Subject: J3 F03+ New Features 05-145r3.xls

	Α	В	С	Е	F	G	I	J	K	L	M
		Repos		Dispos	Impact		Draft	Α		ABC: J3	J3 F03+ New Features
1	Paper	itory#	Author	ition	on Std	Links	Edits	В	A+B-C	Priority	Brief Description
2	N1592	04-001	UK	0Repos	6			Α	20	A 10 03 00	Co-array Fortran for parallel programming
3	04-359	J3-008	Malcolm	04-359	3			Α	20	A 08 04 00	Rewrite attribute requirements
						& 04-164 04-					
4	04-153	J3-014	Van	04-383r1	6	237 04-247	05-107	Α			Parameterized Modules
5	04-184	J3-019	Van	04-388r1	4		04-388	Α			Math Intrinsics: complex trig
6	04-161	J3-020	Van	04-389r1	3		05-130	Α	20	A 06 05 01	Type(Intrinsic-type)
7	04-185	J3-027	Van	04-398	3		04-398	Α			Ascii in LGE etc
8	04-132	J3-043	Dan	05-149r2	5	& 04-198		Α	20	A 06 05 00	Pointers to contiguous mem
9	04-136	J3-045	Dan	05-148r1	5	& 04-196		Α			Same Assumed Shape declaration
10	04-243	J3-046	Bill	05-133r2	5			Α	20	A 06 05 01	CONCURRENT construct
11	04-189	J3-010	Van	04-379	3		04-379	В	13	B 01 12 00	Allow empty CONTAINS part
12	04-101	J3-023	Van	04-394r1	3		05-129	В	10	B 03 07 00	Size/shape of Parameter Array
13	04-152	J3-034	Alek	05-157	3			В	10	B 04 07 01	Mold on Allocate
14	04-246	J3-038	Dan	05-132r2	4			В	10	B 02 09 01	Libm: Bessel, erf, gamma, hypot
15	04-102	J3-001	Dan	04-319r2	3			В	9	B 00 09 00	Stop - exit code
16	04-179	J3-017	Van	04-386r2	4		05-125r1	В	8	B 03 07 02	Default for Optional Dummy
17	04-156	J3-024	Van	04-395r1	3	== 04-109	04-395	В	8	B 05 05 02	Exit from any labelled Construct
											Name Optional on END module & internal
		J3-025		04-396r1	3		05-131	В		B 05 05 02	
			Dan	04-344r1		cf 04-120		В		B 03 06 02	
		J3-006		04-346r2		cf 04-240		В			Finding Logical & Character Kinds
		J3-028		04-399	3		05-126	В			Public #116: Forward Allocatable
22		J3-012		04-381	5		04-381	В	6	B 01 08 03	Allocatable/Pointer in Generic Resolve
23	04-282	J3-035	RichM	05-161	3			В	6	B 02 06 02	Proposed f2k+ MTE on semicolons
24	04-131	J3-037	Dan	05-160	4			В	6	B 03 05 02	Pointers and Targets
						see 04-192					
25	04-393r1	J3-040	Van	05-103r1	4	04-357r1	05-134	В	6	B 01 07 02	Compute if actual arg is present
											Interoperability of pointers, allocatables, and
	04-371r2		BillL	05-159		half of 04-124		В			assumed-shape arrays
27	04-373	J3-042	BillL	04-373	4	half of 04-124		В	6	B 02 06 02	Interoperability of optional arguments
		J3-044		05-147r2	4			В	6	B 03 06 03	New Intents
			Dan	04-342		cf 04-104		В			STORAGE_SIZE intrinsic {cf N1539}
				04-369		cf 04-107		В			Avoid obtaining a logical unit for opening
31		J3-032		05-124r2	3			В		B 00 07 02	
32	04-165	J3-015	Van	04-384r1	4	& 04-225	05-128	В			Updating Complex parts
33	04-183	J3-026	Van	04-397	3		04-397	В	3	B 01 06 04	Atan/Atan2

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	Α	В	С	Е	F	G	ļ	J	K	L	M
											More information about
34		J3-029		04-400	3		04-400	В			GET_COMMAND[_ARGUMENT] failure
35	04-251	J3-039	CraigD	05-144r2	4			В	2	B 01 06 05	Rank > 7
36	04-244	J3-047	Bill	05-150r1	7	cf 03-278		В	2	B 02 05 05	TYPELESS object
						== 04-186					
37	04-107	J3-002	Dan	04-328	3	cf 04-369		В	1	B 01 05 05	Get logical I/O unit number
38	04-148	J3-013	Van	04-382r1	4		04-382	В	1	B 03 03 05	Internal Procedures as actual args
39	04-193	J3-031	Van	04-410r1	4		05-134	В			.ANDTHEN. & .ORELSE.
40	05-108r1	J3-048	Dan	05-108r1	4			В	1	B 01 06 06	Writing Comma Separated Value CSV files
						see 04-192					
41	04-393rx	J3-049	Van	05-104r1	4	04-357r1	05-134	В	1	B 01 06 06	Select between expressions
42	N1592	04-002	UK	0Repos	3			В			Decimal floating-point arithmetic
43	N1592	04-003	UK	0Repos	4			В	0	B 03 03 06	Conformance to IEEE 754R
44	04-158	J3-007	Van	04-348r1	4	== 04-108		В	0	B 00 06 06	Construct names Local to Construct
											Polymorphic allocatable <variable> in intrinsic</variable>
45	04-354r1			04-392	4		04-392	В			assignment
46	04-106	J3-003	Dan	04-329r3	4			С			Execute External program intrinsic
47	04-345	J3-011	Van	04-380r2	5	04-149 again	05-122	С			Coroutines (again)
48	04-178	J3-016	Van	04-385	4			С			Disassoc/dealloc actual => not Present
49	04-202	J3-018	Van	04-387r1	4	& 04-351	04-387	С	-10	C 01 04 07	Non-null Initial Targets
											Resolve generic without invoking a procedure
50		J3-021		04-391r1	4			С			or evaluating arguments
51	04-240	J3-030	RichM	04-407r1	3	cf 04-121		С	-10	C 01 04 06	Simplified Kind Selection
52	04-137	J3-033	Dan	05-123r2	3			С	-10	C 01 05 07	Compiler Version
53	04-114	J3-036	Dan	05-135r2	4	cf 04-205		С	-10	C 00 04 08	Use, Not
											Behavior of -0.0 in intrinsics - subsumed by
	04-216	no task	Walt	05-158	5			С	-10	C 00 00 13	interp F03/0049
55											
56			sorted by	ABC Ratin	g then Im	pact then Rep	os #				