

March 12, 1982

Re: Status of QAIS Development Items

Attached for your review is the latest issue of the Quality Assurance Information System (QAIS) development item list. Item status and comments reflect recent discussions held between BTL and WECO QAIS development groups. Note that all items designated as CM (completed) or DP (dropped) in the last issue dated Period 8107 have been deleted from the current listing.

Please direct all comments to myself or John Conte (cornet 363-2495).

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Department Chief - Quality  
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JAC

Letter to:  
All QA department Chiefs

Copy to:

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Period Issued 8202

OUTSTANDING MAINTENANCE AND DEVELOPMENT ITEMS  
FOR THE QUALITY ASSURANCE INFORMATION SYSTEM

NO	PTY	INTR	ST	COMP	RES	DESCRIPTION OF ITEM / STATUS NOTES
03	M-1	8103	UD	8204	JNT	- Revise the Introduction section to the Master Reference List to reflect the revised format of the appendicies. JAC will provide first draft for QAC/QAD review.
06	D-3	8103	UD	8204	BTL	- Develop a method for specifying in the MRL the form type used in reporting audit data.
13	D-1	8101	UD	8203	JNT	- Develop the QMPRATES command to allow the computation of sampling class QMP rates. KAV will provide a SAMPQMP file for the historical data required and SMS will write the on-line command.
16	D-2	8008	UD	8204	JNT	- Develop a method for entering data for audit summaries that are presently phoned into BTL/QAC.
17	D-3	8103	UI	8206	JNT	- Extend the data entry system to allow the entry of raw audit data from the Burlington Shops. A question exists as to the appropriateness of collecting government audit data by BTL/QAC.
19	D-3	8103	UI		JNT	- Revise the data reporting forms and the historical database structure for the Bell Sales Regional Installation and Performance audits. A meeting is needed with QAC/QAD/QAECC to discuss a development plan and define specific development items. BTL is in process of updating data entry system and the storage of the historical audit data. BTL/QAC and WE/QA need to process MRL change sheets to define the quality standards and sampling parameters for all installed product audits.
20	D-4	8006	UD	8208	BTL	- Replace the READY level with the ENTER COMMAND level in the data entry system for manufacturing and service center audits.
21	M-3	8103	UD	8206	WE	- Provide documentation of Audit Data Entry and Retrieval System.

- 29 M-1 8101 UD 8204 WE - Update the charting class titles to conform with Trademark and Service Mark guidelines. BTL has placed trademark cover sheet in front of TelCo reports, but work is still needed to assure correct title usage.
- 30 M-3 8102 CM 8108 BTL - Correct erroneous labels of defects and demerits in the QA667 Reports.
- 31 D-2 8101 UI 8206 JNT - Provide special rating notations in both the QMPRATES command and QMPFILE of historical data including uninformative, equipment unavailable for audit, initialization of history, design defect rates, and etc. The rules for such notations remain to be clarified.
- 32 D-1 8103 UI WE - Restructure the QA667 Reports to reflect the division of Network and Business & Residence lines.
- 34 D-3 8105 UI 8205 JNT - Provide additional data checks in the PROCESS command to address the concerns noted in Clemens 6/18/81 and Audy 2/16/81 letters; JAC to provide KAV additional details.
- 35 D-3 8105 UD 8205 BTL - Provide sampling class summaries in the installation data entry system STQAC files so sampling class QMP rates can be computed and a TOTALS command can be introduced.
- 38 D-2 8107 CM 8201 WE - Modify the MODBOX command to allow the calculation of QMP rates for more than one period of revised data. The revised command is now known as MODHIST.
- 40 M-3 8106 UI JNT - Eliminate the charting in the QA667 reports of the F1 or F2 chart when they are a duplicate of the FF chart. Investigate the inconsistency of class titles used to produce the BTL Customer Products Report and the QA667.3 Report. Investigate the possibility of producing a joint report.
- 42 D-3 8107 UI JNT - Allow the entry of defect descriptions per W. Comella request. A questions exist as to if this request applies to all defect descriptions or

just major defect or just software audit defect descriptions.

- 43 D-1 8108 UD 8204 WE - Development of a sample determination and manload system on TSO.
- 44 D-1 8108 UD 8204 WE - Development of a sample selection system on TSO.
- 45 D-2 8108 UD 8202 WE - Develop a charting program on TSO to provide printed QMP box plots.
- 46 D-1 8106 UD 8203 BTL - Provide a trial data entry system for the new wired equipment attributes rating plan.
- 47 D-1 8106 UD 8204 BTL - Incorporate the trial data entry system for exchange area cable into the existing data entry system.
- 48 D-1 8202 UD 8205 BTL - Modify the QMP rate calculation subroutine and charting routines to implement the rules for restructured and reinitialized rating classes. The rules for such need to be finalized.
- 49 D-1 8202 UD 8204 BTL - Generalize the QMPCALC routine so it works for all product types including exchange area cable variables data.
- 50 D-3 8202 UD 8208 BTL - Develop a verification program for detecting discrepancies between the Master Reference List and the QMPPFILE and STQAC files. Verification should include titles, class structure, charting status and quality standards.
- 51 M-3 8202 UD 8202 BTL - Correct the erroneous values of MINDEX stored in the AUD81 and AUD82 files.
- 52 M-3 8202 UI 8204 BTL - Identify effective dates for the p-values in the Service Center Matrix possibly by making the matrix a part of the MRL.
- 53 D-2 8202 UD 8204 BTL - Provide a Master Reference List dataset that is identifiable by period and is available one week prior to the start of the effective audit period and remains available at least two weeks after the effective period. Such action is needed to complete the sample determination and sample selection

systems proposed by WE/QA (see items 43 & 44).

- 54 M-2 8202 UD 8203 BTL - Modify the qualifiers for the Northeast and Mountain-Northwest Region service center data entry userids to allow the entry and retrieval of audit data using either the A or B sub-accounts.
- 55 M-3 8202 UI 8204 JNT - Investigate data requirements for reporting output, sample, slipped and waived percentages and sample realization computations for installed products audits.
- 56 D-1 8202 UD 8205 WE - Extend the SAMPREL command to the installed products data entry system. This item requires the completion of item 35 by BTL.
- 57 D-1 8202 UD 8202 WE - Allow the execution of the SAMPREL command on the data entry userids. JAC to provide clist to KAV.
- 58 M-1 8202 UD 8202 BTL - Delete the USPCAT command from the data entry system. The command will then only reside on the data retrieval system.
- 59 D-2 8104 UD 8204 WE - Develop a policy on the lease and purchase of data terminal equipment by the various WEQA locations.
- 60 D-4 8202 UI 8208 JNT - Investigate the development of a BTL/WE common retrieval system for Quality Assurance data.
- 61 D-2 8202 UI 8208 JNT - Propose a joint BTL/QAC and WE/QA three year development plan for Quality Assurance Information Systems.
- 62 M-2 8202 UD 8203 WE - Revise the QMPRATES command to provide two decimal printing of EXP and VAR in the history option for defects per unit audit classes.
- 63 NW - Document in the Master Reference List the existance of all published rates including National, Finance, and Systems Equipment Engineering.
- 64 NW - Restore the USPDODGE command to the data retrieval system.

- 65 NW - Refine the procedure for sending letters to the BTL product specialists using ADS.
- 66 NW - Provide a DIFSTQAC command for the installed products data entry system.

STATUS PARAMETERS

- NO = item reference number
- PTY = letter indicates our evaluation as either maintenance or development proposal and number indicates our relative priority strength with 1 being the highest and 5 being the lowest
- INTR = indicates rating period in which proposal was first introduced as an item for discussion
- ST = indicates status of item as either:
- NW - new item not yet assigned
  - UI - under investigation
  - UD - under development
  - DP - dropped
  - CM - completed
- COMP = indicates rating period of promise, completion, or drop
- RES = responsibility BTL or WECO or JOINT