| 000A941   | 58 | 000A44I | GK(I+1,J,K)=DK(I,J,K)   | 1841 | 36             |
|---|----|---------|---|------|----------------|
| 60 000841 60 CONTINUE 1843 38 61 0008141 RETURN 1845 38 62 CLINK COEFF. MODIFICATIONS 1845 63 0008141 C CLINK COEFF. MODIFICATIONS 1846 64 C  |    |         | DE(I+1,J,K)=DE(I,J,K)   |      |                |
| 61 000814I RETURN 62 CLINK COSEF. MODIFICATIONS 63 00081AI 2 CONTINUE 64 CEAST OUT 65 00081AI 1 I=IT 66 000826I DO 200 J=Z,JT 67 00083AI DO 200 K=Z,KT 68 00084EI AE(I,J,K)=0.0 69 00087AI 200 CONTINUE 70 00080AI 200 CONTINUE 71 C  | -  | 000AE4I |   |      |                |
| CLINK CCSFF, MOCIFICATIONS   1845   1846   40   | 61 | 0008141 | RETURN  |      |                |
| 63 00081AT 2 CONTINUE 1846 40 64 CEAST OUT 1847 65 00081AT I=IT 1847 66 0008261 D0 200 J=2,JT 1848 41 66 0008261 D0 200 K=2,KT 1849 42 67 00083AI D0 200 K=2,KT 1850 43 68 00084EI AE(I,J,K)=0.0 1851 44 69 00087AI 200 CONTINUE 1853 46 70 0008AAI RETURN 1853 46 71 CUPDATE UNSTEACY COEFF. 1853 46 72 000800I 3 CONTINUE 1855 47 73 000800I IF(CTT NE. 0.0.0) GO TO 301 1855 47 74 0008C8I D0 300 I=IS,IT 1858 51 75 0008E0I D0 300 J=JS,JT 1858 51 76 000BERI D0 300 S=JS,JT 1858 51 77 000C08AI D0 300 A=0(I,J,K)=0.0 300 S=S,KT 1858 51 78 000C8AI 301 CONTINUE 1860 53 78 000C8AI 301 CONTINUE 1865 56 79 000C8AI 301 CONTINUE 1865 56 80 000C8AI D0 310 I=IS,IT 1865 56 81 000C8AI D0 310 I=IS,JT 1865 56 83 000C8AI D0 310 I=IS,JT 1865 56 84 000C8AI D0 310 I=IS,JT 1865 56 85 000C8AI D0 310 I=IS,JT 1865 56 86 000C8AI D0 310 I=IS,JT 1866 59 87 00C8AI D0 310 I=IS,JT 1866 60 88 000C8AI D0 310 I=IS,JT 1866 60 87 000C8AI D0 310 I=IS,JT 1866 60 88 000C8AI D0 310 I=IS,JT 1866 60 87 000C8AI D0 310 I=IS,JT 1866 60 88 000C8AI D0 310 I=IS,JT 1866 60 89 000C8AI D0 310 I=IS,JT 1866 60 80 000C8AI D0 310 I=IS,JK) 1867 60 80 00C8AI D0 310 I=IS,JK) 1866 60 80 00C8AI D0 310 I=IS,JK) 1867 60 80 00C8AI D0 310 I=IS,JK) 1868 61 80 00C8AI D0 310 I=IS,JK) 1869 62 80 00C8AI D0 310 I=IS | 62 |         | CLINK COEFF. MODIFICATIONS  | = "  | 3,             |
| 64 CEAST OUT 65 00031AI   |    | 000B1AI |   |      | 4.0            |
| 65 00031AI  | 64 |         | CEAST OUT   |      | 70             |
| 66 000326I  | 65 | 00031AI | I = I T   |      | 41             |
| 1850   43   68   00084EI  | 66 | 0003261 | 7L,S=L 30S 00   |      |                |
| 68 00084EI  | 67 | 000B3A1 | 00 200 K=2,KT   |      |                |
| 69 00087AI 200 CONTINUE RETURN 1853 46 70 00080AI RETURN 1853 46 71   | 68 | 00084EI | AE(I,J,K)=0.0   |      |                |
| 70 0008AI RETURN 71 CUPDATE UNSTEADY COEFF. 72 000830I 3 CONTINUE 73 000830I IF(CTT .NE. 0.0) GC TO 301 74 0008C8I DO 300 I=IS,IT 75 000860I DO 300 J=JS,JT 76 0008F8I DO 300 K=KS,KT 77 000C10I 300 APO(I,J,K)=0.0 78 000C8AI RETURN 79 000C8AI RETURN 79 000C8AI RETURN 79 000C8AI SOI CONTINUE 79 000C8AI DO 310 I=IS,IT 80 000C8AI DO 310 J=JS,JT 81 -009CAZI DO 310 J=JS,JT 82 000C8AI DO 310 K=KS,KT 83 000C0ZI DO 310 K=KS,KT 84 000C8AI DO 310 K=KS,KT 85 000C8AI DO 310 K=KS,KT 86 000C8AI DO 310 K=KS,KT 87 000C8AI DO 310 J=JS,JT 88 000C8AI DO 310 K=KS,KT 88 000ESAI DO 310 K=KS,KT 89 000ESAI DO 310 K=KS,KT 81866 59 84 000ESAI DO 310 K=KS,KT 85 000D70I VO(I,J,K)=V(I,J,K) 86 000ESAI DO 310 K=KS,KT 86 000ESAI DO 310 K=KS,KT 87 000C8AI DO 310 K=KS,KT 88 000ESAI DO 310 K=KS,KT 88 000ESAI DO 310 K=KI,J,K) 88 000ESAI DO 310 K=KI,J,K) 89 000ESAI RO(I,J,K)=DK(I,J,K) 80 000ESAI RO(I,J,K)=DK(I,J,K) 80 000ESAI RO(I,J,K)=DK(I,J,K) 81 000ESAI RETURN  | 69 | 000B7AI | 200 CONTINUE  |      |                |
| 71  | 70 | DAABCOC | RETURN  |      |                |
| 72 000880I 3 CONTINUE 1855 47 73 000830I IF(CTT .NE. 0.0) GO TO 301 1856 48 74 000868I DO 300 J=JS.JT 1858 51 75 0008E0I DO 300 J=JS.JT 1858 51 76 0008F8I DO 300 K=KS.KT 1859 52 77 00010I 300 APO(I,J,K)=0.0 1860 53 78 000684I RETURN 1861 54 79 00068AI DO 310 I=IS.IT 1862 55 30 00068AI DO 310 J=JS.JT 1863 56 81 -0002C2I DO 310 J=JS.JT 1864 57 82 00068AI DO 310 K=KS.KT 1865 58 83 000002I APO(I,J,K)=DENO(I,J,K)/DTT 1866 59 84 000024I UO(I,J,K)=DENO(I,J,K)/DTT 1866 69 85 000070I VO(I,J,K)=DENO(I,J,K) 1867 60 85 000070I VO(I,J,K)=H(I,J,K) 1868 61 86 00086I UO(I,J,K)=H(I,J,K) 1869 62 87 000E08I TMO(I,J,K)=TM(I,J,K) 1870 63 88 000E54I DKO(I,J,K)=DE(I,J,K) 1871 64 90 000EECI 310 CONTINUE 1873 66  | 71 |         | Cupdate unsteady coeff.   |      |                |
| 73 0003301  | 72 | 1088000 | 3 CONTINUE  |      | 47             |
| 74 0008C8I  | 73 | 1066000 | IF(CTT .NE. 0.0) GO TO 301  |      |                |
| 75 0008E0I  | 74 | 0008681 | T1,21=1 00E 0G  |      |                |
| 76 0008F8I  | 75 |         | TL, 2L=L 008 00   |      |                |
| 77 GOOC10I 300 APO(I,J,K)=0.0 1860 53 78 OGOC84I RETLRN 1861 54 79 OOOC84I 301 CONTINUE 1862 55 80 OOOC84I DO 310 I=IS,IT 1863 56 81 +000C42I DO 310 J=J\$,JT 1864 57 82 OOOC84I DO 310 K=K\$,KT 1865 58 83 OOOC02I APO(I,J,K)=DENO(I,J,K)/DTT 1866 59 84 OOOC24I UO(I,J,K)=U(I,J,K) 1867 60 85 OOODC4I UO(I,J,K)=U(I,J,K) 1868 61 86 OOODSCI WO(I,J,K)=W(I,J,K) 1868 61 86 OOODSCI WO(I,J,K)=TM(I,J,K) 1870 63 88 OOOE54I DKO(I,J,K)=TM(I,J,K) 1871 64 89 OOOE40I DEC(I,J,K)=DE(I,J,K) 1872 65 90 OOOEECI 310 CONTINUE 1873 66   | 76 | 0005F8I | 00 300 K=KS,KT  |      |                |
| 78 000C84I RETURN 79 000C8AI 301 CONTINUE 1862 55 30 000C8AI DO 310 I=IS,IT 81 000C8AI DO 310 J=JS,JT 82 000C8AI DO 310 K=KS,KT 83 000C02I APC(I,J,K)=DENG(I,J,K)/DTT 84 000D24I UO(I,J,K)=U(I,J,K) 85 000D70I VO(I,J,K)=V(I,J,K) 86 000BCI WO(I,J,K)=W(I,J,K) 87 000E0BI TMU(I,J,K)=TM(I,J,K) 88 000E54I DKO(I,J,K)=DE(I,J,K) 88 000E54I DKO(I,J,K)=DE(I,J,K) 89 000E6CI 310 CONTINUE 91 000F34I RETURN  | 77 | 0000101 | 300 APO(I,J,K)=0.0  | 1860 |                |
| 30       0000684I       DO 310 I=IS,IT       1863       56         81       +000062I       DO 310 J=JS,JT       1864       57         82       000068I       DO 310 K=KS,KT       1865       58         83       000002I       APC(I,J,K)=DENG(I,J,K)/DTT       1866       59         84       000024I       UG(I,J,K)=U(I,J,K)       1867       60         85       00070I       VO(I,J,K)=V(I,J,K)       1868       61         86       000BSCI       HO(I,J,K)=H(I,J,K)       1870       63         87       000E08I       TMO(I,J,K)=TM(I,J,K)       1870       63         88       000E54I       DKO(I,J,K)=DK(I,J,K)       1871       64         39       000EA0I       DEG(I,J,K)=DE(I,J,K)       1872       65         90       000EECI       310       CONTINUE       1873       66         91       000F34I       RETURN       1874       67  | 78 | 000C84I | RETURN  | 1861 |                |
| 81 -000CA21   | 79 | 1483000 | 301 CONTINUE  | 1862 | 5.5            |
| 82 000CBAI  | 30 |         |   | 1863 | 56             |
| 83 000CD2I APC(I,J,K)=DENO(I,J,K)/DTT 1866 59 84 000D24I UO(I,J,K)=U(I,J,K) 1867 60 85 000D70I VO(I,J,K)=V(I,J,K) 1868 61 86 000D8CI WO(I,J,K)=W(I,J,K) 1669 62 87 000E08I TMO(I,J,K)=TM(I,J,K) 1870 63 88 000E54I DKO(I,J,K)=DK(I,J,K) 1871 64 89 000EA0I DEC(I,J,K)=DE(I,J,K) 1872 65 90 000EECI 310 CONTINUE 1873 66 91 000F34I RETURN   | 81 |         |   | 1864 | 57             |
| 84       0000241       U0(I,J,K)=U(I,J,K)       1867       60         85       000D701       V0(I,J,K)=V(I,J,K)       1868       61         86       000D8C1       W0(I,J,K)=W(I,J,K)       1669       62         37       000E081       TMU(I,J,K)=TM(I,J,K)       1870       63         88       000E541       DKG(I,J,K)=DK(I,J,K)       1871       64         39       000EA01       DEG(I,J,K)=DE(I,J,K)       1872       65         90       000EEC1       310       CONTINUE       1873       66         91       000F341       RETURN       1874       67   |    |         | DO 310 K=KS/KT  | 1865 | 58             |
| 85 000D70I V0(I,J,K)=V(I,J,K) 86 000D8CI W0(I,J,K)=W(I,J,K) 87 000E08I TM0(I,J,K)=TM(I,J,K) 88 000E54I DK0(I,J,K)=DK(I,J,K) 89 000E40I DE0(I,J,K)=DE(I,J,K) 90 000EECI 310 CONTINUE 91 000F34I RETURN 1874 67   |    |         |   | 1866 | 5 <del>9</del> |
| 86 000BCI WO(I,J,K)=W(I,J,K) 37 000E08I TMU(I,J,K)=TM(I,J,K) 88 000E54I DKO(I,J,K)=DK(I,J,K) 39 000EA0I DEO(I,J,K)=DE(I,J,K) 90 000EECI 310 CONTINUE 1873 66 91 000F34I RETURN 1874 67  |    |         |   | 1867 | 60             |
| 37 000E08I TMU(I,J,K)=TM(I,J,K) 1870 63<br>88 000E54I DKO(I,J,K)=DK(I,J,K) 1871 64<br>39 000E40I DEO(I,J,K)=DE(I,J,K) 1872 65<br>90 000EECI 310 CONTINUE 1873 66<br>91 000F34I RETURN 1874 67   |    |         | AO(1'1'k)=A(1'1'k)  | 1868 | 61             |
| 88 000 5 4 I DKO(I,J,K) = DK(I,J,K) 1871 64<br>39 000 EAOI DEG(I,J,K) = DE(I,J,K) 1872 65<br>90 000 EECI 310 CONTINUE 1873 66<br>91 000 F 3 4 I RETURN 1874 67  |    |         | WO(I,J,K)=W(I,J,K)  | 1869 | 62             |
| 39 000EA0I DEG(I,J,K)=DE(I,J,K) 1872 65<br>90 000EECI 310 CONTINUE 1873 66<br>91 000F34I RETURN 1874 67   | -  |         |   | 1870 | 63             |
| 90 000EECI 310 CONTINUE 1873 66<br>91 000F34I RETURN 1874 67  |    |         |   | 1871 | 64             |
| 91 000F34I RETURN 1874 67   |    |         | The vertical and the contract of the contract | 1872 | 65             |
| 11 11111.1  |    |         |   |      |                |
| 92 JOUF3AI END 1875 68  |    |         |   |      |                |
|   | 92 | 1AE700C | END   | 1875 | 68             |

NO ERRORS:F7D RO5-01.OC SUBROUTINE SYMOUT 02/21/86 10:01:59 TABLE SPACE: 7 KB STATEMENT BUFFER: 20 LINES/1321 BYTES STACK SPACE: 131 WORDS SINGLE PRECISION FLOATING PT SUPPORT REQUIRED FOR EXECUTION