

Subject: Updating complex parts
From: Van Snyder

1 **1 Number**

2 TBD

3 **2 Title**

4 Updating complex parts

5 **3 Submitted By**

6 J3

7 **4 Status**

8 For consideration.

9 **5 Basic Functionality**

10 Provide a syntax that allows to update the real and imaginary parts of a complex variable without
11 updating the whole thing.

12 **6 Rationale**

13 It's not unusual to need to do this.

14 **7 Estimated Impact**

15 Very minor. Estimated at meeting 169 to be 4 on the JKR scale.

16 **8 Detailed Specification**

17 Specify that the real and imaginary parts of a complex variable can be accessed by using component-like
18 syntax, with "component" names REAL and AIMAG.

19 **9 History**

03-258r1, section 2.2.5 m166
04-255 m167