

Template for comments and secretariat observations

Date: 2012-08-08

Document: ISO/IEC DTS 29113

1	2	(3)	4	5	(6)	(7)
MB ¹	Clause No./ Subclause No./ Annex (e.g. 3.1)	Paragraph/ Figure/Table/ Note (e.g. Table 1)	Type of com- ment ²	Comment (justification for change) by the MB	Proposed change by the MB	Secretariat observations on each comment submitted
DE	5.2	para 3 / after C535b	te	For an assumed-rank INTENT(OUT) dummy variable argument associated with an assumed size actual argument (possibly across more than one invocation level), the number of array elements to perform finalization or deallocation of allocatable type components on is not available. Note that in BIND(C) interfaces the above situation cannot occur due to C1255b and C407a, but an assumed-rank entity may appear in an interface that is not interoperable.	Either, add the constraint “C535c An assumed-rank entity that has the INTENT(OUT) attribute shall have the ALLOCATABLE or POINTER attribute.” Alternatively, add the restriction “For a non-allocatable non-pointer assumed-rank object that has the INTENT(OUT) attribute, the SIZE intrinsic (6.4.2) shall return a non-negative value.” The second solution is less restrictive and therefore preferred.	
DE	8.5	para 3	te	For an entity of type CFI_cdesc_t that corresponds to a non-contiguous Fortran object, accessing parts of the object that would not be accessible in Fortran must be explicitly disallowed, because the base_addr member is exposed.	Add a para 4: “If a formal parameter of type CFI_cdesc_t corresponds to a dummy argument in an interoperable procedure interface, indirection on a pointer calculated from its base_addr member is allowed if and only if the value of that pointer can be obtained by applying the function CFI_address (8.3.5.2) to the object or a subobject of it.”	

1 **MB** = Member body (enter the ISO 3166 two-letter country code, e.g. CN for China; comments from the ISO/CS editing unit are identified by **)

2 **Type of comment:** **ge** = general **te** = technical **ed** = editorial

NOTE Columns 1, 2, 4, 5 are compulsory.