Table Definitions for GainSeeker Version 9.500

(Btrieve files are Table_Name.Dat unless noted otherwise)

Table Name: ACTIONCA (CAUSE, EVENTCA) (Action.dat)

	FIELD NAME	DATA TYPE	POS	LEN	Comments and Valid Values
1.	CODENUM	Integer	1	2	Unique corrective action value (greater than 0)
2.	SHORTDESC	String	3	4	Short description for charts - can be blank
3.	LONGDESC	String	7	60	Long description - can be blank
4.	SHOWINDE	Integer	67	1	1 = show everywhere, 0 = hide in data entry, 2 = hide everywhere
5.	NOT_USED	Integer	68	1	Not used (set to 0 - may not exist in the file)

INDEX	SEGMENT	FIELD NAME	DUP MOD	NUL	CAS	DES
0		CODENUM			Yes	

Table Name: AUDITTRL

	FIELD NAME	DATA TYPE	POS	LEN	Comments and Valid Values
1.	IDX	String	1	10	Unique index
2.	USER_NAME	String	11	20	User name
3.	DATE_TIME	String	31	12	Date string - must be in YYYYMMDDHHMM format
4.	AUDIT_TYPE	String	43	14	Type of audit (Configuration, Cms.ini, SPC Data, etc…)
5.	CONFIG_NO	Integer	57	2	Configuration number
6.	TABLE_NAME	String	59	76	Table name or file and path affected
7.	AUDIT_KEY	String	135	72	Key of record or description
8.	EVENT	String	207	8	Action performed (Change, Delete, Login)
9.	CHANGES	String	215	3864	XML or description of changes (length depends on database)

INDEX	SEGMENT	FIELD NAME	DUP MOD	NUL	CAS	DES
0		IDX			Yes	

Table Name: CAUSE (See ACTION, EVENTCA)

Table Name: DASHDT

	FIELD NAME	DATA TYPE	POS	LEN	Comments and Valid Values
1.	NAME	String	1	40	Desktop name
2.	FILENAME	String	41	8	Up to eight character file name for desktop

INDEX	SEGMENT	FIELD NAME	DUP MOD	NUL	CAS	DES
0		NAME	Yes		Yes	

Table Name: DASHRET

	FIELD NAME	DATA TYPE	POS	LEN	Comments and Valid Values
1.	NAME	String	1	40	Retrieval name
2.	FILENAME	String	41	8	Up to eight character file name for retrieval
3.	TYPE	Integer	49	2	Retr type: 1=SPC, 2=DMS

INDEX	SEGMENT	FIELD NAME	DUP MOD	NUL	CAS	DES
0	0	NAME	Yes		Yes	
	1	TYPE	Yes		Yes	

Table Name: DASHSW

	FIELD NAME	DATA TYPE	POS	LEN	Comments and Valid Values
1.	NAME	String	1	40	Dashboard name
2.	FILENAME	String	41	8	Up to eight character file name for dashboard
3.	TYPE	Integer	49	2	Dashboard type: 1=RTF, 2=KPI, 3=Stats, 99=DMS stats filter

INDEX	SEGMENT	FIELD NAME	DUP MOD	NUL	CAS	DES
0	0	NAME	Yes		Yes	
	1	TYPE	Yes		Yes	

Table Name: DDAT_AUX

	FIELD NAME	DATA TYPE	POS	LEN	Comments and Valid Values
1.	PARTNOAUX	String	1	30	Any value but all spaces - must be left justified
2.	PROCESSAUX	String	31	14	Any value but all spaces - must be left justified
3.	DATETIMEAUX	String	45	16	Date string - must be in YYYYMMDDHHMMSSSS format
4.	UDL7	String	61	30	Any value - must be left justified
5.	UDL8	String	91	30	Any value - must be left justified
6.	UDL9	String	121	30	Any value - must be left justified
7.	UDL10	String	151	30	Any value - must be left justified
8.	UDL11	String	181	30	Any value - must be left justified
9.	UDL12	String	211	30	Any value - must be left justified
10.	UDL13	String	241	30	Any value - must be left justified
11.	UDL14	String	271	30	Any value - must be left justified
12.	UDL15	String	301	30	Any value - must be left justified
13.	UDL16	String	331	30	Any value - must be left justified
14.	UDL17	String	361	30	Any value - must be left justified
15.	UDL18	String	391	30	Any value - must be left justified
16.	UDL19	String	421	30	Any value - must be left justified
17.	UDL20	String	451	30	Any value - must be left justified
18.	UDL21	String	481	30	Any value - must be left justified
19.	UDL22	String	511	30	Any value - must be left justified
20.	UDL23	String	541	30	Any value - must be left justified
21.	UDL24	String	571	30	Any value - must be left justified
22.	UDL25	String	601	30	Any value - must be left justified
23.	UDL26	String	631	30	Any value - must be left justified
24.	UDL27	String	661	30	Any value - must be left justified
25.	UDL28	String	691	30	Any value - must be left justified
26.	UDL29	String	721	30	Any value - must be left justified
27.	UDL30	String	751	30	Any value - must be left justified
28.	UDL31	String	781	30	Any value - must be left justified
29.	UDL32	String	811	30	Any value - must be left justified
30.	UDL33	String	841	30	Any value - must be left justified
31.	UDL34	String	871	30	Any value - must be left justified
32.	UDL35	String	901	30	Any value - must be left justified
33.	UDL36	String	931	30	Any value - must be left justified
34.	UDL37	String	961	30	Any value - must be left justified
35.	UDL38	String	991	30	Any value - must be left justified
36.	UDL39	String	1021	30	Any value - must be left justified
37.	UDL40	String	1051	30	Any value - must be left justified
38.	UDL41	String	1081	30	Any value - must be left justified
39.	UDL42	String	1111	30	Any value - must be left justified
40.	UDL43	String	1141	30	Any value - must be left justified
41.	UDL44	String	1171	30	Any value - must be left justified
42.	UDL45	String	1201	30	Any value - must be left justified
43.	UDL46	String	1231	30	Any value - must be left justified
44.	UDL47	String	1261	30	Any value - must be left justified
45.	UDL48	String	1291	30	Any value - must be left justified
46.	DBL1	Float	1321	8	Not currently used
47.	LNG1	Integer	1329	4	Not currently used
48.	STR1	String	1333	28	Not currently used

INDEX	SEGMENT	FIELD NAME	DUP MOD	NUL	CAS	DES
0	0	PARTNOAUX		Yes	Yes	
	1	PROCESSAUX		Yes	Yes	
	2	DATETIMEAUX		Yes	Yes	

Table Name: DDATA

	FIELD NAME	DATA TYPE	POS	LEN	Comments and Valid Values
1.	PARTNO	String	1	30	Any value but all spaces - must be left justified
2.	PROCESS	String	31	14	Any value but all spaces - must be left justified
3.	DATETIME	String	45	16	Date string - must be in YYYYMMDDHHMMSSSS format
4.	UDL1	String	61	30	Any value - must be left justified
5.	UDL2	String	91	1	Any value
6.	EVENT	String	92	1	Space, asterisk, or recognized character (a-z, A-Z, 0-9, #, !, $)
7.	UDL3	String	93	30	Any value - must be left justified
8.	UDL4	String	123	30	Any value - must be left justified
9.	UDL5	String	153	30	Any value - must be left justified
10.	UDL6	String	183	30	Any value - must be left justified
11.	SSIZE	Float	213	8	Value must be greater or equal to zero
12.	NCU	Float	221	8	Value must be greater or equal to zero
13.	SUMDEFECTS	Float	229	8	Sum of DEFECTCNT1 through DEFECTCNT20
14.	DEFECTID1	Integer	237	4	Defect ID from DMDL or zero if no defect
15.	DEFECTID2	Integer	241	4	Defect ID from DMDL or zero if no defect
16.	DEFECTID3	Integer	245	4	Defect ID from DMDL or zero if no defect
17.	DEFECTID4	Integer	249	4	Defect ID from DMDL or zero if no defect
18.	DEFECTID5	Integer	253	4	Defect ID from DMDL or zero if no defect
19.	DEFECTID6	Integer	257	4	Defect ID from DMDL or zero if no defect
20.	DEFECTID7	Integer	261	4	Defect ID from DMDL or zero if no defect
21.	DEFECTID8	Integer	265	4	Defect ID from DMDL or zero if no defect
22.	DEFECTID9	Integer	269	4	Defect ID from DMDL or zero if no defect
23.	DEFECTID10	Integer	273	4	Defect ID from DMDL or zero if no defect
24.	DEFECTID11	Integer	277	4	Defect ID from DMDL or zero if no defect
25.	DEFECTID12	Integer	281	4	Defect ID from DMDL or zero if no defect
26.	DEFECTID13	Integer	285	4	Defect ID from DMDL or zero if no defect
27.	DEFECTID14	Integer	289	4	Defect ID from DMDL or zero if no defect
28.	DEFECTID15	Integer	293	4	Defect ID from DMDL or zero if no defect
29.	DEFECTID16	Integer	297	4	Defect ID from DMDL or zero if no defect
30.	DEFECTID17	Integer	301	4	Defect ID from DMDL or zero if no defect
31.	DEFECTID18	Integer	305	4	Defect ID from DMDL or zero if no defect
32.	DEFECTID19	Integer	309	4	Defect ID from DMDL or zero if no defect
33.	DEFECTID20	Integer	313	4	Defect ID from DMDL or zero if no defect
34.	DEFECTCNT1	Float	317	8	Value must be greater or equal to zero
35.	DEFECTCNT2	Float	325	8	Value must be greater or equal to zero
36.	DEFECTCNT3	Float	333	8	Value must be greater or equal to zero
37.	DEFECTCNT4	Float	341	8	Value must be greater or equal to zero
38.	DEFECTCNT5	Float	349	8	Value must be greater or equal to zero
39.	DEFECTCNT6	Float	357	8	Value must be greater or equal to zero
40.	DEFECTCNT7	Float	365	8	Value must be greater or equal to zero
41.	DEFECTCNT8	Float	373	8	Value must be greater or equal to zero
42.	DEFECTCNT9	Float	381	8	Value must be greater or equal to zero
43.	DEFECTCNT10	Float	389	8	Value must be greater or equal to zero
44.	DEFECTCNT11	Float	397	8	Value must be greater or equal to zero
45.	DEFECTCNT12	Float	405	8	Value must be greater or equal to zero
46.	DEFECTCNT13	Float	413	8	Value must be greater or equal to zero
47.	DEFECTCNT14	Float	421	8	Value must be greater or equal to zero
48.	DEFECTCNT15	Float	429	8	Value must be greater or equal to zero
49.	DEFECTCNT16	Float	437	8	Value must be greater or equal to zero
50.	DEFECTCNT17	Float	445	8	Value must be greater or equal to zero
51.	DEFECTCNT18	Float	453	8	Value must be greater or equal to zero
52.	DEFECTCNT19	Float	461	8	Value must be greater or equal to zero
53.	DEFECTCNT20	Float	469	8	Value must be greater or equal to zero
54.	NOTE	Integer	477	2	0 = None, 1 = User note, 2 = Control failure, 4 = Gate failure

INDEX	SEGMENT	FIELD NAME	DUP MOD	NUL	CAS	DES
0	0	PARTNO		Yes	Yes	
	1	PROCESS		Yes	Yes	
	2	DATETIME		Yes	Yes	

Table Name: DDT (DESKTOP, DFILTER, DSTATS, FILTER, MFILTER, REPORT, SFILTER, STATLIST)

	FIELD NAME	DATA TYPE	POS	LEN	Comments and Valid Values
1.	NAME	String	1	40	Name of desktop, should not be blank
2.	FILENAME	String	41	8	Up to eight character file name for desktop

INDEX	SEGMENT	FIELD NAME	DUP MOD	NUL	CAS	DES
0		NAME			Yes	

Table Name: DESKTOP **(See DDT,DFILTER,DSTATS,FILTER,MFILTER,REPORT,SFILTER,STATLIST)**

Table Name: DFILTER **(See DDT,DESKTOP,DSTATS,FILTER,MFILTER,REPORT,SFILTER,STATLIST)**

Table Name: DMDL

	FIELD NAME	DATA TYPE	POS	LEN	Comments and Valid Values
1.	DEFECTID	Integer	1	4	ID must be unique number greater than zero
2.	DESCRIPT	String	5	30	Any value
3.	COST	Float	35	8	Value must be greater or equal to zero

INDEX	SEGMENT	FIELD NAME	DUP MOD	NUL	CAS	DES
0		DEFECTID			Yes	

Table Name: DNOTE

	FIELD NAME	DATA TYPE	POS	LEN	Comments and Valid Values
1.	PARTNO	String	1	30	Any value except all spaces - must be left justified
1.	PROCESS	String	31	14	Any value except all spaces - must be left justified
3.	DATETIME	String	45	16	Date string - must be in YYYYMMDDHHMMSSSS format
4.	S1	String	61	240	First 240 characters of the note
5.	S2	String	301	240	Second 240 characters of the note (all spaces if not used)

INDEX	SEGMENT	FIELD NAME	DUP MOD	NUL	CAS	DES
0	0	PARTNO	Yes	Yes		
	1	PROCESS	Yes	Yes		
	2	DATETIME	Yes	Yes		

Table Name: DPRI (VPRI)

	FIELD NAME	DATA TYPE	POS	LEN	Comments and Valid Values
1.	USERNAME	String	1	20	User name, must match name in USERPROF
2.	S1	String	21	220	Values - see S2
3.	S2	String	241	220	Values - 30 character part numbers alternate with 14 character descriptions

INDEX	SEGMENT	FIELD NAME	DUP MOD	NUL	CAS	DES
0		USERNAME	Yes		Yes	

Table Name: DPRI_DT (VPRI_DT)

	FIELD NAME	DATA TYPE	POS	LEN	Comments and Valid Values
1.	USERNAME	String	1	20	User name, must match name in USERPROF
2.	S1	String	21	200	Values - 40 character desktop names
3.	S2	String	221	200	Values - see S1

INDEX	SEGMENT	FIELD NAME	DUP MOD	NUL	CAS	DES
0		USERNAME	Yes		Yes	

Table Name: DPROC

	FIELD NAME	DATA TYPE	POS	LEN	Comments and Valid Values
1.	PROCESS	String	1	14	Any value except all spaces - must be left justified
2.	PROCMEMO	String	15	80	Any value
3.	DPUVAL	Float	95	8	Value must be greater or equal to zero or -1.6E+98 if not set
4.	DPUDATE	String	103	8	Date string - must be in YYYYMMDD format

INDEX	SEGMENT	FIELD NAME	DUP MOD	NUL	CAS	DES
0		PROCESS	Yes		Yes	

Table Name: DPROCDL

	FIELD NAME	DATA TYPE	POS	LEN	Comments and Valid Values
1.	PROCESS	String	1	14	Any value except all spaces - must be left justified
2.	DEFECT1	Integer	15	4	Zero or ID number from DMDL
3.	DEFECT2	Integer	19	4	Zero or ID number from DMDL
4.	DEFECT3	Integer	23	4	Zero or ID number from DMDL
5.	DEFECT4	Integer	27	4	Zero or ID number from DMDL
6.	DEFECT5	Integer	31	4	Zero or ID number from DMDL
7.	DEFECT6	Integer	35	4	Zero or ID number from DMDL
8.	DEFECT7	Integer	39	4	Zero or ID number from DMDL
9.	DEFECT8	Integer	43	4	Zero or ID number from DMDL
10.	DEFECT9	Integer	47	4	Zero or ID number from DMDL
11.	DEFECT10	Integer	51	4	Zero or ID number from DMDL
12.	DEFECT11	Integer	55	4	Zero or ID number from DMDL
13.	DEFECT12	Integer	59	4	Zero or ID number from DMDL
14.	DEFECT13	Integer	63	4	Zero or ID number from DMDL
15.	DEFECT14	Integer	67	4	Zero or ID number from DMDL
16.	DEFECT15	Integer	71	4	Zero or ID number from DMDL
17.	DEFECT16	Integer	75	4	Zero or ID number from DMDL
18.	DEFECT17	Integer	79	4	Zero or ID number from DMDL
19.	DEFECT18	Integer	83	4	Zero or ID number from DMDL
20.	DEFECT19	Integer	87	4	Zero or ID number from DMDL
21.	DEFECT20	Integer	91	4	Zero or ID number from DMDL
22.	DLPOS	Integer	95	4	Position in list - this is an optional column for ODBC only

INDEX	SEGMENT	FIELD NAME	DUP	MOD	NUL	CAS	DES
0		PROCESS	Yes	Yes		Yes	
1	0	PROCESS	Yes	Yes		Yes	(ODBC only)
	1	DLPOS	Yes	Yes		Yes	

Table Name: DSTATS (See DDT,DESKTOP,DFILTER,FILTER,MFILTER,REPORT,SFILTER,STATLIST)

Table Name: DSTDS

	FIELD NAME	DATA TYPE	POS	LEN	Comments and Valid Values
1.	PARTNO	String	1	30	Any value except all spaces - must be left justified
2.	PROCESS	String	31	14	Any value except all spaces - must be left justified
3.	NCUCOST	Float	45	8	Value must be greater or equal to zero
4.	NUMOPP	Integer	53	4	Value must be greater than zero
5.	SSIZE	Float	57	8	Value must be greater or equal to zero or -1.6E+98 if not set
6.	LGATE	Float	65	8	-1.6E+98 means the value is not set
7.	UGATE	Float	73	8	-1.6E+98 means the value is not set

INDEX	SEGMENT	FIELD NAME	DUP MOD	NUL	CAS	DES
0	0	PARTNO	Yes		Yes	
	1	PROCESS	Yes		Yes	

Table Name: EVENT (Used for DMS only)

	FIELD NAME	DATA TYPE	POS	LEN	Comments and Valid Values
1.	EVENTCHAR	String	1	1	This should not be changed
2.	SORTFIELD	String	2	1	This should not be changed
3.	EVENTDESCRIPTION	String	3	60	Any value

INDEX	SEGMENT	FIELD NAME	DUP	MOD	NUL	CAS	DES
0		EVENTCHAR			Yes		(Pervasive only)
1		SORTFIELD			Yes		

Table Name: EVENTCA (See ACTION,CAUSE,EVENTCA)

Table Name: FILTER (See DDT,DESKTOP,DFILTER,DSTATS,MFILTER,REPORT,SFILTER,STATLIST)

Table Name: HSICFG

	FIELD NAME	DATA TYPE	POS	LEN	Comments and Valid Values
1.	HSIID	Integer	1	4	Any value
2.	HSITYPE	Integer	5	4	Configuration type number
3.	HSIKEY	ZString	9	30	Any value
4.	HSIVALUE	ZString		255	Any value

INDEX	SEGMENT	FIELD NAME	DUP	MOD	NUL	CAS	DES
0	0	HSIID	Yes			Yes	
	1	HSITYPE	Yes			Yes	
1	0	HSITYPE	Yes			Yes	
	1	HSIKEY	Yes			Yes	

Table Name: HSICT

	FIELD NAME	DATA TYPE	POS	LEN	Comments and Valid Values
1.	LEVEL_1	ZString	1	100	Any value
2.	LEVEL_2	ZString	101	100	Any value
3.	LEVEL_3	ZString	201	100	Any value
4.	LEVEL_4	ZString	301	100	Any value
5.	LEVEL_5	ZString	401	100	Any value
6.	LEVEL_6	ZString	501	100	Any value
7.	GP_VALUE	ZString	601	100	Any value

INDEX	SEGMENT	FIELD NAME	DUP	MOD	NUL	CAS	DES
0	0	LEVEL_1	Yes			Yes	
	1	LEVEL_2	Yes			Yes	
	2	LEVEL_3	Yes			Yes	

Table Name: HSIRPT

	FIELD NAME	DATA TYPE	POS	LEN	Comments and Valid Values
1.	HSITYPE	Integer	1	4	Report type number, see key below
2.	HSIPOS	Integer	5	4	0 or greater, currently always 0
3.	HSINAME	ZString	9	40	Any value
4.	LASTUSED	Integer		8	17-digit date integer in yyyymmddhhmmssmmm format
5.	LASTEDIT	Integer		8	17-digit date integer in yyyymmddhhmmssmmm format
6.	LASTEDITBY	ZString		255	Any value
7.	BONUS	ZString		40	Any value
8.	HSIFILE	CLOB		?	Depends on report type

INDEX	SEGMENT	FIELD NAME	DUP	MOD	NUL	CAS	DES
0	0	HSITYPE		Yes		Yes	
	1	HSINAME		Yes		Yes	

HSITYPE values
1 - SPC Dynamic Report
2 - DMS Dynamic Report
3 - Advanced Dynamic Report
4 - .Launch Settings (per user)
5 - Multiple Query Dynamic Report
6 - Desktop
7 - SPC Data Columns format
8 - DMS Data Columns format
9 - SPC Data Grid scrolling items format
10 - DMS Data Grid scrolling items format
11 - Control Detail table format
12 - DPU Detail table format
13 - Pareto Detail table format
14 - SPC Data Grid header items format
15 - DMS Data Grid header items format
16 - SPC Dashboard retrieval
17 - DMS Dashboard retrieval
18 - Dashboard
19 - Mobile published inspection XML
20 - PC published inspection XML - (internal copy)
21 - Inspection (XML is written to 22 and 23 when 21 is saved in Inspection Editor)
22 - Saved mobile inspection XML (22 and 23 are written to 19 and 20 when they are published)
23 - Saved PC inspection XML
24 - Inspection Priority list
25 - Priority Desktop list
26 - OEE Detail table format
27 - SPC Chart Skin
28 - DMS Chart Skin
29 - Planned Inspection
30 - Planned Inspection Assignment List
31 - RS232 Device Profiles
32 - Web Desktop

33 - Import/Export settings for SPC
34 - Import/Export settings for DMS
35 - Dynamic Desktop
36 - SPC Dynamic Dashboard Retrieval
37 - DMS Dynamic Dashboard Retrieval
38 - Dynamic Reports 2 Report JSON
39 - Dynamic Reports 2 SPC Retrieval
40 - Dynamic Reports 2 DMS Retrieval
41 - Dynamic Reports 2 SPC Advanced Retrieval
42 - Dynamic Reports 2 DMS Advanced Retrieval
43 - Dynamic Reports 2 SPC Scripted Retrieval
44 - Dynamic Reports 2 DMS Scripted Retrieval
45 - SPC Mult Single Data Columns format
46 - Dashboard script folders
47 - Inspection script folders
48 - Retrieval SPC script folders
49 - Retrieval DMS script folders
50 - Pinned Dashboard script folders
51 - Pinned Inspection script folders
52 - Pinned Retrieval SPC script folders
53 - Pinned Retrieval DMS script folders

Table Name: HSISCRIPTS

	FIELD NAME	DATA TYPE	POS	LEN	Comments and Valid Values
1.	HSITYPE	Integer	1	4	0=CustomStatSPC,1=CustomStatDMS,2=DashControl,3=Inspection, 4=ExtDataSPC, 5=ExtDataDMS
2.	HSIVER	Integer	5	4	Any value
3.	HSIID	ZString	9	40	Custom Stat number or script name
4.	HSILABEL	ZString	49	40	Custom Stat name or script name
5.	HSIFORMAT	ZString	89	40	Custom Stat format
6.	HSIRETURNTYPE	Integer	129	4	Custom Stat return type
7.	LASTEDIT	Integer	133	8	17-digit date integer in yyyymmddhhmmssmmm format
8.	LASTEDITBY	ZString	141	255	Any value
9.	BONUS	ZString	396	40	Any value
10.	HSISCRIPT	CLOB	436	?	Depends on report type

INDEX	SEGMENT	FIELD NAME	DUP	MOD	NUL	CAS	DES
0	0	HSITYPE		Yes		Yes	
	1	HSIVER		Yes		Yes	
	2	HSIID		Yes		Yes	

Table Name: INSPECTIONUID

	FIELD NAME	DATA TYPE	POS	LEN	Comments and Valid Values
1.	UNIQUEID	ZString	1	40	Unique ID
2.	INSPECTNAME	ZString	41	40	Name of Inspection
3.	DATETIME	ZString	81	17	17-digit date integer in yyyymmddhhmmssmmm format
4.	LASTUSER	ZString	98	40	Any value
5.	STATEINFO	ZString	138	100	Any value
6.	TRACEREC	ZString	238	2000	Any value

INDEX	SEGMENT	FIELD NAME	DUP	MOD	NUL	CAS	DES
0	0	UNIQUEID		Yes		Yes	
	1	INSPECTNAME		Yes		Yes	

Table Name: MFILTER (See DDT,DESKTOP,DFILTER,DSTATS,FILTER,REPORT,SFILTER,STATLIST)

Table Name: PLAN_AUX

	FIELD NAME	DATA TYPE	POS	LEN	Comments and Valid Values
1.	NAMEAUX	String	1	40	Name of planned session
2.	ROWNUMBERAUX	Integer	41	2	Row number in the template
3.	UDL7	String	43	30	Trace 7, !, or ?
4.	UDL8	String	73	30	Trace 8, !, or ?
5.	UDL9	String	103	30	Trace 9, !, or ?
6.	UDL10	String	133	30	Trace 10, !, or ?
7.	UDL11	String	163	30	Trace 11, !, or ?
8.	UDL12	String	193	30	Trace 12, !, or ?
9.	UDL13	String	223	30	Trace 13, !, or ?
10.	UDL14	String	253	30	Trace 14, !, or ?
11.	UDL15	String	283	30	Trace 15, !, or ?
12.	UDL16	String	313	30	Trace 16, !, or ?
13.	UDL17	String	343	30	Trace 17, !, or ?
14.	UDL18	String	373	30	Trace 18, !, or ?
15.	UDL19	String	403	30	Trace 19, !, or ?
16.	UDL20	String	433	30	Trace 20, !, or ?
17.	UDL21	String	463	30	Trace 21, !, or ?
18.	UDL22	String	493	30	Trace 22, !, or ?
19.	UDL23	String	523	30	Trace 23, !, or ?
20.	UDL24	String	553	30	Trace 24, !, or ?
21.	UDL25	String	583	30	Trace 25, !, or ?
22.	UDL26	String	613	30	Trace 26, !, or ?
23.	UDL27	String	643	30	Trace 27, !, or ?
24.	UDL28	String	673	30	Trace 28, !, or ?
25.	UDL29	String	703	30	Trace 29, !, or ?
26.	UDL30	String	733	30	Trace 30, !, or ?
27.	UDL31	String	763	30	Trace 31, !, or ?
28.	UDL32	String	793	30	Trace 32, !, or ?
29.	UDL33	String	823	30	Trace 33, !, or ?
30.	UDL34	String	853	30	Trace 34, !, or ?
31.	UDL35	String	883	30	Trace 35, !, or ?
32.	UDL36	String	913	30	Trace 36, !, or ?
33.	UDL37	String	943	30	Trace 37, !, or ?
34.	UDL38	String	973	30	Trace 38, !, or ?
35.	UDL39	String	1003	30	Trace 39, !, or ?
36.	UDL40	String	1033	30	Trace 40, !, or ?
37.	UDL41	String	1063	30	Trace 41, !, or ?
38.	UDL42	String	1093	30	Trace 42, !, or ?
39.	UDL43	String	1123	30	Trace 43, !, or ?
40.	UDL44	String	1153	30	Trace 44, !, or ?
41.	UDL45	String	1183	30	Trace 45, !, or ?
42.	UDL46	String	1213	30	Trace 46, !, or ?
43.	UDL47	String	1243	30	Trace 47, !, or ?
44.	UDL48	String	1273	30	Trace 48, !, or ?

INDEX	SEGMENT	FIELD NAME	DUP MOD	NUL	CAS	DES
0	0	NAMEAUX		Yes	Yes	
	1	ROWNUMBERAUX		Yes	Yes	

Table Name: PLAN_VAL

	FIELD NAME	DATA TYPE	POS	LEN	Comments and Valid Values
1.	NAME	String	1	40	Name of planned session
2.	ROWNUMBER	Integer	41	2	Row number in the template
3.	PARTNO	String	43	30	Part number, !, or ?
4.	UDL1	String	73	30	Trace 1, !, or ?
5.	UDL2	String	103	1	Trace 2, !, or ?
6.	F1	String	104	1	Not used (set to space)
7.	UDL3	String	105	30	Trace 3, !, or ?
8.	UDL4	String	135	30	Trace 4, !, or ?
9.	UDL5	String	165	30	Trace 5, !, or ?
10.	UDL6	String	195	30	Trace 6, !, or ?

INDEX	SEGMENT	FIELD NAME	DUP MOD	NUL	CAS	DES
0	0	NAME		Yes	Yes	
	1	ROWNUMBER		Yes	Yes	

Table Name: REPORT (See DDT,DESKTOP,DFILTER,DSTATS,FILTER,MFILTER,SFILTER,STATLIST)

Table Name: SCHFILE

	FIELD NAME	DATA TYPE	POS	LEN	Comments and Valid Values
1.	NAME	String	1	40	Name of planned session
2.	DATEDUE	String	41	16	Date due in YYYYMMDDHHMMSSSS format
3.	DATEENTERED	String	57	16	Date entered in YYYYMMDDHHMMSSSS format
4.	VIEWNAME	String	73	40	Template name
5.	TRACEKEY	String	113	1	0 = part number, 1-6 = short run trace field used
6.	DELUSER	String	114	1	0 = False, 1 = True
7.	DELENTRY	String	115	1	0 = False, 1 = True
8.	F1	String	116	1	Not used (set to space)
9.	SCRIPT	String	117	20	Not currently used (set to spaces)
10.	NOTE	String	137	250	Planned session note
11.	FILTER	String	387	20	Not currently used (set to spaces)
12.	U1	Integer	407	4	User number (NUMB) from USERPROFILE, or zero
13.	U2	Integer	411	4	User number (NUMB) from USERPROFILE, or zero
14.	U3	Integer	415	4	User number (NUMB) from USERPROFILE, or zero
15.	U4	Integer	419	4	User number (NUMB) from USERPROFILE, or zero
16.	U5	Integer	423	4	User number (NUMB) from USERPROFILE, or zero
17.	U6	Integer	427	4	User number (NUMB) from USERPROFILE, or zero
18.	U7	Integer	431	4	User number (NUMB) from USERPROFILE, or zero
19.	U8	Integer	435	4	User number (NUMB) from USERPROFILE, or zero
20.	U9	Integer	439	4	User number (NUMB) from USERPROFILE, or zero
21.	U10	Integer	443	4	User number (NUMB) from USERPROFILE, or zero
22.	F2	String	447	44	File name for users > 10

INDEX	SEGMENT	FIELD NAME	DUP	MOD	NUL	CAS	DES
0		NAME		Yes		Yes	
1		DATEDUE	Yes	Yes		Yes	
2		DATEENTERED	Yes	Yes		Yes	

Table Name: SCRIPTARCHIVE

	FIELD NAME	DATA TYPE	POS	LEN	Comments and Valid Values
1.	HSITYPE	Integer	1	4	2=DashControl,3=Inspection,4=ExtDataSPC,5=ExtDataDMS
2.	HSILABEL	ZString	5	40	Script name
3.	HSIVER	Integer	45	4	Archive version number
4.	DATETIME	Integer	49	8	17-digit date integer in yyyymmddhhmmssmmm format
5.	COMMITTEDBY	ZString	57	255	Name of user that committed the script
6.	COMMITMESSAGE	ZString	312	255	User-defined commit message
7.	HSISCRIPT	CLOB	567	?	JSON string of ScriptDesign object

INDEX	SEGMENT	FIELD NAME	DUP	MOD	NUL	CAS	DES
0	0	HSITYPE		Yes		Yes	
	1	HSILABEL		Yes		Yes	
	2	HSIVER		Yes		Yes	

Table Name: SESSION

	FIELD NAME	DATA TYPE	POS	LEN	Comments and Valid Values
1.	NAME	String	1	40	Stored session name
2.	FILENAME	String	41	8	Up to eight character file name for stored session
3.	USERNAME	String	49	20	Name which can access the session, or "ALL USERS"
4.	RESERVED1	String	69	4	Not used (set to spaces)

INDEX	SEGMENT	FIELD NAME	DUP	MOD	NUL	CAS	DES
0		NAME		Yes		Yes	

Table Name: SFILTER **(See DDT,DESKTOP,DFILTER,DSTATS,FILTER,MFILTER,REPORT,STATLIST)**

Table Name: STATLIST **(See DDT,DESKTOP,DFILTER,DSTATS,FILTER,MFILTER,REPORT,SFILTER)**

Table Name: TEMPLATE

	FIELD NAME	DATA TYPE	POS	LEN	Comments and Valid Values
1.	NAME	String	1	40	Template name
2.	FILENAME	String	41	8	Up to eight character file name for template
3.	ROWSNUMBER	Integer	49	2	Number of rows in template (negative if not released)

INDEX	SEGMENT	FIELD NAME	DUP	MOD	NUL	CAS	DES
0		NAME		Yes		Yes	

Table Name: TRACEMST

	FIELD NAME	DATA TYPE	POS	LEN	Comments and Valid Values
1.	UDL	Integer	1	4	User-defined label number
2.	UDLPOS	Integer	5	4	Position in list - zero is the user-defined label
3.	UDLVALUE	String	9	30	Any value, including blank entries

INDEX	SEGMENT	FIELD NAME	DUP	MOD	NUL	CAS	DES
0		UDL	Yes			Yes	
1		UDLPOS	Yes	Yes		Yes	

Table Name: TRPRIMST

	FIELD NAME	DATA TYPE	POS	LEN	Comments and Valid Values
1.	UDL	Integer	1	4	User-defined label number
2.	UDLPOS	Integer	5	4	Unused, historically it was the position in list and zero was the user-defined label
3.	UDLVALUE	String	9	30	Any value, including blank entries
4.	NAME	String	39	20	Any valid user name
5.	LONGINT	Integer	59	4	Extra column for template writer use
6.	STRING30	String	63	30	Extra column for template writer use
7.	STRING150	String	93	150	Extra column for template writer use

INDEX	SEGMENT	FIELD NAME	DUP	MOD	NUL	CAS	DES
0		UDL	Yes			Yes	
1		UDLPOS	Yes	Yes		Yes	
2		NAME	Yes	Yes		Yes	

Table Name: UDL1 - UDL6 (Trace1.dat – Trace6.dat)

	FIELD NAME	DATA TYPE	POS	LEN	Comments and Valid Values
1.	TRACEFIELD	String	1	30	Any value except all spaces - must be left-justified

INDEX	SEGMENT	FIELD NAME	DUP	MOD	NUL	CAS	DES
0		TRACEFIELD				Yes	

Table Name: VDAT_AUX (Follows VDATA)
Table Name: VDATA

	FIELD NAME	DATA TYPE	POS	LEN	Comments and Valid Values
1.	PARTNO	String	1	30	Any value except all spaces - must be left justified
2.	DATETIME	String	31	16	Date string - must be in YYYYMMDDHHMMSSSS format
3.	UDL1	String	47	30	Any value - must be left justified
4.	UDL2	String	77	1	Any value - must be left justified
5.	BYPASS	Integer	78	1	0=included in retrievals, >0=excluded
6.	UDL3	String	79	30	Any value - must be left justified
7.	UDL4	String	109	30	Any value - must be left justified
8.	UDL5	String	139	30	Any value - must be left justified
9.	UDL6	String	169	30	Any value - must be left justified
10.	EVENT	Integer	199	2	Code number for EventCA file - 0 means no event set
11.	CAUSE	Integer	201	2	Code number for Cause file - 0 means no cause set
12.	ACTIONTAKEN	Integer	203	2	Code number for Action file - 0 means no action set
13.	RTF	Integer	205	4	0=no real time failure, otherwise see key below
14.	VFLAGS	Integer	209	4	See VFLAGS key below
15.	DATA1	Float	213	8	-1.6E+98 means the value was not set
16.	DATA2	Float	221	8	-1.6E+98 means the value was not set
17.	DATA3	Float	229	8	-1.6E+98 means the value was not set
18.	DATA4	Float	237	8	-1.6E+98 means the value was not set
19.	DATA5	Float	245	8	-1.6E+98 means the value was not set
20.	DATA6	Float	253	8	-1.6E+98 means the value was not set
21.	DATA7	Float	261	8	-1.6E+98 means the value was not set
22.	DATA8	Float	269	8	-1.6E+98 means the value was not set
23.	SUBSIZE	Integer	277	2	Values between 1 and 72 are currently valid

INDEX	SEGMENT	FIELD NAME	DUP	MOD	NUL	CAS	DES
0	0	PARTNO		Yes		Yes	
	1	DATETIME		Yes		Yes	

Table Name: VDAT_AUX (VMON_AUX)

	FIELD NAME	DATA TYPE	POS	LEN	Comments and Valid Values
1.	PARTNOAUX	String	1	30	Any value but all spaces - must be left justified
2.	DATETIMEAUX	String	31	16	Date string - must be in YYYYMMDDHHMMSSSS format
3.	INT1	Integer	47	2	Not currently used
4.	UDL7	String	49	30	Any value - must be left justified
5.	UDL8	String	79	30	Any value - must be left justified
6.	UDL9	String	109	30	Any value - must be left justified
7.	UDL10	String	139	30	Any value - must be left justified
8.	UDL11	String	169	30	Any value - must be left justified
9.	UDL12	String	199	30	Any value - must be left justified
10.	UDL13	String	229	30	Any value - must be left justified
11.	UDL14	String	259	30	Any value - must be left justified
12.	UDL15	String	289	30	Any value - must be left justified
13.	UDL16	String	319	30	Any value - must be left justified
14.	UDL17	String	349	30	Any value - must be left justified
15.	UDL18	String	379	30	Any value - must be left justified
16.	UDL19	String	409	30	Any value - must be left justified
17.	UDL20	String	439	30	Any value - must be left justified
18.	UDL21	String	469	30	Any value - must be left justified
19.	UDL22	String	499	30	Any value - must be left justified
20.	UDL23	String	529	30	Any value - must be left justified
21.	UDL24	String	559	30	Any value - must be left justified
22.	UDL25	String	589	30	Any value - must be left justified
23.	UDL26	String	619	30	Any value - must be left justified
24.	UDL27	String	649	30	Any value - must be left justified
25.	UDL28	String	679	30	Any value - must be left justified
26.	UDL29	String	709	30	Any value - must be left justified
27.	UDL30	String	739	30	Any value - must be left justified
28.	UDL31	String	769	30	Any value - must be left justified
29.	UDL32	String	799	30	Any value - must be left justified
30.	UDL33	String	829	30	Any value - must be left justified
31.	UDL34	String	859	30	Any value - must be left justified
32.	UDL35	String	889	30	Any value - must be left justified
33.	UDL36	String	919	30	Any value - must be left justified
34.	UDL37	String	949	30	Any value - must be left justified
35.	UDL38	String	979	30	Any value - must be left justified
36.	UDL39	String	1009	30	Any value - must be left justified
37.	UDL40	String	1039	30	Any value - must be left justified
38.	UDL41	String	1069	30	Any value - must be left justified
39.	UDL42	String	1099	30	Any value - must be left justified
40.	UDL43	String	1129	30	Any value - must be left justified
41.	UDL44	String	1159	30	Any value - must be left justified
42.	UDL45	String	1189	30	Any value - must be left justified
43.	UDL46	String	1219	30	Any value - must be left justified
44.	UDL47	String	1249	30	Any value - must be left justified
45.	UDL48	String	1279	30	Any value - must be left justified
46.	DATA9	Float	1309	8	-1.6E+98 means the value was not set
47.	DATA10	Float	1317	8	-1.6E+98 means the value was not set
48.	DATA11	Float	1325	8	-1.6E+98 means the value was not set
49.	DATA12	Float	1333	8	-1.6E+98 means the value was not set
50.	DATA13	Float	1341	8	-1.6E+98 means the value was not set
51.	DATA14	Float	1349	8	-1.6E+98 means the value was not set
52.	DATA15	Float	1357	8	-1.6E+98 means the value was not set
53.	DATA16	Float	1365	8	-1.6E+98 means the value was not set
54.	DATA17	Float	1373	8	-1.6E+98 means the value was not set
55.	DATA18	Float	1381	8	-1.6E+98 means the value was not set
56.	DATA19	Float	1389	8	-1.6E+98 means the value was not set
57.	DATA20	Float	1387	8	-1.6E+98 means the value was not set
58.	DATA21	Float	1405	8	-1.6E+98 means the value was not set
59.	DATA22	Float	1413	8	-1.6E+98 means the value was not set
60.	DATA23	Float	1421	8	-1.6E+98 means the value was not set
61.	DATA24	Float	1429	8	-1.6E+98 means the value was not set
62.	DATA25	Float	1437	8	-1.6E+98 means the value was not set
63.	DATA26	Float	1445	8	-1.6E+98 means the value was not set
64.	DATA27	Float	1453	8	-1.6E+98 means the value was not set
65.	DATA28	Float	1461	8	-1.6E+98 means the value was not set
66.	DATA29	Float	1469	8	-1.6E+98 means the value was not set
67.	DATA30	Float	1477	8	-1.6E+98 means the value was not set
68.	DATA31	Float	1485	8	-1.6E+98 means the value was not set
69.	DATA32	Float	1493	8	-1.6E+98 means the value was not set
70.	DATA33	Float	1501	8	-1.6E+98 means the value was not set
71.	DATA34	Float	1509	8	-1.6E+98 means the value was not set
72.	DATA35	Float	1517	8	-1.6E+98 means the value was not set
73.	DATA36	Float	1525	8	-1.6E+98 means the value was not set
74.	DATA37	Float	1533	8	-1.6E+98 means the value was not set
75.	DATA38	Float	1541	8	-1.6E+98 means the value was not set
76.	DATA39	Float	1549	8	-1.6E+98 means the value was not set
77.	DATA40	Float	1557	8	-1.6E+98 means the value was not set
78.	DATA41	Float	1565	8	-1.6E+98 means the value was not set
79.	DATA42	Float	1573	8	-1.6E+98 means the value was not set
80.	DATA43	Float	1581	8	-1.6E+98 means the value was not set
81.	DATA44	Float	1589	8	-1.6E+98 means the value was not set
82.	DATA45	Float	1597	8	-1.6E+98 means the value was not set
83.	DATA46	Float	1605	8	-1.6E+98 means the value was not set
84.	DATA47	Float	1613	8	-1.6E+98 means the value was not set
85.	DATA48	Float	1621	8	-1.6E+98 means the value was not set
86.	DATA49	Float	1629	8	-1.6E+98 means the value was not set
87.	DATA50	Float	1637	8	-1.6E+98 means the value was not set
88.	DATA51	Float	1645	8	-1.6E+98 means the value was not set
89.	DATA52	Float	1653	8	-1.6E+98 means the value was not set
90.	DATA53	Float	1661	8	-1.6E+98 means the value was not set
91.	DATA54	Float	1669	8	-1.6E+98 means the value was not set
92.	DATA55	Float	1677	8	-1.6E+98 means the value was not set
93.	DATA56	Float	1685	8	-1.6E+98 means the value was not set
94.	DATA57	Float	1693	8	-1.6E+98 means the value was not set
95.	DATA58	Float	1701	8	-1.6E+98 means the value was not set
96.	DATA59	Float	1709	8	-1.6E+98 means the value was not set
97.	DATA60	Float	1717	8	-1.6E+98 means the value was not set
98.	DATA61	Float	1725	8	-1.6E+98 means the value was not set
99.	DATA62	Float	1733	8	-1.6E+98 means the value was not set
100.	DATA63	Float	1741	8	-1.6E+98 means the value was not set

101. DATA64	Float	1749	8	-1.6E+98 means the value was not set
102. DATA65	Float	1757	8	-1.6E+98 means the value was not set
103. DATA66	Float	1765	8	-1.6E+98 means the value was not set
104. DATA67	Float	1773	8	-1.6E+98 means the value was not set
105. DATA68	Float	1781	8	-1.6E+98 means the value was not set
106. DATA69	Float	1789	8	-1.6E+98 means the value was not set
107. DATA70	Float	1797	8	-1.6E+98 means the value was not set
108. DATA71	Float	1805	8	-1.6E+98 means the value was not set
109. DATA72	Float	1813	8	-1.6E+98 means the value was not set
110. DBL1	Float	1821	8	Not currently used
111. DBL2	Float	1829	8	Not currently used
112. DBL3	Float	1837	8	Not currently used
113. DBL4	Float	1845	8	Not currently used
114. DBL5	Float	1853	8	Not currently used
115. DBL6	Float	1861	8	Not currently used
116. DBL7	Float	1869	8	Not currently used
117. DBL8	Float	1877	8	Not currently used
118. DBL9	Float	1885	8	Not currently used
119. LNG1	Integer	1893	4	Not currently used
120. LNG2	Integer	1897	4	Not currently used
121. STR1	String	1901	30	Not currently used
122. STR2	String	1931	30	Not currently used
123. INT2	Integer	1961	2	Not currently used

INDEX	SEGMENT	FIELD NAME	DUP	MOD	NUL	CAS	DES
0	0	PARTNOAUX		Yes		Yes	
	1	DATETIMEAUX		Yes		Yes	

Table Name: VMON_AUX (See VDAT_AUX)

Table Name: VMON

	FIELD NAME	DATA TYPE	POS	LEN	Comments and Valid Values
1.	PARTNO	String	1	30	Any value except all spaces - must be left justified
2.	DATETIME	String	31	16	Date string - must be in YYYYMMDDHHMMSSSS format
3.	UDL1	String	47	30	Any value - must be left justified
4.	UDL2	String	77	1	Any value - must be left justified
5.	BYPASS	Integer	78	1	0=included in retrievals, >0=excluded
6.	UDL3	String	79	30	Any value - must be left justified
7.	UDL4	String	109	30	Any value - must be left justified
8.	UDL5	String	139	30	Any value - must be left justified
9.	UDL6	String	169	30	Any value - must be left justified
10.	EVENT	Integer	199	2	Code number for EventCA file - 0 means no event set
11.	CAUSE	Integer	201	2	Code number for Cause file - 0 means no cause set
12.	ACTIONTAKEN	Integer	203	2	Code number for Action file - 0 means no action set
13.	RTF	Integer	205	4	0 - no real time failure, otherwise see key below
14.	VFLAGS	Integer	209	4	See VFLAGS key below
15.	DATA1	Float	213	8	-1.6E+98 means the value was not set
16.	DATA2	Float	221	8	-1.6E+98 means the value was not set
17.	DATA3	Float	229	8	-1.6E+98 means the value was not set
18.	DATA4	Float	237	8	-1.6E+98 means the value was not set
19.	DATA5	Float	245	8	-1.6E+98 means the value was not set
20.	DATA6	Float	253	8	-1.6E+98 means the value was not set
21.	DATA7	Float	261	8	-1.6E+98 means the value was not set
22.	DATA8	Float	269	8	-1.6E+98 means the value was not set
23.	STATUS	String	277	24	Any value
24.	LASTREC	String	301	1	T - last record for this part, F - not last record
25.	NUMDEC	Integer	302	1	Values between 0 and 10 are currently valid
26.	SUBSIZE	Integer	303	2	Values between 1 and 8 are currently valid
27.	EXPO	Integer	305	2	Non-zero values between -100 and 100 are valid

INDEX	SEGMENT	FIELD NAME	DUP	MOD	NUL	CAS	DES
0	0	PARTNO		Yes		Yes	
	1	DATETIME		Yes		Yes	
1		LASTREC	Yes	Yes		Yes	

Table Name: VNOTE

	FIELD NAME	DATA TYPE	POS	LEN	Comments and Valid Values
1.	PARTNO	String	1	30	Any value except all spaces - must be left justified
2.	DATETIME	String	31	16	Date string - must be in YYYYMMDDHHMMSSSS format
3.	S1	String	47	238	First 238 characters of the note
4.	S2	String	285	238	Second 238 characters of the note (all spaces if not used)
5.	S3	String	523	238	Third 238 characters of the note (all spaces if not used)
6.	S4	String	761	238	Fourth 238 characters of the note (all spaces if not used)
7.	S5	String	999	238	Fifth 238 characters of the note (all spaces if not used)
8.	S6	String	1237	238	Sixth 238 characters of the note (all spaces if not used)
9.	S7	String	1475	238	Seventh 238 characters of the note (all spaces if not used)
10.	S8	String	1713	238	Eighth 238 characters of the note (all spaces if not used)
11.	LASTFIELD	Integer	1951	2	Field (1-8) which contains the end of the note
12.	RTF	Integer	1953	4	0=no real time failure, otherwise see key below

INDEX	SEGMENT	FIELD NAME	DUP	MOD	NUL	CAS	DES
0	0	PARTNO		Yes		Yes	
	1	DATETIME		Yes		Yes	

Table Name: VPRI (See DPRI)

Table Name: VPRI_DT (See DPRI_DT)

Table Name: VSTDS

	FIELD NAME	DATA TYPE	POS	LEN	Comments and Valid Values
1.	PARTNO	String	1	30	Any value except all spaces - must be left justified
2.	DESCRIPT	String	31	14	Any value - must be left justified
3.	NUMDEC	Integer	45	1	Values between 0 and 10 are currently valid
4.	RCHART	Integer	46	1	0=range chart, 1=moving range chart, 2=sigma chart
5.	SUBSIZE	Integer	47	2	Values between 1 and 8 are currently valid
6.	MEASUNIT	String	49	10	Any value - must be left justified
7.	DECONST	String	59	10	Any value - must be left justified
8.	RTCHK	Integer	69	4	0 means no real time checks, otherwise see key below
9.	INDLS	Float	73	8	-1.6E+98 means the value is not set
10.	INDUS	Float	81	8	-1.6E+98 means the value is not set
11.	SUBLG	Float	89	8	-1.6E+98 means the value is not set
12.	SUBUG	Float	97	8	-1.6E+98 means the value is not set
13.	RNGLG	Float	105	8	-1.6E+98 means the value is not set
14.	RNGUG	Float	113	8	-1.6E+98 means the value is not set
15.	INDLG	Float	121	8	-1.6E+98 means the value is not set
16.	INDUG	Float	129	8	-1.6E+98 means the value is not set
17.	REASLO	Float	137	8	-1.6E+98 means the value is not set
18.	REASHI	Float	145	8	-1.6E+98 means the value is not set
19.	SCALELO	Float	153	8	-1.6E+98 means the value is not set
20.	SCALEHI	Float	161	8	-1.6E+98 means the value is not set
21.	SCALER	Float	169	8	-1.6E+98 means the value is not set
22.	TARGETX	Float	177	8	-1.6E+98 means the value is not set
23.	TARGETR	Float	185	8	-1.6E+98 means the value is not set
24.	VFLAGS	Integer	193	4	VFLAGS And 1 - good records written to monitor VFLAGS And 2 - real-time failures written to monitor VFLAGS And 4 - values cannot be less than zero
25.	INDEXUDL	String	197	1	0=Part number, 1 to 6 = short run trace field key
26.	CODEM	Integer	198	1	1 - Target/Nominal, 2 - Short Run, 3 - Standardized, 4 - Uncoded
27.	METRIC	Integer	199	1	0=English, 1=Metric
28.	USEEXP	Integer	200	1	0 - No exponent, 1 - Use exponent
29.	EXPO	Integer	201	2	Non-zero values between -100 and 100 are valid
30.	DMSPN	String	203	30	Any valid DMS part number
31.	DMSPROC	String	233	14	Any valid DMS process
32.	STDVAR1	String	247	30	Any value including all spaces
33.	STDVAR2	String	277	30	Any value including all spaces
34.	STDVAR3	String	307	30	Any value including all spaces
35.	STDVAR4	String	337	30	Any value including all spaces

INDEX	SEGMENT	FIELD NAME	DUP	MOD	NUL	CAS	DES
0	0	PARTNO		Yes		Yes	
	1	INDEXUDL		Yes		Yes	
1		INDEXUDL	Yes	Yes		Yes	

Real-Time Check Key for Standard records

0 - No real-time checks
If checking for X-bar above control limit failures then add 1
If checking for X-bar below control limit failures then add 2
If checking for Range above control limit failures then add 4
If checking for Range below control limit failures then add 8
If checking for X-bar above Gate limit failures then add 16
If checking for X-bar below Gate limit failures then add 32
If checking for Range above Gate limit failures then add 64
If checking for Range below Gate limit failures then add 128
If checking for X above Spec limit failures then add 1024
If checking for X below Spec limit failures then add 2048
If checking for X above Individual limit failures then add 256
If checking for X below Individual limit failures then add 512
If checking for X-bar run above mean failures then add 4096
If checking for X-bar run below mean failures then add 8192
If checking for Range run above R-bar failures then add 16384
If checking for Range run below R-bar failures then add 32768
If checking for X-bar trend increasing failures then add 65536
If checking for X-bar trend decreasing failures then add 131072
If checking for Range trend increasing failures then add 262144
If checking for Range trend decreasing failures then add 524288
If checking for 2 of 3 above 2SD failures then add 1048576
If checking for 2 of 3 below 2SD failures then add 2097152
If checking for 4 of 5 above 1SD failures then add 4194304
If checking for 4 of 5 below 1SD failures then add 8388608
If checking for CuSum failure above failures then add 16777216
If checking for CuSum failure below failures then add 33554432

VFLAGS key for SPC Data and Monitor records

VFLAGS AND 1 - retrieved but marked as outlier
VFLAGS AND 2 - a note exists
VFLAGS AND 4 - Use exponent to display data values (Monitor only)
VFLAGS AND 8 - anchor point

Real-Time Failure Key for SPC Data and Monitor records

0 – No real-time failure
If X-bar above UCLx then add 1
If X-bar below LCLx then add 2
If range above UCLr then add 4
If range below LCLr then add 8
If X-bar above Gate then add 16
If X-bar below Gate then add 32
If range above Gate then add 64
If range below Gate then add 128
If X above Individual limit then add 256
If X below Individual limit then add 512
If X above Spec then add 1024
If X below Spec then add 2048
If 7 (run len) X-bar in a row above mean (or nominal) then add 4096
If 7 (run len) X-bar in a row below mean (or nominal) then add 8192
If 7 (run len) range in a row above R-bar then add 16384
If 7 (run len) range in a row below R-bar then add 32768
If 7 (run len) X-bar in a row increasing then add 65536
If 7 (run len) X-bar in a row decreasing then add 131072
If 7 (run len) range in a row increasing then add 262144
If 7 (run len) range in a row decreasing then add 524288
If 2 of 3 above 2SD then add 1048576
If 2 of 3 below 2SD then add 2097152
If 4 of 5 above 1SD then add 4194304
If 4 of 5 below 1SD then add 8388608
If CuSum failure above then add 16777216
If CuSum failure below then add 33554432