Subject: Comments on Clause 16
From: Van Snyder

1   Edits

2 Edits refer to 07-007r1. Page and line numbers are displayed in the margin. Absent other instructions, a
3 page and line number or line number range implies all of the indicated text is to be replaced by associated
4 text, while a page and line number followed by + (-) indicates that associated text is to be inserted after
5 (before) the indicated line. Remarks are noted in the margin, or appear between [and] in the text.

6 [The first three paragraphs of 16.3.4 appear to prevent using component names, type parameter names or   477:24-478:6
7 binding names for anything other than those three purposes. They could even be construed to prohibit
8 using them for the same purpose in a different type. Editor: Replace them by the following:]

9 A component name (4.5.4) has the scope of its derived-type definition. Outside the derived-type def-
10 inition, where that name appears as a *part-name* in a *data-ref* in which the previous *part-name* is an
11 object of that derived type, or as a component keyword in a structure constructor for that derived type,
12 it identifies that component; otherwise, it identifies a different entity.

13 A type parameter (4.5.3) name has the scope of its derived-type definition. Outside the derived-type
14 definition, where that name appears as a type parameter keyword in a *derived-type-spec* for that type or
15 as the *type-parameter-name* of a *type-param-inquiry* for an object of that derived type, it identifies that
16 type parameter; otherwise, it identifies a different entity.

17 A binding name (4.5.5) of a type-bound procedure has the scope of its derived-type definition. Outside
18 the derived-type definition, where that name appears as the *binding-name* in a *procedure-designator* in
19 which the *data-ref* is an object of that derived type, it identifies that binding; otherwise, it identifies a
20 different entity.