Subject: J3 F03+ New Features 05-145r1.xls

	Α	В	С	D	Е	F	G	Н	I	J
		Repos		Hate Dislike	Dispos	Impact		Priority		J3 F03+ New Features
1		itory#		Like Love	ition	on Std	Links	ABC		Brief Description
		04-001			0Repos	6		07 03 02		Co-array Fortran for parallel programming
3		04-002			0Repos	3		01 01 10		Decimal floating-point arithmetic
4	N1592	04-003	UK		0Repos	4		01 02 09		Conformance to IEEE 754R
5	04-102	J3-001	Dan	00 01 09 01	04-319r2	3		02 07 03		Stop - exit code
							== 04-186			
6	04-107	J3-002	Dan	00 00 07 04	04-328	3	cf 04-369	01 07 04		Get logical I/O unit number
7	04-106	J3-003	Dan	00 02 10 00	04-329r3	4		02 06 04		Execute External program intrinsic
8	04-120	J3-004	Dan	00 01 08 03	04-342	4	cf 04-104	02 07 03		STORAGE_SIZE intrinsic {cf N1539}
9	04-104	J3-005	Dan	00 03 09 00	04-344r1	3	cf 04-120	03 08 01		C_sizeof
10	04-121	J3-006	Dan	00 03 07 01	04-346r2	3	cf 04-240	03 04 05		Finding Logical & Character Kinds
11	04-158	J3-007	Van	00 00 10 00	04-348r1	4	== 04-108	02 04 06		Construct names Local to Construct
12	04-359	J3-008	Malcolm	00 00 07 04	04-359	3		07 03 02		Rewrite attribute requirements
13	04-369	J3-009	Malcolm	00 00 11 00	04-369	5	cf 04-107	00 11 00		Avoid obtaining a logical unit for opening
14	04-189	J3-010	Van	00 00 08 03	04-379	3		01 07 04		Allow empty CONTAINS part
15	04-345	J3-011		00 05 06 00	04-380r2	5	04-149 again	01 06 05		Coroutines (again)
		J3-012		00 00 10 01	04-381	5		00 06 06		Allocatable/Pointer in Generic Resolve
	04-148	J3-013	Van	01 03 07 00	04-382r1	4		03 03 06		Internal Procedures as actual args
							& 04-164 04-			Ü
18	04-153	J3-014	Van	00 00 07 04	04-383r1	6	237 04-247	05 02 05	05-107	Parameterized Modules
		J3-015		00 00 09 01	04-384r1		& 04-225	01 04 07		Updating Complex parts
		J3-016		01 04 06 00	04-385	4		01 01 10		Disassoc/dealloc actual => not Present
21		J3-017	Van	00 01 10 00	04-386r2	4				Default for Optional Dummy
	04-202	J3-018	Van	00 00 11 00	04-387r1		& 04-351	01 08 03		Non-null Initial Targets
		J3-019	Van	00 00 11 02	04-388r1	4		00 10 02		Math Intrinsics: complex trig
		j3-020	Van	00 00 10 01	04-389r1	3		01 04 07		Type(Intrinsic-type)
		,								Resolve generic without invoking a procedure
25	04-273	J3-021	Van	00 01 13 00	04-391r1	4		00 06 06		or evaluating arguments
										Allow a polymorphic allocatable <variable> in</variable>
26	04-354r1	J3-022	Van	00 02 09 00	04-392	4		00 07 05		intrinsic assignment
		J3-023	Van	00 00 11 00	04-394r1	3		00 06 06		Size/shape of Parameter Array
		J3-024	Van	02 01 08 00	04-395r1	3	== 04-109	00 06 06		Exit from any labelled Construct
										Name Optional on END module & internal
29	04-177	J3-025	Van	00 03 07 00	04-396r1	3		00 07 05		subprog
		J3-026	Van	00 01 11 00	04-397	3		00 07 05		Atan/Atan2
	04-185	J3-027	Van	00 00 11 02	04-398	3		01 06 05		Ascii in LGE etc
		J3-028	Van	00 00 11 02	04-399	3		01 05 06		Public #116: Forward Allocatable
		-3 0=0							.5 .25	More information about
33	04-352	J3-029	Van	00 00 13 00	04-400	3		01 05 06		GET_COMMAND[_ARGUMENT] failure
		J3-030			04-407r1		cf 04-121	00 06 03		Simplified Kind Selection
	04-193	J3-031	Van	00 01 06 03	04-410r1	4	2. 32 .	04 06 02		.ANDTHEN. & .ORELSE.
		J3-032		00 01 00 00	05-124r2	3		02 02 08		Findloc
00	0 7 1 1 0	00 00Z	Dan	100 01 00 00	100 12 -1 12			02 02 00	l	I III III III III III III III III III

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	Α	В	С	D	E	F	G	Н	I	J
37	04-137	J3-033	Dan	00 00 09 02	05-123r2	3		01 06 05		Compiler Version
38	04-152	J3-034	Alek	00 00 09 01	05-157	3		01 04 07		Mold on Allocate
39	04-282	J3-035	RichM	00 00 13 02	05-161	3		03 03 06		Proposed f2k+ MTE on semicolons
40	04-114	J3-036	Dan	01 01 08 02	05-135r2	4	cf 04-205	01 03 08		Use, Not
41	04-131	J3-037	Dan	02 03 07 00	05-160	4		01 01 10		Pointers and Targets
42		J3-038		00 03 06 00	05-132r2	4		01 05 06		Libm: Bessel, erf, gamma, hypot
43	04-251	J3-039	CraigD	00 03 10 00	05-144r2	4		01 03 08		Rank > 7
							see 04-192			Another whack at embedding conditionals in
44	04-393r1	J3-040	Van	00 04 07 00	05-103r1	4	04-357r1	01 07 04		expressions {part 1}
										Interoperability of pointers, allocatables, and
45	04-371r2	J3-041	BillL	01 00 09 01	05-159	4	half of 04-124	00 07 05		assumed-shape arrays
46	04-373	J3-042	BillL	00 01 10 01	04-373	4	half of 04-124	00 08 03		Interoperability of optional arguments
47		J3-043		00 03 08 01	05-149r2	5	& 04-198	01 03 08		Sequence Pointers to contiguous mem
48		J3-044		04 02 05 01	05-147r2	4		01 02 09		New Intents
49		J3-045		00 00 11 01	05-148r1	5	& 04-196	01 07 04		Same Assumed Shape declaration
50	04-216	no task	Walt	00 04 09 00	05-158	5		00 06 06		Public #109: Behavior of -0.0 in intrinsics
51	04-243	J3-046		00 00 06 04	05-133r2	5		01 02 09		CONCURRENT construct
	04-244	J3-047		00 01 09 02	05-150r1	7	cf 03-278	04 02 06		TYPELESS object
53	05-108r1	J3-048	Dan	00 04 08 00	05-108r1	4		00 07 05		Writing Comma Separated Value CSV files
							see 04-192			Another whack at embedding conditionals in
54	04-393rx	J3-049	Van	00 04 07 00	05-104r1	4	04-357r1	01 07 04		expressions {part 2}
55										
56			same rov	vs as 05-145;	44 split into	54, add	53, edits colum	nn added		