

**Release Notes
ATLAS Compiler
Version 03.23.05 (20050831)
31 August 2005**

1 Overview

The following describes an overview of changes included within version 20050831 (3.23.5) of the following ATLAS compiler(s)

None

and version 20050831 (3.23.5) of the following ATLAS support tools:

Signal Resource Allocator
Switch / Ita Compiler

1.1 Enhancements

None

1.2 Problem Reports

05-999

2.0 Detailed Description

2.1 Enhancements

None

2.2 Problem Reports

2.2.1 05-999 Ita ROUTE Command

The ROUTE COmmand has the following syntax:

```
<RouteStatement> :: ROUTE [ <RouteName> ]  
    FROM <EndPoint> [ / ]  
    { TO <Point> [ / ] [ <ViaClause> ] }...  
    TO <EndPoint>      [ / ] [ <ViaClause> ] <Sd>
```

An <EndPoint> is either an instrument port or a UUT pin. A <Point> may be an instrument port, a UUT pin, an interface Plug / Pin or an internal Wire. The lexical structure for an internal Wire is the keyword **Wire** optionally followed by a - followed by a decimal nteger, e.g. Wire-100. In general decimal integers may be represented by named constants.

Example:

```
constant A1 is 100;
```

```
...
```

```
... Wire-A1...
```

Previous versions of the Switch / Ita compiler allowed those Wire references that used named constants in all contexts **except** in a ROUTE statement.

This release of the Switch / Ita compiler allows Wire references that use named constants in all contexts **including** within a ROUTE statement.