

Subject: Comments on clause 13
 From: Van Snyder

1 Edits

2 Edits refer to 07-007. 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	[Editor: Insert “undefined or” before “not associated”.]	341:9
7	[Editor: Insert “(A)” after “IS_CONTIGUOUS”.]	347:6
8	[It’s not clear when reading the table, until after reading it, what the bullets (●) are for. Editor: Move	351:1-2
9	[351:1-2] to [350:7+].]	
10	[Editor: Insert “or $n = 1$ ” after “absent”.]	354:21
11	[Editor: Insert “or $n = 1$ ” after “absent”.]	355:27
12	[Editor: Delete first “or”.]	362:32
13	[Editor: Delete Replace “or” by a comma.]	363:0+1
14	[Editor: “result” \Rightarrow “RESULT”.]	364:13
15	[Editor: Insert “or $n = 1$ ” after “absent”.]	371:3
16	[Editor: Insert “and kinds” after “types”.]	375:5
17	[Editor: Insert the sentence “It is recommended that the processor compute the product in double	375:25
18	precision, rather than in single precision and then converted to double precision.”]	
19	[Editor: “omitted” \Rightarrow “absent”.]	377:0+3
20	[Editor: “The” \Rightarrow “If there is such a value, the”.]	381:5
21	[Editor: “The” \Rightarrow “If there is such a value, the”.]	381:12
22	[Editor: “Note that this” \Rightarrow “This”.]	381:35
23	[Editor: “Note ... 1” \Rightarrow “This is independent of the declared lower bounds for B” (compare to [381:25]).]	381:39-40
24	[Editor: Exdent the paragraph and join to the previous line.]	382:20-22
25	[Editor: Append “, ONLY: IMAGE_TEAM”]	382:23
26	[Editor: “It ... 0,” \Rightarrow “NUMBER is allowed to be zero”.]	385+2-3
27	[Editor: Delete “(optional)”].]	388:2+1
28	[Editor: Insert a space before “IBCLR”.]	388:32
29	[Editor: “it is” \Rightarrow “the result value is”.]	392:2
30	[Editor: Delete “and”.]	393:23
31	[Editor: “will have” \Rightarrow “has”.]	394:12
32	[Editor: “of type” \Rightarrow “or”.]	396:28
33	[Editor: Insert “and only if” after “if”.]	396:33
34	[Editor: Delete “; otherwise the result is false”.]	397:1

35	[Editor: “of type” ⇒ “or”.]	397:8
36	[Editor: Insert “and only if” after “if”.]	397:13
37	[Editor: Delete “; otherwise the result is false”.]	397:14
38	[Editor: “of type” ⇒ “or”.]	397:21
39	[Editor: Insert “and only if” after “if”.]	397:26
40	[Editor: Delete “; otherwise the result is false”.]	397:27-28
41	[Editor: “of type” ⇒ “or”.]	398:6
42	[Editor: Insert “and only if” after “if”.]	398:11
43	[Editor: Delete “; otherwise the result is false”.]	398:12
44	[Editor: “Note that this” ⇒ “This”.]	403:8
45	[Editor: “has” ⇒ “is of”.]	403:38
46	[Editor: “has” ⇒ “is of”.]	406:30
47	[Editor: “Note that this” ⇒ “This”.]	406:37
48	[Editor: “Note that this” ⇒ “This”.]	406:39
49	[Editor: “has” ⇒ “is of”.]	407:28
50	[Editor: Delete “Mold ... length” because it duplicates [412:5-6].]	412:8-10
51	[Editor: “The following uses” ⇒ “Use”.]	413:3
52	[Editor: Delete final “the”.]	414:23
53	[Editor: Delete “variable”.]	416:33
54	[Editor: “8” ⇒ “16”.]	419:23
55	[Editor: Add a sentence to Note 13.20: “An unlimited entity has no declared type.”]	420:20+2+
56	[Editor: “the ... If” ⇒ “or if”.]	425:31-33
57	[Editor: Insert “of” before “SUM”.]	429:16
58	[Editor: “-” (hyphen) ⇒ “-” (\$-\$).]	429:28+2
59	[Editor: “It” ⇒ “The corresponding actual argument”.]	431:4+2
60	[Editor: “The ... data” ⇒ “Image 1 reads the data”.]	431:19
61	[Editor: Move the sentence to the end of the paragraph at [433:18 since it’s a characteristic, not a value.]	433:20
	NOTE 13.23¹₂	435:28+

The types and procedures defined in standard intrinsic modules are not themselves intrinsic.
--

62 2 Nouns and verbs

63 Most but not all intrinsic function descriptions are nouns, while most but not all intrinsic subroutine
 64 descriptions are imperative sentences in active voice. Make them consistent.

65 2.1 Summaries in 13.5

66	[Editor: “testing” ⇒ “test”.]	347:13
----	-------------------------------	--------

67	[Editor: Insert “and only if” after “if” twice.]	348:5-6
68	[Editor: “Whether” ⇒ “True if and only if” twice (compare [348:5-6]).]	349:2-3
69	[Editor: “Returns disassociated” ⇒ “Disassociated”.]	349:12
70	[Editor: “Returns” ⇒ “Generate”.]	349:17
71	[Editor: “Initializes” ⇒ “Initialize” and “restarts” ⇒ “restart”.]	349:18
72	[Editor: “Forms” ⇒ “Form”.]	349:25
73	[Editor: “Returns” ⇒ “Get”.]	349:25+1
74	[Editor: “Returns” ⇒ “Get”.]	349:26+1
75	2.2 Detailed descriptions	
76	[Editor: “Returns the character” ⇒ “Character”.]	352:16
77	[Editor: Insert “toward zero” after “Truncation”.]	354:3
78	[Editor: “Determine ... in” ⇒ “Logical conjunction of elements of”.]	354:15
79	[Editor: “Indicate whether” ⇒ “True if and only if”.]	354:33+1
80	[Editor: “Determine ... in” ⇒ “Logical inclusive disjunction of elements of”.]	355:21
81	[Editor: “Returns ... target” ⇒ “True if and only if POINTER is associated or associated with TAR-	356:24-25
82	GET”.]	
83	[Editor: “Returns the number” ⇒ “Number”.]	360:13
84	[Editor: “Convert” ⇒ “Conversion”.]	360:23
85	[Editor: “Return bits” ⇒ “Bits”.]	361:14
86	[Editor: “Tests ... value” ⇒ “True if and only if a specified bit of an integer or bits value is one.”]	361:26
87	[Editor: “Returns the least” ⇒ “Least”.]	362:3
88	[Editor: “Returns the character” ⇒ “Character”.]	362:13
89	[Editor: “Convert” ⇒ “Conversion”.]	362:29
90	[Editor: “values” ⇒ “corresponding elements of MASK” twice.]	363:11,21
91	[Editor: “Returns all the lower” ⇒ “Lower”.]	364:16
92	[Editor: “Image” ⇒ “Determine the image”.]	365:6
93	[Editor: “Maximum” ⇒ “Determine the maximum”.]	365:16
94	[Editor: “Image” ⇒ “Determine the image”.]	366:6
95	[Editor: “Minimum” ⇒ “Determine the minimum”.]	366:16
96	[Editor: “Products” ⇒ “Compute the products”.]	367:6
97	[Editor: Delete “of”.]	367:17
98	[Editor: “Returns all the upper” ⇒ “Upper”.]	368:5
99	[Editor: “Returns the number” ⇒ “Number”.]	369:15
100	[Editor: “Count the number” ⇒ “Number”.]	370:26
101	[Editor: “Returns” ⇒ “Return”.]	371:18
102	[Editor: “Perform a circular” ⇒ “Circular” and delete “perform”.]	372:2

103	[Editor: “Convert” ⇒ “Conversion”.]	374:2
104	[Editor: “Returns” ⇒ “Return”.]	373:1
105	[Editor: “Returns the number” ⇒ “Number”.]	374:9
106	[Editor: “The ... zero” ⇒ “The maximum of X–Y and zero”.]	374:19
107	[Editor: “X ... otherwise” ⇒ “The maximum of X–Y and zero”.]	374:25
108	[Editor: “Performs dot” ⇒ “Dot”.]	374:28
109	[Editor: “Performs a combined” ⇒ “Combined”.]	375:28
110	[Editor: “Performs a combined” ⇒ “Combined”.]	376:7
111	[Editor: “Perform an end-off” ⇒ “End-off” and delete “perform”.]	376:21
112	[Editor: “Returns a positive” ⇒ “Positive”.]	377:19
113	[Editor: Insert “function” after “Exponential”.]	379:13
114	[Editor: “Returns the exponent” ⇒ “Exponent”.]	379:21
115	[Editor: “Inquire whether” ⇒ “True if and only if”.]	380:8
116	[Editor: “Determine the location” ⇒ “Location”.]	380:20
117	[Editor: “Returns the greatest” ⇒ “Greatest”.]	381:42
118	[Editor: “Returns the fractional” ⇒ “Fractional”.]	383:2
119	[Editor: “Returns” ⇒ “Get”.]	383:19
120	[Editor: “Returns ... argument” ⇒ “Get an argument from the command by which the program was invoked”.]	384:1
121		
122	[Editor: “Gets” ⇒ “Get”.]	385:3
123	[Editor: “Returns the largest” ⇒ “Largest”.]	385:12
124	[Editor: “Returns the position” ⇒ “Position”.]	386:9
125	[Editor: “Performs a bitwise” ⇒ “Bitwise”.]	387:17
126	[Editor: “Clears ... to” ⇒ “Argument with specified bit replaced by”.]	388:23
127	[Editor: “Extracts a” ⇒ “Specified”.]	388:34
128	[Editor: “Sets ... to” ⇒ “Argument with specified bit replaced by”.]	389:10
129	[Editor: “Returns the position” ⇒ “Position”.]	389:21
130	[Editor: “Performs a bitwise” ⇒ “Bitwise”.]	390:3
131	[Editor: “Returns the index” ⇒ “Index”.]	390:15
132	[Editor: “Returns the starting” ⇒ “Starting”.]	391:2
133	[Editor: “Convert” ⇒ “Conversion”.]	391:24
134	[Editor: “Performs a bitwise” ⇒ “Bitwise”.]	392:5
135	[Editor: “Performs a logical” ⇒ “Logical”.]	393:16
136	[Editor: “Performs a circular” ⇒ “Circular”.]	393:29
137	[Editor: “Determine whether” ⇒ “True if and only if” thrice.].	394:7,15,22

138	[Editor: “Returns the value” ⇒ “Value”.]	394:29
139	[Editor: “Returns all lower” ⇒ “Lower”.]	395:3
140	[Editor: “Counts the number” ⇒ “Number”.]	395:23
141	[Editor: “Returns the length” ⇒ “Length”.]	395:33
142	[Editor: “Returns the length” ⇒ “Length”.]	396:13
143	[Editor: “Test whether” ⇒ “True if and only if”.]	396:24
144	[Editor: “Test whether” ⇒ “True if and only if” twice.]	397:4,17
145	[Editor: “Test whether” ⇒ “True if and only if”.]	398:3
146	[Editor: “Converts” ⇒ “Conversion”.]	399:11
147	[Editor: “Generate a left” ⇒ “Left”.]	399:28
148	[Editor: “Generate a right” ⇒ “Right”.]	400:8
149	[Editor: “Performs matrix multiplication” ⇒ “Matrix product”.]	400:18
150	[Editor: “Returns the maximum” ⇒ “Maximum”.]	401:32
151	[Editor: “Determine ... first” ⇒ “Location of an”.]	402:4
152	[Editor: “Choose ... mask” ⇒ “Value of TSOURCE or FSOURCE according to the value of MASK”.]	404:10
153	[Editor: insert “of” after “Merge”.]	404:22
154	[Editor: “Return the minimum” ⇒ “Minimum”.]	405:18
155	[Editor: “Determine ... first” ⇒ “Location of an”.]	405:27
156	[Editor: “Moves” ⇒ “Move”.]	408:22
157	[Editor: “Copies” ⇒ “Copy”.]	409:15
158	[Editor: “Returns the nearest” ⇒ “Nearest”.]	410:2
159	[Editor: “Returns a newline” ⇒ “Newline”.]	410:13
160	[Editor: “Performs a bitwise” ⇒ “Bitwise”.]	411:7
161	[Editor: “Returns ... constructor” ⇒ “Disassociated pointer of unallocated allocatable entity”.]	411:26-27
162	[Editor: “Returns the number” ⇒ “Number”.]	412:29
163	[Editor: “Pack ... one” ⇒ “Array of rank one packed”.]	413:13
164	[Editor: “Determine whether” ⇒ “True if and only if”.]	413:30
165	[Editor: “Returns the number” ⇒ “Number”.]	414:19
166	[Editor: “Return the bitwise” ⇒ “Bitwise”.]	414:30
167	[Editor: “Returns the decimal” ⇒ “Decimal”.]	415:2
168	[Editor: “Determine whether” ⇒ “True if and only if”.]	415:13
169	[Editor: “Returns the base” ⇒ “Base”.]	416:20
170	[Editor: “Returns” ⇒ “Generate”.]	416:30
171	[Editor: “Restarts or queries” ⇒ “Restart or query”.]	417:8
172	[Editor: “Returns the decimal” ⇒ “Decimal”.]	418:6

173	[Editor: “Convert” ⇒ “Conversion”.]	418:19
174	[Editor: “Concatenate” ⇒ “Concatenation”.]	419:
175	[Editor: “Returns the reciprocal” ⇒ “Reciprocal”.]	420:3
176	[Editor: “Inquires whether” ⇒ “True if and only if”.]	420:13
177	[Editor: Delete “Returns”.]	420:22
178	[Editor: “Scan a string for” ⇒ “Position in a string of”.]	421:7
179	[Editor: “Returns a value” ⇒ “Value”.]	421:30
180	[Editor: “Returns the value” ⇒ “Value”.]	422:4
181	[Editor: “Returns a value” ⇒ “A value”.]	422:33
182	[Editor: “Returns a value” ⇒ “A value”.]	423:8
183	[Editor: “Returns the model” ⇒ “Model”.]	423:36
184	[Editor: “Returns the shape” ⇒ “Shape”.]	424:9
185	[Editor: “Performs a right” ⇒ “Right”.]	424:21
186	[Editor: “Performs a left” ⇒ “Left”.]	425:2
187	[Editor: “Performs a right” ⇒ “Right”.]	425:11
188	[Editor: “Returns the extent” ⇒ “Extent”.]	426:21
189	[Editor: “Returns the absolute” ⇒ “Absolute”.]	427:3
190	[Editor: “Replicates ... greater” ⇒ “Array with rank that is one greater than SOURCE formed by	427:14-16
191	broadcasting SOURCE along a specified dimension.]	
192	[Editor: “Returns the storage” ⇒ “Storage”.]	428:11
193	[Editor: Insert “of” after “Sum”.]	428:26
194	[Editor: “Returns” ⇒ “Return”.]	429:26
195	[Editor: “Returns a list” ⇒ “Rank one array of the indices of the indices” (the result is certainly not an	430:24
196	array of images).]	
197	[Editor: “Returns the index” ⇒ “Index”.]	431:1
198	[Editor: “Returns the smallest” ⇒ “Smallest”.]	431:24
199	[Editor: “Count the number” ⇒ “Number”.]	432:3
200	[Editor: “Returns ... with” ⇒ “Data object having” and delete “interpreted”.]	432:12-13
201	[Editor: Insert “of” after “Transpose”.]	433:5
202	[Editor: “Returns the argument” ⇒ “Argument”.]	433:14
203	[Editor: “Returns all the upper” ⇒ “Upper”.]	433:23
204	[Editor: “Unpack ... into” ⇒ “Array of rank one unpacked from”.]	434:14
205	[Editor: “Verify ... position” ⇒ “Position” and “the first” ⇒ “a”.]	434:32-33
206	[Editor: “Returns a processor” ⇒ “Processor” twice.]	436:7,16

207 3 Simplify argument descriptions

208 Argument descriptions are sometimes verbose, e.g., “shall be scalar and of type integer,” and sometimes
 209 terse, e.g., “shall be a scalar integer initialization expression.” The verbose ones could be simpler.

210	[Editor: “of ... an” ⇒ “a logical”.]	354:18
211	[Editor: “scalar ... integer” ⇒ “an integer scalar”.]	354:18+1
212	[Editor: “of ... an” ⇒ “a logical array”.]	355:24
213	[Editor: “scalar ... integer” ⇒ “an integer scalar”.]	355:24+1
214	[Editor: “Y shall ... argument” ⇒ “no actual argument shall correspond to Y”]	363:0-1
215	[Editor: “and” ⇒ comma, insert “and shape” after “parameters”, delete “, and shall ... CO_ARRAY”.]	365:19+1-2
216	[Editor: “of ... an” ⇒ “a logical”.]	370:29
217	[Editor: “scalar and of type integer” ⇒ “an integer scalar”.]	370:29+1
218	[Editor: “scalar ... character” ⇒ “a default character scalar”.]	373:4+1
219	[Editor: “scalar ... character” ⇒ “a default character scalar”.]	373:5+1
220	[Editor: “scalar ... character” ⇒ “a default character scalar”.]	373:6+1
221	[Editor: “of ... one” ⇒ “a rank-one default integer array”.]	373:7+1
222	[Editor: “may ... array” ⇒ “shall be an array of any type”.]	376:28
223	[Editor: “scalar and of type integer” ⇒ “an integer scalar”.]	377:1+1
224	[Editor: “of type” ⇒ “a”, delete “and shall be”.]	379:3+1
225	[Editor: “of type” ⇒ “a”, delete “and shall be”.]	379:4+1
226	[Editor: “of type” ⇒ “a”, delete “and shall be a”.]	379:5+1
227	[Editor: “of type” ⇒ “a”, delete “and shall be a”.]	379:6+1
228	[Editor: “of type” ⇒ “a”, delete “and shall be a”.]	379:7+1
229	[Editor: “of ... array” ⇒ “an array of intrinsic type”.]	380:24
230	[Editor: “scalar ... integer” ⇒ “an integer scalar”.]	380:25+1
231	[Editor: “scalar ... logical” ⇒ “a logical scalar”.]	380:29
232	[Editor: “of ... integer” ⇒ “a rank-one integer array”.]	382:12+1
233	[Editor: “scalar ... integer” ⇒ “default integer scalar” (but see section 6 below).]	382:13+1
234	[Editor: “scalar ... integer” ⇒ “default character scalar”.]	382:14+1
235	[Editor: “scalar ... character” ⇒ “a default character scalar”.]	383:21+1
236	[Editor: “scalar ... integer” ⇒ “a default integer scalar” (but see section 6 below).]	383:22+1
237	[Editor: “scalar ... integer” ⇒ “a default integer scalar” (but see section 6 below).]	383:23+1
238	[Editor: “scalar ... integer” ⇒ “a default integer scalar” (but see section 6 below).]	384:4
239	[Editor: “scalar ... character” ⇒ “a default character scalar”.]	384:7+1
240	[Editor: “scalar ... integer” ⇒ “a default integer scalar” (but see section 6 below).]	384:8+1
241	[Editor: “scalar ... integer” ⇒ “a default integer scalar” (but see section 6 below).]	384:9+1
242	[Editor: “scalar ... character” ⇒ “a default character scalar”.]	385:5+1

243	[Editor: “scalar ... character” ⇒ “a default character scalar”.]	385:6+1
244	[Editor: “scalar ... integer” ⇒ “a default integer scalar” (but see section 6 below).]	385:7+1
245	[Editor: “scalar ... integer” ⇒ “a default integer scalar” (but see section 6 below).]	385:8+1
246	[Editor: “scalar ... logical” ⇒ “logical scalar”.]	385:9+1
247	[Editor: “a scalar ... integer” ⇒ “an integer scalar”.]	386:29+1
248	[Editor: “a scalar ... integer” ⇒ “an integer scalar”.]	388:2+1
249	[Editor: Insert “integer” before “array” and delete “and shall be of type integer”.]	390:18+1,19
250	[Editor: “a scalar ... integer” ⇒ “an integer scalar”.]	392:21+1
251	[Editor: “a scalar ... integer” ⇒ “an integer scalar”.]	395:6+1
252	[Editor: “of ... an” ⇒ “a character scalar or a character”.]	396:2+1
253	[Editor: “If ... two” ⇒ “MATRIX_A and MATRIX_B shall not both have rank one”.]	400:21+3-5
254	[Editor: Insert “an array” after first “be”, delete “It shall be an array.”]	402:8
255	[Editor: “scalar ... integer” ⇒ “an integer scalar”.]	402:8+1
256	[Editor: Insert “an array” after first “be”, delete “It shall be an array.”]	403:17
257	[Editor: “scalar ... integer” ⇒ “an integer scalar”.]	403:17+1
258	[Editor: Insert “an array” after first “be”, delete “It shall be an array.”]	405:31
259	[Editor: “scalar ... integer” ⇒ “an integer scalar”.]	405:31+1
260	[Editor: Insert “an array” after first “be”, delete “It shall be an array.”]	407:5
261	[Editor: “scalar ... integer” ⇒ “an integer scalar”.]	407:5+1
262	[Editor: “of ... array” ⇒ “a real array”.]	411:19
263	[Editor: “may ... array” ⇒ “shall be an array of any type”.]	413:16
264	[Editor: “of ... array” ⇒ “a logical array”.]	413:32+1
265	[Editor: “scalar ... integer” ⇒ “an integer scalar”.]	414:1+1
266	[Editor: Insert “of ... array” ⇒ “an array of numeric type”]	415:27
267	[Editor: “scalar ... integer” ⇒ “an integer scalar”.]	415:27+1
268	[Editor: “scalar ... character” ⇒ “a character scalar”.]	419:11
269	[Editor: “scalar ... integer” ⇒ “an integer scalar”.]	419:12
270	[Editor: “may ... array” ⇒ “shall be an array of any type”.]	419:21+1
271	[Editor: “scalar ... integer” ⇒ “an integer scalar”.]	421:32
272	[Editor: “scalar ... integer” ⇒ “an integer scalar”.]	422:36
273	[Editor: “scalar ... integer” ⇒ “an integer scalar” thrice.]	423:12-14
274	[Editor: “of ... array” ⇒ “a scalar or array of any type”.]	424:11+1
275	[Editor: “of ... array” ⇒ “an array of any type”.]	426:24+1
276	[Editor: “scalar ... integer” ⇒ “an integer scalar”.]	426:25+1
277	[Editor: “of ... array” ⇒ “a scalar or array of any type”.]	427:18+1

278	[Editor: “of ... array” ⇒ “a scalar or array of any type”.]	428:14+1
279	[Editor: “of ... array” ⇒ “an array of numeric type”.]	429:2
280	[Editor: “scalar ... integer” ⇒ “an integer scalar”.]	429:2+1
281	[Editor: “scalar ... integer” ⇒ “an integer scalar”.]	429:28+1
282	[Editor: “scalar ... real” ⇒ “an integer or real scalar”.]	429:29+1
283	[Editor: “scalar ... integer” ⇒ “an integer scalar”.]	429:30+1
284	[Editor: Delete ‘and may be’.]	431:4
285	[Editor: “scalar ... integer” ⇒ “a default integer scalar”.]	431:4+1
286	[Editor: “of type” ⇒ “a”, delete “. It may be a” and “an” giving “a real scalar or array”.]	431:27+1
287	[Editor: “of ... array“ ⇒ “a scalar or array of any type” twice.]	432:16-17
288	[Editor: “scalar ... integer” ⇒ “an integer scalar”.]	432:17+1
289	[Editor: “of type” ⇒ “a“, delete “and shall be”.]	433:16
290	[Editor: “may ... array” ⇒ “shall be an array of any type”.]	433:25+1
291	[Editor: “scalar ... integer” ⇒ “an integer scalar”.]	433:26+1
292	[Editor: “may ... one” ⇒ “shall be a rank-one array of any type”.]	434:16+1
293	[Editor: “an ... logical” ⇒ “a logical array”.]	434:18

294 4 Shapes are arrays, not lists

295 Editor: Replace the parentheses around shapes by square brackets at the following places:

354:21-22 355:27-28 371:4-5 372:8+2-372:9 381:2-3 386:34 388:7 392:25-26 400:28-31
402:16 403:21-22 406:6 407:9-10 414:4-5 415:31-32 429:6-7 433:9

296 5 Improper use of “absent”

297 In those intrinsic procedures that have two versions, usually having one with a DIM argument, the term
298 “absent” is used improperly: the DIM argument is not optional. Editor: Replace “is absent” by “does
299 not appear” at the following places:

381:1 386:33 388:6 392:25 402:14 403:21 406:4 407:9 415:31 429:6

300 6 Questions without answers (see 07-115)

301	Are collective subroutines pure?	341:15-19
302	Do we need to say it has the same shape on every image?	363:14
303	What team?	382:12+3
304	Why default integer instead of simply integer?	382:13+1
305	Why default integer instead of simply integer?	383:22+1,23+1
306	Why default integer instead of simply integer?	384:4-9+1
307	Why default integer instead of simply integer?	385:7-8+1
308	Every other intrinsic that has an optional DIM argument specifies that the corresponding actual argument	431:4+2

309 shall not be an optional dummy argument. Why does THIS_IMAGE allow an optional dummy argument
310 so long as it's not absent?

311 Does the type IMAGE_TEAM have any parameters?

437:4-6