## CTRAP LOGIC ERROR MESSAGES

### 1.  GENERAL

1.01  The CTRAP program will have an edit program which reviews each data record entry for certain errors and required information.  Any trouble ticket entries which fail to satisfy the edit programs will appear on an error list which will be sent to the R.S.B. for review and retransmission.

1.02  Each entry on the list will consist of the record entry as originally transmitted, followed by an error code which will identify the error on that record.  The use of the error codes will facilitate identification and correction of errors.  The record should be corrected and retransmitted.

1.03  The record entry will have the following format.

/Field 1 / Field 2 / Field 3 / Field 4 / ...
Error Code

1.04  The following Error Table lists all error messages and their meaning.

CUSTOMER TROUBLE REPORT ANALYSIS PLAN

CTRAP LOGIC ERROR LIST TABLE

| Error Code | Position | Name | Description |
|---|---|---|---|
| E900 | 2nd Character | | Must be a slash. (Computer generated) |
| E901 | Between slashes 1 and 2 | Circuit Id | Must be 5-16 characters. |
| E902 | Between slashes 1 and 2 | Circuit Id | Each character must be numeric or alphabetic or a dash. |
| E903 | Between slashes 1 and 2 | Circuit Id | For types of Service 04-11 or 13, there must not be alphabetic characters to the right of the first dash. |
| E904 | Between slashes 1 and 2 | Circuit Id | For types of Service 04-11 or 13, there must be a dash in the fourth character from the left. |
| E905 | Between slashes 1 and 2 | Circuit Id | If the Category of the record is 3, the prefix of the Circuit Id <u>must not</u> be on the Master C.O. file. |
| E906 | Between slashes 1 and 2 | Circuit Id | If the Type of Service of the record is 04-11 or 13, and the Category of the record is 1,2, or 4, the prefix of the Circuit Id <u>must</u> be on the Master C.O. file. |
| E907 | Between slashes 1 and 2 | Circuit Id | For types of service 04-11 or 13, must be in format NNN-NNN-NNNN or NNN-NNNN, where N is a numeric character. |
| E909 | Between slashes 2 and 3 | Auxiliary Line | If present on record, must not exceed 12 characters. |
| E910 | Between slashes 2 and 3 | Auxiliary Line | Each character must be numeric, alphabetic, or a dash. |
| E913 | Between slashes 3 and 4 | Receive Date | Must be 4 characters. (Saber Mini-Computer converts month into 2 characters). |
| E914 | Between slashes 3 and 4 | Receive Date | Must be numeric. |
| E915 | Between slashes 3 and 4 | Receive Month | Must be in range 01-12. (Saber Mini-Computer converts month into 2 digits.) |
| E916 | Between slashes 3 and 4 | Receive Day | Must be in range 01-31. |
| E918 | Between slashes 4 and 5 | Called Number | If present on record, must be 8-12 characters. |
| E919 | Between slashes 4 and 5 | Called Number | Each character must be numeric, if applicable. |
| E922 | Between slashes 5 and 6 | Receive Time | Must be 4 characters. |
| E923 | Between slashes 5 and 6 | Receive Time | Must be numeric. |
| E924 | Between slashes 5 and 6 | Receive Hour | Must be in range 00-24. |
| E925 | Between slashes 5 and 6 | Receive Minute | Must be in range 00-59. |

| Error Code | Position | Name | Description |
|---|---|---|---|
| E927 | Between slashes 6 and 7 | Originating Equipment | If present on record must be 7-1Ø characters. |
| E928 | Between slashes 6 and 7 | Originating Equipment | Each character must be numeric, alphabetic, or a dash. |
| E929 | Between slashes 6 and 7 | Originating Equipment | Must be in the correct format for the type of central office associated with that Circuit ld prefix (see Note 3). |
| E931 | Between slashes 7 and 8 | Category | Must be one character. |
| E932 | Between slashes 7 and 8 | Category | Must be in range 1-6. (NOTE: Category 7 converted into Category 4 for program) |
| E934 | Between slashes 8 and 9 | Miscellaneous | If present on record, must not exceed 14 characters. |
| E935 | Between slashes 8 and 9 | Miscellaneous | Entries must be in ascending order. |
| E936 | Between slashes 8 and 9 | Miscellaneous | Entries must be in range Ø-1Ø. (11 is illegal). |
| E938 | Between slashes 9 and 1Ø | CPE, Type of Service, and Subservice | Must be 3-4 characters. |
| E939 | Between slashes 9 and 1Ø | CPE | Must be 3 or 7. |
| E94Ø | Between slashes 9 and 1Ø | Type of Service | Must be in range Ø2-18. |
| E941 | Between slashes 9 and 1Ø | Subservice | If present on record, must be numeric or alphabetic. |
| E943 | Between slashes 1Ø and 11 | Type and Sub-type | Must be 1-2 characters. |
| E944 | Between slashes 1Ø and 11. | Type | Must be in range 1-8. |
| E945 | Between slashes 1Ø and 11 | Subtype | If present on record, must be numeric or alphabetic. |
| E947 | Between slashes 11 and 12 | Days and Times | Must be 18 characters. |
| E948 | Between slashes 11 and 12 | Test Day and Time | Must be numeric, if applicable. |
| E949 | Between slashes 11 and 12 | Test Day | If numeric, must be in range Ø1-31. |
| E95Ø | Between slashes 11 and 12 | Test Hour | If numeric, must be in range ØØ-24. |
| E951 | Between slashes 11 and 12 | Test Minute | If numeric, must be in range ØØ-59. |
| E953 | Between slashes 11 and 12 | Dispatch Day and Time | Must be numeric, if applicable. |
| E954 | Between slashes 11 and 12 | Dispatch Day | If numeric, must be in range Ø1-31. |

| Error Code | Position | Name | Description |
|---|---|---|---|
| E955 | Between slashes 11 and 12 | Dispatch Hour | If numeric, must be in range ØØ-24. |
| E956 | Between slashes 11 and 12 | Dispatch Minute | If numeric, must be in range ØØ-59. |
| E958 | Between slashes 11 and 12 | Restore Day and Time | Must be numeric. |
| R959 | Between slashes 11 and 12 | Restore Day | Must be in range Ø1-31. |
| E96Ø | Between slashes 11 and 12 | Restore Hour | Must be in range ØØ-24. |
| E961 | Between slashes 11 and 12 | Restore Minute | Must be in range ØØ-59. |
| E963 | | | The Receive Date and Time combination must be less than the Restore Date and Time combination. |
| E964 | | | The Test Date and Time combination (if not dashes) must be greater than the Receive Date and Time combination. |
| E965 | | | The Test Date and Time combination (if not dashes) must be less than the Restore Date and Time combination (but, the two may be equal when Disposition = Ø7). |
| E966 | | | The Dispatch Date and Time combination (if not dashes) must be greater than the Receive Date and Time combination. |
| E967 | | | The Dispatch Date and Time combination (if not dashes) must be less than the Restore Date and Time combination. |
| E969 | Between slashes 12 and 13 | Disposition and Sub-disposition | Must be 2 or 3 characters. |
| E97Ø | Between slashes 12 and 13 | Disposition | Must be in range Ø1-13. |
| E971 | Between slashes 12 and 13 | Subdisposition | Must be numeric or alphabetic. |
| E973 | After slash 13 | Cause Subcause | Must be 1 or 3 characters. |
| E974 | After slash 13 | Cause | Must be in range 1-6. |
| E975 | After slash 13 | Subcause | Each character must be numeric or alphabetic. |
| E977 | | Special Study 1 | If present on record, must be one numeric character. |
| E978 | | Special Study 2 | If present on record, must be three numeric characters. |
| E979 | | Special Study 3 | If present on record, must be two numeric characters. |

| Error Code | Position | Name | Description |
|---|---|---|---|
| E99Ø | | | No record may have more than 16 slashes, or less than 7 slashes. (Computer generated) |
| E991 | | | A record whose category is 1,2, 4, or 5 must have at least 13 slashes. (Computer generated) |
| E992 | | | A record whose category is 3 or 6 must have at least 7 slashes. (Computer generated) |

NOTE: (1) A record whose Category is 3 will not be edited beyond the Category field.

(2) A record whose Category is 6, if it has more than 7 slashes, will be edited beyond Category only to the extent that the data which is present is valid. In other words, fields beyond Category do not have to be there, but if they are, they will be edited.

(3) Acceptable Originating Equipment Formats are as follows:

| Entity Code Range | *Acceptable Originating Equipment Formats |
|---|---|
| ØØ1-199 (S x S and C.D.O.) | NNN-NNN |
| 2ØØ-249 (#1 Crossbar) | NA-NN-NN |
| | NA-NNN-NN |
| | NNA-NNN-NN |
| 25Ø-299 (#5 Crossbar) | NN-NN-NN |
| | NNN-NN-NN |
| 3ØØ-399 (#1 & 2 E.S.S.) | NN-NNN-NNN |
| | NN-NNNN |

*N = Must be numeric

A = Must be alphabetic

— = Must be dash