**Syntax**

```xml
<MST Extension> ::= 
  <MST component conformance statement> 
  <MST ATAP identification statement> 
  <MST TBIC base statement> 
  <MST TBIC additional partition count statement> 
  <MST TBIC additional partition list statement> 
  <MST ABM list statement>
```

```xml
<MST component conformance statement> ::= 
  attribute MST_Component_Conformance of <component name> : entity is <MST conformance string>;
```

```xml
<MST conformance string> ::= "<MST conformance identification> "
```

```xml
<MST conformance identification> ::= STD_1149_4_1999
```

```xml
<MST ATAP identification statement> ::= 
  attribute MST_ATAP_AT1 of <component name> : entity is <port ID string>; 
  attribute MST_ATAP_AT2 of <component name> : entity is <port ID string>; 
  attribute MST_ATAP_AT1N of <component name> : entity is <port ID string>; 
  attribute MST_ATAP_AT2N of <component name> : entity is <port ID string>;
```

```xml
<port ID string> ::= "<port ID> "
```
<MST TBIC base statement> ::= attribute MST_TBIC_Base of <component name> : entity is
<MST TBIC base string>

<MST TBIC base string> ::= "<MST TBIC base description>"

<MST TBIC base description> ::=<MST TBIC base Ca cell number>,
     <MST TBIC base Co cell number>,
     <MST TBIC base D1 cell number>,
     <MST TBIC base D2 cell number>,
     <MST TBIC base Ca cell number>,
     <MST TBIC base Co cell number>
     [<MST TBICN base Ca cell number>,
     <MST TBICN base Co cell number>,
     [<MST TBICN base D1 cell number>,
     <MST TBICN base D2 cell number>,]"

<MST TBICN base Ca cell number> ::= <integer>
<MST TBICN base Co cell number> ::= <integer>
<MST TBICN base D1 cell number> ::= <integer>
<MST TBICN base D2 cell number> ::= <integer>

<MST TBIC additional partition count statement> ::= attribute MST_TBIC_Add_Partition_Count of <component name> : entity is
<MST TBIC additional partition count string>

<MST TBIC additional partition count string> ::= "<MST TBIC additional partition count>"

<MST TBIC additional partition count> ::= <integer>

<MST TBIC additional partition list statement> ::= attribute MST_TBIC_Add_Partition_List of <component name> : entity is
<MST TBIC additional partition list string>

<MST TBIC additional partition list string> ::= "<MST TBIC additional partition list>

<MST TBIC additional partition list> ::= <MST TBIC additional partition entry>
     [, <MST TBIC additional partition entry>]
<MST TBIC additional partition entry> ::= 
   <MST TBIC additional partition number> 
   ( <MST TBIC additional partition cells> )

<MST TBIC additional partition number> ::= <integer>
<MST TBIC additional partition cells> ::= 
   <MST TBIC additional partition D1 cell number>, 
   <MST TBIC additional partition D2 cell number> 
   {, <MST TBICN additional partition D1 cell number>, 
   <MST TBICN additional partition D2 cell number> }

<MST TBIC additional partition D1 cell number> ::= <integer>
<MST TBIC additional partition D2 cell number> ::= <integer>
<MST TBICN additional partition D1 cell number> ::= <integer>
<MST TBICN additional partition D2 cell number> ::= <integer>
<MST ABM list statement> ::= 
  attribute MST_ABM_List of <component name> : entity is 
  <MST ABM list string>;

<MST ABM list string> ::= " <MST ABM list> "

<MST ABM list> ::= <MST ABM entry> {, <MST ABM entry> }

<MST ABM entry> ::= <port ID> ( <MST ABM description> )

<MST ABM description> ::= 
  <MST TBIC partition number>,
  <MST ABM C cell number>,
  <MST ABM D cell number>,
  <MST ABM C cell number>,
  <MST ABM B1 cell number>,
  <MST ABM B2 cell number>

<MST TBIC partition number> ::= <integer>
<MST ABM C cell number> ::= <integer>
<MST ABM D cell number> ::= <integer>
<MST ABM C cell number> ::= <integer>
<MST ABM B1 cell number> ::= <integer>
<MST ABM B2 cell number> ::= <integer>