

Subject: Unresolved issue 364
 From: Van Snyder

1 Introduction

J3 internal note

Unresolved issue 364
 Paper 02-129r2 emasculated this subclause (7.3), and reasonably so. We should probably finish the job. What remains is one short sentence of meat (the first one). The second sentence is all but identical to one in 7.2 (on intrinsic operations). The third also applies equally well to intrinsic and defined operations. One sentence doesn't seem enough for a top-level subclause in a clause about 36 pages long. None of the other top-level subclauses here are down to distinguishing between intrinsic and derived operations. I suggest we merge this material into 7.2. The two sentences that apply to all operations can be stated once in a way that applies to all. The one sentence of meat can either remain a sentence or can be a one-sentence subclause one level lower (7.2.5, presumably). Minor editing to 7.2.0 would be needed.

2 Edits

Edits refer to 02-007r1. Page and line numbers are displayed in the margin. Absent other instructions, a page and line number or line number range implies all of the indicated text is to be replaced by associated text, while a page and line number followed by + (-) indicates that associated text is to be inserted after (before) the indicated line. Remarks are noted in the margin, or appear between [and] in the text.

- 8 [Editor: Delete “intrinsic”.] 135:9

- 9 The interpretation of a defined operation is provided by the function that defines the operation. 135:14-17
- 10 The type, type parameters and interpretation of an expression that consists of an intrinsic or
- 11 defined operation are independent of the type and type parameters of the context or any larger
- 12 expression in which it appears.

- 13 [Editor: Add the following as a new paragraph at the end of Note 7.25.] 135:17+4+
- 14 The independence of type, type parameters and interpretation also applies in the case of an
- 15 expression that consists only of the subject operation, and that is, for example, an actual
- 16 argument associated with a dummy argument of a procedure that has explicit interface.

- 17 The operators <, <=, >, >=, ==, and /= always have the same interpretations as the operators 135:16-
- 18 .LT., .LE., .GT., .GE., .EQ., and .NE., respectively.

- 19 [Editor: Delete “The ... respectively.”] 137:3-5

- 20 [Editor: Delete subclause 7.3.] 138:10-15

- 21 [Editor: Delete unresolved issue note 364.] 139:0+