

ERROR NUMBER	KEYWORDS								FIRST INCORRECT RELEASE	CORRECTED RELEASE
2010-07	LINK10	BIRTH AND DEATH							Release 5.0	Release 13.0
2010-06	RESUME	BEAM188	BEAM189						Release 12.0	Release 13.0
2010-05	SURF153	SURFACE TENSION							Release 5.5	Release 13.0
2010-04	MODAL	BUCKLING	BLOCK LANCZOS						Release 11.0	Release 13.0
2010-03	SPECTRUM	SPRS	LINEAR INTERPOLATION						Release 12.1	Release 13.0
2010-02	SPECTRUM	NRLSUM							Release 5.0	Release 13.0
2010-01	COMBIN14	ILENGTH							Release 12.0	Release 13.0
2009-23	SHELL131	SHELL132	ELEMENT MASS						Release 7.0	Release 12.1
2009-22	SUMAP	RESULTS MAPPING	FSSECT						Release 8.0	Release 12.0
2009-21	POWERGRAPHICS	ANTYPE,SPECTRUM	PLNSOL,U	NROTAT					Release 12.0	Release 12.1
2009-20	SF PRESSURE	SHELL41 SHELL43	SHELL63 SHELL91	SHELL93 SHELL99	SHELL150 SHELL181	SHELL281			Release 5.1	Release 12.0
2009-19	ANGULAR VELOCITY	ANGULAR ACCELERATION	DROPPED MIDSIDE NODES	OMEGA	DOMEGA				Release 11.0	Release 12.1
2009-18R1	ACCELERATION BOUNDARY CONDITION	D	DK	DL	DJ				Release 11.0	Release 12.1
2009-17	RPSD	BASE EXCITATION	ABSOLUTE						Release 5.1	Release 12.1
2009-16	SYMMETRY	FRICITIONLESS SUPPORTS	CYLINDRICAL SUPPORTS	DISPLACEMENTS					Release 11.0	Release 12.0
2009-15 R1	NEQIT	CONTACT	DISPLACEMENT	LOADING					Release 12.0	Release 12.1
2009-14	DISTRIBUTED ANSYS	MODAL	BUCKLING	CONSTRAINT EQUATIONS					Release 11.0	Release 12.1
2009-13	MODAL	BUCKLING	CONSTRAINT EQUATION						Release 5.0	Release 12.1
2009-12	SOLID117	FSUM	REACTION FORCES						Release 5.4	Release 12.0
2009-11	EMAG	SOLID117	ESYS	DIFFERENTIAL PERMEABILITY					Release 11.0	Release 12.0
2009-10	SENERGY	MAGNETIC ENERGY							Release 11 SP1	Release 12.0.1
2009-09 R1	THERMAL STRAIN	MP ALPX (ALPY, ALPZ)	CTEX (CTEY, CTEZ)	THSX (THSY, THSZ)					Release 11.0	Release 12.0.1
2009-08	ORTHOTROPIC ELASTICITY	CREEP	PLANE42	PLANE82	SOLID45	SOLID92,SOLID95			Release 6.0	Release 12.0.1
2009-07	TREF								Release 5.6	Release 12.0.1
2009-06	GYROSCOPIC MATRIX	CORIOLIS_ON,...ON	OMEGA	CMOMEGA					Release 11.0	Release 12.0
2009-05	ROTORDYNAMICS	CORIOLIS	CMOMEGA	SYNCHRO	HARMONIC				Release 11.0	Release 12.0
2009-04	THERMAL ANALYSIS	THOPT_QUASI	SHARED MEMORY PARALLEL						Release 6.1	Release 12.0
2009-03	DOCUMENTATION	EDGE LOADS	SHELL ELEMENTS						Release 5.0	Release 12.0
2009-02	SOURC36	SOLID117							Release 8.1	None
2009-01	NONLINEAR TRANSIENT THERMAL	RADIOISITY	THOPT	DOCUMENTATION					Release 11.0	Release 12.0
2008-18	BEAM188	BEAM189	TORSIONAL SHEARS						Release 5.6	Release 12.0
2008-17	REACTION FORCE	STRUCTURAL-THERMAL ANALYSIS							Release 10.0	Release 12.0
2008-16	SFBEAM	OFFSETS	RAMPING						Release 5.0	Release 12.0
2008-15	MPC184	JOINT ELEMENT	DAMPING						Release 8.0	Release 12.0
2008-14	GENERALIZED PLANE STRAIN	CONTACT							Release 9.0	Release 12.0
2008-13	EIGNEVALUE BUCKLING	PRESSURE LOAD STIFFNESS							Release 11.0	Release 12.0
2008-12	CMROTATE	NROTAT	MODAL ANALYSIS	MODEOPT=QRDAMP or UNSYM					Release 11.0	Release 12.0
2008-11	PIPE18	PIPE60	NO END CAPS	KEYOPT(8)=1					Release 11.0	Release 12.0
2008-10	STATIC CYCLIC SYMMETRY								Release 10.0	Release 12.0
2008-09	MATRIX50	SUPERELEMENT	SFE COMMAND	DISTRIBUTED ANSYS					Release 11.0	Release 12.0
2008-08	MODAL ANALYSIS	CONTACT	LOCAL COORDINATE SYSTEM						Release 7.0	Release 12.0
2008-07	/POST1	ETABLE	SHELL,MID	KEYOPT(8)=2					Release 5.0	Release 12.0
2008-06	/POST1	ESORT	NSORT	CMSEL					Release 5.0	Release 12.0
2008-05	HBMAT	SUBSTRUCTURING	/AUX2						Release 8.0	Release 12.0
2008-04	ROTORDYNAMICS	SYNCHRO	GYROSCOPIC MATRIX	SOLID ELEMENTS	HARMONIC ANALYSIS				Release 11.0	Release 12.0
2008-03	PRETENSION	PRETS179							Release 11.0	SP1
2008-02	SHELL91	ADDED MASS	TRIANGULAR ELEMENTS						Release 6.0	Release 12.0
2008-01	POST1	PATH	SUCR	CBDOF	BFINT CEINTF	REMOVED MIDSIDE NODES			Release 5.7	Release 12.0
2007-10	MODE SUPERPOSITION	TRANSIENT	HARMONIC	ACEL	FORCES				Release 5.0	Release 12.0
2007-09	CONTA173	CONTA174	ISOTROPIC FRICTION CONTACT	TASR	TASS				Release 6.0	SP1

ERROR NUMBER	KEYWORDS						FIRST INCORRECT RELEASE	CORRECTED RELEASE
2007-08	BEAM188	BEAM189	NON-UNIFORM TEMPERATURE	THERMAL STRAIN			Release 5.4	Release 11.0 SP1
2007-07	SHELL281	INITSTATE	SECT	SECD			Release 11.0	Release 11.0 SP1
2007-06	INISTATE	CDWRITE	CDB				Release 11.0	Release 12.0
2007-05	THERMAL STRAIN	NONLINEAR MATERIAL	EDP	GURSON			Release 11.0	Release 12.0
2007-04	PREP7	ASUM	SURF154				Release 5.5	Release 12.0
2007-03	PCG	MSAVE	THERMAL				Release 5.6	Release 12.0
2007-02	FLUID116	SPECIFIED PRESSURES	FLOW RATE				Release 6.0	Release 11.0
2007-01	HARMONIC	DAMPING FORCES	REACTION FORCES	CONSTANT DAMPING RATIO	DMPRAT	MP,,DMPR	Release 5.0	Release 12.0
2006-21	CURVE FITTING	GENERALIZED TIME HARDENING	CREEP				Release 7.1	Release 11.0
2006-20	PARALLEL PROCESSING	SECTIONS	/POST1	/POST26			Release 10.0	Release 11.0
2006-19	PSD	RANDOM VIBRATION	HIGH FREQUENCIES				Release 5.3	Release 11.0
2006-18R1	COMBIN14	DAMPING	NLGEOM,ON	ANTYPE,TRANS			Release 5.0	Release 11.0
2006-17	SURF156	SFE	SFGRAD	SFFUN			Release 10.0	Release 11.0
2006-16	LAYERED	SOLID186	ESYS				Release 10.0	Release 11.0
2006-15	FIBERSIM-ANSYS INTERFACE						Release 10.0	Release 11.0
2006-14	UNDEFINED ELEMENT COORDINATE SYSTEM	ESYS					Release 8.0	Release 11.0
2006-13 R1	/POST1	/GRAPHICS,POWER	RSYS	LOCAL	CS	ALLSEL	Release 5.2	Release 11.0
2006-12	ANTYPE,MODAL	EXPANSION PASS	STRESSES	STRAINS	NONLINEAR MATERIAL PROPERTIES		Release 5.0	Release 11.0
2006-11	SAVE,,,MODEL	MULTIPLE LOAD STEPS	ANTYPE,STATIC	ANTYPE,TRANSIENT			Release 5.7	Release 11.0
2006-10	SHELL131	SHELL132	EDGE CONVECTIONS	EDGE FLUXES			Release 7.0	Release 11.0
2006-09	ELECTROMAGNETICS	FORCES	SOLID117	MAGNETIC EDGE ELEMENT			Release 9.0	Release 11.0
2006-08	TB,PRONY	TBTEMP					Release 9.0	Release 11.0
2006-07	PSD	OUTRES	BASE EXCITATION				Release 5.0	Release 11.0
2006-06	PCG	MSAVE	SOLID95				Release 7.0	Release 11.0
2006-05 R1	RADIATION	PARALLEL	REFLECTIVE				NA	NA
2006-04 R1	RESUME	OMEGA	CENTRIFUGAL FORCE				Release 10.0	Release 11.0
	MODE SUPERPOSITION	TRANSIENT	UNSYMMETRIC MATRICES	ACCELERATION	QR DAMPED EIGENSOLVER		Release 6.0	Release 11.0
2006-02	CORIOLIS FORCE	ROTATING REFERENCE FRAME	OMEGA	CMOMEGA			Release 10.0	Release 11.0
2006-01	PCG SOLVER	CONSTRAINT EQUATIONS					Release 10.0	Release 11.0
2005-27	POST1	LAYER,FCMAX	FAILURE CRITERIA				Release 5.7	Release 11.0
2005-26	PLNSOL	USUM	POWERGRAPHICS	TRANSIENT RESULTS			Release 8.1	Release 11.0
2005-25	*GET	/SOLUTION	AVERAGED NODAL RESULTS				Release 5.0	Release 11.0
2005-24	EMAG FORCES	TORQUE					Release 9.0	Release 11.0
2005-23	LCOPER,LPRIN	PIPE16	PIPE17	PIPE18	PIPE59		Release 4.4	Release 11.0
2005-22	MAGNETICS	MSP	MAG SCALAR POTENTIAL FORMULATION	SOURC36	SOLID5,96,98	MAGSOLV	Release 5.0	Release 11.0
2005-21	PSD	PSDVAL	CURVE FIT				Release 10.0	Release 11.0
2005-20	CONTACT	CONTA171,175	CONTA172,173,174	MPC	NODAL COORDINATE	ROTATED NODES	Release 9.0	Release 10.0
2005-19	/ESHAPE,1	/GRAPHICS	PLES	PLNS			Release 5.5	Release 10.0
2005-18	HARMONIC ANALYSIS	COUPLING	CONSTRAINT EQUATIONS	IMPOSED DISPLACEMENTS			Release 6.0	Release 10.0
2005-17	*VSCFUN	FIRST	LAST				Release 5.0	Release 10.0
2005-16	CYCLIC SYMMETRY	CPCYC	180 DEGREE SECTOR				Release 6.0	Release 10.0
2005-15	ESYS	CLOCAL	CYLINDRICAL COORDINATE SYSTEM	PLANE182	PLANE183	SOLID185	Release 8.0	Release 10.0
2005-14	LS-DYNA	PLASTIC STRAIN	*GET				Release 5.0	Release 10.0
2005-13	IC	TRANSIENT INITIAL CONDITIONS					Release 5.0	Release 10.0
2005-12	RADIATION	RADIOSITY SOLVER	THERMAL				Release 8.0	Release 10.0
2005-11	RADIOSITY	AXISYMMETRIC	VIEW FACTORS				Release 6.0	Release 10.0
2005-10	MAGNETICS	CURRENT					Release 8.1	Release 10.0
2005-09	SFFUN						Release 8.0	Release 10.0
2005-08	PLANE42	MP,ALPX	MP,CTEX	MP,THSX	TEMP-DEP COEFFICIENT OF THERMAL EXPANSION		Release 5.7	Release 10.0
2005-07	POST1	PLOTTING	SOLID46	SOLID191	/ESHAPE		Release 7.0	Release 10.0

ERROR NUMBER	KEYWORDS						FIRST INCORRECT RELEASE	CORRECTED RELEASE
2005-06	FLUID136	FLUID138	FLUID139	TEMP DEPENDENT MATLS			Release 8.0	Release 10.0
2005-05	PCG	MSAVE	SOLID95	SOLID186			Release 9.0	Release 10.0
2005-04	SHELL63	HARMONIC RESPONSE ANALYSIS	REACTIONS				Release 5.1	Release 10.0
2005-03	*VFUN,,LOCAL	*VFUN,,GLOBAL	*AFUN,DEG				Release 5.0	Release 10.0
2005-02	PLNSOL	PLESOL	PRNSOL	PRESOL	BFE,TEMP	Midside Nodes	Release 5.0	Release 10.0
2005-01	SHELL181	ACEL	NSUB	NLGEOM			Release 9.0	Release 10.0
2004-33	SURF151	SURF152	KEYOPT(7)=1				Release 5.5	Release 10.0
2004-32	FLUID116	ZERO FLOW					Release 5.5	Release 9.0
2004-31	MULTI-FIELD	NON-CONSERVATIVE LOAD TRANSFER	MFSURFACE	MFVOLUME	DEGENERATE ELE		Release 8.0	Release 9.0
2004-30 R1	PDEF	SUMAP	STRAINS	HIGHER ORDER ELEMENTS			Release 6.0	Release 9.0
2004-29	FSI	POST26	DOCUMENTATION	COUPLED-FIELD ANALYSIS GUIDE			Release 6.1 Coupled-Field Analysis Guide	Release 9.0 Coupled-Field Analysis Guide
2004-28	SFGRAD	IMAGINARY PRESSURES	COMMAND REFERENCE				Release 7.0	Release 9.0 Command Reference
2004-27	HF	EMAG	S-PARAMETER	SPSWP	SPARM	SYMMETRY	Release 8.0	Release 9.0
2004-26	MULTIFIELD SOLVER	VOLUMETRIC MAPPING	MFVO	FVIN	FLAG		Release 8.0	Release 9.0
2004-25	SHELL181	REAL CONSTANT	KEYOPT(8)	POST1 LISTING/PLOTTING			Release 6.0	Release 9.0
2004-24	PREP7	ARSYM	ELEMENT SECTION ID				Release 6.0	Release 9.0
2004-23	EIGENVALUE BUCKLING	NONZERO DISPLACEMENT BOUNDARY CONDITIONS					Release 7.0	Release 9.0
2004-22	IMAGINARY PRESSURES	TABULAR INPUT	PREP7	SFLIST	SFELIST		Release 7.0	Release 9.0
2004-21	MULTIFIELD	HEAT GENERATION	VOLUMETRIC LOAD TRANSFER	OVERLAP DOMAIN			Release 8.0	Release 9.0
2004-20	SOLID185	SIMPLIFIED ENHANCED STRAIN FORMULATION	DEGENERATE SHAPES				Release 8.0	Release 9.0
2004-19	*MOPER	COVAR					Release 5.0	Release 9.0
2004-18	CONTACT	SHELLS	MIDSIDE NODES				Release 7.1	Release 8.0
2004-17	SOLID122	SOLID123	ESYS	HARMONIC ANALYSIS			Release 8.1	Release 9.0
2004-16	BIRTH AND DEATH	SHELL181	BEAM188	BEAM189	SHELL208	SHELL209	Release 6.0	Release 9.0
2004-15	BFUNIF	TABULAR LOAD					Release 5.5	Release 9.0
2004-14	SOLID98	LORENTZ FORCE	ESYS				Release 5.0	Release 9.0
2004-13	MAGNETICS	DIFFERENCE SCALAR POTENTIAL (DSP)	FORMULATION	LMATRIX			Release 5.5	Release 8.1
2004-12	CURVE FITTING	HYPERELASTICITY	TBFT,HYPER				Release 7.0	Release 8.1
2004-11	CYCLIC SYMMETRY	POST1	/CYCEXPAND	RSYS	PRNSOL		Release 6.0	Release 8.1
2004-10	CYCLIC SYMMETRY	COUPLING	CONSTRAINT EQUATIONS				Release 6.1	Release 8.1
2004-09	MODE SUPERPOSITION HARMONIC	QRDAMP	POST1	IMAGINARY RESULTS			Release 8.0	Release 8.1
2004-08	HARMONIC ANALYSIS	IMAGINARY POINT LOAD					Release 8.0	Release 8.1
2004-07	PLASTICITY	CAST IRON	TB,CAST				Release 7.0	Release 8.1
2004-06	PRESSURE LOAD	GUI ONLY	COMPONENTS ELEMENTS NODES				Release 8.0	Release 8.1
2004-05	ACOUSTICS	TRANSIENT ANALYSIS	IMPEDANCE LOAD				Release 5.1	Release 8.1
2004-04	SHELL131	SHELL132	ROTATED NODES	CONSTRAINT EQUATIONS			Release 7.0	Release 8.1
2004-03 R1	ORTHOTROPIC	TEMPERATURE-DEPENDENT MATERIALS	POISSONS RATIO				Release 8.0	Release 8.1
2004-02	EQUIVALENT STRAINS	SHELL91	SOLID191				Release 6.0	Release 8.1
2004-01	PSD	BASE EXCITATION	MULTIPLE INPUT PSDS				Release 5.3	Release 8.1
2003-35	*VFUN,,PWR	EXPONENT	EXPONENTIATION	NEGATIVE NUMBER			Release 6.1	Release 8.1 Command Reference
2003-34	PGR FILE	POST1	MODAL ANALYSIS				Release 7.1	Release 8.0
2003-33	CYCLIC SYMMETRY	PRNSOL					Release 6.1	Release 8.1
2003-32 R1	PLASTICITY	MULTILINEAR ISOTROPIC HARDENING	TB,MISO				Release 5.4	Release 8.1
2003-31	PREP7	CPMERG					Release 5.6	Release 8.1
2003-30	SHELL132	ELEMENT COORDINATE SYSTEM	TRIANGLE				Release 7.0	Release 8.1
2003-29 R2	SUPERELEMENTS	SUBSTRUCTURES	FULL HARMONIC				Release 6.0	Release 8.1

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2003-28	BEAM44	BEAM54	TAPERED	MASS MATRIX			Release 7.0	Release 8.0
2003-27 R1	SHELL131	SHELL132	IMPOSED TEMPERATURES	THERMAL-STRESS ANALYSIS			Release 7.0	Release 8.1
2003-26	IC	LSWRITE	LSSOLVE				Release 5.4	Release 8.0
2003-25	SHELL181	SHELL63	SHELL93	POST1	RSYS	MIDSURFACE RESULTS	Release 7.1	Release 8.0
2003-24 R1	MPC184	THERMAL EXPANSION					Release 7.0	Release 8.1
2003-23	FLUID141	FLUID142	TAPERED LOADS	HEAT FLUX	CONVECTION	SFE SFL	Release 5.1	Release 7.1
2003-22	MAGSOLV	MAGOPT	MAG SCALAR POTENTIAL FORM DIFF	SCALAR POTENTIAL			Revision 4.4A	Release 8.0
2003-21	TEMP-DEPEND DENSITY	VISCO106	VISCO107	VISCO108			Release 5.3	Release 8.0
2003-20	SHELL99	TRIANGLE	STRAIN ENERGY				Revision 4.3	Release 8.0
2003-19	FSI	INTERFACE CONSTRAINTS	COMMON NODES	RESTART			Release 6.1	Release 8.0
2003-18	PRETENSION	NLGEOM,OFF	PRETS179				Release 7.0	Release 7.1
2003-17	SFE COMMAND	GUI	ELEMENT PICKING				Release 7.1	Release 8.0
2003-16	ANISOTROPIC ELASTICITY	THERMAL STRESS	SHELL181	PLANE182	PLANE183	SOLID185,186,187	Release 7.0	Release 7.1
2003-15	CYCLIC SYMMETRY						Release 6.0	Release 7.1
2003-14	MAGNETICS	2-D AXISYMMETRIC	CURR2D	PMGTAN			Release 5.6	Release 7.1
2003-13	APDL	ARFACE	ARNODE	*GET	TETRAHEDRAL ELEMENTS		Release 6.1	Release 7.1
2003-12	EQSLV,PCG	MSAVE	SOLID92	CURVED EDGES			Release 5.5	Release 7.1
2003-11	FREQUENCY	SWEEP					Release 7.0	Release 7.1
2003-10	HIGH FREQUENCY ELECTRO	INTERIOR WAVEGUIDE					Release 5.7	Release 7.1
2003-09	CONTA173	PORT	TM MODE				Release 6.1	Release 7.0
2003-08	SPIN SOFTENING	OMEGA	SHELL181				Release 6.1	Release 7.1
2003-07	SHELL181	REAL CONSTANT (THETA)	CMOMEGA				Release 6.1	Release 7.1
2003-06	FUNCTION BUILDER	SECFUNCTION	POST1				Release 5.5	Release 7.1
2003-05	AUX12	RADIATION	SHELL131	SHELL132			Release 7.0	Release 7.1
2003-04	SHELL131	SHELL132	AXISYMMETRIC	PARALLEL			Release 5.0	Release 7.1
2003-03	DOCUMENTATION	ELEMENT REFERENCE	FLUX OUTPUT				Release 7.0	Release 7.1
2003-02	THERMAL TRANSIENT	THOPT,QUASI	MATERIAL DAMPING				Revision 2.0	Release 7.1
2003-01	COMPONENT	ROTATIONAL VELOCITY	SOLID90	CONVECTIONS			Release 5.7	Release 7.1
2002-37	MATERIAL PROPERTY	ROTATIONAL ACCELERATION					Release 7.0	Release 7.1
2002-36	CYCLIC SYMMETRY	TEMPERATURE TABLE	MPDATA COMMAND	RESTART			Release 6.1	Release 7.0
2002-35R1	ISFILE	/CYCEXPAND					Release 6.0	Release 7.1
2002-34	SHELL181	ISTRESS	ELEMENT COORD SYSTEM	ESYS	KEYOOPT		Release 5.7	Release 7.0
2002-33	PRESSURE LOADS	POST26					Release 6.1	Release 7.0
2002-32	TEMPERATURE DEPEN	TABULAR LOADS					Release 5.5	Release 7.0
2002-31	CYCLIC SYMMETRY	TABULAR BOUNDARY					Release 5.4	Release 7.0
2002-30	PLANE25	UNMATCHED NODES					Release 6.1	Release 7.0
2002-29	SHELL181	PLANE83	SET Command	ELASTIC STRAINS	THERMAL STRAINS		Release 6.0	Release 7.0
2002-28	THERMAL RADIATION	REAL CONSTANTS					Release 6.0	Release 7.0
2002-27	BEAM44	SURF151	SURF152	KEYOPT(5)=1			Rev. 5.1	Release 7.0
2002-26	SHELL181	BEAM54	MASS MATRIX				Rev. 5.0	Release 7.0
2002-25	REFINEMENT	POST1					Release 6.0	Release 7.0
2002-24	PAGE FILE	PREP7	TET IMPROVEMENT	MESH MORPHING			Rev. 5.2	Release 7.0
2002-23	MODE SUPERPOSITIO	ARRAY PARAMETERS	COMPONENTS				Release 6.1	Release 7.0
2002-22	INITIAL STRESS FI	LVSCALE	POWERDYNAMICS				Release 5.4	Release 7.0
2002-21	SHELL91	ISWRITE	BEAM189				Release 5.7	Release 7.0
2002-20	MSAVE	SOLID191	SOLID46	THERMAL STRAIN OU			Rev. 4.2	Release 7.0
2002-19	CYCLIC SYMMETRY	ELEMENT COORDINAT					Release 5.6	Release 7.0
2002-18	FULL HARMONICS	CYCPHASE,PUT	PLNSOL	PRNSOL			Release 5.7.1	Release 7.0
2002-17 R1	CFD RADIATION	CP	ICCG/JCG SOLVER	SPARSE SOLVER			Release 6.0	Release 7.0
2002-16	SHELL181	PLANE182,183	SOLID185,186,187				Release 5.7	Release 7.0
2002-15	FAILURE CRITERIA	FC COMMANDS	RSYS COMMAND				Release 6.0	Release 6.1
2002-14	P-METHOD	Major Poissons Ra	PRXY	PRYZ			Release 6.0	Release 7.0
2002-13	VMESH	VATT	TETRAHEDRA				Release 6.0	Release 7.0
2002-12	PLASTICITY	TB,MISO	NON-ISOTHERMAL				Release 5.5	Release 7.0
2002-11 R2	FILM COEFFICIENT	CONVECTION LOAD	TABULAR BOUNDARY	SURF151	SURF152	THERMAL ANALYSIS	Release 6.0	Release 7.0
2002-10	FUNCTION EDITOR	FUNCTION LOADER	BOUNDARY CONDITIO				Release 5.7.1	Release 6.1 fo
2002-09	SHELL57	SHELL157	EDGE CONVECTION A				Release 5.7	Release 6.1
2002-08	POST1	MODAL CYCLIC SYMM	EXPAND				Release 5.7	Release 6.1
2002-07	SPARSE	ICCG/JCG	PCG	CE			Release 6.0	Release 6.1

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2002-06	PLANE13	SOLID5	SOLID98	PIEZOELECTRIC ANA	ENERGY		Rev. 5.0	Release 6.1
2002-05	SECTION	COMPOSITE	SECCONTROLS	BEAM188,189	BEAM44		Release 6.0	Release 6.1
2002-04	PSTRESS	FULL HARMONIC ANA	THERMAL BODY LOAD				Release 6.0	Release 6.1 Structural Analysis Guide
2002-03	CYCLIC SYMMETRY	PRNSOL	3D MODELS				Release 6.0	Release 6.1
2002-02	LS-DYNA	EDHIST	BEAM161	DOF SOLUTION			Release 5.6	Release 6.1
2002-01	SHELL181	TRANSVERSE SHEAR	ELEMENT COORDINAT				Release 5.7	Release 6.1
2001-19	PSMESH	PTSMESH	PRETENSION TEMPER				Release 5.6	Release 6.1
2001-18	MODAL	TRANSIENT	HARMONIC ELEMENTS	PLANE25	SHELL61	PLANE81	Rev. 4.0	Release 6.1
2001-17	TRANS126	MEMS	ELECTRO-STRUCTURA				Release 5.6	Release 6.1
2001-16 R1	MAGNETICS						Rev. 4.3	Release 6.0
2001-15	SFA	SURFACE LOAD	AREA	PRESSURE	CONVECTION		Rev. 4.3	Release 6.0
2001-14	INITIAL STRESS	INITIAL CONDITION	PLAS w/ MULTILINE				Release 5.6	Release 6.0
2001-13	SOLID191	MISC SUMMABLE REC					Release 5.7	Release 6.0
2001-12	ANSYS/LS-DYNA	POST1	SOLID164	EQUIV EFFECTIVE S			Release 5.4	6.0 Elements Manual
2001-11	BEAM44	SFBEAM	SECTIONS				Release 5.6	Release 5.7.1
2001-10	LINE SEARCH	CONTACT					Release 5.5	Release 6.0
2001-09	PLANE13	THERMAL	TEMP DEPENDENT MA				Release 5.6	Release 5.7
2001-08	P-METHOD	ROTATED NODES	CONSTRAINTS				Rev. 5.1	Release 6.0
2001-07	ADDED MASS	SURF153 , SURF154	SHELL28, SHELL41	SHELL43, SHELL51	SHELL61, SHELL91	SHELL93, SHELL99	Release 5.5	Release 6.0
2001-06	CFD (FLOTRAN)	INTSRF					Release 5.6	Release 5.7.1
2001-05	RANDOM VIBRATION	POWER SPECTRAL DE					Release 5.4	Release 5.7.1 5.7.1 Elements Manual
2001-04	DOCUMENTATION	FLUID141	FLUID142	FLOTRAN PERMEABIL	DISTRIBUTED RESIS		Rev. 5.1	Release 5.7.1
2001-03	GUI	BOUNDARY CONDITIO	FUNCTION EDITOR				Release 5.7	Release 5.7.1
2001-02	DOCUMENTATION	*MWRITE					Release 5.7	Release 5.7.1
2001-01	POST1	PATH	SHELL.BOT,UNAVERA				Rev. 5.2	Release 5.7.1
2000-44	EQSLV,SPARSE	SPARSE DIRECT SOL	ACCELERATION LOAD	CONSTRAINT EQUATI			Release 5.3	Release 5.7
2000-43	POST1	POST26	PLESOL,NL	PLNSOL,NL	PRESOL,NL	PRNSOL,NL	Release 5.6	Release 5.6.2
2000-42	LS-DYNA	DYNAMIC RELAXATIO					Release 5.6	Release 5.7
2000-41	HARMONIC	HRCPLX	POST1				Release 5.5	Release 5.7
2000-40	SHELL143	NONLINEAR MATERIA	FORCE RESULTANTS				Rev. 5.2	Release 5.7
2000-39	MODAL CYCLIC SYM	EXPAND	/EXPAND				Release 5.4	Release 5.7
2000-38	CONVECTION	TABULAR BOUNDARY	SURF151	SURF152			Release 5.6	Release 5.7
2000-37	SELECT	NSLE	/NOPR	*DO			Release 5.6	Release 5.7
2000-36	HRCPLX	*AFUN					Release 5.5	Release 5.7
2000-35	CMATRIX	ELECTROSTATICS					Release 5.6	Release 5.7
2000-34	RESUME	TB,ANEL					Release 5.6	Release 5.7
2000-33 R1	ANISOTROPY	PLANE182	PLANE183	SOLID185	SOLID186	SOLID187	Release 5.6	Release 5.7.1
2000-32	SOLID46	SHELL91	SHELL99	LAYERED ELEMENTS	FAILURE CRITERIA	MISC NON SUMMABLE	Rev. 5.0	5.7 Elements Manual
2000-31	BEAM44	SECTYPE	SECDATA	SECREAD			Release 5.6	Release 5.7
2000-30	PCG SOLVER	JCG SOLVER	NONLINEAR	ZERO DISP BOUND C			Release 5.3	Release 5.7
2000-29	STATIC STRUC ANAL	PCG	MSAVE	SOLID92	ROTATED NODES		Release 5.6	Release 5.7
2000-28	EMAG	SOLID98	SOURC36				Rev. 5.0	Release 5.7
2000-27	POWERGRAPHICS	/EFACET	TETRAHEDRON	SOLID95	VISCO89	SOLID117	Release 5.5	Release 5.6
2000-26	*VFUN	DIRECTION COSINE					Release 5.5	Release 5.6
2000-25	SUBSTRUCTURE	THERMAL CONVECTIO					Release 5.6	Release 5.7
2000-24	DENSITY	PLANE2	SOLID92				Release 5.3	Release 5.7
2000-23	SFCUM	HEAT FLUX					Release 5.4	Release 5.6.1
2000-22	MECHANICAL TOOLBA	APPLIED DISPLACEM	NON-GLOB CARTESIA				Release 5.5.3	Release 5.6.2
2000-21	MODAL	CYCGEN	CYGEN	BEAM44	BEAM188	BEAM189	Release 5.5	Release 5.6.2
2000-20	MAGNETICS	PLANE53	HARMONIC	TRANSIENT	POWERH	PMGTRAN	Rev. 5.1	Release 5.6.2
2000-19	BEAM44	MODAL	BLOCK LANCZOS	CONSTRAINT EQUATI			Release 5.4	Release 5.6.2
2000-18	CFD	KXX	RESTART	CONJUGATE HEAT TR	FLUID		Release 5.4	Release 5.6.2
2000-17	MECHANICAL TOOLBA	MM-KG UNITS					Release 5.5.3	Release 5.6.2
2000-16	CFD	FLUID	SPECIES TRANSPORT				Release 5.5	Release 5.6.2
2000-15	POST26	ESOL	MAGNETICS	FMAG			Rev. 5.0	Release 5.7
2000-14	POST1	SET COMMAND	BEAM188	BEAM189			Release 5.5	Release 5.6.2
2000-13	TABULAR BOUNDARY	COUPLING					Release 5.5	Release 5.6
2000-12	GRAPHICS	RESULTS PICKING	SYSTEM	PC			Release 5.5	Release 5.6.2
2000-11	GRAPHICS	PLNS	SHELL163	POWERGRAPHICS			Release 5.5	Release 5.6
2000-10	DL	DA	SYMMETRY	REFINEMENT OPERAT	IMPROVEMENT OPERA		Release 5.3	Release 5.7
2000-09 R2	MODAL CYCLIC	POST1	EXPAND	/EXPAND			Release 5.4	Release 5.6.2
2000-08	LSDYNA	POST26	SHEAR STRESS				Release 5.6	Release 5.6.1

ERROR NUMBER	KEYWORDS						FIRST INCORRECT RELEASE	CORRECTED RELEASE
2000-07	TB	BOYCE					Release 5.6	Release 5.6.1
2000-06	QUERY PICKING	CSYS					Release 5.6	Release 5.6.1
2000-05	IRLF	MASS21	MASS MOMENT OF IN				Rev. 5.1	Release 5.6.1
2000-04	HARMONIC	EXPSOL					Rev. 5.0	Release 5.7
2000-03	VGEN	VSYM	VTRAN	VLSCALE			Rev. 5.1	Release 5.6.1
2000-02	POST1	FSUM	NFORCE	CONTA171	CONTA172	CONTA173,CONTA174	Release 5.5	Release 5.6.1
2000-01	CONTACT	TEMPERATURE DEPEN	MATERIAL PROPERTY	CONTA171	CONTA172	CONTA173,CONTA174	Release 5.4	Release 5.6.1
1999-47 R1	HARMONIC	MODE SUPERPOSITIO	ALPHA DAMPING	BETA DAMPING			Rev. 5.0	Release 5.6.1
1999-46	MAGNETICS	BIOT SAVART	SOURC36				Rev. 5.1	Release 5.6
1999-45	SOLID70	KEYOPT(8)	THERMAL	MASS TRANSPORT			Release 5.4	Release 5.6
1999-44	DOCUMENTATION	NUMCMP	NUMMRG	MATERIAL	PIPE17		Rev. 4.4	5.6 Commands M
1999-43	SOLID45	SOLID92	SOLID95	PCG SOLUTION	CONSTRAINT EQUATI		Release 5.3	Release 5.6
1999-42	CONTACT	PCG SOLVER	PILOT NODE	ROTATION DOF			Release 5.4	Release 5.6
1999-41	MAGNETICS	SOLID96	LMATRIX				Release 5.5	Release 5.6
1999-40	THERMAL	FLUID116	EQSLV,ITER	UNSYMMETRIC			Release 5.4	Release 5.6
1999-39	MODAL	BLOCK LANCZOS	MASS21	CONSTRAINT EQUATI			Release 5.4	Release 5.6
1999-38	VMESH	QUADRATIC TETRAHE	COARSE MESH				Release 5.4	Release 5.6
1999-37	CONTACT	CONTA171	CONTA172	CONTA173	CONTA174	KEYOPT(9)=1	Release 5.4	Release 5.5
1999-36	ANSYS/LS-DYNA	POST26	EDREAD	SPCFORC	REACTIONS		Release 5.5	Release 5.6
1999-35	GRAPHICS	PLNS	PLES	/ESHAPE	BEAM3	BEAM4	Release 5.5	Release 5.6
1999-34	BUCKLING	REDUCED	MODE SHAPES				Rev. 2.0	Release 5.6
1999-33	LINEAR ANALYSIS	CONSTRAINT EQUATI	SPARSE SOLVER	EQSLV_sparse			Release 5.4	Release 5.6
1999-32 R1	NUMOFF	NUMMRG	LINE MESHING	KEYPOINT MESHING			Rev. 5.0	Release 5.6
1999-31	BEAM44	STIFFNESS RELEASE	LARGE DEFLECTIONS				Rev. 5.0	Release 5.6
1999-30	LS-DYNA	ESYS	DOCUMENTATION				Release 5.4	5.6 Commands M
1999-29	POST1	SPOINT	FSUM	NFORCE	NLGEOM	RSYS	Rev. 5.0	Release 5.6
1999-28	DOCUMENTATION	*GET	CENTRX,Y,Z				Release 5.3	5.6 User Manual
1999-27	POST1	PRRFOR	RSYS=0	ROTATED NODES			Release 5.5	Release 5.6
1999-26	PHASE ANGLE	HARMONIC	REAL	IMAGINARY	PHASE ANGLE		Release 5.5	Release 5.6
1999-25	ESYS	SOLID185	PLANE182				Release 5.5	Release 5.6
1999-24	MODAL CYCLIC SYM						Release 5.5	Release 5.6
1999-23 R2	AREVERSE	SHELL	ANORM	AMESH			Release 5.5	Release 5.7.1
1999-22	TARGE170						Release 5.5	Release 5.6
1999-21	SOLID BC	SFADEL					Rev. 5.0	Release 5.6
1999-20	MODAL ANALYSIS	ROTATED NODES	PARTICIPATION FAC	SPECTRUM ANALYSIS	SPOPT,SPRS		Rev. 5.1	Release 5.6
1999-19	LINEAR ANALYSIS	LOAD STEP	CONSTRAINT EQUATI	SPARSE SOLVER	F	CE	Release 5.4	Release 5.6
1999-18	PLASTICITY	MULTILINEAR ISO H	TB,MISO				Rev. 5.0	Release 5.6
1999-17	MODAL CYCLIC SYM	CYCGEN	CYCSOL				Release 5.4	Release 5.6
1999-16	ANAND	PLWK	VISCO106	VISCO107	VISCO108		Rev. 5.0	Release 5.5.3
1999-15	MESH	SHAPE CHECKING	TETRAHEDRA				Release 5.5	Release 5.5.3
1999-14	LSCLEAR,SOLID	BFLDEL	BFADDEL	BFVDEL	BF	LSSOLVE	Release 5.5	Release 5.5.3
1999-13	SOLID97	SOLID117	MAGNETICS	NON-ZERO PHASE A			Rev. 4.4A	Release 5.5.3
1999-12	TREF	TUNIF	PLANE2	SOLID45	SOLID95	SOLID92	Release 5.5	Release 5.5.3
1999-11	RESUME	BFUNIF	TUNIF	PLANE2	SOLID45	SOLID92	Release 5.5	Release 5.5.3
1999-10	LDREAD	FORCES	NULL ELEMENT				Release 5.4	Release 5.5.3
1999-09	MODAL ANALYSIS	REDUCED METHOD	MODOPT,REDU				Rev. 5.0	Release 5.6
1999-08	SOLID46	/PSYMB	ESYS				Rev. 4.4	Release 5.5.3
1999-07	PREP7	SHAPE CHECK ELEME	CDREAD	EBLOCK	EGEN	ENGEN	Release 5.5	Release 5.6
1999-06	BUCKLING	BEAM4	PRESSURE LOAD	THERMAL LOAD			Rev. 5.0	Release 5.6
1999-05	SUBMODELING	CBD0F	SHELL-TO-SOLID				Release 5.5	Release 5.5.2
1999-04	DSYS	CSYS					Release 5.4	Release 5.5.2
1999-03	VSUM	GSUM	IGES	MOMENT OF INTERTI			Release 5.4	Release 5.5.2
1999-02	CONTA171	BEAM3					Release 5.4	Release 5.5.2
1999-01	PLANE13	ELEMENT COORD SYS	ORTHOTROPIC PERM				Rev. 5.1	Release 5.5.2
1998-45	MAGNETICS	PLANE53	SOLID97	COILS	INDUCTANCE		Rev. 5.2	5.6 Elements Manual
1998-44	FMAGSUM	FMAGBC	EMAG	FORCES	2D		Rev. 5.2	Release 5.5.2
1998-43	GRAPHICS	POWERGRAPHICS	RESULTS	LISTING			Rev. 5.1	Release 5.5.2
1998-42	SOLID45	SOLID92	EXPAND	CYCSOL	MODAL CYCLIC SYM		Release 5.5	Release 5.5.2
1998-41	EMAG	HF120	ELEMENT VOLUME	WEDGE SHAPE			Release 5.4	Release 5.5
1998-40	MODAL CYCLIC SYM	EXPAND	LCWRITE	LCDEF	LCOPER		Release 5.4	Release 5.5
1998-39	LSDYNA	EDWELD	NUMCMP				Release 5.4	Release 5.5.2
1998-38	MAGNETICS	LMATRIX	COILS	INDUCTANCE			Release 5.5	Release 5.5.1
1998-37	GRAPHICS	POWERGRAPHICS	AVPRIN				Release 5.4	Release 5.5.1
1998-36	SPECTRUM	GROUPING METHOD	VELOCITY	ACCELERATION			Release 5.4	Release 5.5.1

ERROR NUMBER	KEYWORDS					FIRST INCORRECT RELEASE	CORRECTED RELEASE
1998-35	CFD	FLOTTRAN	COMPRESSIBLE ENE			Rev. 5.1	Release 5.5.1
1998-34	SHELL181	EDGE PRESSURE	DOCUMENTATION			Release 5.3	5.5 User Manual
1998-33	EMAG	CIRCUIT	TRANSIENT			Rev. 5.2	Release 5.5.1
1998-32	FLOTTRAN	TURBULENCE				Rev. 5.1	Release 5.5.1
1998-31	EMAG3D	SOLID5	SOLID98	KEYOPT(1)=1		Release 5.4	Release 5.5
1998-30	SRCS	MAGNETICS				Rev. 5.1	Release 5.5
1998-29	MODAL STRESSES	MODE SUPERPOSITI	THERMAL LOADS	EXTRA SHAPES		Rev. 5.0	Release 5.5
1998-28	LS/DYNA	SHELL163				Release 5.3	Release 5.5
1998-27	FLUID66	TB TABLE	FRICITION FACTOR			Rev. 5.0	Release 5.5
1998-26	SENERGY	PERMANENT MAGNET				Rev. 5.2	Release 5.5
1998-25	EQUIV STRAINS	GUI	POST1	ETABLE	AVPRIN	Release 5.4	Release 5.5
1998-24	SUBMOD	CBDOF	SHELLS			Rev. 4.2	Release 5.5
1998-23	FLOTTRAN	CFD/FLUID TRANSI	RESTART			Rev. 5.1	Release 5.5
1998-22	BEAM4	PIPE16	DAMPED EIGENSOLV	GYROSCOPIC MOMEN		Rev. 5.2	Release 5.5
1998-21	MESH BCs	DA	DADEL	SFA	SFADEL	Release 5.4	Release 5.5
1998-20	LS-DYNA	PLNSOL	LAYER	/GRAPH,POWER	SHELL163	Release 5.3	Release 5.5
1998-19 R1	SHELL181	ESYS				Release 5.3	Release 5.5.1
1998-18	APDL	CENTRX/Y/Z	3D LINE ELEMENTS	ELEMENT CENTROID		Rev. 5.0	Release 5.5
1998-17	WINDOWS	GUI	CUT	PASTE	SYSTEM	Rev. 5.1	Release 5.5
1998-16	LS-DYNA	SHELL163				Release 5.4	Release 5.6
1998-15 R1	LS-DYNA	STRESSES				Release 5.3	Release 5.6
1998-14	THERMAL LOAD	NEWTON RAPHSON	REF TEMPERATURE			Rev. 5.0	Release 5.5
1998-13	ELEM20	PIPE20	THERMAL LOADING	NEWTON-RAPHSON		Rev. 5.0	Release 5.5
1998-12	LAYER	POST1	PRNSOL	POWERGRAPHICS		Rev. 5.0A	Release 5.5
1998-11	DA	KMODIF	SBCTAN			Release 5.3	Release 5.5
1998-10	MODAL CYCLIC SYM	CYCSOL	EXPAND			Release 5.4	Release 5.5
1998-09	*VOPER	APDL				Rev. 5.0	Release 5.5
1998-08 R1	PLANE25	NEWTON RAPHSON				Release 5.4	Release 5.5
1998-07 R1	SPECTRUM	PSD	PSDFRQ	PSDVAL		Release 5.3	Release 5.5.2
1998-06	MODAL CYCLIC SYM	CYCSOL				Release 5.4	Release 5.5
1998-05	SPECTRUM	DAMPING	SV			Rev. 4.0	Release 5.5
1998-04	HARMONIC RESPON	MODE SUPERPOSITI	DAMPING			Rev. 5.1	5.5 User Manual
1998-03	SHELL63	ELEM63	WARPED ELEMENT	THERMAL LOAD		Rev. 5.0	Release 5.5
1998-02	PREP7	SHPP,WARN	SHAPE CHECKING			Release 5.4	Release 5.5
1998-01 R1	TARGE169	TARGE170	ELEM169	ELEM170	CONTACT	Release 5.4	Release 5.5
1997-58	DOCUMENTATION	LSDYNA	RSYS			Release 5.3	5.5 Documentation
1997-57	MESHING	REFINEMENT	LMESH			Release 5.3	Release 5.5
1997-56	*VGET	COORDINATE SYSTE				Rev. 5.0	Release 5.5
1997-55	REAL CONSTANT	TABLE NUMBER	GUI			Rev. 5.1	Release 5.5
1997-54	GRAPHICS	POWERGRAPHICS	*VPUT			Rev. 5.1	Release 5.5
1997-53	SPECTRUM	POST26	RESPONSE PSD			Rev. 5.2	Release 5.4
1997-52	*REPEAT	REPEAT COUNT < 2				Release 5.3	Release 5.5
1997-51	SPARSE SOLVER	EQSLV,SPARSE	CONSTRAINT EQUAT	MULTIPLE LOAD ST		Release 5.4	Release 5.5
1997-50 R1	VMESH	VDRAG	VEXT	VOFFST	VROTAT	Release 5.4	Release 5.5
1997-49	POST1	PLESOL	SHELL	/GRAPHICS,FULL	SHELL ELEMENTS	Release 5.4	Release 5.5
1997-48	SHELL181	HYPERELASTIC				Release 5.3	Release 5.4
1997-47	CSWPLANE	*GET	CDWRITE	ANGLES		Rev. 5.0	Release 5.4
1997-46	CFD	FLOTTRAN	YPLU			Rev. 5.1	Release 5.4
1997-45	*AFUN,DEG	GUI	PICKING	ANGULAR FUNCTION		Rev. 5.1	Release 5.4
1997-44	SELECT	ELEMENT	ESEL			Release 5.3	Release 5.5
1997-43	EMAG	CIRCUIT	CIRCU124	ELEM124	RESISTANCE	Release 5.3	Release 5.4
1997-42	SPECTRUM	PSD	SPOPT,PSD			Release 5.3	Release 5.4
1997-41	THERMAL	FLUID				Rev. 5.1	Release 5.5
1997-40	SELECT	ALLSEL,BELOW				Rev. 5.0	Release 5.4
1997-39	NONLINEAR ANALYS	NEQIT,1				Rev. 5.0	Release 5.4
1997-38	COUPLING	NDELE	xCLEAR	SUPERELEMENTS	P-METHOD	Rev. 5.0	Release 5.4
1997-37	BIRTH AND DEATH	ELEMENT THICKNES	NLGEOM	LARGE DEFORMATIO		Rev. 5.0	Release 5.4
1997-36	SOLID87	PCG	JCG			Release 5.3	Release 5.4
1997-35	SYSTEM	CRAY				Rev. 5.0A	Release 5.3
1997-34	MODE SUPERPOSITI	HARMONIC	TRANSIENT			Rev. 5.2	Release 5.4
1997-33	WINDOWS NT	WINDOWS 95	/COPY			Rev. 5.0A	Release 5.4
1997-32	PREP7	AREA MESH	QUADRILATERALS	FREE MESH		Release 5.3	Release 5.4
1997-31	MODE SUPERPOSITI	LARGE DEFLECTION	LVSCALE	PSOLVE		Rev. 5.0	Release 5.4
1997-30	LUMPED MASS	CONSTRAINT EQUAT	REDUCED MODAL	SUBSTRUCTURE		Rev. 5.0	Release 5.4
1997-29	EMAG	CIRCUIT	CIRCU124			Rev. 5.2	Release 5.4
1997-28 R1	CONSTRAINT EQUAT	UNSYMMETRIC MATR	FRONTAL SOLVER			Release 5.3	Release 5.4

ERROR NUMBER	KEYWORDS						FIRST INCORRECT RELEASE	CORRECTED RELEASE
1997-27	LSDYNA	SOLID164	ELEM164				Release 5.3	Release 5.4
1997-26	SPECTRUM	PSDWAV	RANDOM VIBRATION	WAVE PROPAGATION			Rev. 5.0	Release 5.4
1997-25	POST1	LCASE	LCDEF				Rev. 5.0	Release 5.4
1997-24	MAGNETICS	BIOT-SAVART	SOURC36				Rev. 5.2	Release 5.4
1997-23	LSDYNA	CP	D	COUPLED NODES	CONSTRAINT		Release 5.3	Release 5.4
1997-22	SHELL181						Release 5.3	Release 5.4
1997-21	SOLID5	SOLID98	THERMAL ANALYSIS	RAMPED B.C.	HEAT FLUX		Release 5.3	Release 5.4
1997-20	PLANE25	ELEM25	TEMPERATURES	NONLINEAR			Rev. 5.0	Release 5.4
1997-19	GUI	MODAL	PRESTRESSED	UPCOORD			Release 5.3	Release 5.4
1997-18	LSDYNA	SOLID164	EDLOAD	PRESSURE			Release 5.3	Release 5.4
1997-17	ORTHOTROPIC MAT	LSDYNA	POISSONS RATIO				Release 5.3	Release 5.4
1997-16	*MOONEY	*EVAL	HYPERELASTICITY				Rev. 5.1	Release 5.4
1997-15	NSLA	SELECT	AREA NODES				Rev. 5.0	Release 5.4
1997-14	PSD						Release 5.3	Release 5.4
1997-13	PSD	BASE EXCITATION	RPSD	ABS RESP PSD			Release 5.3	Release 5.4
1997-12	SUBSTRUCTURE	MATRIX50	DOF	MDOF	TRI FILE		Rev. 5.2	Release 5.4
1997-11	PLANE2	SOLID92	RAMPED B.C.	MULTIPLE SOLUTIO			Release 5.3	Release 5.4
1997-10	GUI	PIPE17	ELEM17	REAL CONSTANTS			Release 5.3	Release 5.4
1997-09	RBE3	CONSTRAINT EQUAT					Release 5.3	Release 5.4
1997-08 R1	INERTIA RELIEF	IRLF	DROPPED MIDSIDE N				Rev. 5.1	Release 5.7
1997-07	MAGNETICS	VOLTAGE LOADING	PLANE53				Rev. 5.2	Release 5.4
1997-06	MAGNETICS	HARMONIC	CIRCUIT	ELEM124			Rev. 5.2	Release 5.4
1997-05	STRUCTURAL ANAL	PCG SOLVER	IMPOSED DOF				Rev. 5.1	Release 5.4
1997-04	HARMONIC RESPONS	UNSYMMETRIC MATR	PIVOT TERM				Rev. 4.3	Release 5.4
1997-03	LSDYNA	EDLOAD	RIGID BODY				Release 5.3	Release 5.4
1997-02 R1	MAGNETICS	SENERGY	MACRO				Rev. 5.2	Release 5.4
1997-01	SOLID MODEL BCs	ROTATED NODES	DA				Rev. 5.1	Release 5.4
1996-53	PIPE20	ELEM20	STRESS STIFFENIN	ANTYPE,BUCKLE	SSTIF_ON	PSTRESS_ON	Rev. 3.0	Release 5.4
1996-52	DOCUMENTATION	SELECT					Release 5.3	5.4 User Manual
1996-51	/GRAPHICS.POWER	POST1	LCOPER	PLNSOL			Rev. 5.2	Release 5.4
1996-50 R1	SOLID92	PLANE2	SOLID87	CURVED EDGES			Release 5.3	Release 5.4
1996-49	LSDYNA	ROTATED NODES					Release 5.3	Release 5.4
1996-48	LSDYNA	EDLOAD					Release 5.3	Release 5.4
1996-47	/CLEAR	DEC-ALPHA	PARALLEL				Release 5.3	Release 5.4
1996-46	CFD	THERMAL EXPANSIO	FLUID141	FLUID142			Rev. 5.1	Release 5.4
1996-45 R1	SURFACE LOADS	BODY FORCES	RAMPING				Release 5.3	Release 5.4
1996-44	SAVE	LOADS	INITIAL CONDITIO	/EXIT			Rev. 5.1	Release 5.4
1996-43	MATRIX50	SUPERELEMENTS	COUPLED DOF	NONZERO CONSTRAI			Rev. 5.0	Release 5.4
1996-42	CONSTRAINT EQUAT	MODAL	ITERATIVE SOLVER				Release 5.3	Release 5.4
1996-41	ELEM150	SHELL150	ELEMENT VOLUME	ETABLE	*GET		Rev. 5.2	Release 5.4
1996-40	PREP7	PIPE16	VALVE	BUNIF			Rev. 5.0	Release 5.4
1996-39	APDL	ARFACE	*GET				Rev. 5.1	Release 5.4
1996-38 R1	SOLID MODELLING	BOOLEAN	SUBTRACT	ASBL			Rev. 5.1	Release 5.4
1996-37	SFA	BOUNDARY CONDITI	SOLID MODEL	TRANSFER			Rev. 5.2	Release 5.3
1996-36	FLOTTRAN	ELEMENT141	ELEMENT142	RESULTS FILE	DENSITY		Rev. 5.1	5.3 User Manual
1996-35	EMAG	ELEM53	PLANE53	CIRCUIT			Rev. 5.2	Release 5.3
1996-34	APDL	ARNODE					Rev. 5.2	Release 5.3
1996-33	ASUM	VSUM					Rev. 5.0	Release 5.3
1996-32	PMETHOD	SHELL150	PRESSURE				Rev. 5.2	Release 5.3
1996-31	FLUID66	ELEM66	HGEN	KBC,0			Rev. 5.0	Release 5.3
1996-30	GCGEN	CONTACT	ELEM48				Rev. 5.0	Release 5.3
1996-29	BOOLEAN	SUBTRACT	MESH				Rev. 5.0A	Release 5.3
1996-28	ELEM142	FLUID142	FLOTTRAN	TETRAHEDRON	SF SFE	HEAT TRANSFER	Rev. 5.1	Release 5.3
1996-27	LCOMB	NUMSTR					Rev. 4.4	Release 5.3
1996-26	SHELL63	KEYOPT(3)=2	ALLMAN ROTATION	BUCKLING	STRESS STIFFENIN		Rev. 5.1	Release 5.3
1996-25	ELEM34	CONVECTION LINK	KEYOPT(3)=2	SFE			Rev. 5.0	Release 5.3
1996-24	POST1	HARMONIC	IMAGINARY SOLUTI				Rev. 5.0	Release 5.3
1996-23	PLANE78	MODE>0	HFLUX				Rev. 5.0	Release 5.3
1996-22	KGEN	KSYM	KTRA	KSEL	KSLN	KSLN	Rev. 5.0	Release 5.3
1996-21	TRANSIENT	DAMPING	MULTI-FIELD				Rev. 5.2	Release 5.3
1996-20	THERMAL	CONVECTION	DELETE FILM COEF				Rev. 5.1	Release 5.3
1996-19	P-METHOD	PCONV	NODE COMPONENT				Rev. 5.2	Release 5.3
1996-18	SHELL43	ELEM43	STRESS STIFFENIN	PRESTRESS	MODAL		Rev. 5.0	Rev. 5.1
1996-17	MODAL ANALYSIS	LARGE DEFLECTION					Rev. 5.1	Release 5.3
1996-16	IMPOSED DOF	RAMP TO ZERO					Rev. 4.0	Release 5.3
1996-15	GP	LSWRITE	LSSOLVE				Rev. 5.0	Release 5.3
1996-14	SHELL63	ELEM63	THERMAL LOAD	NEWTON-RAPHSON			Rev. 5.0	Release 5.3

ERROR NUMBER	KEYWORDS						FIRST INCORRECT RELEASE	CORRECTED RELEASE
1996-13	SUBSTRUCTURES	TOTAL COMMAND					Rev. 4.0	Release 5.3
1996-12	SOLID97	SOLID62	ELEM97	ELEM62	RESISTIVITY	ESYS	Rev. 5.2	Release 5.3
1996-11	POST1	ETABLE	EMID				Rev. 5.0	Release 5.3
1996-10	POST1	LCWRIT	LCOPER				Rev. 5.0	Release 5.3
1996-09	THERMAL PHASE CH	PARALLEL PROCESS					Rev. 5.2	Release 5.3
1996-08	RESTART	POST1	SET				Rev. 5.0	Release 5.3
1996-07	SUPERELEMENTS	SUBSTRUCTURES	COMBIN40	ELEM40			Rev. 5.0	Release 5.3
1996-06	GRAPHICS	POST1	PRNSOL	PLNSOL			Rev. 5.2	Release 5.3
1996-05	DOCU	FLUID66	ELEM66				Rev. 5.0	5.3 User Manual
1996-04	KMODIF	BOUNDARY COND					Rev. 4.3	Release 5.3
1996-03	MATERIAL PROP	BEAM ELEMENTS	PIPE ELEMENTS				Rev. 5.0	Release 5.3
1996-02 R1	THERMAL ANALYSIS	KZZ	ORTHOTROPIC MATL	MATRIX REUSE			Rev. 5.0	Release 5.3
1996-01	POST1	SHELL	NONLINEAR	PDEF	ETABLE	PRNSOL PLNSOL	Rev. 5.0	Release 5.3
1995-63	THERMAL	CONVECTION	RAMPED B.C.	AUTO TIME STEP			Rev. 5.1	Release 5.3
1995-62	SPECTRUM	SPRS	DSUM				Rev. 5.0	Release 5.3
1995-61	POST1	LCASE	LCFACT				Rev. 5.0	Release 5.3
1995-60	GRAPHICS	POST1	SET	POWERGRAPHICS	SYSTEM		Rev. 5.2	Release 5.3
1995-59	SUBSPACE	RIGID					Rev. 5.0	Release 5.3
1995-58	GUI	BEAM44	REAL CONSTANTS				Rev. 5.1	Release 5.3
1995-57	BEAM24	ELEM24					Rev. 5.0	Release 5.3
1995-56	MODAL	DAMPED					Rev. 5.0	Release 5.3
1995-55 R1	POST1	ESEL	MULTIPLE SOLUTIO				Rev. 5.0	5.3 User Manual
1995-54	APDL	ARFACE	GET FUNCTION				Rev. 5.1	Rev. 5.2
1995-53	CORROSION THICK	ELEM16	ELEM17	ELEM18			Rev. 5.0	Rev. 5.2
1995-52	MESH	MIDSIDE NODES					Rev. 5.1	Rev. 5.2
1995-51	APDL	*VOPER	GATHER				Rev. 5.1	Rev. 5.2
1995-50	ELEM54	BEAM54	SHEAR STRESS				Rev. 5.0	Rev. 5.2
1995-49 R1	FLOTRAN	ELEM141	ELEM142				Rev. 5.1	Release 5.4
1995-48	APDL	ARNODE	GET FUNCTION				Rev. 5.1	Rev. 5.2
1995-47							ANSYS-Pro/ENGINEER 9501	ANSYS-Pro/ENGINEER 9526
1995-46	PSTRES	SSTIF	GUI				Rev. 5.0	Rev. 5.2
1995-45	PREP7	SOLID MODEL	ASUM	VSUM			Rev. 5.0	Rev. 5.2
1995-44	DOCU	APDL	CENTRX/Y/Z	ELEMENT CENTROID			Rev. 5.1	5.2 User Manual
1995-43	CONVECTIONS	ELEM19	ELEM22	ELEM67	ELEM69		Rev. 5.1	Rev. 5.2
1995-42	GUI	BFE	CURRENT DENSITY				Rev. 5.1	Rev. 5.2
1995-41	AUX12	RAD VIEW FACTORS	NON-HIDDEN METHO				Rev. 5.0	Release 5.3
1995-40	*GET	*VGET	ELEMENT	VOLUME	AREA		Rev. 5.0	Rev. 5.2
1995-39 R1	FLOTRAN	ELEM142	FLUID142				Rev. 5.1	Release 5.4
1995-38	FLOTRAN	FLUID141	ELEM141				Rev. 5.1	Rev. 5.2
1995-37 R1	FLOTRAN	FLUID142	ELEM142				Rev. 5.1	Release 5.4
1995-36	COUPLED NODES	PICKING	INTERACTIVE				Rev. 5.1	Rev. 5.2
1995-35	PCG SOLVER	LARGE STRAIN	CONSTRAINT EQUAT				Rev. 5.1	Rev. 5.2
1995-34	SHELL63	ELEM63	MEMBRANE APPLICA	REACTION FORCES			Rev. 5.0	Rev. 5.2
1995-33	PRO/ENGINEER	THERMAL STRESS	MULTI CONSTRAINT CASES				ANSYS-Pro/ENGINEER 9345	ANSYS-Pro/ENGINEER 9526
1995-32	POST1	RSYS	LOCAL	CS			Rev. 5.0	Rev. 5.2
1995-31	ENTITY RANGE	NEGATIVE INCREME	BOUND CONDITIONS				Rev. 5.1	Rev. 5.2
1995-30	GUI	MAGNETICS	POST1	MECH TORQUE			Rev. 5.1	Rev. 5.2
1995-29	ASUM	GSUM	KSUM	VSUM			Rev. 5.0	5.2 User Manual
1995-28	BFKDEL	NODAL BODY FORCE					Rev. 5.0	Rev. 5.2
1995-27	GUI	WINDOWS NT	DATA TABLES				Rev. 5.1	Rev. 5.1
1995-26	DL	DA	LINE SYMMETRY	AREA SYMMETRY			Rev. 4.3	Rev. 5.2
1995-25	ELEM8	ELEM10	LINK8	LINK10	MISC RECORDS		Rev. 5.1	Rev. 5.2
1995-24	POST1	LCOPER	TOP-DOWN SUBSTRU				Rev. 5.0	Rev. 5.2
1995-23	BFUNIF	TUNIF	LSSOLVE	LSWRITE	LSREAD	CDWRITE CDREAD	Rev. 5.0	Rev. 5.2
1995-22	GUI	REAL CONSTANTS	ELEM46	ELEM91	ELEM99		Rev. 5.1	Rev. 5.2
1995-21 R1	ELEM17	PIPE17	THERMAL LOAD	LARGE DEFLECTION	NEWTON-RAPHSON	BIRTH AND DEATH	Rev. 5.0	Rev. 5.2
1995-20	ELEM16,17,18	ELEM20,59,60	STRESS EXTREMES				Rev. 5.0	Rev. 5.2
1995-19	DAMPING	UNSYMMETRIC MATR	ELEM4	ELEM16	ELEM27		Rev. 4.2	Rev. 5.2
1995-18	ELEM106	VISCO106	CENTROID RESULTS				Rev. 5.0	Rev. 5.2
1995-17	BOOLEAN	CUT	SUBTRACT	LCTA	ACTA	VCTA	Rev. 5.0A	Rev. 5.2
1995-16	ELEM3	ELEM4	LARGE DEFLECTION				Rev. 2.0	Rev. 5.2
1995-15	LINK34	ELEM34	FILM COEFFICIENT	SFE			Rev. 5.0	Rev. 5.2
1995-14	ELEM34	ELEM71	TEMP-DEP MAT PRO				Rev. 5.0	Rev. 5.2

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1995-13 R1	MODAL	PRESTRESS	LARGE DEFLECTION	STRESS STIFFENIN	LARGE DEFLECTION	Rev. 5.0	Rev. 5.2	
1995-12	SPECTRUM	MODE COMBINATION	GROUPING METHOD			Rev. 5.0	Rev. 5.2	
1995-11	POST1	PRRSOL	CP			Rev. 5.0	Rev. 5.2	
1995-10 R1	SPECTRUM	PFACT	ROTATED NODES	COUPLED NODES	CONSTRAINT EQUAT	Rev. 5.0	Rev. 5.2	
1995-09	*GET	DAMPING	DMPRAT			Rev. 5.0	Rev. 5.2	
1995-08	PRO/ENGINEER	OPTIMIZATION	LOCAL DESIGN CONSTRAINTS			ANSYS-Pro/ENGINEER 9352	ANSYS-Pro/ENGINEER 9526	
1995-07 R2	PRO/ENGINEER INTERFACE	THERMAL STRESS	REFERENCE TEMPERATURE			ANSYS-Pro/ENGINEER 9345	ANSYS-Pro/ENGINEER 9738	
1995-06	MANUAL	*GET	VOLUME			Rev. 5.0	5.2 User Manual	
1995-05	DOCU	LOAD	NUMCMP	NUMMRG	MATERIAL	TEMP-DEPENDENT	Rev. 4.4	5.2 User Manual
1995-04	SURFACE STRESSES	SOLID45	SOLID62	SOLID95	MANUAL		Rev. 5.0	5.2 User Manual
1995-03	MESH	VOLUME	MIDSIDE NODES				Rev. 5.0	Rev. 5.2
1995-02	DOCU	SURF22	SOLID72	SOLID73	PRESSURE		Rev. 5.0	5.2 User Manual
1995-01	SBCELE	SBCLIST	EDGE PRESSURES	FLUENCES			Rev. 4.4	Rev. 5.2
1994-71	POST1	*GET	FSUM	PLANE13	SURF19	CONTAC48	Rev. 5.0	Rev. 5.2
1994-70	TRANSIENT	REDUCED	KAN,5	ACEL	ROTATED NODES		Rev. 5.0	Rev. 5.2
1994-69	MAT'L PROPERTIES	MP	MPDATA	REF TEMPERATURE	TEMP-DEPENDENT		Rev. 5.0	Rev. 5.2
1994-68 R2	BEAM44	ELEM44	STIFFNESS	RELEASES			Rev. 4.4	Rev. 5.2
1994-67	MAGNETICS	EMSYM					Rev. 5.0	Rev. 5.2
1994-66	HARMONIC	KAN,3		INERTIAL LOADS	FORCES		Rev. 4.0	Rev. 5.2
1994-65	ELEM55	PLANE55	MASS TRANSPORT				Rev. 5.0	Rev. 5.2
1994-64	SBCLIST	SFA	CONVECTION	PRESSURE			Rev. 5.0	Rev. 5.2
1994-63	APDL	*VWRITE	ARRAY PARAMETERS				Rev. 5.0A	Rev. 5.2
1994-62	SOLID MODEL BCs	DL	LINE	AREA			Rev. 5.0	Rev. 5.2
1994-61	APDL	COMMENTS IN-LINE					Rev. 5.0	Rev. 5.1
1994-60	AUX1	BCDCNV/BINCNV	STIF64	POST1	NL-MATERIALS		Rev. 4.4	N/A **
1994-59	LSWRITE	LOADS	SELECTED MODEL				Rev. 5.0	5.1 User Manual
1994-58	SOLID MODEL	BFKDELE					Rev. 5.0	Rev. 5.2
1994-57	FLUID66	ELEM66	POST1	ETABLE	CONVECTION		Rev. 5.0	Rev. 5.2
1994-56	SFBEAM	END LOADS	BEAM3 BEAM4	BEAM44 BEAM54	ELEM3 ELEM4	ELEM44 ELEM54	Rev. 5.0	Rev. 5.2
1994-55	POST1	ETABLE	PDFE				Rev. 5.0	Rev. 5.2
1994-54	SUBSTRUCTURE	ELEM50	ACCELERATION	ROTATED NODES	MASS MATRIX		Rev. 5.0	Rev. 5.1
1994-53	SPECTRUM	PSD	ELEM50	SUPERELEMENT	EXPANSION		Rev. 5.0	Rev. 5.1
1994-52 R1	POST1	SET	KAN=3,6				Rev. 4.4	Rev. 5.0
1994-51	ELEM98	SOLID98	STRUCTURAL DOF	NON-NEWTON RAPHs			Rev. 5.0	Rev. 5.1
1994-50	ELEM5,96,98	SOLID5,96,98	MAGOPT				Rev. 5.0	Rev. 5.1
1994-49	POST1	FATIGUE	FL	STRES CON FACTOR			Rev. 4.2	5.1 User Manual
1994-48	AMESH	EDELE	CDWRITE				Rev. 5.0	Rev. 5.1
1994-47	SOLID	NODES	ROTATE				Rev. 5.0	Rev. 5.1
1994-46	DOCU	ETEXP	ELEM2	ELEM17	ELEM20	ELEM61,92	Rev. 5.0	Rev. 5.1
1994-45	POST1	AVPRIN	PLESOL	PRINCIPAL STRESS	PRNSOL		Rev. 5.0	Rev. 5.1
1994-44	PLASTICITY	CREEP	POSTPROCESSING	TOTAL STRAINS	/EXIT		Rev. 5.0	Rev. 5.1
1994-43	PREP7	SAVE	RESUME	ESTIF	EKILL		Rev. 5.0	Rev. 5.1
1994-42	ELEM50	SUBSTRUCTURES	USE PASS	SETRAN	NOE ROTATIONS		Rev. 5.0	Rev. 5.1
1994-41 R1	ELEM16,17,18,59	PIPE16,17,18,59	TEMP-DEP PROPERT	TREF	ITERATIVE ANAL		Rev. 5.0	Rev. 5.1
1994-40	NLGEOM	ELEM43,91,93	SHELL43,91,93	LARGE DEFLECTION	TRANS PRESS LOAD		Rev. 5.0	Rev. 5.1
1994-39	HARMIC	DAMPING	MODE SUPERPOSITI	DMPRAT			Rev. 5.0	5.1 User Manual
1994-38	THERMAL ANALYSIS	CONVECTION	TEMP-DEPENDENT				Rev. 5.0	Rev. 5.1
1994-37	PREP7	CDWRITE	LOADS	BIRTH/DEATH	MISSING DATA		Rev. 5.0	Rev. 5.1
1994-36 R1	SUBSTR	ROTATIONAL INERT	OMEGA LOAD	USE PASS			Rev. 5.0	Rev. 5.1
1994-35	THERMAL	TRANSIENT	AUTO TIME STEP	BISECTION			Rev. 5.0	Rev. 5.1
1994-34	PRESTRESS HARMON	TEMPERATURE LOAD	INITIAL STRAIN				Rev. 5.0	Rev. 5.1
1994-33	/PREP7						Rev. 5.0	Rev. 5.1
1994-32	PREP7	*GET	LSUM	ASUM	VSUM	SELECT	Rev. 5.0	Rev. 5.1
1994-31	MISC	LOG FILE	INTERACTIVE				Rev. 5.0	Rev. 5.1
1994-30	HYPERELASTICITY	ELEM56	ELEM58	ELEM74	HYPER56,58,74		Rev. 5.0	Rev. 5.1
1994-29	PREP7	PIPE18	BEND	BFUNIF			Rev. 5.0	Rev. 5.1
1994-28	SUBSPACE	RIGID	SOLUTION	MODAL	NROTAT		Rev. 5.0	Rev. 5.1
1994-27	MESH	TETRAHEDRA	MIDSIDE NODES				Rev. 5.0A	Rev. 5.1
1994-26	ELEM50	CONSTRAINTS	SUBSTRUCTURES				Rev. 5.0	Rev. 5.1
1994-25	FRACT MECHANICS	CBDOF	BFINT	CEINTF	PATH OPERATIONS		Rev. 4.2	Rev. 5.1
1994-24	MESH	LOAD	SFL	DL			Rev. 5.0	Rev. 5.1

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1994-23	PRO/ENGINEER INTERFACE	OPTIMIZATION	VOLUME	AXISYMMETRIC			ANSYS-Pro/ENGINEER 5.0	ANSYS-Pro/ENGINEER 9422
1994-22	ELEM10	LINK10	LUMPM				Rev. 5.0	Rev. 5.1
1994-21	ELEM93	SHELL93	CONJUGATE GRAD	SUBSPACE			Rev. 5.0	Rev. 5.1
1994-20	POST1	RESUME	RSYS	ESYS			Rev. 5.0	Rev. 5.1
1994-19	PREP7	MPDATA	MPTEMP				Rev. 5.0	Rev. 5.1
1994-18	FLUID29	FLUID30	ELEM29	ELEM30	ACOUSTICS	DYNAMICS	Rev. 5.0A	Rev. 5.1
1994-17	PIPEXX	ETABLE	LOAD	TEMPERATURE	FLUENCES		Rev. 5.0	5.0 User Manual
1994-16	ELEM50	SUBSTRUCTURES	USE PASS	POST1	FORCES		Rev. 5.0	Rev. 5.1
1994-15	APDL	*VEDIT	LOG FILE				Rev. 5.0	Rev. 5.1
1994-14	SOLID	MESH					Rev. 5.0	Rev. 5.1
1994-13	VISCO	ELEM106	ELEM107	ELEM108			Rev. 5.0	5.0 User Manual
1994-12	SOLUTION	MULTI-FIELD	REDUCED				Rev. 4.0	Rev. 5.1
1994-11	PSTRES,ON	STRESS STIFFENIN					Rev. 5.0	Rev. 5.1
1994-10	TRANSIENT	PREDICTOR	LINE SEARCH				Rev. 5.0	Rev. 5.1
1994-09	COMBIN14	NONLINEAR DAMPER					Rev. 5.0	Rev. 5.1
1994-08	ELEM91	SHELL91	BFE	TEMPERATURES			Rev. 5.0	Rev. 5.1
1994-07	MANUAL	MASS71	ELEMENTS				Rev. 5.0	5.0 User Manual
1994-06	POST1	DESOL	SHELL,43,91,93				Rev. 5.0	Rev. 5.1
1994-05	DAMP EIGENVALUE	MODAL ANALYSIS					Rev. 5.0	Rev. 5.1
1994-04	PICK	ASEL	KSEL	LSEL	VSEL	NSEL ESEL	Rev. 5.0	Rev. 5.1
1994-03	ELEM51	ELEM61	SHELL51	SHELL61			Rev. 2.0	Rev. 5.1
1994-02	ALLSEL	CONDENSED INPUT					Rev. 5.0	Rev. 5.1
1994-01 R1	APDL	CHAR. PARAMETERS	SYSTEM	*IF	PC		Rev. 5.0A	Rev. 5.1
1993-111	PROCEDURE MANUAL	MODAL	DAMPING	MATERIAL			Rev. 5.0	5.0 User Manual
1993-110 R1	SHELL63	ELEM63	WARPED ELEMENT	THERMAL LOAD			Rev. 3.0	Rev. 5.1
1993-109	LSWRITE	CECMOD	LSSOLVE				Rev. 5.0	Rev. 5.1
1993-108	PIEZOELECTRIC	ELEM5	ELEM98	ELEM13			Rev. 4.2	Rev. 5.1
1993-107	HYPER84	HYPER86	ELEM84	ELEM86	STRAINS	THEORY MANUAL	Rev. 5.0	5.0 User Manual
1993-106 R	ELEM13	PLANE13	PIEZOELECTRIC	PLANE STRESS			Rev. 4.4A	Rev. 5.1
1993-105 R	POST1	LCWRITE	LCFILE	LCASE			Rev. 5.0	Rev. 5.1
1993-104	SOLUTION	ANTYPE,HARMIC	FULL HARMONIC	RAMPED B.C.			Rev. 5.0	Rev. 5.1
1993-103	APDL	PARSAV	TABLE	PARRES			Rev. 5.0	Rev. 5.1
1993-102 R	GP	NODE	COMPRESS	MERGE	OFFSET		Rev. 4.4	Rev. 5.1
1993-101	POST1	LCDEF	LCFILE	WSORT	WAVES		Rev. 5.0	Rev. 5.1
1993-100	ELEM50	MATRIX50	SUBSTRUCTURES	TEMP-DEP MAT'LS			Rev. 5.0	Rev. 5.1
1993-99	COMBIN37	ELEM37	ETABLE				Rev. 5.0	Rev. 5.1
1993-98	NUMMRG	SOLID BC					Rev. 5.0	Rev. 5.1
1993-97	ATTRIBUTES	EGEN	ESYM	PROC MANUAL			Rev. 5.0	5.0 User Manual
1993-96	POST26	STORE,ALLOC	STORE,MERGE				Rev. 5.0	Rev. 5.1
1993-95	INERTIA RELIEF	STRUCT	SOLN	IRLF			Rev. 5.0	Rev. 5.1
1993-94	PREP7	ENORM	EN				Rev. 5.0	Rev. 5.0A
1993-93	ELEM90	SOLID90	ELEM95	SOLID95	CEINTF		Rev. 5.0	Rev. 5.1
1993-92	LOCAL COORD SYST	*GET	CDWRITE	CS	CSKP	ANGLES	Rev. 5.0	Rev. 5.1
1993-91	MAGNETICS	PLANE53	BF/BFE/BFK	PHASE	VOLT-MAG OPTION		Rev. 5.0	Rev. 5.1
1993-90	SOLUTION	SUBSTRUCTURES	SESYMM	ELEM50			Rev. 5.0	Rev. 5.1
1993-89	ELEM41	SHELL41	WRINKLE OPTION				Rev. 4.0	Rev. 5.1
1993-88	ELEM91	SHELL91	NONLINEAR MAT'L				Rev. 5.0	Rev. 5.1
1993-87	SOLID	KMODIF	ATTRIBUTES				Rev. 5.0	Rev. 5.1
1993-86	FLUID	FLOTRAN	AXISYMMETRIC	FLWRITE			Rev. 5.0	Rev. 5.1
1993-85	SET	POST1	MANUAL				Rev. 5.0	5.0 User Manual
1993-84	MATRIX50	TRANSIENT	DAMPING	NONZERO DOF			Rev. 5.0	Rev. 5.1
1993-83	FLUID66	ELEM66	CONVECTION				Rev. 2.0	Rev. 5.1
1993-82	LDREAD	REACTION FORCES					Rev. 5.0A	Rev. 5.1
1993-81	ESYS	AXISYMMETRIC EL	MANUAL				Rev. 4.4	5.0 User Manual
1993-80	PIPE16	PIPE17	PIPE59	STRESS STIFFENIN	THERMAL LOAD		Rev. 5.0	Rev. 5.1
1993-79	FLUID38	ELEM38	DAMPING				Rev. 2.0	Rev. 5.1
1993-78	PICKING	*DO	DOCUMENTATION	/BATCH			Rev. 5.0	Rev. 5.0A
1993-77	SPECTRUM	PSD	MPRS				Rev. 5.0	Rev. 5.1
1993-76	SPECTRUM	PSD	BASE EXCITATIONM	MPRS	MDAMP		Rev. 5.0	Rev. 5.1
1993-75	SPECTRUM	MCOMB,GRP					Rev. 5.0	Rev. 5.1
1993-74	SHELL57	ELEM57	POST1	RSYS			Rev. 5.0	Rev. 5.1
1993-73	ELEM50	SUBSTRUCTURE	LARGE DEFLECTION	EXPANSION PASS			Rev. 5.0	Rev. 5.0A
1993-72	*GET	ELEM	AREA	VOLU	PARAMETERS		Rev. 5.0	Rev. 5.0A
1993-71	PIPE59	INITIAL STRAIN	CABLE OPTION				Rev. 5.0	Rev. 5.1

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1993-70	PLANE13	ELEM13	ERESX	THERMAL STRAINS			Rev. 5.0	Rev. 5.0A
1993-69	ELEM21	MASS21	ACEL	NODAL LOADS	REACTION LOADS		Rev. 5.0	Rev. 5.0A
1993-68	ELEM15	ELEM67	ELEM69	NODAL LOADS	REACTION LOADS	SYSTEM	Rev. 5.0	Rev. 5.0A
1993-67	NSEL,,EXT	SF	VMESH				Rev. 5.0	Rev. 5.1
1993-66	LSSOLVE	LOADS	xCUM	SFFUN			Rev. 5.0	Rev. 5.0A
1993-65	SOLID MODEL	BODY FORCES	BFKDEL,,HGEN				Rev. 5.0	Rev. 5.0A
1993-64 R1	SOLID	BOOLEANS	NUMBERING	LINE/AREA ORIENT	OPTIMIZATION		Rev. 5.0	Rev. 5.0A
1993-63	POST1	INTSRF	FLUID	AXISYMMETRIC			Rev. 5.0	Rev. 5.0A
1993-62	FLOTTRAN RUN DATA	CONTROL PANEL	FLUID PROPERTIES				Rev. 5.0	Rev. 5.0A
1993-61	CPINTF	COUPLING	PREP7				Rev. 5.0	Rev. 5.0A
1993-60	SOLID96	ELEM96	RESTRICTIONS	CMVP FORMULATION			Rev. 5.0	5.0 User Manual
1993-59	PIPE59	ELEM59	SHEAR STRESS				Rev. 3.0	Rev. 5.0A
1993-58	REACTION SOLUTIO	NODAL LOADS	SYSTEM				Rev. 5.0A	Rev. 5.0A
1993-57	POST1	NSORT	PRRSOL	PRNLD			Rev. 5.0A	Rev. 5.0A
1993-56	SPECTRUM	PSD	LARGE MODELS				Rev. 5.0	Rev. 5.0A
1993-55	BEAM44	POST1	ETABLE	SMISC	DOCU	MANUAL	Rev. 5.0	5.0 User Manual
1993-54	SHELLxx	ETABLE	NMISC	DOCU	MANUAL		Rev. 5.0	5.0 User Manual
1993-53	DESIGN OPT	ABBREVIATIONS	*ABBR				Rev. 5.0	5.0 User Manual
1993-52	SURF19	SURF22	FOUNDATION STIF				Rev. 5.0	Rev. 5.1
1993-51	ELEM50	SUBSTRUCTURE	LOAD VECTORS	SFE			Rev. 5.0	Rev. 5.0A
1993-50	INFIN47	ELEM47	CGS	ENERGY	MAGOPT		Rev. 5.0	Rev. 5.0A
1993-49	LOAD	HEAT FLUX	SFL	SFLDELE			Rev. 5.0	Rev. 5.0A
1993-48	EMUNIT,CGS	*GET	*VGET				Rev. 5.0	Rev. 5.0A
1993-47	MAGNETICS	LDREAD	JS				Rev. 5.0	Rev. 5.0A
1993-46	REV4,ON	MASS71	ELEM71				Rev. 5.0	Rev. 5.0A
1993-45 R2	SELECT	SF	NSEL,EXT				Rev. 5.0	Rev. 5.0A
1993-44	MOVED NODES	LOADS	SOLID MODELING				Rev. 5.0	Rev. 5.0A
1993-43	TB	TBEDIT	MISO	BH	WATER		Rev. 5.0	Rev. 5.0A
1993-42	POST1	STIF99	GLOBAL	LAYER	STRESSES		Rev. 4.3	Rev. 5.0
1993-41	CREEP	SWELLING	NODAL TEMPERATUR				Rev. 4.0	Rev. 4.4B
1993-40	SPECTRUM	DDAM					Rev. 5.0	Rev. 5.0A
1993-39	SOLID	KEYPOINT	COMPONENT	NUMMRG			Rev. 5.0	Rev. 5.0A
1993-38	SPECTRUM	PSD	MPRS				Rev. 5.0	Rev. 5.0A
1993-37	APDL	*ELSE	MANUAL	COMMANDS			Rev. 5.0	5.0 User Manual
1993-36	ELEM65	ETABLE	NMISC	DOCU	MANUAL		Rev. 5.0	5.0 User Manual
1993-35	LDREAD	REACTIONS					Rev. 5.0	Rev. 5.0A
1993-34	MESH	LCCAT	ACLEAR	SFLDEL	SBCDEL		Rev. 5.0	Rev. 5.0A
1993-33 R1	SHELL41	ELEM41	CLOTH OPTION				Rev. 4.0	Rev. 5.0A
1993-32	PIPE20	ELEM20	NONLINEAR				Rev. 4.4	Rev. 5.0A
1993-31	SUBSTRUCTURES	KBC	AUTOTS	SFE			Rev. 5.0	Rev. 5.0A
1993-30	SOLID	BOUNDARY COND	REDUCED DYNAMIC	MODE SUPERPOSN			Rev. 5.0	Rev. 5.0A
1993-29	VDRAG	SOLID					Rev. 5.0	Rev. 5.0A
1993-28	CDWRITE	AREAS	ATTRIBUTES				Rev. 5.0	Rev. 5.0A
1993-27	LSEL	ASEL	VSEL	KSWEEP			Rev. 5.0	Rev. 5.0A
1993-26	FOUNDATION STIFF	NONLINEAR	SHELL41,63,99	BEAM44,54			Rev. 4.4	Rev. 5.0A
1993-25	SHELL63	ELEM63	MEMBRANE OPTION	LARGE DEFLECTIO			Rev. 5.0	Rev. 5.0A
1993-24	TRANSIENT	INERTIAL FORCES	REACTIONS				Rev. 5.0	Rev. 5.0A
1993-23	ASUM	VSUM	SOLID				Rev. 5.0	Rev. 5.0A
1993-22 R1	SPECTRUM	SPOPT,MPRS	PSDUNIT,,ACCG				Rev. 5.0	Rev. 5.0A
1993-21	SPECTRUM	PSD	DAMPING				Rev. 5.0	Rev. 5.0A
1993-20	PREP7	NUMCMP	ETYPE				Rev. 5.0	Rev. 5.0A
1993-19	CDWRITE	MAGNETICS	EMUNIT				Rev. 5.0	Rev. 5.0A
1993-18	APDL	*SET	ARGx				Rev. 5.0	Rev. 5.0A
1993-17	MESH	LCCAT	AMESH	VMESH			Rev. 5.0	Rev. 5.0A
1993-16 R1	SETRAN	ELEM50	SUPERELEMENT	USE PASS			Rev. 5.0	Rev. 5.0A
1993-15	APDL	RESUME	NOPAR=1	MANUAL	COMMANDS		Rev. 5.0	5.0 User Manual
1993-14	APDL	MANUAL	COMMANDS	*VPUT			Rev. 5.0	5.0 User Manual
1993-13	MESH	LSSOLVE	SOLID MODEL BC				Rev. 5.0	Rev. 5.0A
1993-12	PREP7	MIDSIDE NODES	E	EN	NDELE		Rev. 5.0	Rev. 5.0A
1993-11	PREP7	PIPING	MITER	BEND			Rev. 4.2	Rev. 5.0A
1993-10	ELEM95	SOLID95	SURFACE STRESSES	NLGEOM	SYSTEM		Rev. 5.0	Rev. 5.0A
1993-09	SFEDELE	CONV	HFLUX	LKEY			Rev. 5.0	Rev. 5.0A
1993-08	ELEM88	STIF88	ESYS				Rev. 4.4A	Rev. 5.0
1993-07	ANTYPE,HARMIC	HROPT,FULL	CONSTRAINT EQNS				Rev. 5.0	Rev. 5.0A
1993-06	APDL	*VMASK	*VWRITE				Rev. 5.0	Rev. 5.0A
1993-05	ELEM59	PIPE59	REYNOLD'S NUMBER	DRAG COEFFICIENT			Rev. 3.0	Rev. 5.0A
1993-04	SOLUTION	ALT RESTART	NEWTON-RAPHSON	SPECIFIED DISP	DROP MIDSIDE NOD		Rev. 4.3	Rev. 5.0

ERROR NUMBER	KEYWORDS						FIRST INCORRECT RELEASE	CORRECTED RELEASE
1993-03 R1	KAN,-1	CONVECTION	TBULK				Rev. 4.0	Rev. 5.0
1993-02	SURF19	ELEM19	EXPANSION PASS	SCALED LOADS			Rev. 5.0	Rev. 5.0A
1993-01	ELEM39	COMBIN39					Rev. 4.4	Rev. 5.0A
1992-51	STIF15	HEAT GENERATION	LUMPED SPEC HEAT				Rev. 4.4	Rev. 5.0A
1992-50	SOLID MODEL	APSF	ACVSF				Rev. 4.3	Rev. 5.0
1992-49	PREP7	N	CE	CESIZE			Rev. 4.4	Rev. 4.4B
1992-48	AUX15	NASTRAN					Rev. 4.3	Not Applicable
1992-47	STIF13	TRANSIENT	PRINT	POST			Rev. 4.4	Rev. 4.4B
1992-46	PLASTICITY	EXTRA SHAPES	PERFECTLY PLASTI	STIF42	STIF43	STIF45,65	Rev. 4.3	Rev. 5.0
1992-45	STIF41	STIF63	STIF99	STRAIN ENERGY	FOUNDATION STIF		Rev. 2.0	4.4 Theory Manual
1992-44	STIF67	CLOCKWISE NUMBER					Rev. 3.0	Rev. 4.4B
1992-43	STIF41	POSTDATA					Rev. 4.4	Rev. 4.4B
1992-42	STIF83	STIF98	NEWTON RAPHSON	DROP MIDSIDE NOD			Rev. 4.4	Rev. 5.0
1992-41	KAN,6	PIEZOELECTRIC	DMPRAT	STIF5	STIF98		Rev. 4.3	5.0 User Manual
1992-40	STIF46						Rev. 4.4	Rev. 4.4B
1992-39	POST1	STIF69	STRESS				Rev. 4.3	Rev. 4.4B
1992-38	STIF43	TUNIF	RAMPED LOAD				Rev. 4.4	Rev. 4.4B
1992-37	STIF45	FLUENCE	CREEP	SWELLING			Rev. 4.2	Rev. 5.0
1992-36	MESH	NUMCMP	VOLUMES				Rev. 4.4A	Rev. 4.4B
1992-35	*GET	ESEL					Rev. 4.4A	Rev. 4.4B
1992-34	STIF39						Rev. 4.4	Rev. 4.4B
1992-33	STIF16	STIF17	STIF18	STIF59	STRAIN ENERGY	KSE	Rev. 4.4	4.4 User Manual
1992-32	AUX1	CBDSP	SHELL-to-SOLID	SUBMODELING			Rev. 4.2	Rev. 4.4B
1992-31	STIF50	EPDELE	USE PASS				Rev. 4.0	Rev. 4.4B
1992-30	POST1	PATH OPERATIONS	HIGHER ORDER EL				Rev. 4.2	Rev. 5.0
1992-29	ENERGY	STIF25	STIF61	STIF81	STIF83		Rev. 4.4	Rev. 4.4B
1992-28	CREEP	SHEAR STRESS	MULTIAXIAL STRES				Rev. 2.0	Rev. 4.4B
1992-27	MESH	KD	KT	KNT	SBCTRA		Rev. 4.3	Rev. 5.0
1992-26 R1	MATERIAL PROPS	ORTHOTROPIC	SHEAR MODULUS				Rev. 2.0	Rev. 4.4B
1992-25 R1	STIF18	STIF29	STIF60	PRESSURE FLEX			Rev. 2.0	Rev. 5.0
1992-24	SURFACE STRESSES	STIF2,42,45	STIF82,92,95	PRESTRESSD MODAL	LARGE DEFLECTION		Rev. 4.4	Rev. 5.0
1992-23 R1	STIF61	MXZ					Rev. 4.4	Rev. 4.4B
1992-22	POST26	NFORCE	STIF18				Rev. 4.2	Rev. 4.4B
1992-21	STIF65	THERMAL LOADING					Rev. 4.4	Rev. 4.4B
1992-20	STIF20	STIF60	SHEAR				Rev. 2.0	Rev. 4.4B
1992-19	STIF51	STIF61	PRESSURES				Rev. 2.0	Rev. 5.0
1992-18	POST1	PRPATH	PLPATH	PDEF	STRESS		Rev. 4.2	Rev. 5.0
1992-17	STIF16	PIPING MODULE	RCON				Rev. 4.2	Rev. 4.4B
1992-16	STRESS STIFFENIN	STRAIN ENERGY					Rev. 4.4A	Rev. 4.4B
1992-15	STIF6	PRESSURES					Rev. 4.4	Rev. 5.0
1992-14	STIF51	LARGE DEFLECTION					Rev. 4.0	Rev. 4.4B
1992-13	POST1	PRVECT	PLVECT				Rev. 4.3	Rev. 4.4B
1992-12	POST1	TOROIDAL C.S.	DISPLACEMENT	STRESSES			Rev. 4.4	Rev. 4.4B
1992-11	STIF75	STIF78	THERMAL GRADIENT	THERMAL FLUX			Rev. 4.3	Rev. 4.4B
1992-10	MESH	AROTAT					Rev. 4.2	Rev. 5.0
1992-09	/GEOM	/DATA	GAP ELEMENTS				Rev. 4.2	Rev. 4.4B
1992-08	STIF95	SURFACE OUTPUT	TRIANGULAR FACE				Rev. 4.4	Rev. 5.0
1992-07	STIF70	STIF69	VOLUME				Rev. 3.0	Rev. 4.4B
1992-06 R1	KAN,2	SPECTRUM	FREQ	AFWRITE			Rev. 4.0	Rev. 5.0
1992-05	TEMP DEPENDENT	MATERIAL PROPS	STRESSES	FORCES			Rev. 4.3	Rev. 5.0
1992-04	ESEL	PICKING	POST1				Rev. 4.2	Rev. 4.4B
1992-03	STIF54	UNSYMMETRIC	TEMPERATURES				Rev. 2.0	Rev. 4.4B
1992-02	STIF12	STIF52					Rev. 4.4	Rev. 5.0
1992-01	STIF17	FLEX FACTOR					Rev. 4.2	Rev. 4.4B
1991-43	POST1	ESTIMATED BOUNDS	COORDINATE SYS				Rev. 4.4A	Rev. 5.0
1991-42	POST1	REAL CONSTANTS	LCASE	DREAL	*GET		Rev. 4.4A	Rev. 4.4B
1991-41	PREP7	PICKING	D	NT	FILE18		Rev. 4.4A	Rev. 4.4B
1991-40	POST26	PSD	PSDTYP				Rev. 4.0	Rev. 4.4B
1991-39	STIF95	SURFACE STRESSES					Rev. 4.4	Rev. 4.4B
1991-38	MDOF	/FREQ	/BUCKLE	/LNTRAN	/HARMIC	/SUBSTR	Rev. 4.0	Rev. 4.4B
1991-37	KAN,5	/STRESS	POST26				Rev. 4.0	Rev. 4.4B
1991-36	STIF46	STIF99	STRESS STIFFEN	USER MAT'L MATRI			Rev. 4.3	Rev. 4.4B
1991-35	ASUM	VSUM	*GET				Rev. 4.4A	Rev. 4.4B
1991-34	POST27	WRITE	STIF2	STIF5	STIF92	STIF98	Rev. 4.2	Rev. 5.0
1991-33 R1	STIF44	TORSION	TAPER				Rev. 2.0	Rev. 5.0
1991-32	POST27	WRITE	STIF18				Rev. 4.2	Rev. 4.4B

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1991-31 R1	POST26	ESTR	DISP	POSTR	*GET	Rev. 4.0	Rev. 5.0
1991-30 R1	SYSTEM	PIVOT	CONVEX	FPS	CRAY	Rev. 4.4	Rev. 4.4B
1991-29	SUBSTRUCTURE	STIF46	STIF91	STIF99		Rev. 4.4	Rev. 4.4B
1991-28	PREP6	NTABLE				Rev. 2.0	Rev. 4.4B
1991-27	MESH	VMESH	/INTER			Rev. 4.4	Rev. 4.4B
1991-26 R1	KAN,2	DAMP	EFFEC DAMP RATIO			Rev. 4.0	Rev. 4.4B
1991-25	SOLID MODEL	LINE ELEMENTS	AREA GENERATION			Rev. 4.4	Rev. 4.4B
1991-24	POST1	DESTR	PLNSTR			Rev. 4.4A	Rev. 5.0
1991-23 R1	PARTICIPAT FACT	MODE COEFFICIENT	SPECTRUM	REDUCED MODAL	KAN,2	Rev. 4.2	Rev. 4.4B
1991-22	POST1	SAVE	RESUME	ESYS	GLOBAL	Rev. 4.4	Rev. 5.0
1991-21	STIF44	STRESS STIFFEN	STIFFNESS RELEAS			Rev. 4.0	Rev. 4.4B
1991-20	POST1	ELEMENT DATA	POSTR			Rev. 4.2	Rev. 4.4B
1991-19	AUX7	MODAL CYCLIC SYM	DISPLACEMENTS			Rev. 4.0	Rev. 4.4B
1991-18	STIF5	STIF13	STIF97	STIF98	MAGNETIC FORCES	Rev. 4.3	Rev. 4.4B
1991-17	STIF5	STIF98	NEWTON-RAPHSON	VOLT		Rev. 4.3	Rev. 4.4B
1991-16	APOLLO	STIF43	STIF73	STIF7		Rev. 4.4A	Rev. 4.4B
1991-15	PREP7	PICKING	FILE18			Rev. 4.4A	Rev. 4.4B
1991-14	*COMMANDS	PARAMETERS				Rev. 4.2	Rev. 4.4B
1991-13	KAN,5	/LNTRAN	GP			Rev. 4.0	Rev. 4.3
1991-12	PREP7	SOLID MODEL BC	SLOAD	AFWRITE		Rev. 4.4	Rev. 4.4B
1991-11	STIF84	POST1	NFORCE	FSUM	SPOINT	Rev. 4.3	Rev. 4.4B
1991-10	STIF44	STIF54	FOUNDATION STIF	OFFSETS		Rev. 4.0	Rev. 4.4B
1991-09	POST1	DADD	ORIENTATION NODE			Rev. 4.2	Rev. 4.4B
1991-08	STIF25	STIF83	SURFACE STRESSES	POSTDATA ITEMS	PRINTOUT SUPPRES	Rev. 4.4	Rev. 4.4B
1991-07	VMESH	*GET	TETRAHED MESHING			Rev. 4.4	Rev. 4.4B
1991-06	SYSTEM DEPENDENT	INTERGRAPH	/ZOOM	FILE18		Rev. 4.4	Rev. 4.4A
1991-05	*COMMANDS	*CFWRITE	PARAMETERS	EXPONENTS		Rev. 4.4A	Rev. 4.4B
1991-04	AUX1	SUBMODELING	CBDSP	TMPINT	DROP MIDSIDE NOD	Rev. 4.2	Rev. 4.4B
1991-03 R1	PREP7	SOLID MODEL BCs		APSF	ACVSF	Rev. 4.3	Rev. 4.4B
1991-02	PARAMETRIC INPUT					Rev. 4.4A	Rev. 4.4B
1991-01	AUX1	SUBMODELING	TMPINT	STIF98		Rev. 4.2	Rev. 4.4B
1990-59	PREP7	FILE16	RESUME	SYSTEM DEPENDENT		Rev. 4.4	Rev. 4.4B
1990-58	AUX6	CYCLIC SYMMETRY	RIGID BODY MODES	MDOF		Rev. 4.0	4.4 User Manual 7th printing
1990-57	/DATA	MP				Rev. 4.4	Rev. 4.4B
1990-56	POST26	PSDCAL	PSDDAT			Rev. 4.4A	Rev. 4.4B
1990-55	PIEZOLECTRIC	STIF5	STIF98	KUSE	NEWTON-RAPHSON	Rev. 4.3	Rev. 4.4B
1990-54	STIF44	SHEAR OFFSET				Rev. 4.4	Rev. 4.4B
1990-53	LARGE DEFLECTION	NEWTON-RAPHSON	DOCUMENTATION			Rev. 4.4	4.4 User Manual 6th Printing
1990-52 R1	RESTART	COUPLING	CONSTRAINT EQNS	NEWTON-RAPHSON		Rev. 4.3	Rev. 5.0
1990-51	PREP7	CDWRITE	NODAL TEMPS	NODAL HEAT GEN		Rev. 4.0	Rev. 4.4B
1990-50	KAN,7	STRESS PASS	STIF46,91,99	TEMPERATURES		Rev. 4.2	Rev. 4.4B
1990-49	STIF46	STRESS STIFFEN				Rev. 4.4	Rev. 4.4B
1990-48	STIF46	UNSYM LAYUP	NON-PARALLELEPIP			Rev. 4.4	Rev. 4.4B
1990-47	PREP7	PICKING	SELECT	REORDERING		Rev. 4.4A	Rev. 4.4B
1990-46	*UFILE	INDENTED INPUT	*USE			Rev. 4.4A	Rev. 4.4B
1990-45 R1	STIF4	STIF24	SHEAR DEFLECTION			Rev. 4.4	Rev. 4.4B
1990-44	STIF13	CURRENT DENSITY	MAGNETICS	TRANSIENT	SKIN EFFECT	Rev. 4.4	Rev. 4.4B
1990-43	KAN,5	/LNTRAN	ACEL	KBC,1	VIRTUAL SOLVER	Rev. 4.4A	Rev. 4.4B
1990-42	POST1	PRERR	ERROR NORMS	LCASE		Rev. 4.4A	Rev. 5.0
1990-41	STIF99	TRIANGLE	POSTDATA			Rev. 4.3	Rev. 5.0
1990-40	STIF63	ELEMENT LOADS	WARPED ELEMENT			Rev. 4.4	Rev. 4.4B
1990-39	SURFACE STRESS	THERMAL LOAD	ELEM COORD SYS	STIFX		Rev. 4.4	Rev. 4.4B
1990-38	EXTERNAL FILES	/FDELE	SUBSTRUCTURES			Rev. 4.4	Rev. 4.4A
1990-37	SYSTEM DEPENDENT	386 VERSION	MENU	MEM PROT FAULT		Rev. 4.4	Rev. 4.4A
1990-36	STIF59	PRINTOUT	SYSTEM DEPENDENT			Rev. 4.4	Rev. 4.4B
1990-35	NONSTD APPLICAT	USER'S MANUAL				Rev. 4.3	4.4 User Manual
1990-34	SYSTEM-DEPENDENT	386 VERSION	FILE18	FILE19	APPEND	Rev. 4.4	Rev. 4.4A
1990-33	POST1	*GET	FSUM	SPOINT		Rev. 4.2	Rev. 4.4B
1990-32 R1	STIF50	SUBSTRUCTURE	STRESS PASS	ACEL		Rev. 4.3A	Rev. 4.4B
1990-31	PREP7	REORDER	CHECK	MIDSIDE NODES		Rev. 4.4	Rev. 4.4B
1990-30	STIF25	STIF83	NEWTON-RAPHSON			Rev. 4.4	Rev. 4.4B
1990-29	POST1	DESTR	DEFOR			Rev. 4.4A	Rev. 4.4B
1990-28	PREP7	CEINTF	CONSTRAINT EQNS			Rev. 4.4	Rev. 4.4B
1990-27	4.4 NEW FEATURES	LIMITATIONS	ERRORS			Rev. 4.4	Rev. 4.4A

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1990-26	STIF78	TEMP DEPENDENT	FILM COEFFICIENT				Rev. 4.0	Rev. 4.4B	
1990-25	POST1	PRSTRS	*GET	LCASE		ADTL STRESS ITE	Rev. 4.4	Rev. 4.4A	
1990-24 R1	POST1	PRESTR	PRVECT			DISCONT ELEM NUM	Rev. 4.4	Rev. 4.4A	
1990-23	STIF14	DAMPING	NONLINEAR	KAN,4			Rev. 4.4	Rev. 4.4A	
1990-22 R1	POST26	PSDCAL	PSDDAT				Rev. 4.1	Rev. 4.4A	
1990-21 R1	STIF50	/STRESS	KAN,5	KAN,6			Rev. 4.4	Rev. 5.0	
1990-20	EXTRAPOLATION	INTERPOLATION	KAY,3				Rev. 4.3	Rev. 4.4A	
1990-19	RESTART	/FREQ	/BUCKLE	/LNTRAN		/HARMIC	Rev. 4.0	Rev. 4.4A	
1990-18	KAN,3	PRESSURE	TEMPERATURE				Rev. 4.3	Rev. 4.4A	
1990-17 R1	MESH	SYMMETRY BC	LSBC	LABC			Rev. 4.3	Rev. 4.4A	
1990-16	STIF40	KAN,-1	STEADY STATE				Rev. 4.4	Rev. 4.4A	
1990-15	CREEP	TIME STEP OPT	KAN,0				Rev. 3.0	Rev. 4.4A	
1990-14	PREP7	WAVES					Rev. 4.3	Rev. 4.4A	
1990-13	PREP7	TE	TEMORE				Rev. 4.2	Rev. 4.4A	
1990-12 R1	POST1	NSORT	*GET	CSYS		MIDSIDE NODE EL	Rev. 4.2	Rev. 4.4A	
1990-11	PREP7	CEINTF	CONSTRAINT EQNS				Rev. 4.4	Rev. 4.4A	
1990-10	PREP7	STIF50	NELEM				Rev. 4.2	Rev. 4.4A	
1990-09 R1	STIF63	THERMAL LOAD	WARPED ELEMENT				Rev. 4.4	Rev. 4.4A	
1990-08	STIF25	STIF83	SHEAR STRESSES				Rev. 4.4	Rev. 4.4A	
1990-07	KAN,2	SPECTRUM	FULL SUBSPACE	ROTATED NODES			Rev. 4.0	Rev. 4.4A	
1990-06	STIF25	STIF83	STRESS STIFFEN				Rev. 4.4	Rev. 4.4A	
1990-05	MULTI-FIELD	JOULE HEATING	TRANSIENT				Rev. 4.0	Rev. 4.4A	
1990-04	KAN,2	/BUCKLE	FULL SUBSPACE	MDOF		CONSTRAINT EQNS	Rev. 4.0	Rev. 4.4A	
1990-03	STIF26	SMALL DEFLECTION					Rev. 4.4	Rev. 4.4A	
1990-02	PLASTICITY	THERMAL LOAD	NEWTON-RAPHSON				Rev. 4.3	Rev. 4.4A	
1990-01	STIF55	STIF70	FLUID FLOW	TEMP-DEP MATL			Rev. 4.0	Rev. 4.4A	
PC90-3	PC/LINEAR	REFERENCE MANUAL	PREP7	OMEGA		KSPIN	PC/Linear 4.4	PC/Linear 4.4 Ref. Manual Upd 1	
PC90-2	COUPLED DOF						PC/Linear 4.3	PC/Linear 4.4	
PC90-1	TIME STEP OPT	PHASE CHANGE	STIF35, 55, 70, 77, 87				PC/Thermal 4.3	PC/Thermal 4.4	
1989-68	/FDELE	EXTERNAL FILES	SYSTEM				Rev. 4.4	Rev. 4.4A	
1989-67	/LOAD	RESTART	LOWER CASE				Rev. 4.0	Rev. 4.4A	
1989-66	STIF5	OMEGA	CGOMGA				Rev. 4.2	Rev. 4.4A	
1989-65 R1	STIF91	/CHECK					Rev. 4.2	Rev. 4.4B	
1989-64	MESH						Rev. 4.3	Rev. 4.4	
1989-63	GEN PLANE STRN	STIF45	STIF64	STIF65		NEWTON-RAPHSON	Rev. 4.3	Rev. 4.4A	
1989-62	STIF2,82,92,95	NEWTON-RAPHSON	TEMPERATURES				Rev. 4.4	Rev. 4.4A	
1989-61 R1	STIF13	AUX1	SUBMODELING	CBDSP		TMPINT	Rev. 4.3A	Rev. 5.0	
1989-60	CEINTF	STIF83	PREP7				Rev. 4.4	Rev. 4.4A	
1989-59	*GET	PREP7	POST1	NODAL COORDINATE			Rev. 4.3	Rev. 4.4A	
1989-58	STIF92	POST1	NODAL TEMPS				Rev. 4.2	Rev. 4.4A	
1989-57	POST27	WRITE					Rev. 4.0	Rev. 4.4A	
1989-56	PREP7	COMPRESS	NUMCMP	NODAL FORCES			Rev. 4.1	Rev. 4.4A	
1989-55	PREP7	KAN,-1	NODAL HEAT GEN.				Rev. 4.4	Rev. 4.4A	
1989-54	CONSTRAINT EQNS	CONSTANT TERM	NEWTON-RAPHSON				Rev. 4.3	Rev. 4.4A	
1989-53	POST26	KSE	NFORCE				Rev. 4.2	Rev. 4.4A	
1989-52	/BUCKLE	FULL SUBSPACE	EXTMOD				Rev. 4.3	Rev. 4.4A	
1989-51	KSE	AUX1	BCDCNV				Rev. 4.1	Rev. 4.4A	
1989-50	MAGNETICS	SOURCE CONSTANTS					Rev. 4.2B	Rev. 4.4A	
1989-49	STIF13	POST1	AXISYMMETRIC	MAG			Rev. 4.4	Rev. 4.4A	
1989-48	PREP7	AMESH	TRIANGLES	MIXED MESH			Rev. 4.2	Rev. 4.4A	
1989-47	STIF43	STIF91	STIF93	NEWTON-RAPHSON			Rev. 4.4	Rev. 4.4A	
1989-46	STIF43	CREEP					Rev. 4.4	Rev. 4.4A	
1989-45	STIF50	/LNFREQ	/HRFREQ	STIF12		STIF40,52	PRELOAD	Rev. 4.4	Rev. 4.4A
1989-44	STIF59	STATIC	FORCES				Rev. 4.4	Rev. 4.4A	
1989-43	KAN,5	KAN,6	/LNFREQ	/HRFREQ	PREP6	ACEL	Rev. 3.0	Rev. 4.4A	
1989-42	KAN,7	TEMP-DEP PROPS	MULT LOAD STEPS	SUBSTRUCTURES	STIF50		Rev. 4.0	Rev. 4.4A	
1989-41	PARAMETRIC INPUT	EXPONENTS					Rev. 4.3	Rev. 4.4A	
1989-40	STIF50	USE PASS	EPDELE	KAN,7			Rev. 4.4	Rev. 4.4A	
1989-39	/FREQ	LARGE DEFLECTION					Rev. 4.0	Rev. 4.4A	
1989-38	STIF20	CREEP					Rev. 4.4	Rev. 4.4A	
1989-37	KAN,5	/LNFREQ					Rev. 4.4	Rev. 4.4A	
1989-36	APOLLO ONLY	STIFX	NON-FPA	NON-FPX	PRSECT		Rev. 4.2	Rev. 4.4	
1989-35	SPIN SOFTENING	KAN,0	KAN,4	NEWTON-RAPHSON	MULTI-ITERATION		Rev. 4.4	Rev. 4.4A	
1989-34	POST1	MAGNETIC DATA	PRPATH	PLPATH			Rev. 4.4	Rev. 4.4A	
1989-33	AUX1	COORD. SYSTEMS	POST1	ESYS			Rev. 4.4	Rev. 4.4A	

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1989-32	POST26	DERIV	FACT				Rev. 4.4	Rev. 4.4A
1989-31	PREP7	NODE ROTATIONS	NULL 3D ELEMENTS				Rev. 4.0	Rev. 4.4A
1989-30	SWELLING	LARGE DEFLECTION	SPARS				Rev. 4.4	Rev. 4.4A
1989-29	KAN,4	TIME STEP OPT					Rev. 4.4	Rev. 4.4A
1989-28	/GEOM	MASTER DOF	SYSTEM DEPENDENT				Rev. 4.3	Rev. 4.3A
1989-27	KAN,6	/STRESS	KSPAC				Rev. 4.3	Rev. 4.4A
1989-26	KAN,5	RESTART					Rev. 4.2	Rev. 4.4A
1989-25 R1	PREP7	MESH	MERGE	LINES			Rev. 4.3A	Rev. 4.4A
1989-24	PREP7	MESH	CONVECTION SURF	CDWRITE			Rev. 4.3A	Rev. 4.4A
1989-23	JOULE HEATING	ORTHOTROPIC RESI					Rev. 2.0	Rev. 4.4A
1989-22	STIF13	MAGNETICS	PERMANENT MAGNET				Rev. 4.3	Rev. 4.3B
1989-21	STIF71	HEAT GENERATION	NL COMMANDS	TOFFST			Rev. 4.3	Rev. 4.3B
1989-20	/GEOM	NODE ROTATIONS					Rev. 4.2B	Rev. 4.3B
1989-19	STIF37	FRICITION	PRELOAD	FEEDBACK			Rev. 4.0	Rev. 4.3B
1989-18	STIF91	16 LAYERS	POSTDATA ITEMS	ELEMENT TEMPS			Rev. 4.2	4.4 User Manual
1989-17	STIF93	POSTDATA ITEMS	LEVEL 6				Rev. 4.0	Rev. 4.3B
1989-16 R1	PREP7	POST1	LOCAL	CDWRITE			Rev. 4.2	Rev. 4.3B
1989-15	PSF	EDGE PRESSURES	SHELL ELEMENTS				Rev. 4.3	Rev. 4.3B
1989-14	KAN,4	SFWRITE	/SOLVE	EQUILIB. ITERS.			Rev. 4.3	Rev. 4.3B
1989-13	OPTIMIZATION	COMMENTS					Rev. 4.3A	Rev. 4.3B
1989-12	NEWTON-RAPHSON	ROTATED NODES	SPECIFIED DOF				Rev. 4.3	Rev. 4.3B
1989-11	MESH	BOUNDARY COND.	LPSF	APSF	LCVSF	ACVSF	Rev. 4.3	Rev. 4.3B
1989-10	AUX12	RADIATION	VTYPE				Rev. 4.3	Rev. 4.3B
1989-09	KAN,4	TIME STEP OPT	ACEL	OMEGA			Rev. 4.2	Rev. 4.3B
1989-08	NEWTON-RAPHSON	KAN,4	STIFX				Rev. 4.3A	Rev. 4.3B
1989-07	STIF39	NONCONSERVATIVE					Rev. 4.0	Rev. 4.3B
1989-06 R1	STIF99	POSTDATA	TEMPERATURES				Rev. 4.3	4.4 User Manual
1989-05 R1	/GEOM	/DATA	REAL CONSTANTS				Rev. 4.2	Rev. 4.4
1989-04	STIF7	FRICITION	CONTROL	KAN,0	KAN,4		Rev. 4.3	Rev. 4.3B
1989-03	STIF6	STRESS STIFFNG					Rev. 4.1	Rev. 4.3B
1989-02	LARGE DEFLECTION	STRESS STIFFENING	STIF17, 20, 23, 24				Rev. 3.0	Rev. 4.3B
1989-01	PREP7	PRESSURES	CONVECTIONS				Rev. 4.3	Rev. 4.3B
PC89-2	KAN,5	GAPS	PC/LINEAR				PC/Linear 4.3	PC/Linear 4.3A5
PC89-1	PC/LINEAR	/STRESS	/HRFREQ	/LNFREQ			PC/Linear 4.3	PC/Linear 4.3A4-1
1988-93	POST1	STRESS TRANSFORM	3-D SOLIDS				Rev. 4.2	Rev. 4.3B
1988-92	STIF99	MATRIX INPUT					Rev. 4.3	Rev. 4.3B
1988-91	POST1	LARGE DEFLECTION	PLASTICITY	STIF42	STIF45		Rev. 4.2	Rev. 4.3B
1988-90	*COMMANDS	MACRO	USER FILES	*USE	PARAMETERS		Rev. 4.3	Rev. 4.3B
1988-89	PREP7	STIF97	NODAL HEAT GENR.				Rev. 4.1	Rev. 4.3B
1988-88	AUX11	REAL	RCON	CHANGE			Rev. 4.0	Rev. 4.3B
1988-87	MESH	ADRAG	AROTATE	VDRAG	VROTATE		Rev. 4.3	Rev. 4.3B
1988-86	STIF52	LARGE DEFLECTION	FRICITION				Rev. 4.0	Rev. 4.3B
1988-85	NODAL STRESSES	THEO MANUAL					Rev. 4.2	4.4 Theory Manual
1988-84	KAN,6	/HRFREQ	STRESS PASS	296 MASTERS			Rev. 4.3	Rev. 4.3B
1988-83	STIF97	CONVECTIONS	NEG MAIN DIAG				Rev. 4.1	Rev. 4.3B
1988-82	KAN,4	TIME STEP OPT	NEWTON-RAPHSON	IMPOSED DISP			Rev. 4.3	Rev. 4.3B
1988-81	MESH	BOUNDARY COND.	SYMMETRY	ANTI-SYMMETRY			Rev. 4.3	Rev. 4.3B
1988-80	AUX11	RESTART	CHANGE	RCON	REAL		Rev. 4.0	Rev. 4.3B
1988-79	KAN,5	GAP	SOLUTION	POST26			Rev. 4.3	Rev. 4.3B
1988-78	LARGE DEFLECTION	AXISYMMETRIC	STIF42	STIF2	STIF13		Rev. 4.3	Rev. 4.3B
1988-77	STIF6	PRESSURES					Rev. 4.1	Rev. 4.3B
1988-76	POST1	LOCAL	PRDISP	PLDISP	PREFOR	PRRFOR	Rev. 4.2	Rev. 4.3B
1988-75	AUX1	COMBINE	GEOMETRY	ROTATED NODES			Rev. 4.1C	Rev. 4.3B
1988-74	POST1	STIF13	MULTI-FIELD	PRVECT	PLVECT		Rev. 4.3	Rev. 4.3B
1988-73	KAN,7	KAY(5)>99	SUBSTRUCTURES				Rev. 4.0	Rev. 4.3B
1988-72	SPECIFIC HEAT	STIF57	STIF75	STIF78			Rev. 2.0	Rev. 4.3B
1988-71 R2	OPTIMIZATION	PARAMETERS	ADDED	DELETED			Rev. 4.2	Rev. 5.0
1988-70	KAN,3	VIRTUAL SOLVER	SYMMETRIC				Rev. 4.3A	Rev. 4.3B
1988-69	STIF97	NODAL EL FIELD	SOLUTION				Rev. 4.3	Rev. 4.3B
1988-68	POST1	PRSECT	PLSECT	FSSECT	AXISYMMETRIC		Rev. 4.2	Rev. 4.3B
1988-67	STIF13	REACTION FORCES	NEWTON-RAPHSON	CURRENT LOAD			Rev. 4.3	Rev. 4.3B
1988-66	STIF86	STRESSES	ELEM COORD SYS				Rev. 4.3	Rev. 4.3B
1988-65	SOLUTION	GEN PLANE STRN	STIF45	STIF64	STIF65		Rev. 4.3	Rev. 4.3B
1988-64	*COMMANDS	*SET	PARAM EXPRESSNS				Rev. 4.3	Rev. 4.3B

ERROR NUMBER	KEYWORDS						FIRST INCORRECT RELEASE	CORRECTED RELEASE
1988-63	SUBMODELING	AUX1	CBDSP	TMPINT	LARGE DEFLECTION	PRIME ONLY	Rev. 4.3A	Rev. 4.3B
1988-62	STIF37	FSLIDE	STRETCH				Rev. 4.2	Rev. 4.3B
1988-61	MULTI-FIELD	RAMPED	TEMPERATURES	STIF5	STIF13	STIF98	Rev. 4.3	Rev. 4.3B
1988-60	STIF13	THERMAL	NEWTON-RAPHSON				Rev. 4.3	Rev. 4.3B
1988-59	STIF12	STIF52	SLIDING FORCE	REACTION FORCES			Rev. 2.0	Rev. 4.3B
1988-58	KAN,2	FULL SUBSPACE	NPRINT	FILE12			Rev. 4.3	Rev. 4.3B
1988-57	STIF13	ELEMENT TEMPS	NONZERO TUNIF				Rev. 4.3	Rev. 4.3B
1988-56	PREP7	SFWRITE	TEMP-DEP PROPS				Rev. 4.0	Rev. 4.3B
1988-55	SUBSTRUCTURES	USE PASS	NODAL DATA	REV. 4.1	FILE16		Rev. 4.2	Rev. 4.3B
1988-54	STIF63	POST1	GLOBAL	LOCAL			Rev. 4.3	Rev. 4.3B
1988-53	NEWTON-RAPHSON	THERMAL LOADING	STIF3		STIF45	STIF13	Rev. 4.3	Rev. 4.3B
1988-52	STIF7	LARGE DEFLECTION	NEWTON-RAPHSON	3-D			Rev. 4.3	Rev. 4.3B
1988-51	STIF52	NEWTON-RAPHSON	LARGE DEFLECTION	KEYOPT(2)			Rev. 4.3	Rev. 4.3B
1988-50	STIF44	KEYOPT(5)	EL.FNDTN.STFNS				Rev. 4.3	Rev. 4.3B
1988-49	STIF40	CRUSHING	BREAKING	GAP			Rev. 4.0	Rev. 4.3B
1988-48	STIF99	INTERLAM. SHEAR	ANGLE				Rev. 4.3	Rev. 4.3B
1988-47	STIF13	AXISYMMETRIC	JxB FORCES				Rev. 4.3	Rev. 4.3B
1988-46	STIF50	SUPERELEMENT	TIME STEP OPT				Rev. 3.0	Rev. 4.3B
1988-45	KAN,4	STIF50	TIME STEP OPT				Rev. 4.3	Rev. 4.3B
1988-44	STIF99	SHEAR STRESSES					Rev. 4.3	Rev. 4.3B
1988-43	STIF48	FLUENCE	CREEP	SWELLING			Rev. 4.3	Rev. 4.3B
1988-42	STIF41	POSTDATA ITEMS					Rev. 4.3	Rev. 4.3B
1988-41	STIF99	LAYERS > 48					Rev. 4.3	Rev. 4.3B
1988-40	STIF50	NULL ELEMENT	KAN,7				Rev. 4.0	Rev. 4.3B
1988-39	POST1	FATIGUE	FSNODE	FSSECT			Rev. 4.2	Rev. 4.3B
1988-38	STIF27	UNSYMMETRIC					Rev. 4.0	Rev. 4.3B
1988-37 R3	CONSTRAINT EQNS	UNSYMMETRIC	STIFX	STIF15,27,30,50	STIF55,56,66,70		Rev. 2.0	Rev. 5.1
1988-36	NEWTON-RAPHSON	STIF42	STIF45	TEMP DEPENDENT PROP			Rev. 4.3	Rev. 4.3A
1988-35	MESH	KCOMPR	BOUNDARY COND.				Rev. 4.3	Rev. 4.3B
1988-34	SOLUTION	THERMAL LOADING	RAMPED LOADING				Rev. 4.0	Rev. 4.3B
1988-33	STIF84	POSTR	POSTDATA	LEVEL 6			Rev. 4.3	Rev. 4.3B
1988-32	PREP7	CERIG	CONSTRAINT EQNS	STIF50			Rev. 4.0	Rev. 4.3B
1988-31	STIF13	LARGE DEFLECTION	NON-ISOTROPIC				Rev. 4.3	Rev. 4.3B
1988-30	STIF13	POSTDATA	AXISYMMETRIC	VOLUME			Rev. 4.3	Rev. 4.3B
1988-29	POST1	MAGNETICS	TRANSFORMATIONS				Rev. 4.2	Rev. 4.3B
1988-28	SOLUTION	MULTI-ITERATION	SYSTEM DEPENDENT	STIF4, 14, 18, 24, 35	STIF44, 60, 61, 66	ELEMENT VOLUME	Rev. 4.0	Rev. 4.2B
1988-27	SOLUTION	PIVOT WARNING					Rev. 4.3	Rev. 4.3A
1988-26	STIF63	NEWTON-RAPHSON	NODAL TEMPS				Rev. 4.3	Rev. 4.3B
1988-25 R1	/BUCKLE	STRAIN ENERGY					Rev. 4.0	Rev. 4.3B
1988-24	STIF4	NEWTON-RAPHSON	ELEMENT TEMPS				Rev. 4.3	Rev. 4.3B
1988-23	STIF20	STIF60	CREEP				Rev. 3.0	Rev. 4.3B
1988-22	PREP7	TEDEL	QEDEL	SELECT			Rev. 4.3	Rev. 4.3B
1988-21	STIF99	TEMP-DEP DENSITY					Rev. 4.3	Rev. 4.3B
1988-20	STIF61	STRESS STIFFNG	ISYM = -1				Rev. 3.0	Rev. 4.3B
1988-19	KAN,2	FULL SUBSPACE	MULT LOAD STEPS				Rev. 4.3	Rev. 4.3B
1988-18 R	PREP6	POST26	DERIVATIVE				Rev. 3.0	Rev. 4.3B
1988-17	POST1	STRESS COMMAND	OPERATIONS				Rev. 4.3	Rev. 4.3B
1988-16	POST1	PATH OPERATIONS	STIF2,35,48,53	STIF87	STIF92	STIF98	Rev. 4.2	Rev. 4.3A
1988-15	PREP7	COUPLED NODES	CPSIZE				Rev. 4.2	Rev. 4.3B
1988-14	POST29	KAN = -1	PRTEMP				Rev. 4.2	Rev. 4.3A
1988-13	POST1	NSORT	*GET	MIDSIDE NODE EL			Rev. 4.2	Rev. 4.3A
1988-12 R2	POST27	POST29	POST30	COMPLEX	KAN,3	KAN,6	Rev. 4.3	Rev. 5.0
1988-11	STIF41	LEVEL 6 DATA	STRESS STIFFNG	THERMAL EXPANS			Rev. 4.2	Rev. 4.3A
1988-10	STIF44	MOMENT RELEASE					Rev. 4.0	Rev. 4.3A
1988-09	KAN,4	ROTATED NODES	STIF4,7,18	STIF24	STIF44	STIF60	Rev. 4.2	Rev. 4.3A
1988-08	SFWRITE	INTERACTIVE	TEMPERATURES				Rev. 4.2	Rev. 4.3A
1988-07	POST26	DERIV	KAN,4	KNL > 0	KAY(4)=0	STIFX	Rev. 4.2	Rev. 4.3
1988-06	STIF25	STIF42	AXISYMMETRIC	SURFACE STRESSES	EXTRA SHAPES		Rev. 2.0	Rev. 4.3A
1988-05	POST1	LARGE DEFLECTION	NODAL STRESSES	2-D SOLID ELEM	CSYS		Rev. 4.2	Rev. 4.3A
1988-04	STRESS STIFFNG	LARGE DEFLECTION	CONVERGENCE				Rev. 4.3	Rev. 4.3A
1988-03	POST1	STIF32	STIF33	VOLUME			Rev. 4.2	Rev. 4.3A
1988-02	KAN,5	KAN,6	VIRTUAL SOLVER	STRESS PASS			Rev. 4.2	Rev. 4.3A
1988-01	KAN,2	/FREQ	SPECTRUM	STRESSES			Rev. 4.0	Rev. 4.3A
PC88-03	PC/LINEAR	KAN,5	/LNFREQ	GAPS			PC/Linear 4.3	PC/Linear 4.3A4
PC88-2	PC/SOLID	SFWRITE	PC/LINEAR	/SOLVE	SOLUTION		PC/Solid 4.3A2	PC/Solid 4.3A4
PC88-1	MESH	PC/SOLID	SELECT				PC/Solid 4.3A2	PC/Solid 4.3A4

ERROR NUMBER	KEYWORDS						FIRST INCORRECT RELEASE	CORRECTED RELEASE
1987-76	POST27	ELEMENT DATA	IBM MVS	IBM MVS/XA			Rev. 4.2A	Rev. 4.2B
1987-75	STIF59	WATER TEMPS					Rev. 4.2	Rev. 4.3A
1987-74	MESH	CDWRITE	SOLID MODEL B.C.				Rev. 4.3	Rev. 4.3A
1987-73	KAN,5	/LNFREQ	MODE SUPERPOS.	ACEL			Rev. 4.3	Rev. 4.3A
1987-72	NEWTON-RAPHSON	LARGE DEFLECTION	STIF12	STIF40			Rev. 4.3	Rev. 4.3A
1987-71	MERGE	NCOMPR	NODAL TEMPS	NODAL HEAT GENR.			Rev. 4.2	Rev. 4.3A
1987-70	COUPLED NODES	NCOMPR	MERGE				Rev. 4.2	Rev. 4.3A
1987-69	KAN,2	FULL SUBSPACE	SPECTRUM	MULT. LOAD STEPS			Rev. 4.3	Rev. 4.3A
1987-68	MAGNETICS	SCALAR POTENTIAL	COIL CURRENT SRC				Rev. 4.3	Rev. 4.3A
1987-67	STIF99	MULT.FAIL.CRIT.					Rev. 4.3	Rev. 4.3A
1987-66	STIF42	NEWTON-RAPHSON	THERMAL LOADING				Rev. 4.3	Rev. 4.3A
1987-65	STIF59	KAN,4					Rev. 4.3	Rev. 4.3A
1987-64	SUBSTRUCTURES	EXTRA SHAPES	THERMAL LOADING	STRESS PASS			Rev. 4.3	Rev. 4.3A
1987-63	STIF13	COUPLED FIELDS	LARGE DEFLECTION				Rev. 4.3	Rev. 4.3A
1987-62	PREP7	MESH	KNODE	ROTATION ANGLES			Rev. 4.2B	Rev. 4.3A
1987-61	PREP7	RESUME	R	RMORE			Rev. 4.0	Rev. 4.3A
1987-60	STIF64	APOLLO 68020					Rev. 4.3	Rev. 4.3A
1987-59	NEWTON-RAPHSON	REACT&NODAL FRCE	ROTATED NODES	ACCELERATION LDG			Rev. 4.3	Rev. 4.3A
1987-58	/LOAD	AUX1	BCDCNV	BINCNV			Rev. 4.2	Rev. 4.3A
1987-57	PREP6	COMBINE	FACT1				Rev. 4.3	Rev. 4.3A
1987-56	POST30	STIF61	OUTPUT FILE	PRINCIPAL STRESS			Rev. 2.0	4.3 User Manual
1987-55	POST1	LARGE DEFLECTION	FSUM	NFORCE			Rev. 4.0	Rev. 4.3A
1987-54	OPTIMIZATION	PARAMETERS	AUX	POST			Rev. 4.2	Rev. 4.3A
1987-53	POST1	STIF13	AXISYMMETRIC	PRDISP			Rev. 4.3	Rev. 4.3A
1987-52	STIF93	STIF94	SHEAR STRAINS				Rev. 3.0	Rev. 4.3A
1987-51	PREP7	MESH	KMERGE	KCOMPR	BOUNDARY COND.		Rev. 4.3	Rev. 4.3A
1987-50	POST1	PATH OPERATIONS					Rev. 4.2	Rev. 4.3A
1987-49	STIF25	STIF42	STIF83	I-J COORD. SYS.	CLOCKWISE ORDER		Rev. 4.2	Rev. 4.3A
1987-48	KAN,3	KAN,7	STRESS PASS	ITER			Rev. 4.3	Rev. 4.3A
1987-47	KAN,5	/LNFREQ	LVSCAL	STRESS PASS			Rev. 4.3	Rev. 4.3A
1987-46	STIF25	STIF83	GYZ	GXZ			Rev. 2.0	Rev. 4.3A
1987-45 R	PREP7	MESH	NCOMPR	ECOMPR	SELECT	BOUNDARY COND.	Rev. 4.3	Rev. 4.3A
1987-44	KAN,3	VIRTUAL SOLVER					Rev. 4.3	Rev. 4.3A
1987-43	KAN,6	/LOAD	STRESS PASS				Rev. 3.0	Rev. 4.3A
1987-42	STIF27						Rev. 4.3	Rev. 4.3A
1987-41	MAGNETICS	HARMONIC	TRANSIENT	STIF13			Rev. 4.3	Rev. 4.3A
1987-40	KAN,4	NEWTON-RAPHSON	EQUILIB. ITERS.				Rev. 4.3	Rev. 4.3A
1987-39	KUSE	REACTION FORCES	STIF12,26,37	STIF39	STIF40	STIF52	Rev. 4.1	Rev. 4.3A
1987-38	STIF79	STIF81	STRESS RESULTS	CLOCKWISE ORDER			Rev. 4.1	Rev. 4.3A
1987-37	KAN,5	KAN,6	REV. 3 INPUT	SCALING			Rev. 3.0	Not Applicable
1987-36	POST27	WRITE	FILE12				Rev. 4.3	Rev. 4.3A
1987-35	KAN,5	/LNFREQ	STATIC	NONZERO			Rev. 4.3	Rev. 4.3A
1987-34	STIF14	DAMPING	TRANSIENT				Rev. 4.3	Rev. 4.3A
1987-33	KAN,7	SUPERELEMENT	USE PASS	ACEL			Rev. 4.0	Rev. 4.3A
1987-32	STIF20	SIF	THEO MANUAL				Rev. 4.1	4.3 Theory Manual
1987-31 R	KAN,2	KAN,1	/FREQ	/BUCKLE	VIRTUAL SOLVER		Rev. 4.0	Rev. 4.3B
1987-30	KAN,2	SFWRITE	/HRFREQ	/LNFREQ			Rev. 4.3	Rev. 4.3A
1987-29	LG. DEFLECTION	STIF2	STIF92				Rev. 4.2	Rev. 4.3
1987-28	KAN,4	SUPERELEMENT	/STRESS	NONLINEARITIES			Rev. 4.3	Rev. 4.3A
1987-27	4.3 NEW FEATURES	LIMITATIONS	ERRORS				Rev. 4.3	Rev. 4.3A
1987-26	POST1	PRSECT	STRESS LINEAR.	MIDSIDE NODES			Rev. 4.2	Rev. 4.3A
1987-25	SWELLING	STIF51	STIF48				Rev. 4.0	Rev. 4.3A
1987-24	STIF12	GAP SIZE	EXTRAPOLATION				Rev. 2.0	Rev. 4.3A
1987-23	OPTIMIZATION	OPCOPY					Rev. 4.2	Rev. 4.3A
1987-22	STIF95	STRESSES	STRAINS				Rev. 2.0	Rev. 4.3A
1987-21	OPTIMIZATION	PARAMETERS	OPCOPY				Rev. 4.2	Rev. 4.3A
1987-20 R	KAN,5	/LNFREQ	/HRFREQ	STIF37	STIF40	ACEL	Rev. 2.0	Rev. 4.3A
1987-19	KAN,2	LOAD	SV	SPECTRUM			Rev. 4.0	Rev. 4.3A
1987-18	SUPERELEMENT	USE PASS	COUPLING				Rev. 4.2A	Rev. 4.3A
1987-17 R	LARGE DEFLECTION	RESTART	FILE12	POST1			Rev. 4.0	Rev. 4.3B
1987-16	CMSEL	ELEMENTS	WSORT				Rev. 4.2	Rev. 4.3A
1987-15 R	AUX1	CBDSP	LARGE DEFLECTION	SUBMODELING			Rev. 4.1	Rev. 4.3A
1987-14	CGLOC	KBC=0	NITTER>1				Rev. 4.0	Rev. 4.2C
1987-13	PREP7	KINC	KGEN	KTRAN	KSYMM		Rev. 4.2	Rev. 4.2C
1987-12 R	PREP7	EL. TEMPS.	KTEMP=-1	QE			Rev. 4.2	Rev. 4.2C
1987-11	PREP7	SFWRIT	ACEL	OMEGA			Rev. 4.2	Rev. 4.2C

ERROR NUMBER	KEYWORDS						FIRST INCORRECT RELEASE	CORRECTED RELEASE
1987-10	STIF91	EL. ORIENTATION					Rev. 2.0	Rev. 4.2C
1987-09	STIF93	STRESS STIFFNG.					Rev. 4.2	Rev. 4.2C
1987-08	STIF85	PLASTICITY	NODAL STRESSES				Rev. 2.0	Rev. 4.2C
1987-07	PREP7	POST1	LOCAL	MAGNETICS			Rev. 4.0	Rev. 4.2C
1987-06	PREP7	NODAL PRESSURES	STIF48	STIF53			Rev. 4.2	Rev. 4.2C
1987-05	STIF25	STIF42	STIF83	I-J COORD. SYS.	CLOCKWISE ORDER		Rev. 2.0	Rev. 4.2C
1987-04	STIF91	TUNIF CMD.					Rev. 2.0	Rev. 4.2C
1987-03 R	PREP7	KTEMP=-1	EL. TEMPS	EL. HEAT GEN.			Rev. 4.2	Rev. 4.2C
1987-02	PARAMETER	*IF	ABLT	ABGT			Rev. 4.2	Rev. 4.2C
1987-01	STIF52	LG. DEFLECTION					Rev. 2.0	Rev. 4.2C
PC1987-01	PC/SOLID	CIRCLE					Rev. 2.0	Rev. 4.3
1986-70	KAN=6	/HARMIC	VIRTUAL				Rev. 4.2B	Rev. 4.2C
1986-69	STRESS	STIFFENING	BEAMS	PIPES			Rev. 4.2	4.3 User Manual
1986-68	STIF39	NONCONSERVATIVE	UNLOADING				Rev. 2.0	Rev. 4.2C
1986-67	AUX01	BCDCNV	BINCNV	STIF64	POST1		Rev. 4.2	Rev. 4.2C
1986-66	PRESTRESSED	RESTART	SUBSTRUCTURE	STRESS PASS			Rev. 4.2	Rev. 4.2C
1986-65	STIF25	THERMAL LOADING					Rev. 2.0	Rev. 4.2C
1986-64	POST27	ACCELERATION	VELOCITY				Rev. 4.2	Rev. 4.2C
1986-63	*SET	ZERO-DIVIDE					Rev. 4.2	Rev. 4.2C
1986-62	PREP7	SFWRITE	MDOF				Rev. 4.0	Rev. 4.2C
1986-61	KAN=-1, 0, 4	KAY(3)					Rev. 4.2B	4.3 User Manual
1986-60 R3	STIF37	NODAL FORCES	REACTION FORCES				Rev. 4.1	Rev. 4.2C
1986-59 R3	STIF63	MULTI-ITERATION	REV. 4.2B ONLY				Rev. 4.2B	Rev. 4.3
1986-58	KAN,7	STRESS	PASS	ACEL	OMEGA		Rev. 4.2	Rev. 4.2C
1986-57	SFWRITE	ELEMENT	SELECTION				Rev. 4.2	Rev. 4.2C
1986-56	REV3	ELEMENT	GENERATION	REAL CONSTANTS			Rev. 4.1C	Rev. 4.2C
1986-55	KAN,7	SUBSTRUCTURE					Rev. 4.0	Rev. 4.2C
1986-54	STIF14	LARGE DEFLECTION					Rev. 4.1	Rev. 4.3
1986-53	PREP7	SFWRITE	STIF14	STIF21			Rev. 4.0	Rev. 4.2C
1986-52	USER FILES	PARAMETERS	*GET				Rev. 4.2	Rev. 4.2C
1986-51	STIF39	STATIC	CONVERGENCE				Rev. 4.2	Rev. 4.2C
1986-50	NODE ROTATIONS	2D ELEMENTS	3D MODEL				Rev. 3.0	Rev. 4.2C
1986-49	PREP7	MESH	VCLEAR	ACLEAR	LCLEAR	REORDER	Rev. 4.2	Rev. 4.2C
1986-48	DATA GENERAL	/COMMANDS	/GET				Rev. 4.2	Rev. 4.2B
1986-47	STIF24	DOCUMENTATION	POST DATA				Rev. 4.0	Rev. 4.2C
1986-46	POST1	*GET	PARAMETER	SELECT			Rev. 4.2	Rev. 4.2C
1986-45	STIF50	REORDER	WAVES	WSORT			Rev. 4.2	Rev. 4.2C
1986-44	STIF41	POSTDATA FILE	EDGE STRESSES				Rev. 4.0	Rev. 4.2C
1986-43	STIF44	MOMENT RELEASE					Rev. 4.1	Rev. 4.2C
1986-42	POST1	SAFETY FACTOR	MARGIN OF SAFETY	SFACT			Rev. 4.2A	Rev. 4.2C
1986-41	PREP7	SFWRITE	ELEMENT REORDING	NODAL			Rev. 4.2	Rev. 4.2C
1986-40	STIF69	TEMPERATURE	DEPENDENT	MATERIALS			Rev. 4.2	Rev. 4.2C
1986-39	STIF17	STIF19	CENTROID				Rev. 4.0	Rev. 4.2C
1986-38	STIF42	SURFACE VALUES	POSTDATA FILE				Rev. 4.2	Rev. 4.2C
1986-37	STIF91	16 LAYERS					Rev. 4.2	Rev. 4.2C
1986-36	CONSTRAINT	EQUATIONS	MAGNETICS				Rev. 4.1B	Rev. 4.2C
1986-35	KAN = 2	/REQ	/BUCKLE	FULL SUBSPACE	COUPLED NODES		Rev. 4.0	Rev. 4.2
1986-34	MAGNETICS	DOCUMENTATION					Rev. 4.2	4.2 User Manual 6th Printing
1986-33	PREP7	CDWRITE	EDEL	REORDER			Rev. 4.2	Rev. 4.2B
1986-32	PREP7	EWRITE	MDSIDE NODES				Rev. 4.2	Rev. 4.2B
1986-31	/GEOM	KAN = 5	GAPS				Rev. 4.2	Rev. 4.2B
1986-30	AUX11	CHANGE	/LOAD				Rev. 4.0	Rev. 4.2C
1986-29	STIF82	POSTDATA	(FILE12)	STRAINS			Rev. 3.0	Rev. 4.2B
1986-28	POST1	*GET	SSUM	FSUM			Rev. 4.2	Rev. 4.2B
1986-27	PREP7	EDEL	RESUME	REORDER	WAVES	WSORT	Rev. 4.2	Rev. 4.2B
1986-26	PREP7	EDELET	ECOMPR	ELEMENT TEMPS			Rev. 4.1	Rev. 4.2B
1986-25	PREP7	WSORT/WAVES	REORDER	ETEMP	CDWRITE		Rev. 4.2	Rev. 4.2B
1986-24	STIF45	STIF64	STIF65	PRISMS	MULT ITERATIONS		Rev. 4.2	Rev. 4.2B
1986-23	STIF25	STIF42	AXISYMMETRIC	MULT ITERATIONS			Rev. 4.2	Rev. 4.2B
1986-22	STIF75	STIF78	CONVECTION SURF				Rev. 2.0	Rev. 4.2B
1986-21	STIF91	EDGE PRESSURES					Rev. 4.2	Rev. 4.2B
1986-20	/SUBST	KTEMP					Rev. 4.2	Rev. 4.2B
1986-19	MAGNETICS	FORCES	STIF97				Rev. 4.2	Rev. 4.2B
1986-18	KAN=5	GP	RESTART	DOCUMENTATION			Rev. 4.0	4.2 User Manual 5th Printing
1986-17	LSCALE	PREP7	LOAD MODULE				Rev. 4.1	Rev. 4.2B

ERROR NUMBER	KEYWORDS						FIRST INCORRECT RELEASE	CORRECTED RELEASE
1986-16	VSUM	PREP7	MESH MODULE	VOLUMES			Rev. 4.2	Rev. 4.2B
1986-15	STIF81	NODE ORDER					Rev. 4.1	Rev. 4.2B
1986-14	STIF20	STIF60	PLASTICITY				Rev. 3.0	Rev. 4.2B
1986-13 R	SUBSTRUCTURE	THERMAL LOAD	EXTRA SHAPES	NODAL STRESSES			Rev. 4.2B	Rev. 4.2C
1986-12	COUPLED NODES	FORCES	AFWRITE				Rev. 4.0	Rev. 4.2B
1986-11	STIF95	SURFACE STRESSES					Rev. 3.0	Rev. 4.2B
1986-10	STIF42	LARGE DEFLECTION					Rev. 4.0	Rev. 4.2B
1986-9	PREP7	SFWRITE	GAPS				Rev. 4.2	Rev. 4.2B
1986-8	STIF5	STIF98	MASS MATRIX				Rev. 4.2	Rev. 4.2B
1986-7	POST1	STIF2	TEMPERATURE				Rev. 4.2	Rev. 4.2B
1986-6	STIF16	STIFF					Rev. 4.2	Rev. 4.2B
1986-5	POST1	STIF5 STIF98	TEMP VOLT	MAG	CSYS	PRDISP	Rev. 4.2	Rev. 4.2B
1986-4	STIF8	LARGE STRAIN					Rev. 4.1	None
1986-3	PREP7	CDWRITE	E				Rev. 4.1	Rev. 4.2B
1986-2	RESUME	KAN = -1	SFWRITE				Rev. 4.0	Rev. 4.2B
1986-1	POST1	PRSECT	PLSECT	FSSECT			Rev. 4.2	Rev. 4.2B