

**Release Notes
ATLAS Compiler
Version 03.23.43 (20071214)
14 December 2007**

1 Overview

The following describes an overview of changes included within version 20071214 (3.23.43) of the following ATLAS compiler(s)

IFTE / AMRDEC

and version 20071214 (3.23.43) of the following ATLAS support tools.

Signal Flow Analyzer

1.1 Enhancements

None

1.2 Problem Reports

06-084, 06-085, 06-086, 06-087, 06-088, 06-089, 06-091 and 06-092

2.0 Detailed Description

2.2 Problem Reports

2.2.1 06-084 – Special characters in string constants

The IFTE/AMRDEC compiler now accepts '\$' in string constants.

2.2.2 06-085 – STORE into LIST argument in PROCEDURE

The IFTE/AMRDEC compiler now handles the situation of a STORE being passed into a LIST parameter of a PROCEDURE.

2.2.3 06-086 – RESET handling.

The IFTE/AMRDEC compiler now generates the FPS AIL code for RESET except for GRAPHICS and SERIAL.

2.2.4 06-087 – I-O ATG files.

The messages were generated by another issue. The I-O ATG files are processed correctly.

2.2.5 06-088 – Variables and Syntaxes.

These issues are being handled now by the IFTE/AMRDEC compiler.

2.2.6 06-089 – Naming Convention.

This was being generated by using “REF” as part of the pin name. The IFTE/AMRDEC compiler now accepts “REF” as part of the pin name. Names such as “REFL” and “REFH” are now accepted. However, “REF” by itself will not be accepted as a pin name due to the way the compiler processes the “REF” port.

2.2.7 06-090 and 06-091 – Digital issues.

The IFTE/AMRDEC compiler has been modified to handle the digital issues indicated in the problem reports. Some issues required changes to the Signal Flow Analyzer.

2.2.8 06-092 – INPUT, NO-ECHO.

The IFTE/AMRDEC compiler now generates a SET AIL code for NO-ECHO and the INPUT is handled correctly.