

58	003F18I	DENE=0.5*(DEN(I+1,J,K)+DEN(I,J,K))	849	26
59	003F74I	DENW=0.5*(DEN(I-1,J,K)+DEN(I,J,K))	850	27
60	003F00I	DENN=0.5*(DEN(I,J+1,K)+DEN(I,J,K))	851	28
61	00402CI	DENS=0.5*(DEN(I,J-1,K)+DEN(I,J,K))	852	29
62	004088I	DENT=0.5*(DEN(I,J,K+1)+DEN(I,J,K))	853	30
63	0040E2I	DENB=0.5*(DEN(I,J,K-1)+DEN(I,J,K))	854	31
64	00413CI	UE=C.5*(U(I+1,J,K)+U(I,J,K))	855	32
65	004198I	UW=C.5*(U(I-1,J,K)+U(I,J,K))	856	33
66	0041F4I	UN=C.5*(U(I,J+1,K)+U(I,J,K))	857	34
67	004250I	US=C.5*(U(I,J-1,K)+U(I,J,K))	858	35
68	0042ACI	UT=C.5*(U(I,J,K+1)+U(I,J,K))	859	36
69	004306I	UB=C.5*(U(I,J,K-1)+U(I,J,K))	860	37
70	004360I	VE=C.5*(V(I+1,J,K)+V(I,J,K))	861	38
71	00433CI	VW=C.5*(V(I-1,J,K)+V(I,J,K))	862	39
72	004418I	VN=C.5*(V(I,J+1,K)+V(I,J,K))	863	40
73	004474I	VS=C.5*(V(I,J-1,K)+V(I,J,K))	864	41
74	004400I	VT=C.5*(V(I,J,K+1)+V(I,J,K))	865	42
75	00452AI	VB=C.5*(V(I,J,K-1)+V(I,J,K))	866	43
76	004584I	WE=C.5*(W(I+1,J,K)+W(I,J,K))	867	44
77	0045E0I	WW=C.5*(W(I-1,J,K)+W(I,J,K))	868	45
78	00463CI	WN=C.5*(W(I,J+1,K)+W(I,J,K))	869	46
79	004698I	WS=C.5*(W(I,J-1,K)+W(I,J,K))	870	47
80	0046F4I	WT=C.5*(W(I,J,K+1)+W(I,J,K))	871	48
91	00474EI	WB=C.5*(W(I,J,K-1)+W(I,J,K))	872	49
82	0047A8I	CE=DENE*(UE*CX(I,J,K)+VE*CY(I,J,K)+WE*CZ(I,J,K))	873	50
83	00483CI	CW=DENW*(UW*CX(I,J,K)+VW*CY(I,J,K)+WW*CZ(I,J,K))	874	51
84	004800I	CN=DENN*(UN*EX(I,J,K)+VN*EY(I,J,K)+WN*EZ(I,J,K))	875	52
85	004964I	CS=DENS*(US*EX(I,J,K)+VS*EY(I,J,K)+WS*EZ(I,J,K))	876	53
86	0049F8I	CT=DENT*(UT*SX(I,J,K)+VT*SY(I,J,K)+WT*SZ(I,J,K))	877	54
87	004A8CI	CB=DENE*(UB*SX(I,J,K)+VB*SY(I,J,K)+WB*SZ(I,J,K))	878	55
88	004B20I	DDE=GAE*TXXE(I,J,K)+GAN*TXYN(I,J,K)-GAS*TXYS(I,J,K)+	879	56
89		1 GAT*TXZT(I,J,K)-GAB*TXZB(I,J,K)	880	
90	004C0AI	DDW=GAW*TXXW(I,J,K)+GAS*TXYS(I,J,K)-GAN*TXYN(I,J,K)-	881	57
91		1 GAT*TXZT(I,J,K)+GAB*TXZB(I,J,K)	882	
92	004CF4I	DDN=GAN*TYYN(I,J,K)+GAE*TYXE(I,J,K)-GAW*TYXW(I,J,K)+	883	58
93		1 GAT*TYZT(I,J,K)-GAB*TYZB(I,J,K)	884	
94	00400EI	DDS=GAS*TYYS(I,J,K)+GAW*TYXW(I,J,K)-GAE*TYXE(I,J,K)-	885	59
95		1 GAT*TYZT(I,J,K)+GAB*TYZB(I,J,K)	886	
96	004EC8I	DDT=GAT*TZZT(I,J,K)+GAE*TZXE(I,J,K)-GAW*TZXW(I,J,K)+	887	60
97		1 GAN*TZYN(I,J,K)-GAS*TZYS(I,J,K)	888	
98	004FB2I	DDB=GAB*TZZB(I,J,K)+GAW*TZXW(I,J,K)-GAE*TZXE(I,J,K)-	889	61
99		1 GAN*TZYN(I,J,K)+GAS*TZYS(I,J,K)	890	
100	00509CI	CPQ=ABS(CE-CW+CN-CS+CT-CB)	891	62
101	0050E2I	AE(I,J,K)=(AMAX1(ABS(0.5*CE),DDE)-0.5*CE)*TJO(I,J,K)	892	63
102	005186I	AW(I,J,K)=(AMAX1(ABS(0.5*CW),DDW)+0.5*CW)*TJO(I,J,K)	893	64
103	00522AI	AN(I,J,K)=(AMAX1(ABS(0.5*CN),DDN)-0.5*CN)*TJO(I,J,K)	894	65
104	0052CEI	AS(I,J,K)=(AMAX1(ABS(0.5*CS),DDS)+0.5*CS)*TJO(I,J,K)	895	66
105	005372I	AT(I,J,K)=(AMAX1(ABS(0.5*CT),DDT)-0.5*CT)*TJO(I,J,K)	896	67
106	005416I	AB(I,J,K)=(AMAX1(ABS(0.5*CB),DCB)+0.5*CB)*TJO(I,J,K)	897	68
107	00548AI	DDNE=GAE*TYXE(I,J,K)+GAN*TXYN(I,J,K)	898	69
108	00551AI	DCSE=-GAE*TYXE(I,J,K)-GAS*TXYS(I,J,K)	899	70
109	005582I	DDNW=-GAW*TYXW(I,J,K)-GAN*TXYN(I,J,K)	900	71
110	0055EAI	DCSW=GAW*TYXW(I,J,K)+GAS*TXYS(I,J,K)	901	72
111	00564AI	DDET=GAE*TZXE(I,J,K)+GAT*TXZT(I,J,K)	902	73
112	00564AI	DEEB=-GAE*TZXE(I,J,K)-GAB*TXZB(I,J,K)	903	74
113	005712I	DDWT=-GAW*TZXW(I,J,K)-GAT*TXZT(I,J,K)	904	75
114	00577AI	DDWB=GAW*TZXW(I,J,K)+GAB*TXZB(I,J,K)	905	76

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