

APPLICATION

REVISIONS

NEXT ASSY

USED ON

LTR

DESCRIPTION

DATE

7506

REV STATUS OF SHEETS

REV

SHEET

RELEASE INFORMATION, DX10 COBOL, RELEASE 3.5.0-990

TEXAS INSTRUMENTS  
INCORPORATED  
DATA SYSTEMS GROUP

drawing number

2276525-9901

REV. \*B | SHEET 1 OF 3

## SECTION 1

## Known Problems

The DX10 3.5.0 COBOL compiler and runtime are being released in order to correct known errors at the source. While over a hundred System Trouble Reports (STRs) were addressed and corrected, some remain unfixed. The following list includes all remaining COBOL STRs.

## 1.1 Compiler

- STR007990 - A DATA-NAME-0 with 49 characters in a SELECT clause is not flagged as an error.
- STR008237 - If in a MOVE statement with more than one receiving field, one of the fields is numeric, a maximum of 18 characters will be moved to any of the receiving fields.
- STR009288 - A DISPLAY statement with a POS = 0+1 will write bad data to the screen.
- STR009712 - No diagnostic error is generated for numeric literals with more than 18 digits.
- STR010333 - An extraneous error is produced if a source program has a large number of errors.
- STR013510 - The reserve word FILLER is not flagged as an error in a 77 item.
- STR013810 - The compiler aborts with a PROGRAM OVERFLOW message after a source statement in which a counter value is moved to an edited field.
- STR013938 - Using a HEX literal longer than 16 digits produces a COBOL ABNORMAL TERMINATION and a MEMORY REQUIRED EXCEEDS SYSTEM CAPACITY messages.
- STR014857 - Elementary items do not inherit the SIGN IS LEADING SEPARATE attribute from their GROUP level.

## 1.2 Runtime

- STR007192 - A "MOVE HIGH VALUES" statement stores an invalid numeric value.
- STR010026 - An error occurs if, on an OPEN, an incorrect REL REC file Logical Record Length or an invalid KIF key is specified. The file will not be opened and the LUNO will remain attached.
- STR010990 - Incorrect results are produced when two COMP-4 fields are multiplied.
- STR014414 - The program MESSAGE FILE parameter is lost if it bids another program using C\$CBID.
- STR015359 - A STOP RUN statement in a segment generates a termination message regardless of the value of the last parameter in the .BID.
- STR015506 - The scaling form factor fails if an edited numeric field with P codes is moved to a COMP-4 field and then to a display field.
- STR017206 - A program opens a REL REC file, reads it to EOF, and writes a new LAST RECORD. While the first program is writing the new last record, a second program opens the same file. The second program then reads the file to EOF, and then attempts to write a new LAST RECORD beyond the LAST RECORD written by the first program. The second program will hang until the first program terminates.
- STR017342 - If a STOP RUN is executed in a called program, the termination message is always written.