

BILLY  
BUDD  
CREEK

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 HEC2 RELEASE DATED NOV 76 UPDATED JULY 1979  
 ERROR CORR - 01,02,03  
 MODIFICATION - 50,51,52,53  
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C  
 T1 FPMS BRANCH, GOLDSHORO FIS  
 T2 10 YR NATURAL  
 T3 BILLY BHOOD CREEK

J1	ICHECK	INO	NINV	IDIR	STRT	METRIC	HVINS	Q	WSEL	FO
	0.	2.	0.	0.	0.000000	0.00	0.0	0.	80.000	0.000
J2	NPROF	IPLT	PRFVS	XSECV	XSECH	FN	ALLDC	IHW	CHNIM	ITRACE
	1.000	0.000	-1.000	0.000	0.000	0.000	0.000	0.000	0.000	15.000
J3	VARIABLE CODES FOR SUMMARY PRINTOUT									
	38.000	1.000	3.000	42.000	41.000	0.000	38.000	1.000	13.000	14.000
	15.000	55.000	26.000	56.000	0.000	38.000	1.000	53.000	21.000	22.000
	54.000	4.000	0.000	150.000	201.000	0.000	0.000	0.000	0.000	0.000
NC	0.100	0.100	0.050	0.100	0.300	0.000	0.000	0.000	0.000	0.000
QT	6.000	540.000	870.000	1095.000	1615.000	1095.000	1095.000	0.000	0.000	0.000
X1	28430.000	17.000	700.000	740.000	5.000	5.000	5.000	0.000	0.000	0.000
GR	100.000	0.000	90.000	300.000	84.000	500.000	83.000	600.000	80.500	698.000
GR	90.700	700.000	77.600	702.000	78.600	718.000	90.800	720.000	78.400	722.000
GR	79.200	738.000	90.800	740.000	80.800	742.000	83.100	800.000	83.100	1000.000
GR	90.000	1100.000	100.000	1400.000	0.000	0.000	0.000	0.000	0.000	0.000
X1	28431.000	0.000	0.000	0.000	1.000	1.000	1.000	0.000	0.000	0.000
X1	28435.000	0.000	0.000	0.000	4.000	4.000	4.000	0.000	0.100	0.000
X1	28440.000	0.000	0.000	0.000	5.000	5.000	5.000	0.000	0.200	0.000
X1	28460.000	0.000	0.000	0.000	20.000	20.000	20.000	0.000	1.000	0.000
NC	0.110	0.110	0.060	0.200	0.400	0.000	0.000	0.000	0.000	0.000
QT	6.000	290.000	620.000	805.000	1365.000	845.000	845.000	0.000	0.000	0.000
ET	0.000	0.000	0.000	0.000	0.000	9.100	0.000	0.000	1015.000	1135.000
X1	50.000	14.000	1023.000	1032.000	50.000	50.000	50.000	0.000	0.000	0.000

GR	79.200	1024.000	79.100	1028.000	79.600	1030.000	82.100	1032.000	82.300	1050.000
GR	84.000	1320.000	86.000	1340.000	88.000	1370.000	90.000	1405.000	0.000	0.000
ET	0.000	0.000	0.000	0.000	0.000	9.100	0.000	0.000	1015.000	1135.000

XI	51.000	0.000	0.000	0.000	1.000	1.000	1.000	0.000	0.000	0.000
ET	0.000	0.000	0.000	0.000	0.000	9.100	0.000	0.000	1015.000	1135.000

XI	55.000	0.000	0.000	0.000	4.000	4.000	4.000	0.000	0.000	0.000
ET	0.000	0.000	0.000	0.000	0.000	9.100	0.000	0.000	1015.000	1135.000

XI	60.000	0.000	0.000	0.000	5.000	5.000	5.000	0.000	0.000	0.000
ET	0.000	0.000	0.000	0.000	0.000	9.100	0.000	0.000	1015.000	1135.000

XI	70.000	0.000	0.000	0.000	20.000	20.000	20.000	0.000	0.000	0.000
ET	0.000	0.000	0.000	0.000	0.000	9.100	0.000	0.000	1085.000	1130.000

XI	405.000	17.000	1093.000	1105.000	325.000	325.000	325.000	0.000	0.000	0.000
GR	92.000	785.000	90.300	1072.000	87.600	1082.000	82.300	1092.000	81.700	1093.000
GR	81.600	1095.000	80.100	1096.000	80.000	1100.000	80.500	1102.000	82.000	1103.000
GR	82.000	1108.000	84.000	1119.000	86.000	1126.000	88.000	1134.000	90.000	1147.000
GR	92.000	1182.000	94.000	1249.000	0.000	0.000	0.000	0.000	0.000	0.000
ET	0.000	9.100	9.100	9.100	0.000	7.100	1006.000	1041.000	1003.000	1044.000

XI	536.000	14.000	1017.000	1030.000	131.000	131.000	131.000	0.000	0.000	0.000
GR	92.000	900.000	90.600	1000.000	86.600	1010.000	84.600	1017.000	81.500	1018.000
GR	71.100	1021.000	81.300	1024.000	71.100	1026.000	81.400	1028.000	83.300	1030.000
GR	88.000	1040.000	89.900	1050.000	92.000	1100.000	94.000	1200.000	0.000	0.000
ET	0.000	0.000	0.000	0.000	0.000	9.100	0.000	0.000	1136.000	1178.000

XI	586.000	16.000	1151.000	1158.000	50.000	50.000	50.000	0.000	0.000	0.000
X3	10.000	0.000	0.000	0.000	0.000	0.000	0.000	88.000	88.000	0.000
GR	94.000	705.000	92.200	1045.000	91.600	1100.000	92.100	1127.000	90.600	1132.000
GR	86.600	1142.000	84.600	1151.000	81.000	1151.000	81.000	1158.000	83.300	1158.000
GR	88.000	1172.000	89.900	1182.000	90.600	1200.000	92.200	1250.000	92.900	1300.000
GR	94.000	1383.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
ET	0.000	0.000	0.000	9.100	0.000	0.000	0.000	0.000	1100.000	1383.000
ET	0.000	0.000	0.000	0.000	0.000	9.110	0.000	0.000	1110.000	1180.000
SE	0.000	1.630	2.500	0.000	7.000	0.000	45.000	0.000	80.800	81.000

\*\*\* WRB-2 FOREST HILL DRIVE \*\*\*

X1	654.000	0.000	0.000	0.000	68.000	68.000	68.000	0.000	0.000	0.000
X2	0.000	0.000	1.000	88.000	91.600	0.000	0.000	0.000	0.000	0.000
X3	10.000	0.000	0.000	0.000	0.000	0.000	0.000	91.600	92.600	0.000
BT	13.000	705.000	94.000	0.000	1045.000	92.200	0.000	1160.000	91.600	0.000
BT	1127.000	92.100	0.000	1151.000	92.600	0.000	1151.000	92.600	88.000	1158.000
BT	92.600	88.000	1158.000	92.600	0.000	1172.000	92.800	0.000	1200.000	93.200
BT	0.000	1250.000	94.100	0.000	1300.000	95.000	0.000	1383.000	95.700	0.000
ET	0.000	9.100	9.100	7.100	0.000	0.000	950.000	1250.000	984.000	1063.000
ET	0.000	0.000	0.000	0.000	0.000	9.110	0.000	0.000	990.000	1090.000

\*\*\* WRB-3 \*\*\*

X1	690.000	15.000	1017.000	1030.000	36.000	36.000	36.000	0.000	0.000	0.000
GR	94.000	615.000	92.500	900.000	90.600	1000.000	86.600	1010.000	84.600	1017.000
GR	81.500	1018.000	81.100	1021.000	81.300	1024.000	81.100	1026.000	81.400	1028.000

ET 0.000 0.000 0.000 0.000 0.000 9.110 0.000 0.000 1070.000 1230.000

\*\*\* WBB-4 \*\*\*

X1	1336.000	18.000	1107.000	1115.000	646.000	646.000	646.000	0.000	0.000	0.000
GR	94.000	945.000	92.000	960.000	88.900	1000.000	87.400	1025.000	87.100	1050.000
GR	87.200	1100.000	86.600	1107.000	83.300	1108.000	83.100	1110.000	82.900	1111.000
GR	83.000	1114.000	87.000	1115.000	87.100	1125.000	86.700	1175.000	87.000	1225.000
GR	90.000	1305.000	92.000	1450.000	94.000	1550.000	0.000	0.000	0.000	0.000
ET	0.000	0.000	0.000	0.000	0.000	9.110	0.000	0.000	1007.000	1167.000

\*\*\* WBB-5 \*\*\*

X1	1920.000	15.000	1024.000	1033.000	584.000	584.000	584.000	0.000	0.000	0.000
GR	94.300	1000.000	92.600	1010.000	90.200	1020.000	89.300	1024.000	87.900	1025.000
GR	87.800	1029.000	87.500	1031.000	87.100	1032.000	89.900	1033.000	89.600	1050.000
GR	88.700	1075.000	89.200	1150.000	90.000	1260.000	92.000	1302.000	94.000	1338.000
NC	0.120	0.120	0.060	0.200	0.400	0.000	0.000	0.000	0.000	0.000
ET	0.000	0.000	0.000	0.000	0.000	9.110	0.000	0.000	1120.000	1270.000

X1	2235.000	18.000	1145.000	1155.000	315.000	315.000	315.000	0.000	0.000	0.000
GR	102.000	985.000	98.000	1030.000	96.000	1060.000	94.000	1100.000	92.000	1135.000
GR	90.000	1145.000	89.300	1148.000	87.900	1149.000	87.700	1151.000	87.800	1153.000
GR	87.500	1154.000	90.000	1155.000	92.000	1290.000	94.000	1300.000	96.000	1376.000
GR	98.000	1385.000	100.000	1400.000	102.000	1500.000	0.000	0.000	0.000	0.000
ET	0.000	0.000	0.000	0.000	0.000	9.110	0.000	0.000	1230.000	1360.000

X1	2285.000	15.000	1258.000	1262.000	50.000	50.000	50.000	0.000	0.000	0.000
X3	10.000	0.000	0.000	0.000	0.000	0.000	0.000	93.000	93.000	0.000
GR	102.400	1000.000	101.300	1050.000	100.300	1075.000	100.300	1095.000	98.000	1138.000
GR	94.000	1208.000	92.000	1244.000	89.400	1258.000	87.800	1258.000	87.800	1262.000
GR	90.000	1262.000	92.000	1400.000	90.000	1454.000	100.900	1515.000	102.000	1596.000
SR	0.000	2.000	2.500	0.000	0.000	0.000	20.000	0.000	87.800	87.800
ET	0.000	0.000	0.000	0.000	0.000	9.110	0.000	0.000	1230.000	1360.000

\*\*\* WBB-6 SR 1565 \*\*\*

X1	2335.000	18.000	1258.000	1262.000	50.000	50.000	50.000	0.000	0.000	0.000
X2	0.000	0.000	1.000	92.800	98.600	0.000	0.000	0.000	0.000	0.000
X3	10.000	0.000	0.000	0.000	0.000	0.000	0.000	98.600	.600	0.000
BT	15.000	1075.000	104.000	0.000	1120.000	100.000	0.000	1200.000	95.000	0.000
BT	1225.000	98.200	0.000	1245.000	98.600	0.000	1258.000	98.600	92.800	1258.000
BT	98.600	87.800	1262.000	98.600	87.800	1262.000	98.600	0.000	1262.000	98.600
BT	0.000	1335.000	98.500	0.000	1375.000	98.800	0.000	1495.000	100.600	0.000
BT	1580.000	101.900	0.000	1660.000	104.000	0.000	0.000	0.000	0.000	0.000
GR	104.000	1075.000	100.000	1120.000	94.000	1200.000	92.000	1225.000	90.000	1245.000
GR	90.000	1258.000	87.800	1258.000	87.800	1262.000	89.000	1262.000	90.000	1265.000
GR	90.000	1270.000	97.400	1335.000	95.000	1375.000	92.000	1425.000	94.000	1495.000
GR	100.000	1580.000	102.000	1660.000	104.000	1710.000	0.000	0.000	0.000	0.000
ET	0.000	0.000	0.000	0.000	0.000	9.110	0.000	0.000	1230.000	1360.000

X1	2385.000	0.000	0.000	0.000	50.000	50.000	50.000	0.000	0.000	0.000
ET	0.000	0.000	0.000	0.000	0.000	9.110	0.000	0.000	1080.000	1210.000

X1	2417.000	16.000	1135.000	1139.000	32.000	32.000	32.000	0.000	0.500	0.000
X3	10.000	0.000	0.000	0.000	0.000	0.000	0.000	93.000	93.000	0.000
GR	104.000	950.000	100.000	1000.000	98.000	1028.000	94.000	1075.000	90.000	1120.000
GR	90.000	1134.000	87.700	1135.000	87.700	1139.000	89.000	1139.000	90.000	1142.000

GR	102.000	1595.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
SR	0.000	2.090	2.500	0.000	4.000	0.000	20.000	0.000	87.700	88.000	
ET	0.000	0.000	0.000	0.000	0.000	9.110	0.000	0.000	1090.000	1220.000	

\*\*\* W80-7A SR 1631 \*\*\*

X1	2523.000	22.000	1135.000	1139.000	106.000	106.000	106.000	0.000	0.000	0.000	
X2	0.000	0.000	1.000	92.700	97.800	0.000	0.000	0.000	0.000	0.000	
X3	10.000	0.000	0.000	0.000	0.000	0.000	0.000	97.800	97.800	0.000	
BT	15.000	860.000	104.000	0.000	885.000	102.000	0.000	893.200	100.600	0.000	
BT	1000.000	98.900	0.000	1025.000	98.700	0.000	1088.000	98.200	0.000	1135.000	
BT	97.800	0.000	1135.000	97.800	92.700	1139.000	97.800	92.700	1135.000	97.800	
BT	0.000	1200.000	97.300	0.000	1300.000	97.400	0.000	1404.000	99.100	0.000	
BT	1410.000	100.000	0.000	1470.000	102.000	0.000	0.000	0.000	0.000	0.000	
GR	104.000	860.000	102.000	885.000	100.600	893.000	96.000	940.000	92.100	1000.000	
GR	91.000	1025.000	90.300	1088.000	90.400	1113.000	91.100	1133.000	90.000	1135.000	
GR	87.700	1135.000	87.700	1139.000	89.000	1139.000	90.900	1142.000	90.900	1200.000	
GR	91.000	1240.000	92.000	1260.000	94.000	1350.000	96.000	1380.000	99.100	1404.000	
GR	100.000	1410.000	102.000	1470.000	0.000	0.000	0.000	0.000	0.000	0.000	
QT	6.000	275.000	600.000	815.000	1315.000	815.000	815.000	0.000	0.000	0.000	
ET	0.000	0.000	0.000	0.000	0.000	9.110	0.000	0.000	1090.000	1220.000	

\*\*\* W8B-7 \*\*\*

X1	2560.000	23.000	1121.000	1130.000	37.000	37.000	37.000	0.000	0.000	0.000	
GR	104.000	855.000	102.000	875.000	100.000	885.000	94.000	950.000	91.400	1000.000	
GR	90.700	1025.000	90.300	1075.000	90.400	1100.000	91.100	1120.000	90.200	1121.000	
GR	87.900	1122.000	87.900	1124.000	88.900	1126.000	89.200	1128.000	90.900	1130.000	
GR	90.800	1150.000	90.700	1175.000	90.900	1225.000	92.000	1250.000	94.000	1340.000	
GR	96.000	1370.000	100.000	1400.000	102.000	1460.000	0.000	0.000	0.000	0.000	
QT	6.000	255.000	550.000	760.000	1220.000	760.000	760.000	0.000	0.000	0.000	
ET	0.000	0.000	0.000	0.000	0.000	9.110	0.000	0.000	1040.000	1170.000	

\*\*\* W8B-8 \*\*\*

X1	2450.000	22.000	1115.000	1126.000	290.000	290.000	290.000	0.000	0.000	0.000	
GR	104.000	953.000	100.000	965.000	98.000	973.000	95.000	1000.000	92.100	1025.000	
GR	91.700	1071.000	91.500	1072.000	91.300	1075.000	91.500	1082.000	90.900	1084.000	
GR	90.900	1086.000	91.400	1087.000	91.600	1088.000	92.200	1115.000	90.500	1117.000	
GR	90.200	1123.000	91.000	1125.000	92.000	1126.000	92.000	1200.000	96.700	1210.000	
GR	100.000	1260.000	102.000	1330.000	0.000	0.000	0.000	0.000	0.000	0.000	
ET	0.000	0.000	0.000	0.000	0.000	9.110	0.000	0.000	1010.000	1120.000	

\*\*\* W8B-9 \*\*\*

X1	3510.000	20.000	1035.000	1048.000	660.000	660.000	660.000	0.000	0.000	0.000	
GR	102.000	968.000	98.400	1010.000	96.700	1020.000	96.200	1030.000	94.500	1035.000	
GR	93.500	1038.000	92.500	1045.000	92.500	1047.000	94.300	1048.000	94.400	1050.000	
GR	94.200	1082.000	93.700	1083.000	93.600	1087.000	94.100	1089.000	94.400	1125.000	
GR	95.200	1140.000	96.600	1145.000	97.700	1150.000	100.000	1215.000	102.000	1270.000	
QT	6.000	240.000	520.000	710.000	1150.000	710.000	710.000	0.000	0.000	0.000	
ET	0.000	9.100	0.000	0.000	0.000	0.000	0.000	0.000	1058.000	1095.000	
ET	0.000	0.000	0.000	0.000	0.000	9.110	0.000	0.000	1050.000	1160.000	

X1	3827.000	16.000	1071.000	1082.000	317.000	317.000	317.000	0.000	-0.600	0.000	
GR	104.400	1000.000	102.800	1025.000	100.700	1050.000	99.100	1061.000	97.200	1066.000	
GR	95.900	1071.000	95.300	1073.000	95.000	1076.000	94.700	1078.000	94.600	1080.000	
GR	96.500	1082.000	96.600	1100.000	96.400	1175.000	100.400	1200.000	104.000	1250.000	
GR	106.000	1280.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
ET	0.000	0.000	0.000	0.000	0.000	9.110	0.000	0.000	1150.000	1260.000	

X1	3877.000	18.000	1177.000	1181.000	50.000	50.000	50.000	0.000	-0.300	0.000
X3	10.000	0.000	0.000	0.000	0.000	0.000	0.000	100.600	100.600	0.000
GR	105.800	1000.000	105.000	1050.000	104.400	1100.000	100.700	1150.000	94.100	1161.000
GR	97.200	1166.000	95.900	1171.000	95.300	1173.000	95.200	1177.000	93.600	1177.000
GR	93.600	1181.000	96.500	1181.000	96.600	1200.000	96.300	1250.000	96.400	1275.000
GR	100.400	1300.000	104.000	1350.000	106.000	1380.000	0.000	0.000	0.000	0.000
SB	0.000	2.420	2.500	0.000	4.000	0.000	20.000	0.000	93.600	93.300
ET	0.000	0.000	0.000	0.000	0.000	9.110	0.000	0.000	1150.000	1260.000

\*\*\* WBB-10 BR 1567 \*\*\*

X1	3542.000	0.000	0.000	0.000	65.000	65.000	65.000	0.000	0.300	0.000
X2	0.000	0.000	1.000	98.600	103.600	0.000	0.000	0.000	0.000	0.000
X3	10.000	0.000	0.000	0.000	0.000	0.000	0.000	103.800	103.800	0.000
BT	14.000	1000.000	105.800	0.000	1050.000	105.000	0.000	1100.000	104.400	0.000
BT	1150.000	103.800	0.000	1177.000	103.600	0.000	1177.000	103.600	98.600	1181.000
BT	103.600	98.600	1181.000	103.600	0.000	1200.000	103.600	0.000	1250.000	103.600
BT	0.000	1275.000	103.600	0.000	1300.000	103.700	0.000	1350.000	104.000	0.000
BT	1380.000	106.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
ET	0.000	4.100	0.000	0.000	0.000	0.000	0.000	0.000	1007.000	1147.000
ET	0.000	0.000	0.000	0.000	0.000	9.110	0.000	0.000	1045.000	1155.000

\*\*\* WBB-11 \*\*\*

X1	4010.000	17.000	1071.000	1082.000	68.000	68.000	68.000	0.000	0.000	0.000
GR	106.000	950.000	104.400	1000.000	102.800	1025.000	100.700	1050.000	95.100	1061.000
GR	97.200	1066.000	95.900	1071.000	95.300	1073.000	95.000	1076.000	94.700	1078.000
GR	94.600	1080.000	96.500	1082.000	96.600	1100.000	96.400	1175.000	100.400	1200.000
GR	104.000	1250.000	106.000	1280.000	0.000	0.000	0.000	0.000	0.000	0.000
ET	0.000	0.000	0.000	0.000	0.000	4.110	0.000	0.000	995.000	1105.000

\*\*\* WBB-12 \*\*\*

X1	4550.000	18.000	1021.000	1032.000	540.000	540.000	540.000	0.000	0.000	0.000
GR	108.000	955.000	104.000	982.000	101.800	1000.000	101.100	1012.000	97.600	1021.000
GR	96.800	1022.000	96.600	1027.000	96.800	1029.000	97.000	1031.000	97.400	1032.000
GR	97.800	1050.000	98.300	1100.000	97.900	1125.000	98.400	1150.000	100.400	1175.000
GR	100.700	1200.000	104.000	1260.000	108.000	1310.000	0.000	0.000	0.000	0.000
BT	6.000	220.000	480.000	665.000	1075.000	665.000	665.000	0.000	0.000	0.000
ET	0.000	0.000	0.000	0.000	0.000	9.110	0.000	0.000	1040.000	1130.000

\*\*\* WBB-13 \*\*\*

X1	4865.000	14.000	1077.000	1086.000	315.000	315.000	315.000	0.000	0.000	0.000
GR	110.000	922.000	106.000	960.000	102.300	1025.000	100.400	1075.000	100.200	1077.000
GR	99.300	1078.000	99.000	1082.000	99.400	1084.000	100.100	1086.000	100.100	1100.000
GR	101.800	1150.000	106.000	1207.000	108.000	1240.000	110.000	1305.000	0.000	0.000
ET	0.000	0.000	0.000	0.000	0.000	9.110	0.000	0.000	1020.000	1110.000

\*\*\* WBB-14 \*\*\*

X1	5340.000	13.000	1047.000	1055.000	475.000	475.000	475.000	0.000	0.000	0.000
GR	110.000	942.000	106.700	1000.000	104.800	1025.000	102.100	1047.000	99.800	1049.000
GR	99.900	1054.000	99.600	1054.000	101.900	1055.000	102.000	1075.000	102.100	1125.000
GR	103.700	1175.000	108.000	1225.000	110.000	1308.000	0.000	0.000	0.000	0.000
BT	6.000	200.000	480.000	610.000	990.000	610.000	610.000	0.000	0.000	0.000
ET	0.000	0.000	0.000	0.000	0.000	9.110	0.000	0.000	1040.000	1130.000











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 HEC2 RELEASE DATED NOV 76 UPDATED JULY 1979  
 ERROR CORR - 01,02,03  
 MODIFICATION - 50,51,52,53  
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NOTE- ASTERISK (\*) AT LEFT OF CROSS-SECTION NUMBER INDICATES MESSAGE IN SUMMARY OF ERRORS LIST

BILLY BUDD CREEK

SUMMARY PRINTOUT

SECTNO	CWSEL	FG	FLMIN	LLLC
* 28430.000	80.51	81.50	77.60	0.00
* 28430.000	81.47	82.47	77.60	0.00
28430.000	82.00	82.92	77.60	0.00
28430.000	83.60	83.89	77.60	0.00
28431.000	80.85	81.56	77.60	0.00
28431.000	81.60	82.52	77.60	0.00
28431.000	82.26	82.96	77.60	0.00
28431.000	83.61	83.89	77.60	0.00
28435.000	80.93	81.66	77.70	0.00
28435.000	81.85	82.60	77.70	0.00
28435.000	82.29	83.04	77.70	0.00
28435.000	83.60	83.94	77.70	0.00
28440.000	80.98	81.82	77.90	0.00
28440.000	81.82	82.77	77.90	0.00
* 28440.000	82.23	83.22	77.90	0.00
28440.000	83.51	84.05	77.90	0.00
* 28460.000	81.81	82.80	78.90	0.00
* 28460.000	82.76	83.71	78.90	0.00
* 28460.000	83.24	84.22	78.90	0.00
* 28460.000	84.25	85.00	78.90	0.00
50.000	83.60	83.73	79.10	0.00
50.000	84.39	84.48	79.10	0.00
50.000	84.78	84.86	79.10	0.00
50.000	85.45	85.54	79.10	0.00
51.000	83.62	83.73	79.10	0.00
51.000	84.40	84.48	79.10	0.00
51.000	84.79	84.87	79.10	0.00
51.000	85.46	85.54	79.10	0.00
55.000	83.64	83.75	79.10	0.00
55.000	84.42	84.50	79.10	0.00
55.000	84.81	84.89	79.10	0.00
55.000	85.47	85.56	79.10	0.00

SECNO	CWSEL	EG	ELMIN	ELLC
60.000	83.67	83.78	79.10	0.00
60.000	84.44	84.52	79.10	0.00
60.000	84.83	84.91	79.10	0.00
60.000	85.50	85.58	79.10	0.00
80.000	83.78	83.86	79.10	0.00
80.000	84.54	84.60	79.10	0.00
80.000	84.91	84.98	79.10	0.00
80.000	85.58	85.66	79.10	0.00
405.000	85.13	85.36	80.00	0.00
405.000	86.09	86.65	80.00	0.00
405.000	86.50	87.32	80.00	0.00
405.000	87.19	88.66	80.00	0.00
536.000	85.87	86.24	81.10	0.00
536.000	87.40	88.15	81.10	0.00
536.000	88.17	89.13	81.10	0.00
536.000	89.72	90.98	81.10	0.00
586.000	86.13	87.14	81.00	0.00
586.000	87.21	90.37	81.00	0.00
586.000	89.07	89.90	81.00	0.00
586.000	91.06	91.76	81.00	0.00
654.000	88.95	89.49	81.00	88.00
654.000	89.63	91.26	81.00	88.00
654.000	92.72	92.81	81.00	88.00
654.000	93.41	93.50	81.00	88.00
690.000	89.60	89.66	81.10	0.00
690.000	91.55	91.67	81.10	0.00
690.000	92.75	92.86	81.10	0.00
690.000	93.44	93.59	81.10	0.00
1336.000	89.88	89.88	82.90	0.00
1336.000	91.87	91.87	82.90	0.00
1336.000	93.02	93.02	82.90	0.00
1336.000	93.83	93.84	82.90	0.00
1920.000	86.19	86.24	87.10	0.00
1920.000	92.03	92.04	87.10	0.00
1920.000	93.13	93.14	87.10	0.00
1920.000	94.00	94.01	87.10	0.00
2235.000	92.14	92.24	87.50	0.00
2235.000	92.65	92.85	87.50	0.00
2235.000	93.50	93.62	87.50	0.00
2235.000	94.44	94.56	87.50	0.00
2285.000	93.08	93.09	87.80	0.00
2285.000	93.17	93.22	87.80	0.00
2285.000	93.82	93.87	87.80	0.00
2285.000	94.74	94.80	87.80	0.00

SECNO	CWSEL	EG	ELMIN	ELLC
2335.000	98.69	98.69	87.80	92.80
2335.000	99.38	99.38	87.80	92.80
2335.000	99.67	99.67	87.80	92.80
2335.000	100.15	100.15	87.80	92.80
2385.000	98.69	98.69	87.80	0.00
2385.000	99.38	99.38	87.80	0.00
2385.000	99.67	99.67	87.80	0.00
2385.000	100.16	100.16	87.80	0.00
2417.000	98.69	98.70	88.00	0.00
2417.000	99.38	99.39	88.00	0.00
2417.000	99.67	99.68	88.00	0.00
2417.000	100.16	100.17	88.00	0.00
2523.000	98.74	98.73	87.70	92.70
2523.000	99.44	99.45	87.70	92.70
2523.000	99.75	99.75	87.70	92.70
2523.000	100.26	100.26	87.70	92.70
2560.000	98.74	98.74	87.90	0.00
2560.000	99.45	99.45	87.90	0.00
2560.000	99.75	99.75	87.90	0.00
2560.000	100.26	100.27	87.90	0.00
2850.000	98.70	98.70	90.20	0.00
2850.000	99.45	99.45	90.20	0.00
2850.000	99.76	99.76	90.20	0.00
2850.000	100.28	100.29	90.20	0.00
3510.000	98.76	98.77	92.50	0.00
3510.000	99.51	99.53	92.50	0.00
3510.000	99.86	99.88	92.50	0.00
3510.000	100.48	100.52	92.50	0.00
3827.000	98.80	98.55	94.00	0.00
3827.000	99.69	99.72	94.00	0.00
3827.000	100.12	100.16	94.00	0.00
3827.000	100.90	100.96	94.00	0.00
* 3877.000	98.10	100.53	97.30	0.00
* 3877.000	100.60	100.62	97.30	0.00
* 3877.000	100.83	100.85	97.30	0.00
3877.000	101.03	101.08	97.30	0.00
3942.000	102.86	103.52	97.60	98.60
3942.000	104.39	104.39	97.60	98.60
3942.000	104.62	104.62	97.60	98.60
3942.000	105.04	105.05	97.60	98.60
4010.000	103.65	103.66	94.60	0.00
4010.000	104.39	104.39	94.60	0.00
4010.000	104.63	104.65	94.60	0.00
4010.000	105.05	105.07	94.60	0.00

SECNO	CWSEL	EG	FLMIN	FLLC
4550.000	103.68	103.68	96.60	0.00
4550.000	104.43	104.40	96.60	0.00
4550.000	104.70	104.70	96.60	0.00
4550.000	105.20	105.21	96.60	0.00
4865.000	103.70	103.71	99.00	0.00
4865.000	104.49	104.51	99.00	0.00
4865.000	104.78	104.82	99.00	0.00
4865.000	105.37	105.42	99.00	0.00
5340.000	104.06	104.08	99.60	0.00
5340.000	105.08	105.12	99.60	0.00
5340.000	105.56	105.61	99.60	0.00
5340.000	106.43	106.49	99.60	0.00
* 6060.000	106.75	107.18	103.00	0.00
6060.000	107.76	108.00	103.00	0.00
6060.000	108.32	108.51	103.00	0.00
6060.000	109.24	109.39	103.00	0.00

BILLY BUDD CREEK

SUMMARY PRINTOUT

SECNO	CWSEL	QLOB	QCH	QROB	VLOB	VCH	VRCH
* 28430.000	80.51	0.50	539.50	0.00	0.63	8.01	0.00
" 28430.000	81.47	41.61	821.89	6.50	1.67	8.25	1.15
" 28430.000	82.00	103.64	962.90	28.46	1.97	8.18	1.56
" 28430.000	83.60	424.75	946.02	244.22	1.65	5.45	1.23
" 28431.000	80.85	5.12	534.88	0.00	0.93	6.80	0.02
" 28431.000	81.80	56.21	788.24	15.55	1.62	7.11	1.23
" 28431.000	82.26	130.51	923.12	41.37	1.86	7.29	1.53
" 28431.000	83.61	425.89	943.14	245.97	1.65	5.43	1.23
" 28435.000	80.93	0.63	535.37	0.00	0.92	6.87	0.02
" 28435.000	81.85	62.59	793.33	14.08	1.63	7.26	1.22
" 28435.000	82.29	122.91	934.50	37.60	1.89	7.54	1.54
" 28435.000	83.60	408.14	907.38	219.48	1.73	5.6	1.27
" 28440.000	80.98	2.22	537.78	0.00	0.83	7.35	0.00
" 28440.000	81.82	45.45	816.80	7.75	1.67	8.05	1.17
" 28440.000	82.23	96.95	972.60	25.05	1.99	8.42	1.56
" 28440.000	83.51	350.69	1115.38	148.93	1.99	6.98	1.54
* 28460.000	81.81	0.50	539.49	0.00	0.63	8.01	0.00
" 28460.000	82.76	41.06	822.61	6.33	1.67	8.28	1.14
" 28460.000	83.24	97.35	972.02	25.63	1.99	8.41	1.56
" 28460.000	84.25	295.20	1202.31	117.46	2.31	7.99	2.00
" 50.000	83.60	14.82	139.25	130.93	1.55	3.93	0.82
" 50.000	84.39	31.00	174.97	414.02	1.63	4.11	1.10
" 50.000	84.78	37.34	192.52	615.15	1.66	4.18	1.24
" 50.000	85.45	52.63	236.89	1075.08	1.80	4.55	1.56
" 51.000	83.62	19.68	137.32	133.00	1.52	3.85	0.81
" 51.000	84.40	30.81	172.21	415.98	1.61	4.06	1.10
" 51.000	84.79	37.17	190.94	616.89	1.64	4.13	1.25
" 51.000	85.46	52.53	235.93	1076.50	1.79	4.52	1.55
" 55.000	83.64	19.60	136.22	134.18	1.50	3.81	0.80
" 55.000	84.42	30.69	172.10	417.21	1.60	4.02	1.09
" 55.000	84.81	37.08	190.06	617.87	1.63	4.10	1.24
" 55.000	85.47	52.44	234.97	1077.59	1.74	4.49	1.55
" 60.000	83.67	19.40	133.70	136.90	1.47	3.71	0.79
" 60.000	84.44	30.43	169.66	419.91	1.57	3.94	1.08
" 60.000	84.83	36.87	188.11	620.02	1.61	4.05	1.23
" 60.000	85.50	52.27	232.25	1079.09	1.76	4.44	1.53
" 80.000	83.78	18.67	124.33	147.00	1.33	3.36	0.73
" 80.000	84.54	29.52	161.10	429.39	1.46	3.68	1.03
" 80.000	84.91	36.12	181.06	627.82	1.52	3.83	1.19
" 80.000	85.58	51.65	226.96	1086.39	1.69	4.26	1.49
" 405.000	85.13	14.68	202.62	72.70	1.37	4.48	1.76
" 405.000	86.09	40.09	395.25	184.65	2.27	7.21	2.97
" 405.000	86.50	59.25	519.46	266.29	2.80	8.81	3.69
" 405.000	87.19	107.39	793.76	463.85	3.87	12.07	5.15

SECNO	CWSEL	QLOB	QCH	QROB	VLOR	VCH	VPCB
536.000	85.87	2.40	278.44	9.15	0.85	4.95	1.30
536.000	87.40	26.29	555.51	38.20	1.96	7.30	2.13
536.000	88.17	55.23	726.08	65.64	2.53	8.44	2.60
536.000	89.72	136.49	1066.75	161.75	3.73	10.05	3.30
586.000	86.13	0.00	290.00	0.00	0.00	2.07	0.00
* 586.000	87.21	0.00	620.00	0.00	0.00	14.26	0.00
586.000	89.07	144.23	505.23	195.54	3.69	8.53	2.82
586.000	91.06	303.61	630.66	430.73	4.10	8.96	2.76
654.000	88.95	0.00	290.00	0.00	0.00	5.52	0.00
654.000	89.63	0.00	620.00	0.00	0.00	10.26	0.00
654.000	92.72	206.48	293.74	344.78	1.52	3.58	1.34
654.000	93.41	442.40	368.42	554.18	1.13	4.24	1.53
690.000	89.60	28.27	228.23	33.50	0.72	2.18	0.72
690.000	91.55	86.64	421.57	109.78	1.06	3.24	1.07
690.000	92.75	165.41	480.32	199.27	0.92	3.30	0.90
690.000	93.44	350.31	656.46	358.23	0.93	4.25	1.10
1336.000	89.88	93.40	42.05	154.15	0.74	0.83	0.35
1336.000	91.87	211.11	52.89	355.00	0.39	0.81	0.37
1336.000	93.02	283.65	59.05	562.30	0.00	0.78	0.37
1336.000	93.83	451.20	82.84	829.66	0.50	1.02	0.49
1920.000	90.19	1.21	66.10	222.30	0.70	2.23	1.16
1920.000	92.33	9.75	65.04	565.22	0.61	1.75	0.80
1920.000	93.13	18.47	72.76	753.87	0.56	1.54	0.71
1920.000	94.00	36.30	165.67	1222.90	0.75	1.52	0.69
2235.000	92.14	16.91	150.21	188.87	0.50	1.53	0.96
2235.000	92.68	25.57	216.67	373.76	1.32	5.19	1.80
2235.000	93.50	55.59	220.63	563.78	1.29	4.51	1.60
2235.000	94.44	124.87	293.83	906.31	1.03	4.95	1.91
* 2285.000	93.08	36.40	37.96	221.64	0.65	1.50	0.74
2285.000	93.17	68.68	77.86	476.46	1.40	3.62	1.49
2285.000	93.82	97.21	92.76	665.02	1.35	3.00	1.52
2285.000	94.74	182.73	100.52	1081.65	1.07	3.52	1.75
2335.000	98.60	89.01	14.15	186.84	0.16	0.32	0.10
2335.000	99.38	186.83	27.32	405.85	0.29	0.55	0.27
2335.000	99.67	253.11	35.80	556.08	0.27	0.75	0.25
2335.000	100.15	406.08	54.21	900.64	0.54	1.10	0.51
2385.000	98.69	89.01	14.15	186.84	0.16	0.32	0.10
2385.000	99.38	186.83	27.32	405.85	0.29	0.55	0.27
2385.000	99.67	253.10	35.80	556.10	0.27	0.75	0.25
2385.000	100.16	407.07	54.26	904.67	0.54	1.10	0.51
2417.000	98.65	146.63	29.59	110.38	0.28	0.60	0.22
2417.000	99.38	302.44	55.97	261.58	0.50	1.23	0.45
2417.000	99.67	408.25	72.55	366.20	0.23	1.55	0.49
2417.000	100.16	640.61	107.96	617.03	0.50	2.22	0.69

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SECNO	CWSEL	QLOB	QCH	QROR	VLCB	VCH	VROR
2523.000	98.74	134.68	7.51	147.81	0.10	0.17	0.09
2523.000	99.44	286.95	15.09	317.97	0.18	0.32	0.18
2523.000	99.75	390.56	20.07	438.37	0.24	0.42	0.23
2523.000	100.26	629.69	31.18	704.12	0.36	0.62	0.35
2560.000	98.74	123.54	16.67	154.79	0.09	0.19	0.08
2560.000	99.45	268.76	34.71	296.53	0.17	0.36	0.17
2560.000	99.75	364.71	46.29	403.99	0.22	0.47	0.22
2560.000	100.26	569.07	72.46	654.47	0.33	0.71	0.33
2850.000	98.74	131.76	31.68	91.56	0.16	0.36	0.16
2850.000	99.45	285.51	65.78	198.92	0.31	0.68	0.30
2850.000	99.76	394.65	89.90	275.85	0.41	0.90	0.39
2850.000	100.28	633.65	139.96	446.39	0.61	1.33	0.58
3510.000	98.76	13.91	65.39	175.79	0.21	0.90	0.39
3510.000	99.51	37.66	131.06	381.28	0.46	1.59	0.69
3510.000	99.86	56.64	175.46	527.90	0.61	2.62	0.87
3510.000	100.48	103.31	265.39	851.20	0.86	3.80	1.15
3827.000	98.80	25.21	167.56	47.82	1.22	1.59	1.28
3827.000	99.64	25.63	126.56	567.81	0.75	2.24	0.92
3827.000	100.12	37.60	184.93	567.23	0.89	2.70	1.13
3827.000	100.90	71.95	247.43	850.62	1.15	3.55	1.51
3877.000	98.10	0.00	280.00	0.00	0.00	12.49	0.00
3877.000	100.60	68.72	47.77	411.50	0.81	1.58	0.85
3877.000	100.83	89.43	57.62	562.90	1.03	1.92	1.10
3877.000	101.03	146.61	98.56	512.68	1.37	2.93	1.76
3942.000	102.86	0.00	70.00	0.00	0.00	6.67	0.00
3942.000	104.35	84.41	28.46	467.14	0.32	0.66	0.30
3942.000	104.62	118.03	37.06	558.66	0.41	0.88	0.53
3942.000	105.00	200.26	58.73	891.00	0.65	1.68	0.79
4010.000	103.65	53.98	65.16	140.88	0.22	0.70	0.30
4010.000	104.39	55.49	85.65	275.82	0.27	0.88	0.36
4010.000	104.63	78.14	119.50	511.77	0.35	1.15	0.49
4010.000	105.05	137.07	187.55	525.00	0.53	1.72	0.74
4550.000	103.68	11.25	37.88	196.87	0.16	0.56	0.20
4550.000	104.43	28.58	76.06	414.56	0.20	0.91	0.37
4550.000	104.76	41.72	102.00	566.28	0.24	1.18	0.48
4550.000	105.20	73.96	158.47	917.50	0.31	1.72	0.71
4865.000	103.70	61.12	52.30	106.58	0.03	1.34	0.50
4865.000	104.49	100.23	97.98	233.82	0.11	2.11	0.81
4865.000	104.78	211.52	129.32	320.15	0.16	2.64	1.02
4865.000	105.37	358.90	192.00	529.06	0.22	3.54	1.48
5340.000	104.08	7.77	64.32	188.50	0.08	2.07	0.74
5340.000	105.02	27.11	101.04	351.85	0.15	2.50	1.05
5340.000	105.56	45.31	125.67	494.02	0.20	2.95	1.23
5340.000	106.43	93.93	173.66	807.41	0.25	3.50	1.53

SECNO	CWSEL	ALOB	ACH	DROR	VLOR	VCH	VRCB
* 6060.000	106.75	3.27	149.99	46.74	1.02	6.07	1.19
6060.000	107.76	20.94	186.21	232.85	1.36	5.68	1.74
6060.000	108.32	41.51	202.95	365.53	1.50	5.44	1.82
6060.000	109.24	93.70	238.02	658.28	1.59	5.33	1.96

BILLY BUDD CREEK

SUMMARY PRINTOUT

SECNO	CWSEL	SSTA	STCHL	STCHR	ENOST	TOPWIC
* 28430.000	80.51	690.41	700.00	740.00	738.23	40.95
* 28430.000	81.47	655.62	703.00	740.00	758.84	93.52
28430.000	82.00	636.30	700.00	740.00	772.26	126.82
28430.000	83.60	482.86	700.00	740.00	1007.25	516.92
28431.000	80.85	678.12	700.00	740.00	743.20	54.74
28431.000	81.80	643.62	700.00	740.00	767.17	114.21
28431.000	82.26	626.85	700.00	740.00	778.82	143.10
28431.000	83.61	482.66	700.00	740.00	1007.45	517.22
28435.000	80.93	678.96	700.00	740.00	742.62	53.24
28435.000	81.85	645.30	700.00	740.00	766.00	111.30
28435.000	82.29	629.51	700.00	740.00	776.97	138.52
28435.000	83.60	485.63	700.00	740.00	1005.84	512.64
28440.000	80.98	684.08	700.00	740.00	738.26	47.43
28440.000	81.82	653.64	700.00	740.00	760.21	96.94
* 28440.000	82.23	638.68	700.00	740.00	770.61	122.72
28440.000	83.51	493.93	700.00	740.00	1001.63	499.83
* 28460.000	81.81	690.39	700.00	740.00	738.23	40.97
* 28460.000	82.76	655.51	700.00	740.00	758.64	93.02
* 28460.000	83.20	638.54	700.00	740.00	770.70	122.96
* 28460.000	84.25	601.91	700.00	740.00	790.15	184.09
50.000	83.60	1015.84	1023.00	1032.00	1256.84	241.10
50.000	84.39	1014.36	1023.00	1032.00	1323.90	309.50
50.000	84.78	1013.72	1023.00	1032.00	1327.80	314.17
50.000	85.45	1012.51	1023.00	1032.00	1334.09	322.12
51.000	83.62	1015.80	1023.00	1032.00	1256.28	246.48
51.000	84.40	1014.33	1023.00	1032.00	1324.07	309.74
51.000	84.79	1013.59	1023.00	1032.00	1327.97	314.48
51.000	85.46	1012.34	1023.00	1032.00	1334.61	322.27
55.000	83.64	1015.78	1023.00	1032.00	1256.22	246.40
55.000	84.42	1014.31	1023.00	1032.00	1324.17	309.66
55.000	84.81	1013.57	1023.00	1032.00	1328.06	314.49
55.000	85.47	1012.32	1023.00	1032.00	1334.73	322.41
60.000	83.67	1015.73	1023.00	1032.00	1256.12	251.09
60.000	84.44	1014.26	1023.00	1032.00	1324.41	310.14
60.000	84.83	1013.53	1023.00	1032.00	1328.28	314.75
60.000	85.50	1012.27	1023.00	1032.00	1334.95	322.67
80.000	83.78	1015.52	1023.00	1032.00	1254.35	258.88
80.000	84.54	1014.10	1023.00	1032.00	1325.30	311.20
80.000	84.91	1013.38	1023.00	1032.00	1329.11	315.73
80.000	85.58	1012.12	1023.00	1032.00	1335.78	323.67
405.000	85.13	1086.66	1093.00	1103.00	1122.95	56.29
405.000	86.09	1084.94	1093.00	1103.00	1126.37	41.53
405.000	86.50	1084.07	1093.00	1103.00	1128.02	43.95
405.000	87.19	1082.78	1093.00	1103.00	1130.75	47.97

SECNO	CWSEL	SSTA	STCHL	STCHR	FNDST	TUPAID
536.000	85.87	1012.54	1017.00	1030.00	1035.48	22.94
536.000	87.40	1008.00	1017.00	1030.00	1038.73	36.73
536.000	88.17	1006.07	1017.00	1030.00	1040.50	34.82
536.000	89.72	1002.21	1017.00	1030.00	1049.04	46.83
586.000	86.13	1151.00	1151.00	1158.00	1158.00	7.00
586.000	87.21	1151.00	1151.00	1158.00	1158.00	7.00
586.000	89.07	1135.79	1151.00	1158.00	1177.70	41.91
586.000	91.06	1130.47	1151.00	1158.00	1214.75	83.88
654.000	88.95	1151.00	1151.00	1158.00	1158.00	7.00
654.000	89.63	1151.00	1151.00	1158.00	1158.00	7.00
654.000	92.72	1100.00	1151.00	1158.00	1286.93	186.93
654.000	93.41	817.25	1151.00	1158.00	1338.16	520.91
690.000	89.00	1002.49	1017.00	1030.00	1048.44	45.94
690.000	91.55	984.00	1017.00	1030.00	1063.00	79.00
690.000	92.75	950.00	1017.00	1030.00	1156.31	206.31
690.000	93.44	720.82	1017.00	1030.00	1208.23	487.41
1336.000	89.88	987.37	1107.00	1115.00	1401.76	314.38
1336.000	91.87	981.57	1107.00	1115.00	1441.20	479.64
1336.000	93.02	952.37	1107.00	1115.00	1500.84	548.47
1336.000	93.83	946.31	1107.00	1115.00	1541.29	594.99
1920.000	90.19	1020.05	1020.00	1033.00	1263.91	243.91
1920.000	92.04	1012.39	1020.00	1033.00	1402.09	290.10
1920.000	93.13	1006.87	1020.00	1033.00	1322.39	319.53
1920.000	94.00	1601.79	1020.00	1033.00	1437.82	336.13
2235.000	92.10	1132.45	1145.00	1155.00	1290.73	158.28
2235.000	92.68	1123.11	1145.00	1155.00	1294.10	170.29
2235.000	93.50	1108.69	1145.00	1155.00	1297.52	188.63
2235.000	94.44	1091.24	1145.00	1155.00	1315.73	224.09
2285.000	93.08	1224.55	1258.00	1262.00	1431.34	208.60
2285.000	93.17	1222.89	1258.00	1262.00	1430.01	211.12
2285.000	93.82	1211.31	1258.00	1262.00	1452.66	241.34
2285.000	94.74	1195.02	1258.00	1262.00	1460.13	269.11
2335.000	98.69	1137.41	1258.00	1262.00	1561.50	424.05
2335.000	99.38	1128.25	1258.00	1262.00	1571.23	442.96
2335.000	99.67	1124.41	1258.00	1262.00	1575.42	450.91
2335.000	100.15	1118.26	1258.00	1262.00	1586.18	467.91
2385.000	98.69	1137.41	1258.00	1262.00	1561.50	424.10
2385.000	99.38	1128.24	1258.00	1262.00	1571.25	443.01
2385.000	99.67	1124.39	1258.00	1262.00	1575.34	450.96
2385.000	100.16	1118.25	1258.00	1262.00	1586.30	468.07
2417.000	98.69	1022.07	1135.00	1139.00	1359.75	337.28
2417.000	99.38	1012.83	1135.00	1139.00	1394.18	381.35
2417.000	99.67	1008.77	1135.00	1139.00	1408.68	399.91
2417.000	100.16	1001.93	1135.00	1139.00	1433.12	431.19

SECNO	CWSFL	SSTA	STCHL	STCHR	ENDST	TOPWID
2523.000	98.74	912.02	1135.00	1139.00	1401.20	489.19
2523.000	99.44	904.80	1135.00	1139.00	1406.30	501.50
2523.000	99.75	901.71	1135.00	1139.00	1408.32	506.61
2523.000	100.26	896.43	1135.00	1139.00	1417.93	521.50
2560.000	98.74	898.65	1121.00	1130.00	1390.55	491.89
2560.000	99.45	890.98	1121.00	1130.00	1395.86	504.87
2560.000	99.75	887.69	1121.00	1130.00	1398.14	510.44
2560.000	100.26	883.65	1121.00	1130.00	1400.13	524.48
2850.000	98.74	970.04	1115.00	1126.00	1240.91	270.87
2850.000	99.45	967.20	1115.00	1126.00	1251.65	284.45
2850.000	99.76	965.98	1115.00	1126.00	1256.28	290.30
2850.000	100.28	964.17	1115.00	1126.00	1264.72	305.55
3510.000	98.76	1005.87	1035.00	1048.00	1175.78	173.90
3510.000	99.51	997.01	1035.00	1048.00	1201.24	204.22
3510.000	99.86	992.99	1035.00	1048.00	1210.96	217.49
3510.000	100.48	985.74	1035.00	1048.00	1228.18	242.44
3827.000	98.80	1058.98	1071.00	1082.00	1095.00	36.02
3827.000	99.69	1052.79	1071.00	1082.00	1105.34	106.55
3827.000	100.12	1049.80	1071.00	1082.00	1204.36	154.60
3827.000	100.90	1040.53	1071.00	1082.00	1215.21	174.68
* 3877.000	98.10	1177.90	1177.00	1181.00	1181.00	0.00
* 3877.000	100.60	1147.27	1177.00	1181.00	1308.98	159.71
* 3877.000	100.85	1144.25	1177.00	1181.00	1310.97	165.82
3877.000	101.03	1141.53	1177.00	1181.00	1312.88	171.35
3942.000	102.86	1177.00	1177.00	1181.00	1181.00	0.00
3942.000	104.59	1100.16	1177.00	1181.00	1355.82	255.66
3942.000	104.62	1081.87	1177.00	1181.00	1359.34	277.87
3942.000	105.04	1047.67	1177.00	1181.00	1365.70	318.64
4010.000	103.65	1011.69	1071.00	1082.00	1147.60	135.31
4010.000	104.30	1006.18	1071.00	1082.00	1255.23	255.69
4010.000	104.63	992.96	1071.00	1082.00	1259.40	266.62
4010.000	105.05	975.61	1071.00	1082.00	1265.79	286.13
4550.000	103.68	984.66	1021.00	1032.00	1254.00	269.33
4550.000	104.43	979.89	1021.00	1032.00	1265.39	286.30
4550.000	104.76	977.32	1021.00	1032.00	1268.67	291.35
4550.000	105.20	974.92	1021.00	1032.00	1274.97	301.65
4865.000	103.70	1000.56	1077.00	1086.00	1175.67	175.11
4865.000	104.39	986.54	1077.00	1086.00	1186.09	199.95
4865.000	104.78	981.36	1077.00	1086.00	1190.50	209.14
4865.000	105.37	971.15	1077.00	1086.00	1198.49	227.26
5340.000	104.04	1031.07	1047.00	1055.00	1175.13	148.67
5340.000	105.08	1021.32	1047.00	1055.00	1191.04	164.72
5340.000	105.56	1015.03	1047.00	1055.00	1196.61	181.58
5340.000	106.43	1003.56	1047.00	1055.00	1206.74	203.19

SECNO	CWSEL	SSTA	STCHL	STCHR	ENDST	TOPWID
6060.000	106.75	1058.44	1066.00	1074.00	1151.57	93.12
6060.000	107.76	1048.95	1066.00	1074.00	1183.21	134.26
6060.000	108.32	1039.58	1066.00	1074.00	1201.10	161.53
6060.000	109.24	1024.05	1066.00	1074.00	1241.00	216.95

RILLY BUDD CREEK

SUMMARY PRINTOUT TABLE 150

SECNO	XICH	ELTRD	FLIC	FLMIA	D	CMSPL	FMWS	EG	LOKAS	VCH	ARFA	.01K
* 28430.000	5.00	0.00	0.00	77.60	540.00	80.51	80.51	81.50	167.57	8.01	68.14	28.17
* 28430.000	5.00	0.00	0.00	77.60	870.00	81.47	81.47	82.47	261.69	8.25	130.12	53.78
28430.000	5.00	0.00	0.00	77.60	1095.00	82.00	81.92	82.92	218.95	8.18	188.77	74.00
28430.000	5.00	0.00	0.00	77.60	1615.00	83.60	0.00	83.89	69.17	5.45	629.03	194.18
28431.000	1.00	0.00	0.00	77.60	540.00	80.85	80.51	81.56	225.06	6.80	84.16	36.00
28431.000	1.00	0.00	0.00	77.60	870.00	81.80	81.47	82.52	175.26	7.11	164.47	65.72
28431.000	1.00	0.00	0.00	77.60	1095.00	82.26	81.92	82.96	162.44	7.9	118.89	85.91
28431.000	1.00	0.00	0.00	77.60	1615.00	83.61	0.00	83.89	68.48	5.41	632.61	195.16
28435.000	4.00	0.00	0.00	77.70	540.00	80.93	0.00	81.66	232.34	6.87	82.91	35.43
28435.000	4.00	0.00	0.00	77.70	870.00	81.85	81.57	82.60	185.23	7.26	159.23	63.92
28435.000	4.00	0.00	0.00	77.70	1095.00	82.29	82.03	83.04	176.54	7.53	213.57	82.41
28435.000	4.00	0.00	0.00	77.70	1615.00	83.60	0.00	83.90	79.70	5.81	579.08	180.86
28440.000	5.00	0.00	0.00	77.90	540.00	80.98	80.81	81.82	283.49	7.35	75.85	32.07
28440.000	5.00	0.00	0.00	77.90	870.00	81.82	81.77	82.77	244.66	8.05	135.32	55.62
* 28440.000	5.00	0.00	0.00	77.90	1095.00	82.23	82.23	83.22	236.40	8.42	180.58	71.22
28440.000	5.00	0.00	0.00	77.90	1615.00	83.51	82.96	84.05	121.37	6.98	432.07	146.59
* 28460.000	20.00	0.00	0.00	78.90	540.00	81.81	81.81	82.80	367.24	8.01	68.16	28.18
* 28460.000	20.00	0.00	0.00	78.90	870.00	82.76	82.76	83.77	264.29	8.28	129.38	53.52
* 28460.000	20.00	0.00	0.00	78.90	1095.00	83.24	83.24	84.22	235.31	8.41	181.07	71.38
* 28460.000	20.00	0.00	0.00	78.90	1615.00	84.25	84.25	85.00	167.36	7.99	337.00	124.84
50.000	50.00	0.00	0.00	79.10	290.00	83.60	0.00	83.73	53.13	3.93	208.34	39.78
50.000	50.00	0.00	0.00	79.10	620.00	84.49	0.00	84.48	45.73	4.11	436.58	91.69
50.000	50.00	0.00	0.00	79.10	845.00	84.78	0.00	84.86	42.52	4.18	558.09	129.59
50.000	50.00	0.00	0.00	79.10	1365.00	85.05	0.00	85.54	42.75	4.55	770.86	208.76
51.000	1.00	0.00	0.00	79.10	290.00	81.62	0.00	83.73	50.77	3.85	213.44	40.70
51.000	1.00	0.00	0.00	79.10	620.00	84.40	0.00	84.48	44.29	4.06	401.68	93.16
51.000	1.00	0.00	0.00	79.10	845.00	84.79	0.00	84.87	41.37	4.13	563.41	131.38
51.000	1.00	0.00	0.00	79.10	1365.00	85.46	0.00	85.54	42.11	4.52	774.74	210.34
55.000	4.00	0.00	0.00	79.10	290.00	83.64	0.00	83.75	49.45	3.81	216.43	41.24
55.000	4.00	0.00	0.00	79.10	620.00	84.42	0.00	84.50	43.40	4.02	444.94	94.11
55.000	4.00	0.00	0.00	79.10	845.00	84.81	0.00	84.89	40.73	4.10	586.45	132.41
55.000	4.00	0.00	0.00	79.10	1365.00	85.47	0.00	85.56	41.48	4.49	778.64	211.94
60.000	5.00	0.00	0.00	79.10	290.00	83.67	0.00	83.78	46.52	3.71	223.48	42.52
60.000	5.00	0.00	0.00	79.10	620.00	84.44	0.00	84.52	41.49	3.94	432.26	96.25
60.000	5.00	0.00	0.00	79.10	845.00	84.83	0.00	84.91	39.34	4.05	573.25	134.72
60.000	5.00	0.00	0.00	79.10	1365.00	85.50	0.00	85.58	40.36	4.44	785.74	214.66
80.000	20.00	0.00	0.00	79.10	290.00	83.78	0.00	83.86	36.72	3.36	252.34	47.86
80.000	20.00	0.00	0.00	79.10	620.00	84.54	0.00	84.60	35.18	3.64	479.86	104.53
80.000	20.00	0.00	0.00	79.10	845.00	84.91	0.00	84.98	34.57	3.83	599.31	143.72
80.000	20.00	0.00	0.00	79.10	1365.00	85.58	0.00	85.66	36.44	4.26	812.83	226.12
405.000	325.00	0.00	0.00	80.00	290.00	85.13	0.00	85.36	53.88	4.48	97.18	39.51
405.000	325.00	0.00	0.00	80.00	620.00	86.09	0.00	86.65	107.63	7.21	134.67	59.76
405.000	325.00	0.00	0.00	80.00	845.00	86.50	0.00	87.32	146.11	8.81	152.23	69.91
405.000	325.00	0.00	0.00	80.00	1365.00	87.19	0.00	88.66	256.77	12.07	183.60	86.71

SECNO	XLCH	ELTRD	FLIC	ELPTN	Q	CWSFL	CRWS	EG	10K*5	VCH	ARFA	.01K
536.000	131.00	0.00	0.00	81.10	290.00	85.87	0.00	86.24	75.40	4.95	66.10	33.40
536.000	131.00	0.00	0.00	81.10	620.00	87.40	0.00	88.15	109.51	7.30	107.36	59.25
536.000	131.00	0.00	0.00	81.10	845.00	88.17	0.00	89.13	123.92	8.40	132.43	75.91
536.000	131.00	0.00	0.00	81.10	1365.00	89.72	0.00	90.98	132.88	10.05	195.55	118.41
586.000	50.00	0.00	0.00	81.00	290.00	86.13	0.00	87.14	270.85	8.07	35.94	17.62
586.000	50.00	0.00	0.00	81.00	620.00	87.21	87.21	90.37	655.88	14.26	43.48	24.21
586.000	50.00	0.00	0.00	81.00	845.00	89.07	0.00	89.90	181.03	8.93	146.72	62.80
586.000	50.00	0.00	0.00	81.00	1365.00	91.06	0.00	91.76	136.06	8.96	259.16	117.02
654.000	68.00	91.60	88.00	81.00	290.00	88.95	0.00	89.49	415.44	5.92	49.00	14.23
654.000	68.00	91.60	88.00	81.00	620.00	89.63	0.00	91.26	218.67	10.26	60.45	41.93
654.000	68.00	91.60	88.00	81.00	845.00	92.72	0.00	92.81	17.75	3.58	473.90	200.57
654.000	68.00	91.60	88.00	81.00	1365.00	93.41	0.00	93.50	23.08	4.24	840.21	284.11
690.000	36.00	0.00	0.00	81.10	290.00	89.60	0.00	89.66	6.27	2.18	190.26	114.86
690.000	36.00	0.00	0.00	81.10	620.00	91.55	0.00	91.67	10.55	3.24	317.07	190.84
690.000	36.00	0.00	0.00	81.10	845.00	92.75	0.00	92.86	9.40	3.30	541.17	275.63
690.000	36.00	0.00	0.00	81.10	1365.00	93.44	0.00	93.59	10.37	4.25	857.35	360.03
1336.000	646.00	0.00	1.00	82.90	290.00	89.88	0.00	89.88	1.92	0.83	762.30	209.06
1336.000	646.00	0.00	0.00	82.90	620.00	91.87	0.00	91.87	1.27	0.81	1551.16	550.39
1336.000	646.00	0.00	0.00	82.90	845.00	93.02	0.00	93.02	1.00	0.78	2138.01	846.84
1336.000	646.00	0.00	0.00	82.90	1365.00	93.83	0.00	93.84	1.53	1.02	2600.50	1104.36
1920.000	584.00	0.00	0.00	87.10	290.00	90.14	0.00	90.24	81.08	3.23	213.15	32.21
1920.000	584.00	0.00	0.00	87.10	620.00	92.03	0.00	92.04	10.82	1.75	704.80	188.47
1920.000	584.00	0.00	0.00	87.10	845.00	93.13	0.00	93.14	6.14	1.54	1039.34	340.98
1920.000	584.00	0.00	0.00	87.10	1365.00	94.00	0.00	94.01	7.79	1.93	1320.40	489.09
2235.000	315.00	0.00	0.00	87.50	290.00	92.14	0.00	92.24	50.41	3.58	202.77	60.85
2235.000	315.00	0.00	0.00	87.50	620.00	92.68	0.00	92.85	48.44	5.19	290.50	65.93
2235.000	315.00	0.00	0.00	87.50	845.00	93.50	0.00	93.62	52.62	4.51	438.39	116.49
2235.000	315.00	0.00	0.00	87.50	1365.00	94.44	0.00	94.56	50.39	4.95	627.82	192.29
2285.000	50.00	0.00	0.00	87.80	290.00	93.08	93.08	93.09	13.95	1.80	369.05	77.65
2285.000	50.00	0.00	0.00	87.80	620.00	93.17	0.00	93.22	55.39	3.62	388.30	83.31
2285.000	50.00	0.00	0.00	87.80	845.00	93.82	0.00	93.87	42.93	3.44	533.76	128.97
2285.000	50.00	0.00	0.00	87.80	1365.00	94.70	0.00	94.80	39.38	3.62	771.56	217.52
2335.000	50.00	98.60	92.80	87.80	290.00	98.69	0.00	98.69	0.16	0.32	1909.50	721.21
2335.000	50.00	98.60	92.80	87.80	620.00	99.38	0.00	99.38	0.49	0.59	2207.30	884.45
2335.000	50.00	98.60	92.80	87.80	845.00	99.67	0.00	99.67	0.78	0.75	2336.25	958.25
2335.000	50.00	98.60	92.80	87.80	1365.00	100.15	0.00	100.15	1.56	1.10	2958.45	1091.51
2385.000	50.00	0.00	0.00	87.80	290.00	98.69	0.00	98.69	0.16	0.32	1909.67	721.30
2385.000	50.00	0.00	0.00	87.80	620.00	99.38	0.00	99.38	0.49	0.59	2207.79	884.73
2385.000	50.00	0.00	0.00	87.80	845.00	99.67	0.00	99.67	0.78	0.75	2337.00	958.68
2385.000	50.00	0.00	0.00	87.80	1365.00	100.16	0.00	100.16	1.56	1.10	2959.85	1092.39
2417.000	32.00	0.00	0.00	88.00	290.00	98.69	0.00	98.70	0.48	0.69	1081.96	417.65
2417.000	32.00	0.00	0.00	88.00	620.00	99.38	0.00	99.39	1.43	1.23	1329.41	524.03
2417.000	32.00	0.00	0.00	88.00	845.00	99.67	0.00	99.68	2.16	1.55	1442.69	574.58
2417.000	32.00	0.00	0.00	88.00	1365.00	100.16	0.00	100.17	4.18	2.22	1645.82	667.91



SECNO	XLCH	ELTRG	ELLC	ELMIN	Q	CWSCL	CRWS	FG	10K*5	VCH	AREA	.01K
2523.000	106.00	97.80	92.70	87.70	290.00	98.74	0.00	98.74	0.05	0.17	3034.07	1365.69
2523.000	106.00	97.80	92.70	87.70	620.00	99.44	0.00	99.45	0.15	0.32	3384.02	1610.82
2523.000	106.00	97.80	92.70	87.70	845.00	99.75	0.00	99.75	0.24	0.42	3536.64	1722.00
2523.000	106.00	97.80	92.70	87.70	1365.00	100.26	0.00	100.26	0.51	0.62	3861.31	1919.84
2560.000	37.00	0.00	0.00	87.90	275.00	98.74	0.00	98.74	0.04	0.14	3088.01	1427.10
2560.000	37.00	0.00	0.00	87.90	600.00	99.45	0.00	99.45	0.13	0.36	3440.78	1677.85
2560.000	37.00	0.00	0.00	87.90	815.00	99.75	0.00	99.75	0.21	0.47	3595.11	1791.49
2560.000	37.00	0.00	0.00	87.90	1315.00	100.26	0.00	100.27	0.43	0.71	3863.34	1996.00
2850.000	290.00	0.00	0.00	90.20	255.00	98.74	0.00	98.74	0.15	0.36	1479.63	662.81
2850.000	290.00	0.00	0.00	90.20	550.00	99.45	0.00	99.45	0.48	0.68	1676.52	792.56
2850.000	290.00	0.00	0.00	90.20	760.00	99.76	0.00	99.76	0.80	0.90	1764.23	852.12
2850.000	290.00	0.00	0.00	90.20	1220.00	100.28	0.00	100.29	1.61	1.33	1919.49	960.45
3510.000	660.00	0.00	0.00	92.50	255.00	98.76	0.00	98.77	1.52	0.90	570.97	206.53
3510.000	660.00	0.00	0.00	92.50	550.00	99.51	0.00	99.53	4.61	1.59	714.56	274.65
3510.000	660.00	0.00	0.00	92.50	760.00	99.86	0.00	99.88	6.02	2.02	787.33	309.68
3510.000	660.00	0.00	0.00	92.50	1220.00	100.48	0.00	100.52	10.24	2.80	930.47	381.26
3827.000	317.00	0.00	0.00	94.00	240.00	98.80	0.00	98.95	34.04	3.50	104.48	41.13
3827.000	317.00	0.00	0.00	94.00	520.00	99.69	0.00	99.72	10.24	2.24	490.24	162.50
3827.000	317.00	0.00	0.00	94.00	710.00	100.12	0.00	100.16	13.36	2.70	553.68	194.23
3827.000	317.00	0.00	0.00	94.00	1150.00	100.90	0.00	100.96	19.43	3.55	681.81	260.89
3877.000	50.00	0.00	0.00	93.30	240.00	98.10	98.10	100.53	856.89	12.49	19.22	8.20
3877.000	50.00	0.00	0.00	93.30	520.00	100.60	100.60	100.62	7.06	1.50	592.68	195.70
3877.000	50.00	0.00	0.00	93.30	710.00	100.83	100.83	100.65	11.08	1.92	628.98	213.20
3877.000	50.00	0.00	0.00	93.30	1150.00	101.63	0.00	101.04	25.03	2.43	662.98	229.88
3942.000	65.00	103.60	98.60	93.60	240.00	102.87	0.00	103.52	95.83	6.47	37.00	24.52
3942.000	65.00	103.60	98.60	93.60	520.00	104.39	0.00	104.39	0.81	0.66	1315.91	576.88
3942.000	65.00	103.60	98.60	93.60	710.00	104.82	0.00	104.63	1.34	0.86	1378.37	612.92
3942.000	65.00	103.60	98.60	93.60	1150.00	105.04	0.00	105.05	2.84	1.28	1505.15	682.33
4010.000	68.00	0.00	0.00	94.60	240.00	103.65	0.00	103.66	0.51	0.70	713.17	337.03
4010.000	68.00	0.00	0.00	94.60	520.00	104.39	0.00	104.39	0.72	0.88	1300.29	613.48
4010.000	68.00	0.00	0.00	94.60	710.00	104.63	0.00	104.63	1.19	1.15	1301.77	651.20
4010.000	68.00	0.00	0.00	94.60	1150.00	105.05	0.00	105.07	2.53	1.72	1479.82	723.37
4550.000	540.00	0.00	0.00	96.60	240.00	103.68	0.00	103.68	0.33	0.50	1088.89	416.69
4550.000	540.00	0.00	0.00	96.60	520.00	104.43	0.00	104.44	0.45	0.91	1299.50	532.54
4550.000	540.00	0.00	0.00	96.60	710.00	104.70	0.00	104.70	1.52	1.18	1375.33	576.80
4550.000	540.00	0.00	0.00	96.60	1150.00	105.20	0.00	105.21	2.97	1.72	1524.57	666.93
4865.000	315.00	0.00	0.00	99.00	220.00	103.70	0.00	103.71	4.41	1.34	391.63	104.70
4865.000	315.00	0.00	0.00	99.00	480.00	104.49	0.00	104.51	8.84	2.11	541.23	161.47
4865.000	315.00	0.00	0.00	99.00	665.00	104.78	0.00	104.82	12.79	2.64	601.62	185.92
4865.000	315.00	0.00	0.00	99.00	1075.00	105.37	0.00	105.42	20.11	3.54	728.41	239.71
5340.000	475.00	0.00	0.00	99.60	220.00	104.06	0.00	104.08	16.91	2.07	247.10	53.51
5340.000	475.00	0.00	0.00	99.60	480.00	105.08	0.00	105.12	19.54	2.60	409.28	108.59
5340.000	475.00	0.00	0.00	99.60	665.00	105.36	0.00	105.61	22.09	2.95	493.37	141.48
5340.000	475.00	0.00	0.00	99.60	1075.00	106.43	0.00	106.49	25.47	3.50	661.07	213.01

SECS	XLCH	ELTRD	ELLC	ELMTN	R	CWSEL	CRWS	EG	10K*S	VCH	AREA	.01K
* 6060.000	720.00	0.00	0.00	103.00	200.00	106.75	106.75	107.18	213.51	6.07	67.31	13.69
6060.000	720.00	0.00	0.00	103.00	440.00	107.76	107.39	108.00	127.85	5.68	182.20	38.91
6060.000	720.00	0.00	0.00	103.00	610.00	108.32	0.00	108.51	98.93	5.44	265.33	61.33
6060.000	720.00	0.00	0.00	103.00	990.00	109.24	0.00	109.39	74.81	5.33	438.67	114.46

BILLY BUDD CREEK

SUMMARY PRINTOUT TABLE 150

SECNO	Q	CWSPL	DIFWSP	DIFWSY	DIFENS	TOTPAID	XICH
* 28430.000	540.00	80.51	0.00	0.00	0.51	44.95	5.00
* 28430.000	870.00	81.47	0.96	0.00	0.27	93.52	5.00
* 28430.000	1095.00	82.00	0.53	0.00	0.00	126.82	5.00
* 28430.000	1615.00	83.60	1.60	0.00	0.00	516.42	5.00
28431.000	540.00	80.85	0.00	0.34	0.00	50.74	1.00
28431.000	870.00	81.80	0.95	0.30	0.00	114.21	1.00
28431.000	1095.00	82.26	0.45	0.26	0.00	143.10	1.00
28431.000	1615.00	83.61	1.35	0.01	0.00	517.22	1.00
28435.000	540.00	80.91	0.00	0.02	0.00	53.24	4.00
28435.000	870.00	81.85	0.92	0.05	0.00	111.30	4.00
28435.000	1095.00	82.29	0.43	0.03	0.00	130.52	4.00
28435.000	1615.00	83.60	1.32	-0.51	0.00	512.64	4.00
28440.000	540.00	80.50	0.00	0.04	0.00	47.24	5.50
28440.000	870.00	81.82	0.84	-0.03	0.00	96.54	5.00
* 28440.000	1095.00	82.23	0.82	-0.05	0.00	122.72	5.00
* 28440.000	1615.00	83.51	1.27	-0.09	0.00	499.83	5.00
* 28460.000	540.00	81.81	0.00	0.83	0.00	40.97	20.00
* 28460.000	870.00	82.76	0.75	0.98	0.00	93.82	20.00
* 28460.000	1095.00	83.20	0.48	1.00	0.00	122.91	20.00
* 28460.000	1615.00	84.25	1.01	0.70	0.00	184.09	20.00
50.000	290.00	83.80	0.00	1.70	0.00	241.10	50.00
50.000	620.00	84.35	0.79	1.63	0.00	309.50	50.00
50.000	845.00	84.78	0.30	1.54	0.00	314.57	50.00
50.000	1365.00	85.85	0.67	1.20	0.00	522.12	50.00
51.000	290.00	84.62	0.00	0.01	0.00	244.48	1.00
51.000	620.00	84.80	0.78	0.01	0.00	305.76	1.00
51.000	845.00	84.79	0.39	0.01	0.00	310.50	1.00
51.000	1365.00	85.46	0.67	0.01	0.00	522.37	1.00
55.000	290.00	83.80	0.00	0.02	0.00	244.84	4.00
55.000	620.00	84.42	0.78	0.02	0.00	309.06	4.00
55.000	845.00	84.81	0.39	0.02	0.00	310.04	4.00
55.000	1365.00	85.47	0.67	0.02	0.00	522.41	4.00
60.000	290.00	84.67	0.00	0.03	0.00	246.94	5.00
60.000	620.00	84.44	0.77	0.03	0.00	310.14	5.00
60.000	845.00	84.83	0.39	0.02	0.00	310.15	5.00
60.000	1365.00	85.50	0.67	0.02	0.00	522.67	5.00
80.000	290.00	83.78	0.00	0.11	0.00	268.80	20.00
80.000	620.00	84.54	0.75	0.09	0.00	311.20	20.00
80.000	845.00	84.91	0.36	0.08	0.00	315.73	20.00
80.000	1365.00	85.56	0.67	0.09	0.00	523.67	20.00
405.000	290.00	85.13	0.00	1.34	0.00	36.29	325.00
405.000	620.00	86.09	0.97	1.56	0.00	41.53	325.00
405.000	845.00	86.50	0.41	1.58	0.00	43.95	325.00
405.000	1365.00	87.19	0.69	1.61	0.00	47.97	325.00

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SECNO	Q	CWSEL	DIFWSP	DIFWSX	DIFKWS	TOPWID	XLCH
536.000	290.00	85.87	0.00	0.75	0.00	22.94	131.00
536.000	620.00	87.40	1.53	1.31	1.53	30.73	131.00
536.000	845.00	88.17	0.77	1.67	2.30	34.82	131.00
536.000	1365.00	89.72	1.55	2.53	0.00	46.83	131.00
586.000	290.00	86.13	0.00	0.26	0.00	7.00	50.00
586.000	620.00	87.21	1.08	-0.19	1.08	7.00	50.00
586.000	845.00	89.07	1.86	0.90	2.94	41.91	50.00
586.000	1365.00	91.06	1.99	1.34	0.00	83.88	50.00
654.000	290.00	88.95	0.00	2.82	0.00	7.00	68.00
654.000	620.00	89.63	0.68	2.42	0.68	7.00	68.00
654.000	845.00	92.72	3.09	3.64	3.77	186.93	68.00
654.000	1365.00	93.41	0.69	2.35	0.00	520.91	68.00
690.000	290.00	89.60	0.00	0.65	0.00	45.94	36.00
690.000	620.00	91.55	1.95	1.92	1.95	79.00	36.00
690.000	845.00	92.75	1.20	0.04	3.15	206.31	36.00
690.000	1365.00	93.44	0.69	0.04	0.00	487.41	36.00
1336.000	290.00	89.88	0.00	0.28	0.00	314.38	646.00
1336.000	620.00	91.87	1.99	0.32	1.99	479.64	646.00
1336.000	845.00	93.02	1.15	0.27	3.14	548.47	646.00
1336.000	1365.00	93.83	0.81	0.39	0.00	594.99	646.00
1920.000	290.00	90.19	0.00	0.31	0.00	243.84	584.00
1920.000	620.00	92.03	1.84	0.16	1.84	290.10	584.00
1920.000	845.00	93.13	1.11	0.11	2.95	315.53	584.00
1920.000	1365.00	94.60	0.86	0.16	0.00	336.13	584.00
2235.000	290.00	92.14	0.00	1.96	0.00	158.28	315.00
2235.000	620.00	92.68	0.54	0.65	0.54	170.29	315.00
2235.000	845.00	93.50	0.82	0.37	1.36	188.83	315.00
2235.000	1365.00	94.44	0.94	0.44	0.00	224.09	315.00
2285.000	290.00	93.08	0.00	0.94	0.00	206.80	50.00
2285.000	620.00	93.17	0.09	0.49	0.09	211.12	50.00
2285.000	845.00	93.82	0.65	0.31	0.74	241.34	50.00
2285.000	1365.00	94.74	0.93	0.31	0.00	269.11	50.00
2335.000	290.00	98.69	0.00	5.61	0.00	424.09	50.00
2335.000	620.00	99.38	0.69	6.21	0.69	442.98	50.00
2335.000	845.00	99.67	0.29	5.85	0.97	450.91	50.00
2335.000	1365.00	100.15	0.48	5.41	0.00	467.91	50.00
2385.000	290.00	98.69	0.00	0.00	0.00	424.10	50.00
2385.000	620.00	99.38	0.69	0.00	0.69	443.01	50.00
2385.000	845.00	99.67	0.29	0.00	0.98	450.96	50.00
2385.000	1365.00	100.16	0.49	0.01	0.00	468.07	50.00
2417.000	290.00	98.69	0.00	0.00	0.00	337.28	32.00
2417.000	620.00	99.38	0.69	0.00	0.69	381.35	32.00
2417.000	845.00	99.67	0.29	0.00	0.98	399.91	32.00
2417.000	1365.00	100.16	0.49	0.00	0.00	431.19	32.00

SECNO	Q	CWSL	DIFWSP	DIFWSX	DIFKWS	TOPWJD	XLCH
2523.000	290.00	98.74	0.00	0.04	0.00	489.19	106.00
2523.000	620.00	99.44	0.71	0.06	0.71	501.90	106.00
2523.000	845.00	99.75	0.30	0.08	1.01	506.61	106.00
2523.000	1365.00	100.26	0.92	0.10	0.00	521.50	106.00
2560.000	275.00	98.74	0.00	0.00	0.00	491.89	37.00
2560.000	600.00	99.45	0.71	0.00	0.71	504.87	37.00
2560.000	815.00	99.75	0.30	0.00	1.01	510.44	37.00
2560.000	1315.00	100.26	0.52	0.00	0.00	524.48	37.00
2850.000	255.00	98.74	0.00	0.00	0.00	270.87	290.00
2850.000	550.00	99.45	0.71	0.01	0.71	284.45	290.00
2850.000	760.00	99.76	0.31	0.01	1.02	290.30	290.00
2850.000	1220.00	100.24	0.53	0.02	0.00	305.55	290.00
3510.000	255.00	98.76	0.00	0.02	0.00	173.90	660.00
3510.000	550.00	99.51	0.75	0.06	0.75	204.22	660.00
3510.000	760.00	99.86	0.34	0.10	1.10	217.99	660.00
3510.000	1220.00	100.48	0.62	0.20	0.00	242.44	660.00
3827.000	240.00	98.80	0.00	0.04	0.00	36.02	317.00
3827.000	520.00	99.69	0.89	0.18	0.89	146.55	317.00
3827.000	710.00	100.12	0.42	0.26	1.31	154.60	317.00
3827.000	1150.00	100.90	0.78	0.42	0.00	174.68	317.00
* 3877.000	240.00	98.10	0.00	-0.70	0.00	4.00	50.00
* 3877.000	520.00	100.60	2.50	0.91	2.50	159.71	50.00
* 3877.000	710.00	100.63	0.22	0.71	2.72	165.02	50.00
3877.000	1150.00	101.03	0.20	0.13	0.00	171.35	50.00
3942.000	240.00	102.86	0.00	4.76	0.00	4.00	65.00
3942.000	520.00	104.39	1.52	3.78	1.52	255.66	65.00
3942.000	710.00	104.62	0.23	3.79	1.75	277.87	65.00
3942.000	1150.00	105.04	0.42	4.01	0.00	318.63	65.00
4010.000	240.00	103.65	0.00	0.79	0.00	135.31	68.00
4010.000	520.00	104.39	0.74	0.00	0.74	255.69	68.00
4010.000	710.00	104.63	0.24	0.01	0.97	266.42	68.00
4010.000	1150.00	105.05	0.43	0.02	0.00	286.18	68.00
4550.000	240.00	103.68	0.00	0.02	0.00	269.44	540.00
4550.000	520.00	104.43	0.76	0.04	0.76	286.30	540.00
4550.000	710.00	104.70	0.26	0.07	1.02	291.35	540.00
4550.000	1150.00	105.20	0.50	0.15	0.00	301.05	540.00
4865.000	220.00	103.70	0.00	0.02	0.00	175.11	315.00
4865.000	480.00	104.49	0.79	0.05	0.79	199.55	315.00
4865.000	665.00	104.78	0.30	0.09	1.09	209.14	315.00
4865.000	1075.00	105.37	0.58	0.16	0.00	227.24	315.00
5340.000	220.00	104.06	0.00	0.36	0.00	148.07	475.00
5340.000	480.00	105.08	1.03	0.59	1.03	169.72	475.00
5340.000	665.00	105.56	0.48	0.78	1.51	181.58	475.00
5340.000	1075.00	106.43	0.87	1.07	0.00	203.19	475.00

SECNO	H	CWSEL	DIFWSP	DIFWSX	DIFKWS	TOPWID	XLCH
* 6060.000	200.00	106.75	0.00	2.69	0.00	93.12	720.00
6060.000	440.00	107.76	1.01	2.68	1.01	134.26	720.00
6060.000	610.00	108.32	0.56	2.76	1.57	161.53	720.00
6060.000	990.00	109.24	0.92	2.81	0.00	216.95	720.00

SUMMARY OF ERRORS

CAUTION	SECNO=28430.000	PROFILE= 1	CRITICAL DEPTH ASSUMED				
CAUTION	SECNO=28430.000	PROFILE= 2	CRITICAL DEPTH ASSUMED				
CAUTION	SECNO=28440.000	PROFILE= 3	CRITICAL DEPTH ASSUMED				
CAUTION	SECNO=28460.000	PROFILE= 1	CRITICAL DEPTH ASSUMED				
CAUTION	SECNO=28460.000	PROFILE= 1	PROBABLE MINIMUM SPECIFIC ENERGY				
CAUTION	SECNO=28460.000	PROFILE= 1	20 TRIALS ATTEMPTED TO BALANCE WSEL				
CAUTION	SECNO=28460.000	PROFILE= 2	CRITICAL DEPTH ASSUMED				
CAUTION	SECNO=28460.000	PROFILE= 2	PROBABLE MINIMUM SPECIFIC ENERGY				
CAUTION	SECNO=28460.000	PROFILE= 2	20 TRIALS ATTEMPTED TO BALANCE WSEL				
CAUTION	SECNO=28460.000	PROFILE= 3	CRITICAL DEPTH ASSUMED				
CAUTION	SECNO=28460.000	PROFILE= 3	PROBABLE MINIMUM SPECIFIC ENERGY				
CAUTION	SECNO=28460.000	PROFILE= 3	20 TRIALS ATTEMPTED TO BALANCE WSEL				
CAUTION	SECNO=28460.000	PROFILE= 4	CRITICAL DEPTH ASSUMED				
CAUTION	SECNO=28460.000	PROFILE= 4	PROBABLE MINIMUM SPECIFIC ENERGY				
CAUTION	SECNO=28460.000	PROFILE= 4	20 TRIALS ATTEMPTED TO BALANCE WSEL				
CAUTION	SECNO= 586.000	PROFILE= 2	CRITICAL DEPTH ASSUMED				
CAUTION	SECNO= 2285.000	PROFILE= 1	CRITICAL DEPTH ASSUMED				
CAUTION	SECNO= 2285.000	PROFILE= 1	PROBABLE MINIMUM SPECIFIC ENERGY				
CAUTION	SECNO= 2285.000	PROFILE= 1	20 TRIALS ATTEMPTED TO BALANCE WSEL				
CAUTION	SECNO= 3877.000	PROFILE= 1	CRITICAL DEPTH ASSUMED				
CAUTION	SECNO= 3877.000	PROFILE= 2	CRITICAL DEPTH ASSUMED				
CAUTION	SECNO= 3877.000	PROFILE= 2	PROBABLE MINIMUM SPECIFIC ENERGY				
CAUTION	SECNO= 3877.000	PROFILE= 2	20 TRIALS ATTEMPTED TO BALANCE WSEL				
CAUTION	SECNO= 3877.000	PROFILE= 3	CRITICAL DEPTH ASSUMED				
CAUTION	SECNO= 3877.000	PROFILE= 3	PROBABLE MINIMUM SPECIFIC ENERGY				
CAUTION	SECNO= 3877.000	PROFILE= 3	20 TRIALS ATTEMPTED TO BALANCE WSEL				
CAUTION	SECNO= 6060.000	PROFILE= 1	CRITICAL DEPTH ASSUMED				

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 HEC2 RELEASE DATED NOV 76 UPDATED JULY 1979  
 ERROR CORR - 01,02,03  
 MODIFICATION - 50,51,52,53  
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C  
 T1 FPMS BRANCH, GOLDSBORO FIS  
 T2 100 YR NATURAL  
 T3 BILLY BUDD CREEK

J1	ICHECK	INQ	NINV	IDIR	STRT	METRIC	HVINS	G	WSEL	FG
	0.	4.	0.	0.	0.000000	0.00	0.0	0.	82.000	0.000

J2	NPROF	IPLT	PRFVS	XSECV	XSECH	FN	ALIDC	IBW	CHNIM	ITRACE
	1.000	0.000	-1.000	0.000	0.000	0.000	0.000	0.000	0.000	15.000

J3	VARIABLE CODES FOR SUMMARY PRINTOUT									
	38.000	1.000	3.000	42.000	41.000	5.000	43.000	0.000	38.000	1.000

	53.000	21.000	22.000	54.000	4.000	0.000	200.000	0.000	0.000	0.000
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NC	0.100	0.100	0.050	0.100	0.300	0.000	0.000	0.000	0.000	0.000
QT	6.000	540.000	870.000	1095.000	1615.000	1095.000	1095.000	0.000	0.000	0.000

X1	28430.000	17.000	700.000	740.000	5.000	5.000	5.000	0.000	0.000	0.000
GR	100.000	0.000	90.000	300.000	83.000	500.000	83.000	600.000	80.300	698.000
GR	90.700	700.000	77.600	702.000	78.600	718.000	90.800	720.000	78.400	722.000
GR	79.200	738.000	90.800	740.000	60.800	742.000	83.100	800.000	83.100	1000.000
GR	90.000	1100.000	100.000	1400.000	0.000	0.000	0.000	0.000	0.000	0.000

X1	28431.000	0.000	0.000	0.000	1.000	1.000	1.000	0.000	0.000	0.000
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X1	28435.000	0.000	0.000	0.000	4.000	4.000	4.000	0.000	0.100	0.000
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X1	28440.000	0.000	0.000	0.000	5.000	5.000	5.000	0.000	0.200	0.000
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X1	28460.000	0.000	0.000	0.000	20.000	20.000	20.000	0.000	0.000	0.000
NC	0.110	0.110	0.060	0.200	0.400	0.000	0.000	0.000	0.000	0.000
QT	6.000	290.000	620.000	845.000	1365.000	845.000	845.000	0.000	0.000	0.000
ET	0.000	0.000	0.000	0.000	0.000	9.100	0.000	0.000	1000.000	1135.000

\*\*\* WBB-1 \*\*\*

X1	50.000	14.000	1023.000	1032.000	50.000	50.000	50.000	0.000	0.000	0.000
GR	89.400	1000.000	86.700	1010.000	81.400	1020.000	50.800	1021.000	80.700	1023.000
GR	79.200	1024.000	79.100	1028.000	79.600	1030.000	82.100	1032.000	82.300	1050.000
GR	84.000	1320.000	86.000	1340.000	88.000	1370.000	90.000	1405.000	10.000	0.000



X1	51.000	0.000	0.000	0.000	1.000	1.000	1.000	0.000	0.000	0.000
ET	0.000	0.000	0.000	0.000	0.000	9.100	0.000	0.000	1015.000	1135.000

X1	55.000	0.000	0.000	0.000	4.000	4.000	4.000	0.000	0.000	0.000
ET	0.000	0.000	0.000	0.000	0.000	9.100	0.000	0.000	1015.000	1135.000

X1	60.000	0.000	0.000	0.000	5.000	5.000	5.000	0.000	0.000	0.000
ET	0.000	0.000	0.000	0.000	0.000	9.100	0.000	0.000	1015.000	1135.000

X1	80.000	0.000	0.000	0.000	20.000	20.000	20.000	0.000	0.000	0.000
ET	0.000	0.000	0.000	0.000	0.000	9.100	0.000	0.000	1084.000	1128.000

X1	405.000	17.000	1093.000	1103.000	325.000	325.000	325.000	0.000	0.000	0.000
GR	92.000	985.000	90.300	1072.000	87.600	1082.000	82.300	1092.000	81.700	1093.000
GR	81.600	1095.000	80.100	1096.000	80.000	1100.000	80.500	1102.000	82.000	1103.000
GR	82.000	1108.000	84.000	1119.000	86.000	1126.000	88.000	1134.000	90.000	1147.000
GR	92.000	1182.000	94.000	1249.000	0.000	0.000	0.000	0.000	0.000	0.000
ET	0.000	9.100	9.100	9.100	0.000	7.100	1006.000	1041.000	1002.000	1044.000

X1	536.000	14.000	1017.000	1030.000	131.000	131.000	131.000	0.000	0.000	0.000
GR	92.000	900.000	90.600	1000.000	86.600	1010.000	84.600	1017.000	81.500	1018.000
GR	81.100	1021.000	81.300	1024.000	81.100	1026.000	81.400	1028.000	83.300	1030.000
GR	88.000	1040.000	89.900	1050.000	92.000	1100.000	94.000	1200.000	0.000	0.000
ET	0.000	0.000	0.000	0.000	0.000	9.100	0.000	0.000	1136.000	1178.000

X1	586.000	16.000	1151.000	1158.000	50.000	50.000	50.000	0.000	0.000	0.000
X3	10.000	0.000	0.000	0.000	0.000	0.000	0.000	80.000	88.000	0.000
GR	94.000	705.000	92.200	1045.000	91.600	1100.000	92.100	1127.000	90.600	1132.000
GR	86.600	1142.000	84.600	1151.000	81.000	1151.000	81.000	1158.000	83.300	1158.000
GR	88.000	1172.000	89.900	1182.000	90.600	1200.000	92.200	1250.000	92.900	1300.000
GR	94.000	1383.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
ET	0.000	0.000	0.000	9.100	0.000	0.000	0.000	0.000	1100.000	1283.000
ET	0.000	0.000	0.000	0.000	0.000	9.110	0.000	0.000	1110.000	1180.000
SB	0.000	1.630	2.500	0.000	7.000	0.000	49.000	0.000	80.500	81.000

\*\*\* WBR-2 FOREST HILL DRIVE \*\*\*

X1	654.000	0.000	0.000	0.000	68.000	68.000	68.000	0.000	0.000	0.000
X2	0.000	0.000	1.000	88.000	91.600	0.000	0.000	0.000	0.000	0.000
X3	10.000	0.000	0.000	0.000	0.000	0.000	0.000	91.600	92.600	0.000
BT	13.000	705.000	94.000	0.000	1045.000	92.200	0.000	1100.000	91.600	0.000
BT	1127.000	92.100	0.000	1151.000	92.600	0.000	1151.000	92.600	88.000	1158.000
BT	92.600	88.000	1158.000	92.600	0.000	1172.000	92.800	0.000	1200.000	93.200
HT	0.000	1250.000	94.100	0.000	1300.000	95.000	0.000	1483.000	95.700	0.000
ET	0.000	9.100	9.100	7.100	0.000	0.000	950.000	1250.000	984.000	1063.000
ET	0.000	0.000	0.000	0.000	0.000	9.110	0.000	0.000	990.000	1090.000

\*\*\* WBR-3 \*\*\*

X1	690.000	15.000	1017.000	1030.000	36.000	36.000	36.000	0.000	0.000	0.000
GR	94.000	615.000	92.500	900.000	90.600	1000.000	86.600	1010.000	84.600	1017.000
GR	81.500	1018.000	81.100	1021.000	81.300	1024.000	81.100	1026.000	81.400	1028.000
GR	83.300	1030.000	82.000	1040.000	89.900	1050.000	92.000	1100.000	94.000	1250.000
ET	0.000	0.000	0.000	0.000	0.000	9.110	0.000	0.000	1070.000	1230.000

\*\*\* WBB-4

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X1	1336.000	18.000	1107.000	1115.000	646.000	646.000	646.000	0.000	0.000	0.000
GR	94.000	945.000	92.000	960.000	88.900	1000.000	87.400	1025.000	87.100	1050.000
GR	87.200	1100.000	86.600	1107.000	83.300	1108.000	83.100	1110.000	82.900	1111.000
GR	83.000	1114.000	87.000	1115.000	87.100	1125.000	86.700	1175.000	87.000	1225.000
GR	90.000	1305.000	92.000	1450.000	94.000	1550.000	0.000	0.000	0.000	0.000
ET	0.000	0.000	0.000	0.000	0.000	9.110	0.000	0.000	1007.000	1167.000

\*\*\* WBB-5

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X1	1920.000	15.000	1024.000	1033.000	584.000	584.000	584.000	0.000	0.000	0.000
GR	94.300	1000.000	92.600	1010.000	90.200	1020.000	89.300	1024.000	87.900	1025.000
GR	87.800	1029.000	87.500	1031.000	87.100	1032.000	89.900	1033.000	89.600	1050.000
GR	88.700	1075.000	89.200	1150.000	90.000	1260.000	92.000	1302.000	94.000	1338.000
NC	0.120	0.120	0.060	0.200	0.400	0.000	0.000	0.000	0.000	0.000
ET	0.000	0.000	0.000	0.000	0.000	9.110	0.000	0.000	1120.000	1270.000

X1	2235.000	18.000	1145.000	1155.000	315.000	315.000	315.000	0.000	0.000	0.000
GR	102.000	985.000	98.000	1030.000	96.000	1060.000	94.000	1100.000	92.000	1135.000
GR	90.000	1145.000	89.300	1148.000	87.900	1149.000	87.700	1151.000	87.800	1153.000
GR	87.500	1154.000	90.000	1155.000	92.000	1290.000	94.000	1300.000	96.000	1370.000
GR	98.000	1385.000	100.000	1400.000	102.000	1500.000	0.000	0.000	0.000	0.000
ET	0.000	0.000	0.000	0.000	0.000	9.110	0.000	0.000	1230.000	1360.000

X1	2285.000	15.000	1258.000	1262.000	50.000	50.000	50.000	0.000	0.000	0.000
X3	10.000	0.000	0.000	0.000	0.000	0.000	0.000	93.000	93.000	0.000
GR	102.400	1000.000	101.300	1050.000	100.300	1075.000	100.300	1095.000	98.000	1138.000
GR	94.000	1208.000	92.000	1244.000	89.400	1258.000	87.800	1258.000	87.800	1262.000
GR	90.000	1262.000	92.000	1400.000	94.000	1458.000	100.900	1515.000	102.000	1596.000
SB	0.000	2.040	2.500	0.000	4.000	0.000	20.000	0.000	87.800	87.800
ET	0.000	0.000	0.000	0.000	0.000	9.110	0.000	0.000	1230.000	1360.000

\*\*\* WBB-6 SR 1565

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X1	2335.000	18.000	1258.000	1262.000	50.000	50.000	50.000	0.000	0.000	0.000
X2	0.000	0.000	1.000	92.800	98.600	0.000	0.000	0.000	0.000	0.000
X3	10.000	0.000	0.000	0.000	0.000	0.000	0.000	98.600	98.600	0.000
BT	15.000	1075.000	104.000	0.000	1120.000	100.000	0.000	1200.000	94.000	0.000
BT	1225.000	98.200	0.000	1245.000	98.600	0.000	1258.000	98.600	92.800	1258.000
BT	98.600	87.800	1262.000	98.600	87.800	1262.000	98.600	0.000	1262.000	98.600
BT	0.000	1335.000	98.500	0.000	1375.000	98.800	0.000	1495.000	100.500	0.000
BT	1580.000	101.900	0.000	1660.000	104.000	0.000	0.000	0.000	0.000	0.000
GR	104.000	1075.000	100.000	1120.000	94.000	1200.000	92.000	1225.000	90.000	1245.000
GR	90.000	1258.000	87.800	1258.000	87.800	1262.000	89.000	1262.000	90.000	1265.000
GR	90.000	1270.000	97.400	1335.000	95.000	1375.000	92.000	1425.000	94.000	1495.000
GR	100.000	1580.000	102.000	1660.000	104.000	1710.000	0.000	0.000	0.000	0.000
ET	0.000	0.000	0.000	0.000	0.000	9.110	0.000	0.000	1230.000	1360.000

X1	2385.000	0.000	0.000	0.000	50.000	50.000	50.000	0.000	0.000	0.000
ET	0.000	0.000	0.000	0.000	0.000	9.110	0.000	0.000	1080.000	1210.000

X1	2417.000	16.000	1135.000	1139.000	32.000	32.000	32.000	0.000	0.300	0.000
X3	10.000	0.000	0.000	0.000	0.000	0.000	0.000	93.000	93.000	0.000
GR	104.000	950.000	100.000	1000.000	98.000	1028.000	94.000	1075.000	90.000	1120.000
GR	90.000	1134.000	87.700	1135.000	87.700	1139.000	89.000	1139.000	90.000	1142.000
GR	90.000	1150.000	97.300	1212.000	97.400	1300.000	98.200	1350.000	100.000	1440.000
GR	102.000	1595.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
SB	0.000	2.090	2.500	0.000	4.000	0.000	20.000	0.000	87.700	88.000

\*\*\* WBB-7A SR 1631 \*\*\*

X1	2523.000	22.000	1135.000	1139.000	106.000	106.000	106.000	0.000	0.000	0.000
X2	0.000	0.000	1.000	92.700	97.800	0.000	0.000	0.000	0.000	0.000
X3	10.000	0.000	0.000	0.000	0.000	0.000	0.000	97.800	97.800	0.000
BT	15.000	860.000	104.000	0.000	885.000	102.000	0.000	893.000	100.600	0.000
BT	1000.000	98.900	0.000	1025.000	98.700	0.000	1088.000	98.200	0.000	1135.000
BT	97.800	0.000	1135.000	97.800	92.700	1139.000	97.800	92.700	1139.000	97.800
BT	0.000	1200.000	97.300	0.000	1300.000	97.400	0.000	1404.000	99.100	0.000
BT	1410.000	100.000	0.000	1470.000	102.000	0.000	0.000	0.000	0.000	0.000
GR	104.000	860.000	102.000	885.000	100.600	893.000	96.000	940.000	92.100	1000.000
GR	91.000	1025.000	90.300	1088.000	90.400	1113.000	91.100	1133.000	90.000	1135.000
GR	87.700	1135.000	87.700	1139.000	89.000	1139.000	90.900	1142.000	90.900	1200.000
GR	91.000	1240.000	92.000	1260.000	94.000	1350.000	96.000	1380.000	99.100	1404.000
GR	100.000	1410.000	102.000	1470.000	0.000	0.000	0.000	0.000	0.000	0.000
GR	6.000	275.000	600.000	815.000	1315.000	815.000	815.000	0.000	0.000	0.000
ET	0.000	0.000	0.000	0.000	0.000	9.110	0.000	0.000	1090.000	1220.000

\*\*\* WBB-7 \*\*\*

X1	2560.000	25.000	1121.000	1130.000	37.000	37.000	37.000	0.000	0.000	0.000
GR	104.000	855.000	102.000	875.000	100.000	885.000	94.000	950.000	91.400	1000.000
GR	90.700	1025.000	90.300	1075.000	90.400	1100.000	91.100	1120.000	90.200	1121.000
GR	87.900	1122.000	87.900	1124.000	88.900	1126.000	89.200	1128.000	90.900	1130.000
GR	90.800	1150.000	90.700	1175.000	90.900	1225.000	92.000	1250.000	94.000	1340.000
GR	96.000	1370.000	100.000	1400.000	102.000	1480.000	0.000	0.000	0.000	0.000
BT	6.000	255.000	550.000	760.000	1220.000	760.000	760.000	0.000	0.000	0.000
ET	0.000	0.000	0.000	0.000	0.000	9.110	0.000	0.000	1040.000	1170.000

\*\*\* WBB-8 \*\*\*

X1	2850.000	22.000	1115.000	1126.000	290.000	290.000	290.000	0.000	0.000	0.000
GR	104.000	953.000	100.000	965.000	98.000	973.000	95.000	1000.000	92.100	1035.000
GR	91.700	1071.000	91.500	1072.000	91.300	1075.000	91.500	1082.000	90.900	1084.000
GR	90.900	1086.000	91.400	1087.000	91.600	1088.000	92.200	1115.000	90.500	1117.000
GR	90.200	1123.000	91.000	1125.000	92.000	1126.000	92.000	1200.000	96.700	1210.000
GR	100.000	1260.000	102.000	1330.000	0.000	0.000	0.000	0.000	0.000	0.000
ET	0.000	0.000	0.000	0.000	0.000	9.110	0.000	0.000	1010.000	1120.000

\*\*\* WBB-9 \*\*\*

X1	3510.000	20.000	1035.000	1048.000	660.000	660.000	660.000	0.000	0.000	0.000
GR	102.000	968.000	98.400	1010.000	96.700	1020.000	96.200	1030.000	94.500	1035.000
GR	93.500	1038.000	92.500	1045.000	92.500	1047.000	94.300	1048.000	94.400	1050.000
GR	94.200	1082.000	93.700	1083.000	93.600	1087.000	94.100	1089.000	94.400	1125.000
GR	95.200	1140.000	96.600	1145.000	97.700	1150.000	100.000	1215.000	102.000	1270.000
BT	6.000	240.000	520.000	710.000	1150.000	710.000	710.000	0.000	0.000	0.000
ET	0.000	9.100	0.000	0.000	0.000	0.000	0.000	0.000	1058.000	1095.000
ET	0.000	0.000	0.000	0.000	0.000	9.110	0.000	0.000	1050.000	1160.000

X1	3827.000	16.000	1071.000	1082.000	317.000	317.000	317.000	0.000	-0.600	0.000
GR	104.400	1000.000	102.800	1025.000	100.700	1050.000	99.100	1061.000	97.200	1066.000
GR	95.900	1071.000	95.300	1073.000	95.000	1076.000	94.700	1078.000	94.600	1080.000
GR	96.500	1082.000	96.600	1100.000	96.400	1175.000	100.400	1200.000	104.000	1250.000
GR	106.000	1280.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
ET	0.000	0.000	0.000	0.000	0.000	9.110	0.000	0.000	1150.000	1260.000

X1	3877.000	18.000	1177.000	1181.000	50.000	50.000	50.000	0.000	-0.300	0.000
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GR	105.800	1000.000	105.000	1050.000	104.400	1100.000	100.700	1150.000	99.100	1161.000
GR	97.200	1166.000	95.900	1171.000	95.300	1173.000	95.200	1177.000	93.600	1177.000
GR	93.600	1181.000	96.500	1181.000	96.600	1200.000	96.300	1250.000	96.400	1275.000
GR	100.400	1300.000	104.000	1350.000	106.000	1380.000	0.000	0.000	0.000	0.000
SB	0.000	2.420	2.500	0.000	4.000	0.000	20.000	0.000	93.600	93.300
ET	0.000	0.000	0.000	0.000	0.000	9.110	0.000	0.000	1150.000	1260.000

\*\*\* WBB-10 SR 1567 \*\*\*

X1	3942.000	0.000	0.000	0.000	65.000	65.000	65.000	0.000	0.300	0.000
X2	0.000	0.000	1.000	98.600	103.600	0.001	0.000	0.000	0.000	0.000
X3	10.000	0.000	0.000	0.000	0.000	0.000	0.000	103.800	103.800	0.000
BT	14.000	1000.000	105.800	0.000	1050.000	105.000	0.000	1100.000	104.400	0.000
BT	1150.000	103.800	0.000	1177.000	103.600	0.000	1177.000	103.600	98.600	1181.000
BT	103.600	98.600	1181.000	103.600	0.000	1200.000	103.600	0.000	1250.000	103.600
BT	0.000	1275.000	103.600	0.000	1300.000	103.700	0.000	1350.000	104.000	0.000
BT	1380.000	106.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
ET	0.000	9.100	0.000	0.000	0.000	0.000	0.000	0.000	1007.000	1147.000
ET	0.000	0.000	0.000	0.000	0.000	9.110	0.000	0.000	1045.000	1155.000

\*\*\* WBB-11 \*\*\*

X1	4010.000	17.000	1071.000	1082.000	68.000	68.000	68.000	0.000	0.000	0.000
GR	108.000	950.000	104.400	1000.000	102.800	1025.000	100.700	1050.000	99.100	1061.000
GR	97.200	1066.000	95.900	1071.000	95.300	1073.000	95.000	1076.000	94.700	1078.000
GR	94.600	1080.000	96.500	1082.000	96.600	1100.000	96.400	1175.000	100.400	1200.000
GR	104.000	1250.000	106.000	1280.000	0.000	0.000	0.000	0.000	0.000	0.000
ET	0.000	0.000	0.000	0.000	0.000	9.110	0.000	0.000	995.000	1105.000

\*\*\* WBB-12 \*\*\*

X1	4550.000	18.000	1021.000	1032.000	540.000	540.000	540.000	0.000	0.000	0.000
GR	108.000	955.000	104.000	982.000	101.800	1000.000	101.100	1012.000	97.600	1021.000
GR	96.800	1022.000	96.600	1027.000	96.800	1029.000	97.000	1031.000	97.400	1032.000
GR	97.800	1050.000	98.300	1100.000	97.900	1125.000	98.400	1150.000	100.400	1175.000
GR	100.700	1200.000	104.000	1260.000	108.000	1310.000	0.000	0.000	0.000	0.000
BT	6.000	220.000	480.000	665.000	1075.000	665.000	665.000	0.000	0.000	0.000
ET	0.000	0.000	0.000	0.000	0.000	9.110	0.000	0.000	1040.000	1130.000

\*\*\* WBB-13 \*\*\*

X1	4865.000	14.000	1077.000	1086.000	315.000	315.000	315.000	0.000	0.000	0.000
GR	110.000	922.000	106.000	960.000	102.300	1025.000	100.400	1075.000	100.200	1077.000
GR	99.300	1078.000	99.000	1082.000	99.300	1084.000	100.100	1086.000	100.100	1100.000
GR	101.800	1150.000	106.000	1207.000	108.000	1240.000	110.000	1305.000	0.000	0.000
ET	0.000	0.000	0.000	0.000	0.000	9.110	0.000	0.000	1020.000	1110.000

\*\*\* WBB-14 \*\*\*

X1	5340.000	13.000	1047.000	1055.000	475.000	475.000	475.000	0.000	0.000	0.000
GR	110.000	942.000	106.700	1000.000	104.800	1025.000	102.100	1047.000	99.800	1049.000
GR	99.900	1053.000	99.600	1054.000	101.900	1055.000	102.000	1075.000	102.100	1125.000
GR	103.700	1175.000	108.000	1225.000	110.000	1308.000	0.000	0.000	0.000	0.000
BT	6.000	200.000	440.000	610.000	990.000	610.000	610.000	0.000	0.000	0.000
ET	0.000	0.000	0.000	0.000	0.000	9.110	0.000	0.000	1040.000	1130.000

\*\*\* WBB-15 \*\*\*

X1	6060.000	15.000	1066.000	1074.000	720.000	720.000	720.000	0.000	0.000	0.000
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 HEC2 RELEASE DATED NOV 76 UPDATED JULY 1979  
 ERROR CORR - 01,02,03  
 MODIFICATION - 50,51,52,53  
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NOTE- ASTERISK (\*) AT LEFT OF CROSS-SECTION NUMBER INDICATES MESSAGE IN SUMMARY OF ERRORS LIST

BILLY BUDD CREEK

SUMMARY PRINTOUT

SECNO	CWSEL	EG	ELMIN	ELLC	10K*S	
28430.000	82.00	82.92	77.60	0.00	218.95	1095.00
28430.000	82.00	82.92	77.60	0.00	218.95	1095.00
28431.000	82.26	82.96	77.60	0.00	162.44	1095.00
28431.000	82.26	82.96	77.60	0.00	162.44	1095.00
28435.000	82.29	83.04	77.70	0.00	176.54	1095.00
28435.000	82.29	83.04	77.70	0.00	176.54	1095.00
* 28440.000	82.23	83.22	77.90	0.00	236.40	1095.00
* 28440.000	82.23	83.22	77.90	0.00	236.40	1095.00
* 28460.000	83.24	84.22	78.90	0.00	235.31	1095.00
* 28460.000	83.24	84.22	78.90	0.00	235.31	1095.00
50.000	84.78	84.86	79.10	0.00	42.52	845.00
50.000	84.84	85.06	79.10	0.00	82.14	845.00
51.000	84.70	84.87	79.10	0.00	41.37	845.00
51.000	84.85	85.07	79.10	0.00	81.39	845.00
55.000	84.81	84.89	79.10	0.00	40.73	845.00
55.000	84.89	85.11	79.10	0.00	78.94	845.00
60.000	84.83	84.91	79.10	0.00	39.34	845.00
60.000	84.94	85.15	79.10	0.00	74.98	845.00
80.000	84.91	84.98	79.10	0.00	34.57	845.00
80.000	85.11	85.29	79.10	0.00	62.32	845.00
405.000	86.50	87.32	80.00	0.00	146.11	845.00
405.000	87.26	87.81	80.00	0.00	86.40	845.00
576.000	88.17	89.13	81.10	0.00	123.92	845.00
576.000	88.34	89.23	81.10	0.00	111.82	845.00
586.000	89.07	89.90	81.00	0.00	181.03	845.00
586.000	89.13	89.94	81.00	0.00	175.55	845.00

SECNO	CWSEL	EG	ELMTN	ELLC	10K*8	U
654.000	92.72	92.81	81.00	88.00	17.75	845.00
654.000	93.39	93.50	81.00	88.00	17.35	845.00
690.000	92.75	92.86	81.10	0.00	9.40	845.00
690.000	93.46	93.55	81.10	0.00	7.46	845.00
1336.000	93.02	93.02	82.90	0.00	1.00	845.00
1336.000	93.80	93.81	82.90	0.00	2.31	845.00
1920.000	93.13	93.14	87.10	0.00	6.14	845.00
1920.000	94.02	94.04	87.10	0.00	7.83	845.00
2235.000	93.50	93.62	87.50	0.00	52.62	845.00
2235.000	94.39	94.46	87.50	0.00	24.40	845.00
2285.000	93.82	93.87	87.80	0.00	42.93	845.00
2285.000	94.55	94.60	87.80	0.00	32.14	845.00
2335.000	99.67	99.67	87.80	92.80	0.78	845.00
2335.000	100.01	100.03	87.80	92.80	4.14	845.00
2385.000	99.67	99.67	87.80	0.00	0.78	845.00
2385.000	100.03	100.05	87.80	0.00	4.12	845.00
2417.000	99.67	99.68	88.00	0.00	2.16	845.00
2417.000	100.05	100.06	88.00	0.00	3.00	845.00
2523.000	99.75	99.75	87.70	92.70	0.24	845.00
2523.000	100.26	100.27	87.70	92.70	1.65	845.00
2560.000	99.75	99.75	87.90	0.00	0.21	815.00
2560.000	100.27	100.27	87.90	0.00	1.35	815.00
2850.000	99.76	99.76	90.20	0.00	0.80	760.00
2850.000	100.31	100.32	90.20	0.00	1.66	760.00
3510.000	99.86	99.88	92.50	0.00	6.02	760.00
3510.000	100.49	100.52	92.50	0.00	6.76	760.00
3827.000	100.12	100.16	94.00	0.00	13.36	710.00
3827.000	100.77	100.82	94.00	0.00	12.91	710.00
3877.000	100.83	100.85	93.30	0.00	11.08	710.00
3877.000	100.86	100.89	93.30	0.00	17.51	710.00
3942.000	104.62	104.62	93.60	98.60	1.34	710.00
3942.000	105.10	105.11	93.60	98.60	2.36	710.00
4010.000	104.63	104.63	94.60	0.00	1.19	710.00
4010.000	105.11	105.13	94.60	0.00	2.15	710.00
4550.000	104.70	104.70	96.60	0.00	1.52	710.00
4550.000	105.26	105.28	96.60	0.00	3.64	710.00
4865.000	104.78	104.82	99.00	0.00	12.79	665.00
4865.000	105.44	105.50	99.00	0.00	15.32	665.00



SECNO	CWSEL	EG	ELMTN	ELLC	10K*8	Q
5340.000	105.56	105.61	99.60	0.00	22.09	665.00
5340.000	106.38	106.46	99.60	0.00	27.49	665.00
6060.000	108.32	108.51	103.00	0.00	98.93	610.00
6060.000	109.12	109.28	103.00	0.00	61.10	610.00

BILLY BUDD CREEK

SUMMARY PRINTOUT

SECNO	CWSEL	SSTA	STCHL	STCHR	ENDST	TOPWID
28430.000	82.00	636.30	700.00	740.00	772.26	126.82
28430.000	82.00	636.30	700.00	740.00	772.26	126.82
28431.000	82.26	626.85	700.00	740.00	778.82	143.10
28431.000	82.26	626.85	700.00	740.00	778.82	143.10
28435.000	82.29	629.51	700.00	740.00	776.97	138.52
28435.000	82.29	629.51	700.00	740.00	776.97	138.52
* 28440.000	82.23	638.68	700.00	740.00	770.61	122.72
* 28440.000	82.23	638.68	700.00	740.00	770.61	122.72
* 28460.000	83.24	638.54	700.00	740.00	770.70	122.96
* 28460.000	83.24	638.54	700.00	740.00	770.70	122.96
50.000	84.78	1013.62	1023.00	1032.00	1135.00	120.00
50.000	84.84	1015.00	1023.00	1032.00	1135.00	120.00
51.000	84.79	1013.59	1023.00	1032.00	1135.00	120.00
51.000	84.85	1015.00	1023.00	1032.00	1135.00	120.00
55.000	84.81	1013.57	1023.00	1032.00	1135.00	120.00
55.000	84.89	1015.00	1023.00	1032.00	1135.00	120.00
60.000	84.83	1013.53	1023.00	1032.00	1135.00	120.00
60.000	84.94	1015.00	1023.00	1032.00	1135.00	120.00
80.000	84.91	1013.38	1023.00	1032.00	1135.00	120.00
80.000	85.11	1015.00	1023.00	1032.00	1135.00	120.00
405.000	86.50	1084.07	1093.00	1103.00	1128.02	43.95
405.000	87.26	1084.00	1093.00	1103.00	1128.00	44.00
536.000	88.17	1006.07	1017.00	1030.00	1041.00	35.00
536.000	88.34	1006.00	1017.00	1030.00	1041.00	35.00
586.000	89.07	1135.79	1151.00	1158.00	1177.93	41.93
586.000	89.13	1136.00	1151.00	1158.00	1177.93	41.93
654.000	92.72	1100.00	1151.00	1158.00	1180.00	70.00
654.000	93.39	1110.00	1151.00	1158.00	1180.00	70.00
690.000	92.75	950.00	1017.00	1030.00	1090.00	100.00
690.000	93.46	990.00	1017.00	1030.00	1090.00	100.00
1336.000	93.02	952.37	1107.00	1115.00	1230.00	160.00
1336.000	93.80	1070.00	1107.00	1115.00	1230.00	160.00
1920.000	93.13	1006.87	1024.00	1033.00	1167.00	160.00
1920.000	94.02	1007.00	1024.00	1033.00	1167.00	160.00
2235.000	93.50	1108.89	1145.00	1155.00	1270.00	150.00
2235.000	94.39	1120.00	1145.00	1155.00	1270.00	150.00

SECNO	CWSEL	SSTA	STCHL	STCHR	ENDST	TOPWID
2285.000	93.82	1211.31	1258.00	1262.00	1452.66	241.34
2285.000	94.55	1230.00	1258.00	1262.00	1360.00	130.00
2335.000	99.67	1124.41	1258.00	1262.00	1575.32	450.91
2335.000	100.01	1230.00	1258.00	1262.00	1360.00	130.00
2385.000	99.67	1124.39	1258.00	1262.00	1575.34	450.96
2385.000	100.03	1230.00	1258.00	1262.00	1360.00	130.00
2417.000	99.67	1008.77	1135.00	1139.00	1408.68	399.91
2417.000	100.05	1080.00	1135.00	1139.00	1210.00	130.00
2523.000	99.75	901.71	1135.00	1139.00	1408.32	506.61
2523.000	100.26	1090.00	1135.00	1139.00	1220.00	130.00
2560.000	99.75	887.69	1121.00	1130.00	1398.14	510.44
2560.000	100.27	1090.00	1121.00	1130.00	1220.00	130.00
2850.000	99.76	965.98	1115.00	1126.00	1256.28	290.30
2850.000	100.31	1040.00	1115.00	1126.00	1170.00	130.00
3510.000	99.86	992.99	1035.00	1040.00	1210.98	217.99
3510.000	100.49	1010.00	1035.00	1048.00	1120.00	110.00
3827.000	100.12	1049.80	1071.00	1082.00	1204.40	154.60
3827.000	100.77	1050.00	1071.00	1082.00	1160.00	110.00
* 3877.000	100.83	1144.25	1177.00	1181.00	1310.07	165.82
3877.000	100.86	1150.00	1177.00	1181.00	1260.00	110.00
3942.000	104.62	1081.47	1177.00	1181.00	1359.34	277.87
3942.000	105.10	1150.00	1177.00	1181.00	1260.00	110.00
4010.000	104.63	992.96	1071.00	1082.00	1259.38	266.42
4010.000	105.11	1045.00	1071.00	1082.00	1155.00	110.00
4550.000	104.70	977.32	1021.00	1032.00	1268.67	291.35
4550.000	105.26	995.00	1021.00	1032.00	1105.00	110.00
4865.000	104.78	981.36	1077.00	1086.00	1190.50	209.14
4865.000	105.44	1040.00	1077.00	1086.00	1130.00	90.00
5340.000	105.56	1015.03	1047.00	1055.00	1196.81	181.58
5340.000	106.38	1020.00	1047.00	1055.00	1110.00	90.00
6060.000	108.32	1039.58	1066.00	1074.00	1201.10	161.53
6060.000	109.12	1040.00	1066.00	1074.00	1130.00	90.00

SUMMARY OF ERRORS

- CAUTION SECNO=28440.000 PROFILE= 1 CRITICAL DEPTH ASSUMED
- CAUTION SECNO=28440.000 PROFILE= 2 CRITICAL DEPTH ASSUMED
- CAUTION SECNO=28460.000 PROFILE= 1 CRITICAL DEPTH ASSUMED
- CAUTION SECNO=28460.000 PROFILE= 1 PROBABLE MINIMUM SPECIFIC ENERGY
- CAUTION SECNO=28460.000 PROFILE= 1 20 TRIALS ATTEMPTED TO BALAN WSEL
- CAUTION SECNO=28460.000 PROFILE= 2 CRITICAL DEPTH ASSUMED

FLOODWAY DATA, BILLY BUDD CREEK  
 PROFILE NO. 2

STATION	FLOODWAY			WATER SURFACE ELEVATION		
	WIDTH (FT)	SECTION AREA	MEAN VELOCITY	WITH FLOODWAY	WITHOUT FLOODWAY	DIFFERENCE
28430.000	136.	189.	5.8	82.0	82.0	0.0
28431.000	152.	224.	4.9	82.3	82.3	0.0
28435.000	147.	214.	5.1	82.3	82.3	0.0
28440.000	132.	181.	6.1	82.2	82.2	0.0
28460.000	132.	181.	6.0	83.2	83.2	0.0
A 50.000	120.	311.	2.7	84.9	84.8	0.1 A
51.000	120.	312.	2.7	84.9	84.8	0.1
55.000	120.	315.	2.7	84.9	84.8	0.1
60.000	120.	321.	2.6	84.9	84.8	0.1
80.000	120.	341.	2.5	85.1	84.9	0.2
405.000	44.	186.	4.6	87.3	86.5	0.8
536.000	35.	138.	6.1	88.4	88.2	0.2
586.000	42.	149.	5.7	89.2	89.1	0.1
654.000	70.	385.	2.2	93.4	92.7	0.7
B 690.000	100.	518.	1.6	93.5	92.8	0.7 B
C 1336.000	160.	1123.	0.8	93.8	93.0	0.8 C
D 1920.000	160.	757.	1.1	94.0	93.1	0.9 D
2235.000	150.	530.	1.6	94.4	93.5	0.9
2285.000	130.	487.	1.7	94.5	93.8	0.7
2335.000	130.	895.	0.9	100.0	99.7	0.3
2385.000	130.	897.	0.9	100.1	99.7	0.4
2417.000	130.	996.	0.8	100.1	99.7	0.4
2523.000	130.	1249.	0.7	100.2	99.7	0.5
E 2560.000	130.	1254.	0.6	100.2	99.7	0.5 E
F 2850.000	130.	1114.	0.7	100.4	99.8	0.6 F
G 3510.000	110.	642.	1.2	100.5	99.9	0.6 G
3827.000	110.	502.	1.4	100.7	100.1	0.6
3877.000	110.	488.	1.5	100.8	100.8	0.0
3942.000	110.	923.	0.8	105.1	104.6	0.5
H 4010.000	110.	892.	0.8	105.1	104.6	0.5 H
I 4550.000	110.	740.	1.0	105.3	104.7	0.6 I
J 4865.000	90.	438.	1.5	105.5	104.8	0.7 J
K 5340.000	90.	361.	1.8	106.4	105.6	0.8 K
L 6060.000	90.	260.	2.3	109.1	108.3	0.8 L