

58	C-----EAST		1644	
59	000A06I	YP=YN(III)	1645	23
60	000A0AI	YP1=YN1(III)	1646	24
61	000A0EI	CDK=CK(I,J,K)	1647	25
62	000B2AI	CDE=DE(I,J,K)	1648	26
63	000B56I	CDEN=DEN(I,J,K)	1649	27
64	000B82I	CALL WALLFN(IE,YP,YP1,CDK,CDE,CDEN,SINX(III),SINY(III),	1650	28
65		1 SINZ(III),F(I+1,J,K),AN(I,J,K),SU(I,J,K),SP(I,J,K),	1651	
66		2 TALN(III),YPLN(III),GEN(I,J,K),VISE(I,J,K),	1652	
67		3 U(I+1,J,K),V(I+1,J,K),W(I+1,J,K),U(I,J,K),V(I,J,K),	1653	
68		4 W(I,J,K),U(I-1,J,K),V(I-1,J,K),W(I-1,J,K),	1654	
69		5 -SPK(I,J,K),SPK(I,J,K),ANV1(III),ANW1(III),TJC(I,J,K))	1655	
70	000F0CI	GO TO 150	1656	29
71	000F02I	4 CONTINUE	1657	30
72	C-----WEST		1658	
73	000F02I	YP=YN(III)	1659	31
74	001006I	YP1=YN1(III)	1660	32
75	001014I	CDK=CK(I,J,K)	1661	33
76	001046I	CDE=DE(I,J,K)	1662	34
77	001072I	CDEN=DEN(I,J,K)	1663	35
78	00107EI	CALL WALLFN(IE,YP,YP1,CDK,CDE,CDEN,SINX(III),SINY(III),	1664	36
79		1 SINZ(III),F(I-1,J,K),AN(I,J,K),SU(I,J,K),SP(I,J,K),	1665	
80		2 TALN(III),YPLN(III),GEN(I,J,K),VISE(I,J,K),	1666	
81		3 U(I-1,J,K),V(I-1,J,K),W(I-1,J,K),U(I,J,K),V(I,J,K),	1667	
82		4 W(I,J,K),U(I+1,J,K),V(I+1,J,K),W(I+1,J,K),	1668	
83		5 -SPK(I,J,K),SPK(I,J,K),ANV1(III),ANW1(III),TJC(I,J,K))	1669	
84	001508I	GO TO 150	1670	37
85	00150EI	5 CONTINUE	1671	38
86	C-----TOP		1672	
87	00150EI	YP=YN(III)	1673	39
88	001522I	YP1=YN1(III)	1674	40
89	001536I	CDK=CK(I,J,K)	1675	41
90	001562I	CDE=DE(I,J,K)	1676	42
91	00158EI	CDEN=DEN(I,J,K)	1677	43
92	0015BAI	CALL WALLFN(IE,YP,YP1,CDK,CDE,CDEN,SINX(III),SINY(III),	1678	44
93		1 SINZ(III),F(I,J,K+1),AN(I,J,K),SU(I,J,K),SP(I,J,K),	1679	
94		2 TALN(III),YPLN(III),GEN(I,J,K),VISE(I,J,K),	1680	
95		3 U(I,J,K+1),V(I,J,K+1),W(I,J,K+1),U(I,J,K),V(I,J,K),	1681	
96		4 W(I,J,K),U(I,J,K-1),V(I,J,K-1),W(I,J,K-1),	1682	
97		5 -SPK(I,J,K),SPK(I,J,K),ANV1(III),ANW1(III),TJC(I,J,K))	1683	
98	001418I	GO TO 150	1684	45
99	00141EI	6 CONTINUE	1685	46
100	C-----BOTTOM		1686	
101	00141EI	YP=YN(III)	1687	47
102	001432I	YP1=YN1(III)	1688	48
103	001446I	CDK=CK(I,J,K)	1689	49
104	001472I	CDE=DE(I,J,K)	1690	50
105	00149EI	CDEN=DEN(I,J,K)	1691	51
106	0014ACI	CALL WALLFN(IE,YP,YP1,CDK,CDE,CDEN,SINX(III),SINY(III),	1692	52
107		1 SINZ(III),F(I,J,K-1),AN(I,J,K),SU(I,J,K),SP(I,J,K),	1693	
108		2 TALN(III),YPLN(III),GEN(I,J,K),VISE(I,J,K),	1694	
109		3 U(I,J,K-1),V(I,J,K-1),W(I,J,K-1),U(I,J,K),V(I,J,K),	1695	
110		4 W(I,J,K),U(I,J,K+1),V(I,J,K+1),W(I,J,K+1),	1696	
111		5 -SPK(I,J,K),SPK(I,J,K),ANV1(III),ANW1(III),TJC(I,J,K))	1697	
112	001F23I	150 CONTINUE	1698	53
113	001F40I	RETURN	1699	54
114	001F46I	END	1700	55