	28	C	1	0	F	:SP_MEAS:PRIMARY_LAYER:: Primary Layer: 1, 2, or V
SM_L1_GRND	6	29	N	3	0	F	:SP_MEAS:CROWN_CLOSURE_GROUND_PERCENT:: Crown Closure - Layer#1 Ground
SM_L1_AIR	7	32	N	3	0	F	:SP_MEAS:CROWN_CLOSURE_AIR_PERCENT:: Crown Closure - Layer#1 Air
SM_L1ST_HA	8	35	N	5	0	F	:SP_MEAS:DENSITY:: Sample Measurement - Layer #1 Stems per Hectare.
SM_L2_GRND	9	40	N	3	0	F	:SP_MEAS:CROWN_CLOSURE_GROUND_PERCENT:: Crown Closure - Layer#2 Ground
SM_L2_AIR	10	43	N	3	0	F	:SP_MEAS:CROWN_CLOSURE_AIR_PERCENT:: Crown Closure - Layer#2 Air
SM_L2ST_HA	11	46	N	5	0	F	:SP_MEAS:DENSITY:: Sample Measurement - Layer#2 Stems per Hectare
SM_CNTRCTR	12	51	C	10	0	F	:SP_MEAS:SAMPLE_CONTRACTOR:: The name of the organization that was contracted to perform the sample measurement.
SM_FCREW1	13	61	C	25	0	F	Sample Measurement Crew Member#1 - The name of the 1st. crew member who performed the sample measurement.
SM_FCREW2	14	86	C	25	0	F	Sample Measurement 2nd. Crew Member - The name of the 2nd. crew member of the crew that performed the sample measurement.

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Data Structure for:PSPMEAS.DBF

Field Name	Field #	Column #	Data Type	Total Lngth	Deci- mals	Data Srce	Field Description.....
SM_AGENCY	15	111	C	1	0	F	:SP_MEAS:AGENCY_CODE:: The category of agency responsible for the sample measurement.
SM_DD_OWNR	16	112	C	3	0	F	:SP_MEAS:DATA_OWNER_CODE:: The Name of the organization that owns the data collected as part of a particular sample measurement. The ultimate source of the sample measurement data.
SM_YEAR	17	115	N	4	0	F	:SP_MEAS:DISTURBANCE_YEAR::
SM_CMPL	18	119	C	1	0	F	Stand Pest/Injury - (C)omplete/(P)artial/No<space>.
SM_SHTYPE	19	120	C	1	0	F	Stand History Type
SM_PEST	20	121	C	2	0	F	:SP_MEAS:PEST_SPECIES_CD:: Stand Disturbance - Pest Type
SM_DEGREE	21	123	C	1	0	F	Stand History - Degree
SM_STEM_HA	22	124	N	5	0	F	Stems per Hectare.
SM_MEMO	23	129	C	100	0	F	:SP_MEAS:SAMPLE_MEASUREMENT_REMARK:: Sample Measurement Comments (100 chars Max)
SM_YEARINT	24	229	N	4	0	F	Interval since last measurement (years).
CR_DATE	25	233	D	8	0	F	Date this table row was created.
CR_TIME	26	241	C	8	0	F	Time of Table row creation (hh:mm:ss).
LU_DATE	27	249	D	8	0	F	Date table row was last updated.
LU_TIME	28	257	C	8	0	F	Time of last table row update (hh:mm:ss).
UL_DATE	29	265	D	8	0	F	Date Sample measurement uploaded from HandHeld.
UL_TIME	30	273	C	8	0	F	Time of Sample Measurement upload from handHeld (hh:mm:ss).
CR_MODE	31	281	C	1	0	F	Created in a (H)ost directory, <blank> not created in a Host directory.
LU_MODE	32	282	C	1	0	F	Last updated in (H)ost directory, <blank> last updated in other than Host directory.
DT_CHECK	33	283	C	4	0	F	Date/Time check flag; ULCK - Uploaded data date/time later than Host pc date/time at upload; DLCK - Download date/time later than next HandHeld program startup date/time; UDCK - Both ULCK and DLCK.

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Field Name	Field #	Column #	Data Type	Total Lngth	Deci- mals	Data Srce	Field Description.....
LU_SMPDATE	34	287	D	8	0	F	Date of the most recent update to any of the application tables for this sample-measurement. This is evaluated in GyHost immediately following the sample upload.
LU_SMPTIME	35	295	C	8	0	F	Time of the most recent update to any of the application data table rows for this Sample-Measurement. This is evaluated in GyHost immediately following the data upload from the handheld.
SM_SPFCTYP	36	303	C	1	0	F	Spacing Factor Type - (S)quare or (T)riangular.
Number of Cols:		303					

Version 7.00
 (1997.07.23)

Data Structure for:PUBLIC.DBF

Field Name	Field #	Column #	Data Type	Total Lngth	Deci- mals	Data Srce	Field Description.....
SA_REGION	1	1	N	2	0	R	SAMPLE.REGION. Region; Forestry Region.
SA_CPARTM	2	3	N	3	0	R	SAMPLE.COMPARTMENT. Sample Compartment Number; This is part of the sample key.
SA_LETTER	3	6	C	1	0	R	SAMPLE.COMPARTMENT_LETTER. An unique identifier for a sub-compartment, which is a sub-division of a Compartment, and a Region. Forms part of the Sample ID.
SA_INSTAL	4	7	N	3	0	R	SAMPLE.INSTALLATION_NUMBER. Sample Installation; Forms part of the Sample ID.
SA_NUMBER	5	10	N	3	0	R	:SAMPLE:SAMPLE_NUMBER:: Sample Number: A number used along with the inherited key components from SUB-COMPARTMENT to uniquely identify each SAMPLE.
SA_TYPE	6	13	C	1	0	R	:SAMPLE:SAMPLE_TYPE_CODE:: Sample Type: Stand Management (C)operative {SMC}, (G)rowth Natural, (I)ntensive Forestry, Productivity Installations {(M)anaged}, (P)hase 1, (R)esearch Ep's, (S)tandard Inventory, Silviculturally (T)reated.
DB_KEY	7	14	C	16	0	F	Sample ID: This is a composite field defining the unique key which identifies a sample. It's structure is Region + Compartment + Letter + Installation + Number + Type, which occupies the 1st. 13 bytes of DB_Key. The last 3 bytes of the 13 are filler bytes set to spaces.
PL_PLOT_NO	8	30	N	2	0	F	PLOT.PLOT_NUMBER. Plot identification Number; Range 1 thru 99.
SM_MEAS_NO	9	32	N	2	0	F	.SP_MEAS.MEASUREMENT_NUMBER. The number assigned to this measurement. When a sample is established, it's measurement# will be 0. On sample re-measurement, the measurement# is the increment of it's previous value.
TR_SECTOR	10	34	N	2	0	F	.TREE.SECTOR_NUMBER. The sector number within the plot in which the tree is located.
TR_TREE_NO	11	36	N	4	0	F	.TREE.TREE_NUMBER. Tree Number; A 4 digit tree number assigned to the tree. Range 1 thru 9999.
DC_VERS_NO	12	40	N	2	0	F	DeadTree Tally Class Version#.

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Data Structure for:PUBLIC.DBF

Field Name	Field #	Column #	Data Type	Total Lngth	Deci- mals	Data Srce	Field Description.....
SA_D13	13	42	C	1	0	F	DBH measured at 1.3 meters{Metric Breast Height}? flag (Y)es, (N)o
SA_D137	14	43	C	1	0	F	Diameter measure at 1.37 Meters {Imperial Breast Height}? (Y)es, (N)o
PREV_SAMPL	15	44	L	1	0	T	Previous Sample Measurement: True if a record exists in the PSPMEAS database.
PREV_MEAS	16	45	L	1	0	T	Previous Tree Measurement(T/F)?: True if a previous tree measurement exists else, False.
DUMMY_A	17	46	C	1	0	F	*** Dummy Field ***
N_ROW	18	47	N	3	0	T	Row Number: ????
N_RESULT_1	19	50	N	7	2	T	1st. Numeric Scratch Buffer:
C_RESULT_1	20	57	C	10	0	T	1st Character Scratch Buffer:
L_RESULT_1	21	67	L	1	0	T	1st. Logical Scratch Buffer:
NVAR_CUR	22	68	N	7	2	T	Current Numeric Scratch Variable:
CVAR_CUR	23	75	C	10	0	T	Current Character Scratch Variable:
LVAR_CUR	24	85	L	1	0	T	Current Logical Scratch Variable:
NVAR_PRV	25	86	N	7	2	T	Previous Numeric Scratch Variable:
CVAR_PRV	26	93	C	10	0	T	Previous Character Scratch Variable:
LVAR_PRV	27	103	L	1	0	T	Previous Logical Scratch Variable:
ENVIRON	28	104	C	4	0	T	(HOST) OR (HAND)held Environment:
SHOWCOLOR	29	108	L	1	0	T	True if Colour, False if not:
LAST_LINE	30	109	N	2	0	T	Last Line# on Screen: line 9 on handheld; 24 on Host.
LAST_COLM	31	111	N	3	0	T	Last Column#: 19 on the HandHeld; 79 on the Host.
CUR_COLOR	32	114	C	30	0	T	Current Colour String: A character string containing a list of colour attribute settings for subsequent screen painting. The sequence of colour settings is: Standard,Enhanced,N/A,N/A,UnselectedGets. Each setting is a foreground and background colour separated by the slash (/) character and followed by a comma.
STEM_OFF	33	144	L	1	0	T	Stem Offset(Y/N): True/False
STUMP	34	145	L	1	0	T	Tree is a Stump(Y/N)?
LDEL_TREE	35	146	L	1	0	T	Delete Tree (Y/N)?
DIA_DBH	36	147	N	5	1	R	Diameter Measure: either DIA or DBH

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Field Name	Field #	Column #	Data Type	Total Lngth	Deci- mals	Data Srce	Field Description.....
D_RESULT_1	37	152	D	8	0	T	Interim Date Result used by field validation functions.
FLD_SKIP	38	160	L	1	0	T	Skip Field Flag for Scrn_cmd:
FLD_INC	39	161	N	3	0	T	Field Increment Value: Has a value of +1 if moving forward or -1 if moving backwards through the screen.
DISP_DATE	40	164	C	11	0	T	Current Displayable Date - DD.MMM.YYYY Format.
F1_SET	41	175	L	1	0	T	True if F1 set to Procedure.
F2_SET	42	176	L	1	0	T	True if F2 set to a Procedure.
F3_SET	43	177	L	1	0	T	True if F3 set to a Procedure.
F4_SET	44	178	L	1	0	T	True if F4 Set to a Procedure.
F5_SET	45	179	L	1	0	T	True if F5 Set to a Procedure.
F6_SET	46	180	L	1	0	T	True if F6 set to a procedure.
N_R_BAUD	47	181	N	6	0	T	PC Port Receive Baud Rate: 1200, 2400, 4800, 9600, 19200, 38400
C_R_PORT	48	187	C	4	0	T	PC Rx Port(COM?): This can be COM1, 2, 3, or 4
N_X_BAUD	49	191	N	6	0	T	PC Tx Baud Rate: 1200, 2400, 4800, 9600, 19200, 38400
C_X_PORT	50	197	C	4	0	T	PC Tx Port(COM?): COM1, 2, 3, or 4
BLACKWHITE	51	201	L	1	0	T	
REPTFILE	52	202	C	8	0	T	Name of Current Report File.
QA_NOSMPLE	53	210	N	3	0	R	Number of Sample trees to be selected for QA.
QA_NOMEASD	54	213	N	3	0	R	No of Measured for Height trees to be selected for QA.
DL_DATE	55	216	D	8	0	R	Date according to Host PC that data was downloaded to handHeld.
DL_TIME	56	224	C	8	0	R	Time according to Host PC that data was downloaded to HandHeld.
DT_CHECK	57	232	C	4	0	F	Date/Time check flag; ULCK - Uploaded data date/time later than Host pc date/time at upload; DLCK - Download date/time later than next HandHeld program startup date/time; UDCK - Both ULCK and DLCK.

Number of Cols: 235

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Ministry of Forests - Inventory Branch
 Growth and Yield Section
 Sample Collection & Edit System - Data Dictionary

Version 7.00
 (1997.07.23)

Data Structure for: SAMPLE.DBF

Field Name	Field #	Column #	Data Type	Total Length	Decimals	Data Source	Field Description.....
DB_KEY	1	1	C	16	0	D	Sample ID: This is a composite field defining the unique key which identifies a sample. It's structure is Region + Compartment + Letter + Installation + Number + Type, which occupies the 1st. 13 bytes of DB_Key. The last 3 bytes of the 13 are filler bytes set to spaces.
SA_CSAMP	2	17	C	6	0	R	Company Sample ID Cross Reference.
SA_SMC	3	23	C	1	0	R	Sample SMC Type 1 or 2.
SA_D13	4	24	C	1	0	R	DBH measured at 1.3 meters{Metric Breast Height}? flag (Y)es, (N)o
SA_D137	5	25	C	1	0	R	Diameter measure at 1.37 Meters {Imperial Breast Height}? (Y)es, (N)o
SA_BRKPNT	6	26	N	4	1	R	Sample Breakpoint: Height (Metres) or Diameter/DBH (Centimeters) below which the tree is considered a sub-plot tree. Whether the breakpoint is height or Diameter/DBH ia determined by the SA_DIA_HT field.
SA_DIA_HT	7	30	C	1	0	R	Diameter/Height Breakpoint: (D)iameter breakpoint; (H)eight breakpoint.
SA_UZONE	8	31	N	2	0	R	.SAMPLE.UTM_ZONE. The reference line from which the Easting distance is taken.
SA_EASTING	9	33	N	6	0	R	.SAMPLE.UTM_EASTING. Latitudinal Co-ordinate. The co-ordinate that locates a SAMPLE along a latitudinal axis of a UTM map projection.
SA_NORTHNG	10	39	N	7	0	R	.SAMPLE.UTM_NORTHING. Sample UTM Co-ordinate - Longitudinal. The co-ordinate that locates the sample along a longitudinal axis of a UTM map projection.
SA_METHOD	11	46	C	1	0	R	Sample Method. The means by which trees are selected for variable radius plots - either relascope or prism.
SA_PROJ_NO	12	47	N	3	0	R	.SAMPLE.REGIONAL_PROJECT_NO. An unique number assigned to a particular sampling project within a Region initiated by the Inventory Branch.
SA_ESTB_YR	13	50	N	4	0	R	.SAMPLE.ESTABLISHMENT_YEAR. Sample Establishment Year. 0 if year unknown.

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Data Structure for: SAMPLE.DBF

Field Name	Field #	Column #	Data Type	Total Lngth	Deci- mals	Data Srce	Field Description.....
SA_SLCTLOG	14	54	C	1	0	R	.SAMPLE.SELECTION_LOG_INDICATOR. Selctively Logged Sample- (Y)es or (N)o
SA_STEMMAP	15	55	C	1	0	R	.SAMPLE.STEM_MAP_INDICATOR. Sample Stem Mapping Required (Y)es or (N)o
SA_ORIGIN	16	56	C	1	0	R	.SAMPLE.STAND_ORIGIN_CODE. Stand Origin:
SA_STATUS	17	57	C	1	0	N	Sample Status. Forestry status code.
SA_PLNT_YR	18	58	N	4	0	R	.SAMPLE.PLANTATION_YEAR. Sample Planted Year. If 0, year unknown.
SA_AGE_STK	19	62	N	1	0	R	.SAMPLE.AGE_OF_STOCK. Age of Stock - In Sample
SA_ACT_HT	20	63	N	4	1	R	Special Site.
SA_MAP_NO	21	67	C	8	0	R	.SAMPLE.BCGS_MAP_SHEET_NUMBER. Sample Map No. An unique number assigned to each mapsheet within the map type.
SA_POLY_NO	22	75	N	4	0	R	.SAMPLE.FOREST_COVER_POLYGON_NUMBER. Sample Polygon - Forest Cover. An unique number assigned to each Forest Cover Polygon on a map.
SA_FLT_NO	23	79	C	5	0	R	.SAMPLE.FLIGHT_NUMBER. Flight Number
SA_PHOTONO	24	84	N	3	0	R	.SAMPLE.PHOTO_NUMBER. Aerial Photograph Number- A number that uniquely identifies a particular photograph taken during a particular flight.
SA_PHOTO70	25	87	C	1	0	R	.SAMPLE.70_MM_CODE. Aerial 70mm Photograph- (Y)es or (N)o as to whether the photography was taken in 70mm format.
SA_PHOTO_X	26	88	N	3	0	R	.SAMPLE.PHOTO_X_COORDINATE. Sample Photo Location - Grid Co-ordinate X (Centimetres). The horizontal distance from the lower left corner of the photo to the centre of the SAMPLE.
SA_PHOTO_Y	27	91	N	3	0	R	.SAMPLE.PHOTO_Y_COORDINATE. Sample Photo Location - Grid Co-ordinate Y (Centimetres). The vertical distance from the lower left corner of the photo to the centre of the SAMPLE.
SA_BZONE	28	94	C	4	0	R	.SAMPLE.BEC_ZONE. Sample BGC Zone. An unique identifier for the Biogeoclimatic Zone.
SA_SUB_ZN	29	98	C	3	0	R	.SAMPLE.BEC_SUBZONE. Sub Plot Zone, Forestry code.
SA_VARIANT	30	101	N	1	0	R	.SAMPLE.BEC_VARIANT. Forestry Code.

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Data Structure for: SAMPLE.DBF

Field Name	Field #	Column #	Data Type	Total Length	Decimals	Data Source	Field Description.....
SA_PHASE	31	102	C	1	0	R	.SAMPLE.BGC_PHASE. Geoclimatic phase {BEC Classification}.
SA_ASSOC	32	103	N	2	0	R	Sample Association; Forestry Code.
SA_SUBASSO	33	105	N	1	0	R	Sub-Plot Association: Forestry code.
SA_SUBPHAS	34	106	C	1	0	R	Sub-Plot Phase: Forestry Code.
SA_EDATOPE	35	107	C	4	0	R	Edatope BEC.
SA_TREATT1	36	111	C	1	0	R	:SAMPLE:TREATMENT_TYPE_CODE:: Sample Treatment#1 Type.
SA_TREATD1	37	112	D	8	0	R	:SAMPLE:TREATMENT_TYPE_DATE:: Sample Treatment#1 Date
SA_TREATT2	38	120	C	1	0	R	:SAMPLE:TREATMENT_TYPE_CODE:: Sample Treatment#2 Type.
SA_TREATD2	39	121	D	8	0	R	:SAMPLE:TREATMENT_TYPE_DATE:: Sample Treatment#2 Date
SA_TREATT3	40	129	C	1	0	R	:SAMPLE:TREATMENT_TYPE_CODE:: Sample Treatment#3 Type.
SA_TREATD3	41	130	D	8	0	R	:SAMPLE:TREATMENT_TYPE_DATE:: Sample Treatment#3 Date
SA_TREATT4	42	138	C	1	0	R	:SAMPLE:TREATMENT_TYPE_CODE:: Sample Treatment#4 Type.
SA_TREATD4	43	139	D	8	0	R	:SAMPLE:TREATMENT_TYPE_DATE:: Sample Treatment#4 Date
PL_PLOT_NO	44	147	N	2	0	F	PLOT.PLOT_NUMBER. Plot identification Number; Range 1 thru 99.
SA_NAD	45	149	N	2	0	R	NAD Reference - Domain values of 27 and 83
SA_LN_SWP	46	151	C	1	0	R	Lean/Sweep Required - (Y)es, (N)o or blank {blank = (N)o.
CR_DATE	47	152	D	8	0	F	Date this table row was created.
CR_TIME	48	160	C	8	0	F	Time of Table row creation (hh:mm:ss).
SA_GRP_SEC	49	168	C	1	0	R	Sector Grouping (F)ixed/(V)ariable.
LU_DATE	50	169	D	8	0	F	Date table row was last updated.
LU_TIME	51	177	C	8	0	F	Time of last table row update (hh:mm:ss).
CR_MODE	52	185	C	1	0	F	Created in a (H)ost directory, <blank> not created in a Host directory.
LU_MODE	53	186	C	1	0	F	Last updated in (H)ost directory, <blank> last updated in other than Host directory.

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Data Structure for: SAMPLE.DBF

Field Name	Field #	Column #	Data Type	Total Lngth	Deci- mals	Data Srce	Field Description.....
SA_SPECPRG	54	187	C	1	0	R	Special program code, <blank> or (N)o if not special program, (Y)es if special program.
SA_FOR_REG	55	188	C	3	0	R	Forest Region - CAR, KAM, NEL, PG, PR, VAN
SA_TSA	56	191	N	2	0	R	Timber Supply Area (TSA) - 1 to 41
SA_TFL	57	193	N	2	0	R	Tree Farm Licence - 1 to 60
SA_OPENING	58	195	N	3	0	R	Opening No. - 1 to 999
SA_BGCTRAN	59	198	C	1	0	R	BGC Transition? (Y)es or (N)o.
SA_SMOISTD	60	199	C	1	0	R	Soil Moisture Regime - Dominant. Value = <blank> or '0' to '8'. Only one of 'Dom', 'SubDom' or 'Range' may be non-blank.
SA_SMOISTS	61	200	C	1	0	R	Soil Moisture Regime - Sub-dominant. Value = <blank> or '0' to '8'. Only one of 'Dom', 'SubDom' or 'Range' may be non-blank.
SA_SMOISTR	62	201	C	2	0	R	Soil Moisture Regime - Range. Value = <blank> or 'mn' where '0' <= m <= '8' and '0' <= n <= '8' and m < n. Only one of 'Dom', 'SubDom' or 'Range' may be non-blank.
SA_SNUTRIS	63	203	C	1	0	R	Soil Nutrient Regime - Single. Value = <blank> or 'A' to 'E'. Only one of 'Single' or 'Range' may be non-blank.
SA_SNUTRIR	64	204	C	2	0	R	Soil Nutrient Regime - Range. Value = <blank> or 'mn' where 'A' <= m <= 'E' and 'A' <= n <= 'E' and m < n. Only one of 'Single' or 'Range' may be non-blank.
SA_SS1	65	206	N	2	0	R	Site Series 1.
SA_SS1_PH	66	208	C	2	0	R	Site Series Phase 1.
SA_SS1_PP	67	210	N	3	0	R	Site Series 1 proportion of plot - 1 to 100
Number of Cols:		212					

Version 7.00
 (1997.07.23)

Data Structure for:SPECIES.DBF

Field Name	Field #	Column #	Data Type	Total Length	Decimals	Data Source	Field Description.....
DB_KEY	1	1	C	16	0	F	Sample ID: This is a composite field defining the unique key which identifies a sample. It's structure is Region + Compartment + Letter + Installation + Number + Type, which occupies the 1st. 13 bytes of DB_Key. The last 3 bytes of the 13 are filler bytes set to spaces.
SM_MEAS_NO	2	17	N	2	0	F	.SP_MEAS.MEASUREMENT_NUMBER. The number assigned to this measurement. When a sample is established, it's measurement# will be 0. On sample re-measurement, the measurement# is the increment of it's previous value.
PL_PLOT_NO	3	19	N	2	0	F	PLOT.PLOT_NUMBER. Plot identification Number; Range 1 thru 99.
SO_LAYER	4	21	C	1	0	R	:SPECIES:LAYER_ID:: Sample Composition - Layer: 1, 2, or V
SO_TOTAL	5	22	C	1	0	T	Total Line Flag. This character is blank if the species record is a normal data record, and 'T' if it is a total, or sub-total record generated by Stand Composition Sub-System.
SO_SPECIES	6	23	C	3	0	D	.SPECIES.LEADING_SPECIES, .SPECIES.SECONDARY_SPECIES. Sample Composition - Species code. See TR_SPECIES.
SO_TREES_T	7	26	N	4	0	D	Total# Trees ID'd. Sample Composition - Total Number of Trees Identified.
SO_BASAL	8	30	N	10	4	D	Sample Composition - Basal Area of Species within Layer.
SO_BASALAY	9	40	N	10	4	D	Sample Composition - Basal Area of the Layer.
SO_BH_TL	10	50	N	6	0	D	Cumulative Age for averaging.
SO_BH_MIN	11	56	N	3	0	D	:SPECIES:BREAST_HEIGHT_AGE_MINIMUM:: Minimum Age of trees within species-layer.
SO_BH_MAX	12	59	N	3	0	D	:SPECIES:BREAST_HEIGHT_AGE_MAXIMUM:: Maximum Age of trees within species-layer.
SO_HEIGHT	13	62	N	6	0	D	Cumulative Height.
SO_QMD	14	68	N	5	1	D	:SPECIES:QUADRATIC_MEAN_DIAMETER:: For the species/layer.

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Data Structure for:SPECIES.DBF

Field Name	Field #	Column #	Data Type	Total Length	Decimals	Data Source	Field Description.....
SO_AGE_CNT	15	73	N	3	0	D	Number of trees for the given Plot-Layer-Species with a non-zero age.
SO_BA_PCT	16	76	N	5	1	D	:SPECIES:LEADING_SPECIES_PERCENT, :SPECIES:SECONDARY_SPECIES_PERCENT:: Basal Area % for this Species.
SO_AVG_CNT	17	81	N	3	0	D	Count of trees in Layer+Species that were measured for BOTH height and age. Calculated in GyHost sample composition.
SO_HT_TL	18	84	N	6	1	D	Total Cumulative height (for averaging).
SO_REL_DEN	19	90	N	7	2	D	Relative Density: Sample Composition - Relative density of the species within the layer.
SO_BH_AVG	20	97	N	6	0	D	:SPECIES:MEAN_BREAST_HEIGHT_AGE:: Average of Top Ages for status 'H' trees.
SO_HT_AVG	21	103	N	4	1	D	:LAYER_FOREST_COVER:MEAN_HEIGHT:: Average of Top Heights for status 'H' trees.
SO_STEM_HA	22	107	N	10	4	D	:SPECIES:STEMS_PER_HECTARE:: Cumulative Stems per Hectare.
SO_DATE	23	117	D	8	0	D	Calc. Date: Date that this record was most recently recalculated by CalcSampCom().
SO_TIME	24	125	C	8	0	D	Calc. Time: Time that this record was most recently updated by CalcSampComp()
SO_STAT_H	25	133	N	3	0	D	#Trees Measured for Height and selected as Top Height in layer/species.
SO_STAT_M	26	136	N	3	0	D	#Non-Top height trees measured for height & Age in layer/species.
SO_STAT_T	27	139	N	3	0	D	#trees selected for future top-height but not yet measured for top height in Layer/Species.
SO_STAT_O	28	142	N	3	0	D	#Non-top height trees not measured for height & age in layer/species.
SO_STAT_F	29	145	N	3	0	D	#Trees flagged as future candidates for top height in species/layer.
SO_STAT_Y	30	148	N	3	0	D	#Trees selected as suitable for top height measure in layer/species.
SO_STAT_N	31	151	N	3	0	D	#trees not selected in species/layer.

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Data Structure for:SPECIES.DBF

Field Name	Field #	Column #	Data Type	Total Lngth	Deci- mals	Data Srce	Field Description.....
SO_TOTAGAV	32	154	N	6	0	D	:SPECIES:MEAN_TOTAL_AGE:: Extended Age. Previous measurements calculated age + measurement interval.
CR_DATE	33	160	D	8	0	F	Date this table row was created.
CR_TIME	34	168	C	8	0	F	Time of Table row creation (hh:mm:ss).
LU_DATE	35	176	D	8	0	F	Date table row was last updated.
LU_TIME	36	184	C	8	0	F	Time of last table row update (hh:mm:ss).
CR_MODE	37	192	C	1	0	F	Created in a (H)ost directory, <blank> not created in a Host directory.
LU_MODE	38	193	C	1	0	F	Last updated in (H)ost directory, <blank> last updated in other than Host directory.
SO_SITEIDX	39	194	N	4	1	D	This site index is calculated in the CalcSampComp() process. It is the average site index of the leading top-height trees (those used for average BH Age and Average top-height). The site index of each candidate tree is calculated and then averaged excluding those without both height and age.
SO_AGEXTND	40	198	C	1	0	D	If (Y)es - the Average BH Age has been extended from the previous measurement's species record into the current. This is done for all occurrences of that species-layer (all plots). If (N)o - the Average BH Age SO_BH_AVG has not been extended and it should be calculated from the ages of the top height trees at the same time the average top height is calculated.

Number of Cols: 198

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Data Structure for:SP_MEAS.DBF

Field Name	Field #	Column #	Data Type	Total Lngth	Deci- mals	Data Srce	Field Description.....
DB_KEY	1	1	C	16	0	F	Sample ID: This is a composite field defining the unique key which identifies a sample. It's structure is Region + Compartment + Letter + Installation + Number + Type, which occupies the 1st. 13 bytes of DB_Key. The last 3 bytes of the 13 are filler bytes set to spaces.
SM_MEAS_NO	2	17	N	2	0	R	.SP_MEAS.MEASUREMENT_NUMBER. The number assigned to this measurement. When a sample is established, it's measurement# will be 0. On sample re-measurement, the measurement# is the increment of it's previous value.
SM_DATE	3	19	D	8	0	R	.SP_MEAS.MEASUREMENT_DATE.. The date on which the sample measurement was made.
SM_STNSTRC	4	27	C	1	0	R	.SP_MEAS.STAND_STRUCTURE_CODE. Stand Structure
SM_PRI_LYR	5	28	C	1	0	R	:SP_MEAS:PRIMARY_LAYER:: Primary Layer: 1, 2, or V
SM_L1_GRND	6	29	N	3	0	R	:SP_MEAS:CROWN_CLOSURE_GROUND_PERCENT:: Crown Closure - Layer#1 Ground
SM_L1_AIR	7	32	N	3	0	R	:SP_MEAS:CROWN_CLOSURE_AIR_PERCENT:: Crown Closure - Layer#1 Air
SM_L1ST_HA	8	35	N	5	0	R	:SP_MEAS:DENSITY:: Sample Measurement - Layer #1 Stems per Hectare.
SM_L2_GRND	9	40	N	3	0	R	:SP_MEAS:CROWN_CLOSURE_GROUND_PERCENT:: Crown Closure - Layer#2 Ground
SM_L2_AIR	10	43	N	3	0	R	:SP_MEAS:CROWN_CLOSURE_AIR_PERCENT:: Crown Closure - Layer#2 Air
SM_L2ST_HA	11	46	N	5	0	R	:SP_MEAS:DENSITY:: Sample Measurement - Layer#2 Stems per Hectare
SM_CNTRCTR	12	51	C	10	0	R	:SP_MEAS:SAMPLE_CONTRACTOR:: The name of the organization that was contracted to perform the sample measurement.
SM_FCREW1	13	61	C	25	0	R	Sample Measurement Crew Member#1 - The name of the 1st. crew member who performed the sample measurement.
SM_FCREW2	14	86	C	25	0	R	Sample Measurement 2nd. Crew Member - The name of the 2nd. crew member of the crew that performed the sample measurement.

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Data Structure for:SP_MEAS.DBF

Field Name	Field #	Column #	Data Type	Total Lngth	Deci- mals	Data Srce	Field Description.....
SM_AGENCY	15	111	C	1	0	R	:SP_MEAS:AGENCY_CODE:: The category of agency responsible for the sample measurement.
SM_DD_OWNR	16	112	C	3	0	R	:SP_MEAS:DATA_OWNER_CODE:: The Name of the organization that owns the data collected as part of a particular sample measurement. The ultimate source of the sample measurement data.
SM_YEAR	17	115	N	4	0	R	:SP_MEAS:DISTURBANCE_YEAR::
SM_CMPL	18	119	C	1	0	R	Stand Pest/Injury - (C)omplete/(P)artial/No<space>.
SM_SHTYPE	19	120	C	1	0	R	Stand History Type
SM_PEST	20	121	C	2	0	R	:SP_MEAS:PEST_SPECIES_CD:: Stand Disturbance - Pest Type
SM_DEGREE	21	123	C	1	0	R	Stand History - Degree
SM_STEM_HA	22	124	N	5	0	R	Stems per Hectare.
SM_MEMO	23	129	C	100	0	R	:SP_MEAS:SAMPLE_MEASUREMENT_REMARK:: Sample Measurement Comments (100 chars Max)
SM_YEARINT	24	229	N	4	0	D	Interval since last measurement (years).
CR_DATE	25	233	D	8	0	F	Date this table row was created.
CR_TIME	26	241	C	8	0	F	Time of Table row creation (hh:mm:ss).
LU_DATE	27	249	D	8	0	F	Date table row was last updated.
LU_TIME	28	257	C	8	0	F	Time of last table row update (hh:mm:ss).
UL_DATE	29	265	D	8	0	R	Date Sample measurement uploaded from HandHeld.
UL_TIME	30	273	C	8	0	R	Time of Sample Measurement upload from handHeld (hh:mm:ss).
CR_MODE	31	281	C	1	0	F	Created in a (H)ost directory, <blank> not created in a Host directory.
LU_MODE	32	282	C	1	0	F	Last updated in (H)ost directory, <blank> last updated in other than Host directory.
DT_CHECK	33	283	C	4	0	R	Date/Time check flag; ULCK - Uploaded data date/time later than Host pc date/time at upload; DLCK - Download date/time later than next HandHeld program startup date/time; UDCK - Both ULCK and DLCK.

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Data Structure for:SP_MEAS.DBF

Field Name	Field #	Column #	Data Type	Total Length	Decimals	Data Source	Field Description.....
LU_SMPDATE	34	287	D	8	0	R	Date of the most recent update to any of the application tables for this sample-measurement. This is evaluated in GyHost immediately following the sample upload.
LU_SMPTIME	35	295	C	8	0	R	Time of the most recent update to any of the application data table rows for this Sample-Measurement. This is evaluated in GyHost immediately following the data upload from the handheld.
SM_SPFCTYP	36	303	C	1	0	R	Spacing Factor Type - (S)quare or (T)riangular.
Number of Cols:		303					

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Data Structure for:TREE.DBF

Field Name	Field #	Column #	Data Type	Total Lngth	Deci- mals	Data Srce	Field Description.....
DB_KEY	1	1	C	16	0	F	Sample ID: This is a composite field defining the unique key which identifies a sample. It's structure is Region + Compartment + Letter + Installation + Number + Type, which occupies the 1st. 13 bytes of DB_Key. The last 3 bytes of the 13 are filler bytes set to spaces.
PL_PLOT_NO	2	17	N	2	0	F	PLOT.PLOT_NUMBER. Plot identification Number; Range 1 thru 99.
TR_TREE_NO	3	19	N	4	0	R	.TREE.TREE_NUMBER. Tree Number; A 4 digit tree number assigned to the tree. Range 1 thru 9999.
TR_SECTOR	4	23	N	2	0	R	.TREE.SECTOR_NUMBER. The sector number within the plot in which the tree is located.
TR_NEAR	5	25	N	4	0	R	.TREE.NEAR_TREE_NUMBER. The number of the tree near this ingrowth tree which was followed by this tree.
TR_SPECIES	6	29	C	3	0	R	Tree - Species. The tree species, validated from a table of possible species. This value is updated if the species has changed in a remeasurement. The old species is retained in the previous tree measurement record.
TR_NAT	7	32	C	1	0	R	Tree naturally planted
TR_DIA	8	33	N	5	1	R	Stump Diameter
TR_HEIGHT	9	38	N	3	1	R	.TREE.STUMP_HEIGHT. Stump Height(meters)
TR_NEW_OLD	10	41	C	1	0	R	Stump (N)ew or (O)ld
TR_BEAR	11	42	N	3	0	R	.TREE.STEM_MAP_BEARING. Stem Map 1 - Bearing
TR_SLOPE	12	45	N	3	0	R	.TREE.STEM_MAP_SLOPE_PERCENT. Stem Map 1 - Slope %
TR_DIST	13	48	N	5	2	R	.TREE.STEM_MAP_SLOPE_DISTANCE. Stem Map - Distance(m)
TR_TR1_NO	14	53	N	4	0	R	Stem Map 1 - Tree Number of Tree#1: The tree# of the 1st. tree for the stem mapping operation.
TR_TR1DIST	15	57	N	5	2	R	Stem Map 1 - Distance from Tree#1: When stem mapping, this is the distance from the 1st. reference tree.
TR_TR2_NO	16	62	N	4	0	R	Stem Map 2 - Tree# of tree number 2

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Data Structure for: TREE.DBF

Field Name	Field #	Column #	Data Type	Total Length	Decimals	Data Source	Field Description.....
TR_TR3_NO	18	71	N	4	0	R	Stem Map 3 - Tree# of tree number 3
TR_TR3DIST	19	75	N	5	2	R	Stem Map 3 - Distance from tree#3
TR_SEQ_NO	20	80	N	4	0	D	Tree Sequence#: This field, as the primary element together with the tree# as the secondary, provide the Tree_Seq index used for presenting the successive trees to the user through screen#106. This field is initialized to 0 upon establishment or the adding of an ingrowth tree. If an ingrowth is found upon remeasurement, it is assigned a tree# and the near tree# field in the tree record is set to that tree after which this ingrowth is to appear in the next re-measurement activity. In this re-measurement activity, the sequence remains as it was prior to the addition of any new ingrowth. The tree data is exported out of the system in this format to be transferred to the MoF mainframe. When the tree data is imported from the MoF mainframe ready for the next measurement, the import process will examine the near tree# field and if it is non-zero, put it in the tree sequence# field; if it is zero, it will put the tree# in the tree sequence# field. This will have the effect of re-ordering the sequence of trees presented to the hand-held user for this next measurement.
TR_IN_PLOT	21	84	C	1	0	R	.TREE.OUT_OF_PLOT_INDICATOR. Tree - OUT of Plot. (Y)es or (N)o as to whether the tree is OUTSIDE of the plot.
DUMMY_A	22	85	C	1	0	F	*** Dummy Field ***
CR_DATE	23	86	D	8	0	F	Date this table row was created.
CR_TIME	24	94	C	8	0	F	Time of Table row creation (hh:mm:ss).
LU_DATE	25	102	D	8	0	F	Date table row was last updated.
LU_TIME	26	110	C	8	0	F	Time of last table row update (hh:mm:ss).
CR_MODE	27	118	C	1	0	F	Created in a (H)ost directory, <blank> not created in a Host directory.

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Growth and Yield Section
Sample Collection & Edit System - Data Dictionary

Version 7.00
(1997.07.23)

Data Structure for: TREE.DBF

Field Name	Field #	Column #	Data Type	Total Length	Decimals	Data Source	Field Description.....
LU_MODE	28	119	C	1	0	F	Last updated in (H)ost directory, <blank> last updated in other than Host directory.

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Data Structure for:TR_MEAS.DBF

Field Name	Field #	Column #	Data Type	Total Lngth	Deci- mals	Data Srce	Field Description.....
DB_KEY	1	1	C	16	0	F	Sample ID: This is a composite field defining the unique key which identifies a sample. It's structure is Region + Compartment + Letter + Installation + Number + Type, which occupies the 1st. 13 bytes of DB_Key. The last 3 bytes of the 13 are filler bytes set to spaces.
PL_PLOT_NO	2	17	N	2	0	F	PLOT.PLOT_NUMBER. Plot identification Number; Range 1 thru 99.
TR_SECTOR	3	19	N	2	0	F	.TREE.SECTOR_NUMBER. The sector number within the plot in which the tree is located.
TR_TREE_NO	4	21	N	4	0	F	.TREE.TREE_NUMBER. Tree Number; A 4 digit tree number assigned to the tree. Range 1 thru 9999.
SM_MEAS_NO	5	25	N	2	0	F	.SP_MEAS.MEASUREMENT_NUMBER. The number assigned to this measurement. When a sample is established, it's measurement# will be 0. On sample re-measurement, the measurement# is the increment of it's previous value.
TM_MISSED	6	27	C	1	0	R	.TR_MEAS.MISSED_OR_DROPPED_TREE_INDICATOR. (M)issed during precious measurement, (D)ropped during this measurement.
TM_TAG_OK	7	28	C	1	0	R	Tree Measurement - Tree Tag OK. The tree tag attached to the tree during the establishment measurement was found to be intact, (Y)es or (N)o.
TM_SPC_CHG	8	29	C	1	0	D	Tree Measurement - Species Change Flag - (Y)es or (N)o, if the species has changed from it's value in the previous tree measurement record.
TM_DBH1_3	9	30	N	5	1	R	.TR_MEAS.DBH_1_3M. Diameter at Breast Height (1.3meters) (Centimetres). The diameter of the tree measured at Breast Height above the germination point of the tree.
TM_DIA1_37	10	35	N	5	1	R	.TR_MEAS.DBH_1_37M. Diameter at 1.37 Metres (Centimetres). The diameter of the tree measured at 1.37 metres above the germination point.
TM_HEIGHT	11	40	N	4	1	R	.TR_MEAS.HEIGHT_VARIOUS_SOURCE. Estimated

Height(Metres). The estimated height of the tree.

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Data Structure for:TR_MEAS.DBF

Field Name	Field #	Column #	Data Type	Total Lngth	Deci- mals	Data Srce	Field Description.....
TM_CROWN	12	44	N	1	0	R	.TR_MEAS.CROWN_CLASS. Crown class values range from 1 to 6. 1-Dominant, 2-CoDominant, 3-Intermediate, 4-Overtopped.
TM_LAYER	13	45	C	1	0	R	Tree Measurement - Layer. The layer in which the tree is clasified, layer can be blank/1, 2, or (V)eteran.
TM_LC_LEN	14	46	N	3	0	R	.TR_MEAS.LIVE_CROWN_PERCENT. Live Crown percent - 0 to 100 in increments of 10.
TM_CLASS	15	49	N	1	0	R	.TR_MEAS.TREE_CLASS. Tree class value of 1 thru 6. 1-No Pathology, 2-Suspect {1 or more pathology indicators}, 3-Dead Potential, 4-Dead Useless, 5-Veteran, 6-Live Useless (Cut Down?).
TM_CLSFLAG	16	50	C	1	0	N	** Not referenced **
TM_CONK	17	51	N	1	0	R	Tree Measurement - Conk. A non-zero value indicates where a conk occurs.
TM_BL_CONK	18	52	N	1	0	R	Blind Conk
TM_SCAR	19	53	N	1	0	R	Tree Measurement - Scar. A non-zero value indicates in which segment(s) scar(s) occur.
TM_FKCROOK	20	54	N	1	0	R	Tree Measurment - Fork/Crook. A non-zero value indicates in which segment(s) of the tree forks or crooks are located.
TM_FROST	21	55	N	1	0	R	Tree Measurement - Frost Crack. A non-zero value indicates in which segment(s) of the tree frost cracks are noted.
TM_MISTLE	22	56	N	1	0	R	Tree Measurement - Occurrence of Mistletoe: A non-zero value indicates the occurrence of mistletoe in the segment(s) indicated.
TM_RBRANCH	23	57	N	1	0	R	Tree Measurement - Rotten Branch. A non-zero value indicates in which segment(s) rotten branch(es) occur.
TM_DBTOP	24	58	N	1	0	R	Combined Dead/Brkn Top
TM_DEADTOP	25	59	N	1	0	R	Dead Top: Values of 0 thru 3
TM_BRKNTOP	26	60	N	1	0	R	Broken Top: Values of 0 to 3

TM_SPIRAL 27 61 N 1 0 R .TR_MEAS.QUALITY_SPIRAL_GRAIN. A non-zero value indicates the presence of spiral in one or more tree segments.

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Data Structure for:TR_MEAS.DBF

Field Name	Field #	Column #	Data Type	Total Lngth	Deci- mals	Data Srce	Field Description.....
TM_SWEEP	28	62	N	1	0	R	.TR_MEAS.QUALITY_SWEEP. A non-zero value indicates the presence of sweep in the indicated segment(s).
TM_LEAN	29	63	N	1	0	R	.TR_MEAS.QUALITY_LEAN.
TM_LIMB	30	64	N	1	0	R	.TR_MEAS.QUALITY_FIRST_LIVE_LIMB.
TM_STUB	31	65	N	1	0	R	.TR_MEAS.QUALITY_FIRST_STUB.
TM_1KNOT5M	32	66	N	1	0	R	.TR_MEAS.QUALITY_KNOTS_AT_1ST_5_METERS.
TM_2KNOT5M	33	67	N	1	0	R	.TR_MEAS.QUALITY_KNOTS_AT_2ND_5_METERS.
TM_CNDTN	34	68	C	2	0	N	SMC - Tree Condition
TM_HT_CRWN	35	70	N	4	1	R	.TR_MEAS.HEIGHT_TO_CROWN. Height to Crown (Metres). The height above the germination point to the crown of the tree.
TM_HT_BRCH	36	74	N	4	1	R	SMC - Height to 1st. Live Branch (Metres). The height above the germination point to the 1st. live tree branch.
TMSLEAN	37	78	N	1	0	R	SMC - Lean
TMSSWEEP	38	79	N	1	0	R	SMC - Sweep
TMSBRK_TOP	39	80	N	1	0	R	SMC - Broken Top.
TMSFRKUDIA	40	81	N	1	0	R	SMC - Fork Under Diameter
TMSFRKODIA	41	82	N	1	0	R	SMC - Fork Over Diameter
TMSSCAR	42	83	N	1	0	R	SMC - Scar
TMSDEADTOP	43	84	N	1	0	R	SMC - Dead Top
TMSCROOKED	44	85	N	1	0	R	SMC - Crooked Top
TM_PESTYPE	45	86	C	1	0	R	Tree Measurement - Pest Type: Can be one of the following Types - A,D,I,M,N,T,U, or V.
TM_PESTSEV	46	87	C	1	0	R	Tree Measurement - Pest Severity. Severity of pest infestation.
TM_S_BASE	47	88	N	1	0	R	Scar Base.
TM_S_MID	48	89	N	1	0	R	Scar Mid.
TM_S_TOP	49	90	N	1	0	R	Scar Top.

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Data Structure for:TR_MEAS.DBF

Field Name	Field #	Column #	Data Type	Total Lngth	Deci- mals	Data Srce	Field Description.....
TM_STATUS	50	91	C	1	0	D	Tree Measurement Status - (N)ot suitable for Height; (H) Measured for Height & Selected as Top Height; (M)easured for Height but not selected as Top Height; (O) Not yet measured and Other than selected for Top Height; (T) Not yet measured but selected for Top Height; (Y) Suitable for height; (F)uture candidate for Top Height; (R)ejected Tree; (C) Could be suitable for Top Height.
TMSHEIGHT	51	92	N	4	1	D	.TR_MEAS.TOTAL_HEIGHT_MEASURED. Measured tree height(meters).
TMSDIA_HT	52	96	N	1	0	R	** Not Referenced in Data Collection System **
TMSCOMP_HT	53	97	C	1	0	R	.TR_MEAS.COMPILATION_HEIGHT_INDICATOR. Top Height Sample Tree
TMS_AGE13M	54	98	N	3	0	R	.TR_MEAS.BORING_AGE. Tree age in years as determined by counting the rings on the core sample taken at a height of 1.3 metres.
TMSBOREHT	55	101	N	4	2	R	.TR_MEAS.BORING_HEIGHT. Core Sample Height(Metres). The height above the ground at which a core sample was taken.
TMS_AGE_TL	56	105	N	3	0	N	** No Longer Used **
TMSCOMPAGE	57	108	C	1	0	R	.TR_MEAS.COMPILATION_AGE_INDICATOR.. Age Sample Tree
TMSPTHCODE	58	109	C	1	0	R	.TR_MEAS.PITH_INDICATOR. Pith Code
TM_RADINC1	59	110	N	3	0	R	.TR_MEAS.RADIAL_INCREMENT_10_YEARS. Radial Increment #1
TM_RADINC2	60	113	N	3	0	R	.TR_MEAS.RADIAL_INCREMENT_20_YEARS. Radial Increment#2
TM_OUTPLOT	61	116	C	1	0	R	Tree IN Plot: (Y)es or (N)o.
TMS_TOP	62	117	N	3	0	R	.TR_MEAS.TOP_PERCENT. Top Slope%
TMS_BOT	63	120	N	3	0	R	.TR_MEAS.BOTTOM_PERCENT. Bottom Slope%
TMS_SLPDIS	64	123	N	4	1	R	.TR_MEAS.SLOPE_DISTANCE. Slope Distance(Metres)
TMS_SLOPE	65	127	N	3	0	R	.TR_MEAS.SLOPE_PERCENT.
TMS_HTCORR	66	130	N	4	2	R	.TR_MEAS.HEIGHT_CORRECTION. Height Measurement -

TM_PESTINJ 67 134 C 2 0 R Height Correction
 Pest Injury Code: A 2 character code representing
 the injury.

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Data Structure for:TR_MEAS.DBF

Field Name	Field #	Column #	Data Type	Total Lngth	Deci- mals	Data Srce	Field Description.....
TR_SPECIES	68	136	C	3	0	F	Tree - Species. The tree species, validated from a table of possible species. This value is updated if the species has changed in a remeasurement. The old species is retained in the previous tree measurement record.
TM_REMEASD	69	139	L	1	0	D	Measurement/Re-Measurement Complete - True or False.
TM_MEMO	70	140	C	20	0	R	.TR_MEAS.TREE_MEASUREMENT_REMARKS.wTree Measurement Comments (20 Chars Max.)
TM_HT_BRK	71	160	N	2	0	R	.TR_MEAS.HEIGHT_TO_BREAK. The height(meters) above the germination point to the break.
DUMMY_A	72	162	C	1	0	F	*** Dummy Field ***
DUMMY_B	73	163	C	1	0	F	*** Dummy Field ***
TM_PRV_HT	74	164	C	1	0	D	'*' if tree measured for height during previous measurement, otherwise ' '.
CR_DATE	75	165	D	8	0	F	Date this table row was created.
CR_TIME	76	173	C	8	0	F	Time of Table row creation (hh:mm:ss).
LU_DATE	77	181	D	8	0	F	Date table row was last updated.
LU_TIME	78	189	C	8	0	F	Time of last table row update (hh:mm:ss).
CR_MODE	79	197	C	1	0	F	Created in a (H)ost directory, <blank> not created in a Host directory.
LU_MODE	80	198	C	1	0	F	Last updated in (H)ost directory, <blank> last updated in other than Host directory.
TM_PRV_AGE	81	199	C	1	0	R	'*' if tree age (TMS_AGE13M) was > 0 at previous measurement. Otherwise, <blank>.
DUMMY_C	82	200	C	1	0	D	Dummy variable for Sample tree display (118) called from sample composition(117).

Number of Cols: 200

