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

| | Α | В | С | D | Е | F | G | Н | I |
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| | | Repos | | Hate Dislike | | Impact | | | J3 F03+ New Features |
| | | itory# | | Like Love | ition | on Std | Links | | Brief Description |
| 2 | N1592 | 04-001 | UK | | 0Repos | 6 | | | Co-array Fortran for parallel programming |
| 3 | N1592 | 04-002 | UK | | 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 | | Get logical I/O unit number |
| | | 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 | Van | 00 05 06 00 | 04-380r2 | 5 | 04-149 again | 01 06 05 | Coroutines (again) |
| 16 | 04-170 | J3-012 | Van | 00 00 10 01 | 04-381 | 5 | | 00 06 06 | Allocatable/Pointer in Generic Resolve |
| 17 | 04-148 | J3-013 | Van | 01 03 07 00 | 04-382r1 | 4 | | 03 03 06 | Internal Procedures as actual args |
| | | | | | | | & 04-164 04- | | |
| 18 | 04-153 | J3-014 | Van | 00 00 07 04 | 04-383r1 | 6 | 237 04-247 | 05 02 05 | Parameterized Modules |
| 19 | 04-165 | J3-015 | Van | 00 00 09 01 | 04-384r1 | 4 | & 04-225 | 01 04 07 | Updating Complex parts |
| 20 | 04-178 | J3-016 | Van | 01 04 06 00 | 04-385 | 4 | | | Disassoc/dealloc actual => not Present |
| 21 | 04-179 | J3-017 | Van | 00 01 10 00 | 04-386r2 | 4 | | 01 06 05 | Default for Optional Dummy |
| 22 | 04-202 | J3-018 | Van | 00 00 11 00 | 04-387r1 | 4 | & 04-351 | 01 08 03 | Non-null Initial Targets |
| 23 | 04-184 | J3-019 | Van | 00 00 11 02 | 04-388r1 | 4 | | 00 10 02 | Math Intrinsics: complex trig |
| 24 | 04-161 | 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 |
| 27 | 04-101 | J3-023 | Van | 00 00 11 00 | 04-394r1 | 3 | | 00 06 06 | Size/shape of Parameter Array |
| 28 | 04-156 | 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 |
| 30 | | | Van | 00 01 11 00 | 04-397 | 3 | | | Atan/Atan2 |
| | | J3-027 | Van | 00 00 11 02 | 04-398 | 3 | | | Ascii in LGE etc |
| | | J3-028 | Van | 00 00 11 02 | 04-399 | 3 | | | Public #116: Forward Allocatable |
| | | | | | | | | | More information about |
| 33 | 04-352 | J3-029 | Van | 00 00 13 00 | 04-400 | 3 | | 01 05 06 | GET_COMMAND[_ARGUMENT] failure |
| 34 | 04-240 | J3-030 | RichM | 00 00 06 04 | 04-407r1 | 3 | cf 04-121 | | Simplified Kind Selection |
| 35 | 04-193 | J3-031 | Van | 00 01 06 03 | 04-410r1 | 4 | | 04 06 02 | .ANDTHEN. & .ORELSE. |
| 36 | 04-113 | | Dan | 00 01 09 00 | JoR | 3 | | 02 02 08 | Findloc |

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| | Α | В | С | D | Е | F | G | Н | |
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| 37 | 04-137 | | Dan | 00 00 09 02 | JoR | 3 | | 01 06 05 | Compiler Version |
| | | | | | | | | | |
| 38 | 04-152 | | Alek | 00 00 09 01 | JoR | 3 | | 01 04 07 | Mold on Allocate |
| 39 | 04-282 | | RichM | 00 00 13 02 | JoR | 3 | | 03 03 06 | Proposed f2k+ MTE on semicolons |
| 40 | 04-114 | | Dan | 01 01 08 02 | JoR | 4 | cf 04-205 | 01 03 08 | Use, Not |
| 41 | 04-131 | | Dan | 02 03 07 00 | JoR | 4 | | 01 01 10 | Pointers and Targets |
| 42 | 04-246 | | Dan | 00 03 06 00 | JoR | 4 | | 01 05 06 | Libm: Bessel, erf, gamma, hypot |
| 43 | 04-251 | | CraigD | 00 03 10 00 | JoR | 4 | | 01 03 08 | Rank > 7 |
| | | | | | | | see 04-192 | | Another whack at embedding conditionals in |
| 44 | 04-393r1 | | Van | 00 04 07 00 | JoR | 4 | 04-357r1 | 01 07 04 | expressions |
| | | | | | | | | | Interoperability of pointers, allocatables, and |
| 45 | 04-371r2 | | BillL | 01 00 09 01 | JoR | | | | assumed-shape arrays |
| 46 | 04-373 | | BillL | 00 01 10 01 | JoR | 4 | half of 04-124 | 00 08 03 | Interoperability of optional arguments |
| 47 | 04-132 | | Dan | 00 03 08 01 | JoR | 5 | & 04-198 | 01 03 08 | Sequence Pointers to contiguous mem |
| 48 | 04-135 | | Dan | 04 02 05 01 | JoR | 5 | | 01 02 09 | New Intents |
| 49 | 04-136 | | Dan | 00 00 11 01 | JoR | 5 | & 04-196 | 01 07 04 | Same Assumed Shape declaration |
| 50 | 04-216 | | Walt | 00 04 09 00 | JoR | 5 | | 00 06 06 | Public #109: Behavior of -0.0 in intrinsics |
| 51 | 04-243 | | Bill | 00 00 06 04 | JoR | 5 | | 01 02 09 | CONCURRENT construct |
| 52 | 04-244 | | Bill | 00 01 09 02 | JoR | 7 | cf 03-278 | 04 02 06 | TYPELESS object |
| 53 | | | sorted by | Repository # | then Dispo | sition the | n Impact | | |