



**INTERNATIONAL STANDARD ISO/IEC 1539-1:2018**  
**TECHNICAL CORRIGENDUM 2**

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**Information technology — Programming languages — Fortran —**  
**Part 1: Base language**

TECHNICAL CORRIGENDUM 2

*Technologies de l'information — Langages de programmation — Fortran — Partie 1: Langage de base*

*RECTIFICATIF TECHNIQUE 2*

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# Information technology — Programming languages — Fortran — Part 1: Base language

## TECHNICAL CORRIGENDUM 2

### *Introduction*

In the second paragraph, in the tenth sentence of bullet point “Intrinsic procedures and modules”, after “C\_F\_POINTER” add “and C\_F\_PROCPONTER”.

In the second paragraph, in the last sentence of bullet point “Program units and procedures”, after “dummy argument” add “, or a coarray ultimate component of a dummy argument,”.

### *5.4.7*

Append a new sentence to the second paragraph:

“If a coarray is an unsaved local variable of a recursive procedure, its corresponding coarrays are the ones at the same depth of recursion of that procedure on each image.”

### *9.7.1.2*

Delete the last sentence in the third paragraph, that is “If the coarray ... on those images.”, and insert the following three sentences:

“If the coarray is a dummy argument, the ultimate arguments (15.5.2.3) on those images shall be corresponding coarrays. If the coarray is an ultimate component of a dummy argument, the ultimate arguments on those images shall be declared with the same name in the same scoping unit. If the coarray is an unsaved local variable of a recursive procedure, the execution of the ALLOCATE statement shall be at the same depth of recursion of that procedure on every active image in the current team.”

### *10.1.11*

At the end of the sixth paragraph, add the sentence:

“If a specification inquiry depends on the type of an object of derived type, that type shall be previously defined.”

### *11.1.7.2*

In the first sentence of constraint C1128, after “of finalizable type,” insert “shall not have an allocatable ultimate component,”

### *12.6.2.1*

After constraint C1213 insert a new constraint:

“C1213a A SIZE= specifier shall not appear in a list-directed or namelist input statement.”

### *13.7.2.3.3*

In table 13.1:

- change row 1, column 1 from “Ew.d” to “Ew.d with  $w > 0$ ”;
- change row 3, column 1 from “Ew.d E0” to “Ew.d E0 or E0.d”;