NANC 136

**Download File Carriage Return Clarification**

**Origination Date :**08/10/1997

**Originator:**Bellcore

**Description:**

The following clarifications should be made to the download file explanation in the FRS 1.4 and 2.2:

The sample NPA-NXX and LRN files should have a carriage return (CR) after each record.

* The last record in each file should not be treated differently from any other record.  It should be followed with a (CR).

The CR value is ASCII 13.

**Final Resolution:**

FRS would be updated in the next release.

Tekelec raised the use of CR as an issue.  It has been proposed that the new line character (ASCII 0A) be used since it is recognized by Unix and C standard procedures.  The group closed this item due to the fact that when the file is FTP-ed, not in binary mode, the CR would be converted to new line.

**Related Release:**

1.5

**Status:** Implemented