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DUTCHMANS CREEK PROFILE

PROGRAMMER=DMC ACCOUNT=RTI.A25.P01198

JOB TURN-AROUND		JOB PARAMETERS		TIME USED INCLUDES		MISC. JOB VALUES	
DATE	TIME	SPECIFIED	USED	NO.	EQUIVALENT	LINES IN	LINES OUT
ENTERED 5/04/78	7:56:26.3	1:00.0	0:20.3	CPU	0:04.3	144	
EXECUTED 5/04/78	7:56:29.4	50	29	UR EXCPS 1790	0:07.2	1558	
RETURNED 5/05/78	9:56:07.7	0	0	DISK EXCPS 442	0:00.8	10165 K-SEC	
JOB ENTERED ON THURSDAY		PLOTS 0	0	TAPE READ-WRITE	0:00.0	PRIORITY 02	
				TAPE FILE SEARCH	0:00.0	APPROX. COST \$8.79	

JOB C O N S O L E L O G

PROGRAMMER=DMC

ACCOUNT=RTI.A25.P01198

JOB TURN-AROUND		JOB PARAMETERS		TIME USED INCLUDES		MISC. JOB VALUES	
	DATE	TIME	SPECIFIED	USED	NO.	EQUIVALENT	
ENTERED	5/04/78	7:56:26.3	TIME 1:00.0	0:20.3	CPU	0:04.3	LINES IN 144
EXECUTED	5/04/78	7:56:29.4	PAGES 50	29	UR EXCPS 1790	0:07.2	LINES OUT 1558
RETURNED	5/05/78	9:56:07.7	CARDS 0	0	DISK EXCPS 442	0:00.8	MEMORY TIME 10165 K-SEC
JOB ENTERED ON THURSDAY			PLOTS 0	0	TAPE READ-WRITE	0:00.0	PRIORITY 02
					TAPE FILE SEARCH	0:00.0	APPROX. COST \$8.79

J O B C O N S O L E L O G

N 7.56.26 JOB 552 -- DUTCH -- JCL INTERPRETED, TUCS CPU #1
N 7.56.29 JOB 552 -- DUTCH -- BEGINNING EXEC - INIT 4 - CLASS
L* 7.56.29 JOB 552 +++++S=255,T=01,J=DUTCH 7:56:29 DMC
N 7.56.42 JOB 552 END EXECUTION.

//DUTCH JOB RTI.A25.P01198,DMC,M=1,T=1,P=50,PRTY=2
***PROCLIB=RTI.MG.PROCLIB
// EXEC HEC2
XXG EXEC PGM=HEC2,R=500K
XXSTEC CLAS ACOUNT=RTI.A25.P01198 JCL LIB L=MG.DUTCH=CPU

0000010

***PROCLIB=RTI.MG.PROCLIB

// EXEC HEC2

XXG EXEC PGM=HEC2,R=500K
 XXSTEPLIB DD DSN=RTI.A25.P03078.JCW.LIB.LOAD,DISP=SHR
 XXFT03F001 DD SYSOUT=A
 XXFT01F001 DD DDNAME=SYSIN
 XXFT91F001 DD DSN=&I91,UNIT=DISK,DISP=(,DELETE),SPACE=(TRK,(20,20)),
 XX DCB=(BUFNO=1,RECFM=FB,LRECL=133,BLKSIZE=6384)
 XXFT92F001 DD DSN=&I92,UNIT=DISK,DISP=(,DELETE),SPACE=(TRK,(20,20)),
 XX DCB=(BUFNO=1,RECFM=FB,LRECL=133,BLKSIZE=6384)
 XXFT93F001 DD DSN=&I93,UNIT=DISK,DISP=(,DELETE),SPACE=(TRK,(20,20)),
 XX DCB=(BUFNO=1,RECFM=FB,LRECL=133,BLKSIZE=6384)
 XXFT94F001 DD DSN=&I94,UNIT=DISK,DISP=(,DELETE),SPACE=(TRK,(20,20)),
 XX DCB=(BUFNO=1,RECFM=FB,LRECL=133,BLKSIZE=6384)
 XXFT95F001 DD DSN=&I95,UNIT=DISK,DISP=(,DELETE),SPACE=(TRK,(20,20)),
 XX DCB=(BUFNO=1,RECFM=VRS,LRECL=1000,BLKSIZE=6400)
 XXFT96F001 DD DSN=&I96,UNIT=DISK,DISP=(,DELETE),SPACE=(TRK,(20,20)),
 XX DCB=(BUFNO=1,RECFM=FB,LRECL=133,BLKSIZE=6384)

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//SYSIN DD *

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IEF236I ALLOC. FOR DUTCH G
 IEF237I 15C ALLOCATED TO STEPLIB
 IEF237I 562 ALLOCATED TO FT03F001
 IEF237I 502 ALLOCATED TO FT01F001
 ICF237I 170 ALLOCATED TO FT91F001
 IEF237I 151 ALLOCATED TO FT92F001
 IEF237I 170 ALLOCATED TO FT93F001
 IEF237I 151 ALLOCATED TO FT94F001
 IEF237I 170 ALLOCATED TO FT95F001
 IEF237I 151 ALLOCATED TO FT96F001

IEF142I - STEP WAS EXECUTED - COND CODE 0000

IEF285I	RTI.A25.P03078.JCW.LIB.LOAD	KEPT
IEF285I	VOL SER NOS= RTI444.	
IEF285I	SYS78124.T075627.RV001.DUTCH.I91	DELETED
IEF285I	VOL SER NOS= SPARE8.	
IEF285I	SYS78124.T075627.RV001.DUTCH.I92	DELETED
IEF285I	VOL SER NOS= SPARE9.	
ICF285I	SYS78124.T075627.RV001.DUTCH.I93	DELETED
IEF285I	VOL SER NOS= SPARE8.	
IEF285I	SYS78124.T075627.RV001.DUTCH.I94	DELETED
IEF285I	VOL SER NOS= SPARE9.	
IEF285I	SYS78124.T075627.RV001.DUTCH.I95	DELETED
IEF285I	VOL SER NOS= SPARE8.	
IEF285I	SYS78124.T075627.RV001.DUTCH.I96	DELETED
IEF285I	VOL SER NOS= SPARE9.	

G	CORE=500K	TIME---0:18.7	UR--1738	RD/WR---0:00.0	RC-----0
G	USED=234K	CPU---0:04.3	DISK---416	REWNO---0:00.0	
G		I/O---0:14.4	TAPE-----0	FL SR---0:00.0	

IEF285T VOL SER NOS= SPARE8.
IEF285T SYS78124.T075627.RV001.DUTCH.196
IEF285T VOL SER NOS= SPARE9.

DELETED

G CORE=500K TIME---0:18.7 UR--1738 RD/WR---0:00.0 RC-----0
G USED=234K CPU---0:04.3 DISK---416 REWND---0:00.0
G I/O---0:14.4 TAPE-----0 FL SR---0:00.0

DUTCH TIME---0:18.7

HEC2 RELEASE DATED NOV 76 UPDATED FEB 1977
ERROR CORR - 01
MODIFICATION - 50,51,52

T1 DUTCHMANS CRK MOUNT HOLLY
T2 GASTON CO. FIS JOB # 207022
T3 10 YEAR FLOOD WATER SURFACE PROFILE

J1	ICHECK	INO	NINV	IDIR	STRT	METRIC	HVIHS	Q	WSEL	FQ
	-1.	2.	0.	0.	0.000700	0.0	0.0	0.	568.000	0.0
J2	NPROF	IPLOT	PRFVS	XSECV	XSECH	FN	ALLDC	IRW	CHNIM	ITRACE
	0.0	0.0	-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0
J3	VARIABLE CODES FOR SUMMARY PRINTOUT									
	38.000	39.000	40.000	41.000	43.000	42.000	1.000	2.000	26.000	53.000

03 VARIABLE CODES FOR SUMMARY PRINTOUT

	38.000	39.000	40.000	41.000	43.000	42.000	1.000	2.000	26.000	53.000
	54.000	25.000	50.000	0.0	201.000	0.0	0.0	0.0	0.0	0.0
NC	0.080	0.080	0.040	0.100	0.300	0.0	0.0	0.0	0.0	0.0
QT	5.000	260.000	13030.000	15530.000	22660.000	15530.000	0.0	0.0	0.0	0.0
ET	5.000	0.0	0.0	0.0	0.0	-10.400	0.0	0.0	0.0	0.0
X1	825.000	11.000	1075.000	1217.000	825.000	825.000	825.000	0.0	-2.280	0.0
GR	579.100	1000.000	570.200	1028.000	570.100	1075.000	565.600	1080.000	557.700	1100.000
GR	555.400	1125.000	554.100	1150.000	564.900	1210.000	570.400	1217.000	573.700	1300.000
GR	577.700	1400.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
X1	845.000	0.0	0.0	0.0	20.500	20.500	20.500	0.0	0.570	3.0
ET	5.000	0.0	0.0	0.0	0.0	7.100	1139.550	1312.380	0.0	0.0
X1	866.000	22.000	1100.000	1342.200	20.500	20.500	20.500	0.0	0.0	0.0
GR	594.500	1000.000	586.100	1100.000	575.100	1122.200	570.000	1158.600	586.400	1158.600
GR	586.400	1162.600	570.000	1162.600	564.500	1193.200	559.100	1219.100	586.400	1219.100
GR	586.400	1221.100	586.400	1223.100	559.100	1223.100	556.500	1239.500	561.800	1279.400
GR	586.400	1279.400	586.400	1283.400	561.800	1283.400	564.600	1296.900	584.300	1334.700
GR	585.700	1342.200	594.200	1450.000	0.0	0.0	0.0	0.0	0.0	0.0
ET	5.000	0.0	0.0	0.0	0.0	7.100	1139.520	1312.390	0.0	0.0
X1	867.000	0.0	0.0	0.0	1.000	1.000	1.000	0.0	0.0	0.0
BT	5.000	1000.000	594.500	0.0	1100.000	593.800	586.300	1221.100	593.900	586.400
BT	1342.200	593.800	586.300	1450.000	594.200	0.0	0.0	0.0	0.0	0.0
ET	5.000	0.0	0.0	0.0	0.0	7.100	1138.150	1312.760	0.0	0.0
X1	883.000	22.000	1100.000	1342.200	16.100	16.100	16.100	0.0	0.0	0.0
BT	5.000	1000.000	594.500	0.0	1100.000	593.800	586.300	1221.100	593.900	586.400
BT	1342.200	593.800	586.300	1450.000	594.200	0.0	0.0	0.0	0.0	0.0
GR	594.500	1000.000	586.100	1100.000	575.100	1122.200	570.000	1158.600	586.400	1158.600
GR	586.400	1162.600	570.000	1162.600	564.500	1193.200	559.100	1219.100	586.400	1219.100
GR	586.400	1221.100	586.400	1223.100	559.100	1223.100	556.500	1239.500	561.800	1279.400
GR	586.400	1279.400	586.400	1283.400	561.800	1283.400	564.600	1296.900	584.300	1334.700
GR	585.700	1342.200	594.200	1450.000	0.0	0.0	0.0	0.0	0.0	0.0
ET	5.000	0.0	0.0	0.0	0.0	7.100	1138.110	1312.770	0.0	0.0
X1	884.000	0.0	0.0	0.0	1.000	1.000	1.000	0.0	0.0	0.0
ET	5.000	0.0	0.0	0.0	0.0	7.100	1014.120	1322.780	0.0	0.0

GR	586.400	1162.600	570.000	1162.600	564.500	1193.200	559.100	1219.100	586.400	1219.100
GR	586.400	1221.100	586.400	1223.100	559.100	1223.100	556.500	1239.500	561.800	1279.400
GR	586.400	1279.400	586.400	1283.400	561.800	1283.400	564.600	1296.900	584.300	1334.700
GR	585.700	1342.200	594.200	1450.000	0.0	0.0	0.0	0.0	0.0	0.0
ET	5.000	0.0	0.0	0.0	0.0	7.100	1138.110	1312.770	0.0	0.0

X1	884.000	0.0	0.0	0.0	1.000	1.000	1.000	0.0	0.0	0.0
ET	5.000	0.0	0.0	0.0	0.0	7.100	1014.120	1322.780	0.0	0.0

X1	905.000	11.000	1075.000	1217.000	20.500	20.500	20.500	0.0	-0.570	0.0
GR	579.100	1000.000	570.200	1028.000	570.100	1075.000	565.000	1080.000	557.700	1100.000
GR	555.400	1125.000	554.100	1150.000	564.900	1210.000	570.400	1217.000	573.700	1300.000
GR	577.700	1400.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
ET	5.000	0.0	0.0	0.0	0.0	7.100	1016.050	1307.470	0.0	0.0

X1	925.000	0.0	0.0	0.0	20.500	20.500	20.500	0.0	0.570	0.0
ET	5.000	0.0	0.0	0.0	0.0	-10.400	0.0	0.0	0.0	0.0

X1	1.315	0.0	0.0	0.0	390.000	390.000	390.000	0.820	0.300	0.0
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X1	1.708	8.000	1010.000	1076.000	393.000	393.000	393.000	1.400	-0.300	0.0
GR	580.000	880.000	573.300	1000.000	573.800	1010.000	564.200	1017.000	554.900	1047.000
GR	564.900	1067.000	573.400	1076.000	579.300	1097.000	0.0	0.0	0.0	0.0
ET	5.000	0.0	0.0	0.0	0.0	7.100	880.000	1095.700	0.0	0.0

X1	2100.000	0.0	0.0	0.0	392.000	392.000	392.000	0.710	0.300	0.0
ET	5.000	0.0	0.0	0.0	0.0	-10.400	0.0	0.0	0.0	0.0

X1	2900.000	11.000	1124.000	1226.000	800.000	800.000	800.000	0.0	0.0	0.0
GR	590.000	870.000	579.900	1000.000	572.100	1100.000	572.000	1124.000	564.900	1131.000
GR	556.600	1157.000	557.800	1175.000	565.800	1221.000	572.800	1226.000	590.600	1247.000
GR	590.000	1272.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
ET	5.000	0.0	0.0	0.0	0.0	-10.400	0.0	0.0	0.0	0.0

X1	5550.000	9.000	1000.000	1091.000	2650.000	2650.000	2650.000	0.0	0.0	0.0
GR	600.000	160.000	574.100	1000.000	563.800	1009.000	562.500	1038.000	561.000	1049.000
GR	559.600	1061.000	565.600	1082.000	576.200	1091.000	600.000	1311.000	0.0	0.0
QT	5.000	8230.000	12990.000	15490.000	22600.000	15490.000	0.0	0.0	0.0	0.0
ET	5.000	0.0	0.0	0.0	0.0	-10.400	0.0	0.0	0.0	0.0

X1	0.175	0.000	1.000.000	1.001.000	2625.000	2625.000	2625.000	0.0	0.0	0.0
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X1	5550.000	9.000	1000.000	1091.000	2650.000	2650.000	2650.000	0.0	0.0	0.0
GR	600.000	160.000	574.100	1000.000	563.800	1009.000	562.500	1038.000	561.000	1049.000
GR	559.600	1061.000	565.600	1082.000	576.200	1091.000	600.000	1311.000	0.0	0.0
QT	5.000	8230.000	12990.000	15490.000	22600.000	15490.000	0.0	0.0	0.0	0.0
ET	5.000	0.0	0.0	0.0	0.0	-10.400	0.0	0.0	0.0	0.0

X1	8175.000	11.000	1100.000	1181.000	2625.000	2625.000	2625.000	0.0	-6.150	0.0
GR	592.600	1000.000	587.100	1036.000	578.000	1048.000	574.800	1100.000	567.400	1111.000
GR	567.000	1128.000	566.000	1162.000	566.700	1191.000	576.700	1190.000	575.400	1200.000
GR	600.000	1390.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

X1	8204.000	0.0	0.0	0.0	28.700	28.700	28.700	0.0	1.540	0.0
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X1	8232.000	29.000	1100.000	1376.900	28.700	28.700	28.700	0.0	0.0	0.0
GR	594.900	1000.000	584.600	1100.000	584.500	1100.100	580.300	1120.500	576.900	1152.500
GR	590.400	1152.500	590.400	1154.900	576.900	1154.900	577.500	1176.000	565.800	1207.600
GR	590.900	1207.600	590.900	1210.000	565.800	1210.000	564.100	1238.500	563.900	1241.000
GR	565.700	1262.600	591.500	1262.600	591.500	1265.000	565.700	1265.000	566.000	1275.700
GR	575.900	1301.400	577.300	1317.600	592.200	1317.600	592.200	1320.000	577.400	1320.000
GR	581.400	1348.600	588.900	1376.800	588.900	1376.900	598.400	1426.900	0.0	0.0

X1	8233.000	0.0	0.0	0.0	1.000	1.000	1.000	0.0	0.0	0.0
BT	7.000	1000.000	594.900	0.0	1100.000	594.400	586.500	1100.100	597.700	589.900
BT	1238.500	599.100	591.200	1376.800	600.600	592.900	1376.900	597.400	589.500	1426.900
BT	598.400	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

82+50

X1	8267.000	29.000	1100.000	1376.900	33.400	33.400	33.400	0.0	0.0	0.0
BT	7.000	1000.000	594.900	0.0	1100.000	594.400	586.500	1100.100	597.700	589.900
BT	1238.500	599.100	591.200	1376.800	<u>600.800</u>	<u>592.900</u>	1376.900	597.400	589.500	1426.900
BT	598.400	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
GR	574.900	1000.000	584.600	1100.000	584.500	1100.100	580.300	1120.500	576.900	1152.500
GR	590.400	1152.500	590.400	1154.900	576.900	1154.900	577.500	1176.000	565.800	1207.600
GR	590.900	1207.600	590.900	1210.000	565.800	1210.000	564.100	1238.500	563.900	1241.000
GR	565.700	1262.600	591.500	1262.600	591.500	1265.000	565.700	1265.000	566.000	1275.700
GR	575.900	1301.400	577.300	1317.600	592.200	1317.600	592.200	1320.000	577.400	1320.000
GR	581.400	1348.600	588.900	1376.800	588.900	1376.900	598.400	1426.900	0.0	0.0

X1	8268.000	0.0	0.0	0.0	1.000	1.000	1.000	0.0	0.0	0.0
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X1	8296.000	11.000	1100.000	1181.000	28.700	28.700	28.700	0.0	-1.540	0.0
GR	592.600	1000.000	587.100	1036.000	578.000	1048.000	574.800	1100.000	567.400	1111.000
GR	567.000	1128.000	566.000	1162.000	566.700	1181.000	576.700	1190.000	575.400	1200.000

 HEC2 RELEASE DATED NOV 76 UPDATED FEB 1977
 ERROR CORR - 01
 MODIFICATION - 50,51,52

NOTE- ASTERISK (*) AT LEFT OF CROSS-SECTION NUMBER INDICATES MESSAGE IN SUMMARY OF ERRORS LIST

10 YEAR FLOOD WATER SURF

SUMMARY PRINTOUT

SECNO	XLCH	ELTRD	ELLC	Q	ELMIN	CWSEL	CRIWS	VCH	YSTA	ENDST	AREA	DIFWSP
A 825.000	825.00	0.0	0.0	8260.00	551.82	568.53 ¹⁰	0.0	4.96	1025.93	1228.53	1700.24	0.0
825.000	825.00	0.0	0.0	13030.00	551.82	572.02 ⁵⁰	0.0	5.86	1015.10	1315.02	2565.29	3.44
825.000	825.00	0.0	0.0	15530.00	551.82	573.47 ¹⁰⁰	0.0	6.23	1010.54	1351.28	3029.89	1.45
825.000	825.00	0.0	0.0	22660.00	551.82	576.93 ⁵⁰⁰	0.0	7.06	1000.00	1400.00	4347.56	3.46
845.000	20.50	0.0	0.0	8260.00	552.39	568.56	0.0	5.23	1027.77	1216.84	1586.44	0.0
845.000	20.50	0.0	0.0	13030.00	552.39	572.00	0.0	6.14	1016.97	1300.16	2392.00	3.43
845.000	20.50	0.0	0.0	15530.00	552.39	573.44	0.0	6.52	1012.41	1336.35	2831.49	1.45
845.000	20.50	0.0	0.0	22660.00	552.39	576.89	0.0	7.36	1001.56	1400.00	4106.46	3.45
866.000	20.50	0.0	0.0	8260.00	556.50	567.53	0.0	11.24	1176.32	1302.53	735.03	0.0
866.000	20.50	0.0	0.0	13030.00	556.50	571.19	0.0	10.69	1150.10	1309.55	1218.54	3.66
866.000	20.50	0.0	0.0	15530.00	556.50	572.67	0.0	10.74	1139.55	1312.38	1446.40	1.48
866.000	20.50	0.0	0.0	22660.00	556.50	576.14	0.0	11.01	1120.07	1319.07	2058.79	3.48
867.000	1.00	593.80	586.40	8260.00	556.50	567.54	0.0	11.23	1176.31	1302.53	735.26	0.0
867.000	1.00	593.80	586.40	13030.00	556.50	571.20	0.0	10.69	1150.07	1309.55	1219.08	3.66
867.000	1.00	593.80	586.40	15530.00	556.50	572.68	0.0	10.73	1139.52	1312.39	1446.92	1.48
867.000	1.00	593.80	586.40	22660.00	556.50	576.15	0.0	11.01	1120.08	1319.06	2057.77	3.47
883.000	16.10	593.80	586.40	8260.00	556.50	567.99	0.0	10.44	1173.72	1303.43	791.11	0.0
883.000	16.10	593.80	586.40	13030.00	556.50	571.41	0.0	10.41	1148.51	1309.97	1251.57	3.42
883.000	16.10	593.80	586.40	15530.00	556.50	572.86	0.0	10.51	1138.15	1312.76	1477.97	1.45
883.000	16.10	593.80	586.40	22660.00	556.50	576.29	0.0	10.87	1119.79	1319.34	2085.25	3.43
884.000	1.00	0.0	0.0	8260.00	556.50	568.00	0.0	10.44	1173.71	1303.43	791.41	0.0
884.000	1.00	0.0	0.0	13030.00	556.50	571.42	0.0	10.40	1148.47	1309.99	1252.47	3.42
884.000	1.00	0.0	0.0	15530.00	556.50	572.87	0.0	10.50	1138.11	1312.77	1478.98	1.45
884.000	1.00	0.0	0.0	22660.00	556.50	576.29	0.0	10.86	1119.71	1319.35	2085.25	3.43

883.000	16.10	593.80	586.40	13030.00	556.50	571.41	0.0	10.41	1148.51	1309.97	1251.57	3.42
883.000	16.10	593.80	586.40	15530.00	556.50	572.86	0.0	10.51	1138.15	1312.76	1477.97	1.45
883.000	16.10	593.80	586.40	22660.00	556.50	576.29	0.0	10.87	1119.79	1319.34	2085.25	3.43
884.000	1.00	0.0	0.0	8260.00	556.50	568.00	0.0	10.44	1173.71	1303.43	791.41	0.0
884.000	1.00	0.0	0.0	13030.00	556.50	571.42	0.0	10.40	1148.47	1309.99	1252.47	3.42
884.000	1.00	0.0	0.0	15530.00	556.50	572.87	0.0	10.50	1138.11	1312.77	1478.98	1.45
884.000	1.00	0.0	0.0	22660.00	556.50	576.30	0.0	10.86	1119.78	1319.35	2086.26	3.43
905.000	20.50	0.0	0.0	8260.00	553.53	569.42	0.0	5.36	1075.13	1216.47	1539.91	0.0
905.000	20.50	0.0	0.0	13030.00	553.53	572.62	0.0	6.40	1018.55	1287.50	2253.01	3.21
905.000	20.50	0.0	0.0	15530.00	553.53	574.03	0.0	6.81	1014.12	1322.78	2659.72	1.41
905.000	20.50	0.0	0.0	22660.00	553.53	577.43	0.0	7.68	1003.42	1400.00	3870.78	3.40
925.000	20.50	0.0	0.0	8260.00	554.10	569.40	0.0	5.67	1075.78	1215.73	1457.52	0.0
925.000	20.50	0.0	0.0	13030.00	554.10	572.60	0.0	6.73	1020.46	1272.24	2095.04	3.20
925.000	20.50	0.0	0.0	15530.00	554.10	574.00	0.0	7.15	1016.05	1307.47	2476.02	1.40
925.000	20.50	0.0	0.0	22660.00	554.10	577.39	0.0	8.04	1005.38	1392.29	3626.66	3.39

B

SECNO	YLCH	ELTRD	ELLC	R	ELMIN	CWSEL	CRWS	VCH	SSTA	ENDST	AREA	DIFWSP
1.315	390.00	0.0	0.0	8260.00	554.40	569.74	0.0	6.88	1062.10	1176.94	1200.19	0.0
1.315	390.00	0.0	0.0	13030.00	554.40	572.87	0.0	8.22	1016.83	1222.81	1713.65	3.13
1.315	390.00	0.0	0.0	15530.00	554.40	574.24	0.0	8.76	1013.30	1250.98	2017.04	1.37
1.315	390.00	0.0	0.0	22660.00	554.40	577.55	0.0	9.89	1004.76	1318.84	2930.22	3.31
1.708	393.00	0.0	0.0	8260.00	554.60	570.06	0.0	10.48	1065.51	1149.89	788.43	0.0
1.708	393.00	0.0	0.0	13030.00	554.60	572.96	0.0	12.48	1062.55	1154.19	1043.78	2.90
1.708	393.00	0.0	0.0	15530.00	554.60	574.16	0.0	13.42	1018.80	1159.70	1187.37	1.20
1.708	393.00	0.0	0.0	22660.00	554.60	577.07	574.24	15.44	946.03	1174.17	1722.92	2.91
2100.000	392.00	0.0	0.0	8260.00	554.90	571.55	0.0	13.06	1010.85	1072.88	632.26	0.0
2100.000	392.00	0.0	0.0	13030.00	554.90	574.32	0.0	16.05	981.04	1078.09	829.23	2.78
2100.000	392.00	0.0	0.0	15530.00	554.90	575.38	574.11	17.51	962.25	1081.83	943.53	1.05
2100.000	392.00	0.0	0.0	22660.00	554.90	578.43	578.43	19.93	907.98	1092.61	1407.20	3.05
2900.000	800.00	0.0	0.0	8260.00	556.60	575.34	0.0	5.77	1058.49	1232.83	1561.66	0.0
2900.000	800.00	0.0	0.0	13030.00	556.60	579.44	0.0	6.68	1005.89	1243.88	2407.54	4.10
2900.000	800.00	0.0	0.0	15530.00	556.60	581.23	0.0	7.02	982.83	1248.69	2859.33	1.79
2900.000	800.00	0.0	0.0	22660.00	556.60	585.38	0.0	7.85	929.47	1259.71	4094.98	4.14
5550.000	2650.00	0.0	0.0	8260.00	559.60	577.68	0.0	6.40	883.73	1104.73	1480.50	0.0
								7.17	785.64	1141.23	2678.35	3.95

C

	2100.000	392.00	0.0	0.0	13030.00	504.90	574.32	0.0	16.05	981.04	1078.09	829.23	2.78
	2100.000	392.00	0.0	0.0	15530.00	554.90	575.38	574.11	17.51	962.25	1081.83	943.53	1.05
	2100.000	392.00	0.0	0.0	22660.00	554.90	578.43	578.43	19.93	907.98	1092.61	1407.20	3.05
	2900.000	800.00	0.0	0.0	8260.00	556.60	575.34	0.0	5.77	1058.49	1232.83	1561.66	0.0
	2900.000	800.00	0.0	0.0	13030.00	556.60	579.44	0.0	6.68	1005.89	1243.88	2407.54	4.10
C	2900.000	800.00	0.0	0.0	15530.00	556.60	581.23	0.0	7.02	982.83	1248.69	2859.33	1.79
	2900.000	800.00	0.0	0.0	22660.00	556.60	585.38	0.0	7.85	929.47	1259.71	4094.98	4.14
	5550.000	2650.00	0.0	0.0	8260.00	559.60	577.68	0.0	6.40	883.73	1104.73	1480.50	0.0
	5550.000	2650.00	0.0	0.0	13030.00	559.60	581.63	0.0	7.17	755.64	1141.23	2678.36	3.95
D	5550.000	2650.00	0.0	0.0	15530.00	559.60	583.35	0.0	7.38	699.70	1157.18	3405.41	1.73
	5550.000	2650.00	0.0	0.0	22660.00	559.60	587.46	0.0	7.70	566.79	1195.06	5630.18	4.10
	8175.000	2625.00	0.0	0.0	8230.00	559.85	579.46	0.0	4.56	1037.97	1278.82	2627.48	0.0
	8175.000	2625.00	0.0	0.0	12990.00	559.85	583.45	0.0	5.50	1019.67	1309.64	3676.88	3.99
E	8175.000	2625.00	0.0	0.0	15490.00	559.85	585.13	0.0	5.92	1008.64	1322.65	4185.76	1.68
	8175.000	2625.00	0.0	0.0	22600.00	559.85	589.06	0.0	6.95	1000.00	1353.00	5507.30	3.93
	8204.000	28.70	0.0	0.0	8230.00	561.39	579.41	0.0	5.14	1040.06	1266.57	2257.05	0.0
	8204.000	28.70	0.0	0.0	12990.00	561.39	583.39	0.0	6.09	1030.10	1297.33	3232.82	3.98
	8204.000	28.70	0.0	0.0	15490.00	561.39	585.07	0.0	6.52	1019.10	1310.31	3701.99	1.68
	8204.000	28.70	0.0	0.0	22600.00	561.39	588.99	0.0	7.58	1000.00	1340.58	4949.57	3.92
	8232.000	28.70	0.0	0.0	8230.00	563.90	579.35	0.0	5.49	1129.40	1333.97	1499.20	0.0
	8232.000	28.70	0.0	0.0	12990.00	563.90	583.43	0.0	5.41	1105.32	1356.21	2400.98	4.07
	8232.000	28.70	0.0	0.0	15490.00	563.90	585.15	0.0	5.47	1094.62	1362.72	2831.66	1.73
	8232.000	28.70	0.0	0.0	22600.00	563.90	589.17	0.0	5.80	1055.63	1378.32	3978.42	4.02
	8233.000	1.00	594.40	592.90	8230.00	563.90	579.36	0.0	5.49	1129.39	1333.98	1499.43	0.0
	8233.000	1.00	594.40	592.90	12990.00	563.90	583.43	0.0	5.41	1105.31	1356.22	2401.36	4.07
	8233.000	1.00	594.40	592.90	15490.00	563.90	585.16	0.0	5.47	1094.61	1362.72	2831.91	1.73
	8233.000	1.00	594.40	592.90	22600.00	563.90	589.17	0.0	5.83	1055.63	1378.32	3919.14	4.01
	8267.000	33.40	594.40	592.90	8230.00	563.90	579.44	0.0	5.44	1128.71	1334.49	1513.51	0.0
	8267.000	33.40	594.40	592.90	12990.00	563.90	583.48	0.0	5.38	1105.06	1356.42	2414.22	4.05
	8267.000	33.40	594.40	592.90	15490.00	563.90	585.21	0.0	5.45	1094.14	1362.90	2844.42	1.72
	8267.000	33.40	594.40	592.90	22600.00	563.90	589.21	0.0	5.61	1055.26	1378.52	3929.53	4.00
	8268.000	1.00	0.0	0.0	8230.00	563.90	579.44	0.0	5.43	1128.61	1334.57	1515.67	0.0
	8268.000	1.00	0.0	0.0	12990.00	563.90	583.49	0.0	5.38	1105.02	1356.44	2415.75	4.05
	8268.000	1.00	0.0	0.0	15490.00	563.90	585.21	0.0	5.45	1094.09	1362.92	2845.82	1.72
	8268.000	1.00	0.0	0.0	22600.00	563.90	589.22	0.0	5.78	1055.22	1378.54	3991.53	4.01

SECNO	XLCH	ELTRD	ELLC	Q	ELMIN	CWSEL	CRWS	VCH	SSTA	ENDST	AREA	DIFWSP
8296.000	28.70	0.0	0.0	8230.00	564.46	579.35	0.0	6.74	1044.19	1242.41	1592.59	0.0
8296.000	28.70	0.0	0.0	12990.00	564.46	583.30	0.0	7.62	1038.98	1272.91	2446.01	3.95
8296.000	28.70	0.0	0.0	15490.00	564.46	584.99	0.0	8.03	1036.76	1285.93	2853.24	1.69
8296.000	28.70	0.0	0.0	22600.00	564.46	588.92	0.0	9.00	1014.03	1316.28	3931.68	3.93
8325.000	28.70	0.0	0.0	8230.00	566.00	579.18	0.0	7.99	1046.44	1229.24	1267.79	0.0
8325.000	28.70	0.0	0.0	12990.00	566.00	583.15	0.0	8.71	1041.21	1259.84	2062.98	3.96
8325.000	28.70	0.0	0.0	15490.00	566.00	584.83	0.0	9.08	1038.99	1272.88	2444.84	1.69
8325.000	28.70	0.0	0.0	22600.00	566.00	588.76	0.0	10.09	1025.13	1303.20	3439.94	3.93
10600.000	2275.00	0.0	0.0	8230.00	564.40	584.07	0.0	8.12	989.22	1108.68	1043.84	0.0
10600.000	2275.00	0.0	0.0	12990.00	564.40	587.44	0.0	9.68	941.68	1129.42	1560.81	3.37
10600.000	2275.00	0.0	0.0	15490.00	564.40	588.93	0.0	10.24	920.63	1138.60	1864.33	1.49
10600.000	2275.00	0.0	0.0	22600.00	564.40	592.59	0.0	11.29	869.16	1158.00	2795.96	3.66
11800.000	1200.00	0.0	0.0	7960.00	566.40	586.71	0.0	7.83	970.39	1094.44	1127.63	0.0
11800.000	1200.00	0.0	0.0	12580.00	566.40	590.42	0.0	9.17	922.80	1100.64	1687.99	3.71
11800.000	1200.00	0.0	0.0	15000.00	566.40	591.97	0.0	9.72	902.99	1103.22	1980.02	1.54
11800.000	1200.00	0.0	0.0	21920.00	566.40	595.58	0.0	10.90	856.62	1109.26	2197.70	3.61
12800.000	1000.00	0.0	0.0	7960.00	573.50	588.63	0.0	7.83	981.10	1156.96	1092.12	0.0
12800.000	1000.00	0.0	0.0	12580.00	573.50	592.49	0.0	8.20	919.52	1165.99	1908.81	3.86
12800.000	1000.00	0.0	0.0	15000.00	573.50	594.08	0.0	8.42	894.33	1202.56	2347.51	1.58
12800.000	1000.00	0.0	0.0	21920.00	573.50	597.80	0.0	8.92	835.01	1288.98	3767.11	3.73
13900.000	1100.00	0.0	0.0	7950.00	571.40	590.66	0.0	6.10	986.88	1259.77	1653.25	0.0
13900.000	1100.00	0.0	0.0	12560.00	571.40	594.25	0.0	6.77	949.68	1348.17	2856.63	3.58
13900.000	1100.00	0.0	0.0	14990.00	571.40	595.76	0.0	7.03	934.03	1385.36	3497.47	1.51
13900.000	1100.00	0.0	0.0	21890.00	571.40	599.34	0.0	7.55	896.83	1473.78	5340.89	3.59
16050.000	2150.00	0.0	0.0	7940.00	574.90	592.67	0.0	5.66	995.62	1250.23	1778.04	0.0
16050.000	2150.00	0.0	0.0	12550.00	574.90	596.09	0.0	6.48	985.99	1366.96	2868.34	3.42
16050.000	2150.00	0.0	0.0	14970.00	574.90	597.54	0.0	6.81	981.91	1416.25	3458.96	1.45
16050.000	2150.00	0.0	0.0	21870.00	574.90	600.98	0.0	7.46	975.00	1500.00	5151.87	3.44

SUMMARY OF ERRORS

CAUTION SECNO= 2100.000 PROFILE= 4 CRITICAL DEPTH ASSUMED
CAUTION SECNO= 2100.000 PROFILE= 4 MINIMUM SPECIFIC ENERGY

//DUTCH JOB RTI.A25.P01198,DMC,M=1,T=1,P=50,PRTY=2

***PROCLIB=RTI.MG.PROCLIB

// EXEC HEC2

XXG EXEC PGM=HEC2,R=500K

XXSTEPLIB DD DSN=RTI.A25.P03078.JCW.LIB,LOAD,DISP=SHR

XXFT03F001 DD SYSOUT=A

XXFT01F001 DD DDNAME=SYSIN

XXFT91F001 DD DSN=8I91,UNIT=DISK,DISP=(,DELETE),SPACE=(TRK,(20,20)),

XX DCB=(BUFNO=1,RECFM=FR,LRECL=133,BLKSIZE=6384)

XXFT92F001 DD DSN=8I92,UNIT=DISK,DISP=(,DELETE),SPACE=(TRK,(20,20)),

XX DCB=(BUFNO=1,RECFM=FR,LRECL=133,BLKSIZE=6384)

XXFT93F001 DD DSN=8I93,UNIT=DISK,DISP=(,DELETE),SPACE=(TRK,(20,20)),

XX DCB=(BUFNO=1,RECFM=FR,LRECL=133,BLKSIZE=6384)

XXFT94F001 DD DSN=8I94,UNIT=DISK,DISP=(,DELETE),SPACE=(TRK,(20,20)),

XX DCB=(BUFNO=1,RECFM=FR,LRECL=133,BLKSIZE=6384)

XXFT95F001 DD DSN=8I95,UNIT=DISK,DISP=(,DELETE),SPACE=(TRK,(20,20)),

XX DCB=(BUFNO=1,RECFM=VRS,LRECL=1000,BLKSIZE=6400)

XXFT96F001 DD DSN=8I96,UNIT=DISK,DISP=(,DELETE),SPACE=(TRK,(20,20)),

XX DCB=(BUFNO=1,RECFM=FR,LRECL=133,BLKSIZE=6384)

00000010

00000020

00000030

00000040

00000050

00000060

00000070

00000080

00000090

00000100

00000110

00000120

00000130

00000140

00000150

00000160

//SYSIN DD *

//

IEF236I ALLOC. FOR DUTCH G

IEF237I 15C ALLOCATED TO STEPLIB

IEF237I 56J ALLOCATED TO FT03F001

IEF237I 503 ALLOCATED TO FT01F001

IEF237I 177 ALLOCATED TO FT91F001

IEF237I 177 ALLOCATED TO FT92F001

IEF237I 177 ALLOCATED TO FT93F001

IEF237I 177 ALLOCATED TO FT94F001

IEF237I 177 ALLOCATED TO FT95F001

IEF237I 177 ALLOCATED TO FT96F001

IEF142I - STEP WAS EXECUTED - COND CODE 0000

IEF285I RTI.A25.P03078.JCW.LIB,LOAD

KEPT

IEF285I VOL SER NOS= RTI444.

IEF285I SYS78123.T145855.RV001.DUTCH.I91

DELETED

IEF285I VOL SER NOS= SPARE7.

IEF285I SYS78123.T145855.RV001.DUTCH.I92

DELETED

IEF285I VOL SER NOS= SPARE7.

IEF285I SYS78123.T145855.RV001.DUTCH.I93

DELETED

IEF285I VOL SER NOS= SPARE7.

IEF285I SYS78123.T145855.RV001.DUTCH.I94

DELETED

IEF285I VOL SER NOS= SPARE7.

IEF285I SYS78123.T145855.RV001.DUTCH.I95

DELETED

IEF285I VOL SER NOS= SPARE7.

IEF285I SYS78123.T145855.RV001.DUTCH.I96

DELETED

IEF285I VOL SER NOS= SPARE7.

G COPE=500K TIME---0:15.5 UR--1167 RD/WR---0:00.0 RC-----0
G USED=234K CPU---0:03.8 DISK---396 REWD---0:00.0
G I/O---0:11.7 TAPE-----0 FL SR---0:00.0

G USED=234K CPU---0:03.0 DISK---396 REWIND---0:00.0
 G I/O---0:11.7 TAPE-----0 FL SR---0:00.0

DUTCH TIME---0:15.5

 HEC2 RELEASE DATED NOV 76 UPDATED FEB 1977
 ERROR CORR - 01
 MODIFICATION - 50,51,52

T1 DUTCHMANS CRK MOUNT HOLLY
 T2 GASTON CO. FIS JOB # 207022
 T3 100 YEAR FLOOD WATER SURFACE PROFILE

J1	ICHECK	ING	NINV	TDIR	STRT	METRIC	HVINS	0	WSEL	EQ
	-1.	4.	0.	0.	0.0	0.0	0.0	0.	573,470	0.0
J2	NPROF	IPLOT	PRFVS	XSECV	XSECH	FN	ALLDC	IBW	CHMIM	ITRACE
	0.0	0.0	-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0
J3	VARIABLE CODES FOR SUMMARY PRINTOUT									
	38.000	39.000	40.000	41.000	43.000	42.000	1.000	2.000	26.000	53.000
	54.000	25.000	50.000	0.0	200.000	0.0	0.0	0.0	0.0	0.0

NC 0.080 0.080 0.040 0.100 0.300 0.0 0.0 0.0 0.0 0.0

	38,000	39,000	40,000	41,000	43,000	42,000	1,000	2,000	26,000	53,000	
	54,000	25,000	50,000	0.0	200,000	0.0	0.0	0.0	0.0	0.0	
NC	0.080	0.080	0.040	0.100	0.300	0.0	0.0	0.0	0.0	0.0	0.0
QT	5.000	8260.000	13030.000	15530.000	22660.000	15530.000	0.0	0.0	0.0	0.0	0.0
ET	5.000	0.0	0.0	0.0	0.0	-10,400	0.0	0.0	0.0	0.0	0.0
X1	825.000	11.000	1075.000	1217.000	825.000	825.000	825.000	825.000	0.0	-2,280	0.0
GR	579.100	1000.000	570.200	1028.000	570.100	1075.000	565.600	1080.000	557.700	1100.000	1100.000
GR	555.400	1125.000	554.100	1150.000	564.900	1210.000	570.400	1217.000	573.700	1300.000	1300.000
GR	577.700	1400.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
X1	845.000	0.0	0.0	0.0	20.500	20.500	20.500	0.0	0.570	0.0	0.0
ET	5.000	0.0	0.0	0.0	0.0	7.100	1139.550	1312.380	0.0	0.0	0.0
X1	866.000	22.000	1100.000	1342.200	20.500	20.500	20.500	0.0	0.0	0.0	0.0
GR	594.500	1000.000	586.100	1100.000	575.100	1122.200	570.000	1158.600	586.400	1158.600	1158.600
GR	586.400	1162.600	570.000	1162.600	564.500	1193.200	559.100	1219.100	586.400	1219.100	1219.100
GR	586.400	1221.100	586.400	1223.100	559.100	1223.100	556.500	1239.500	561.800	1279.400	1279.400
GR	586.400	1279.400	586.400	1283.400	561.800	1283.400	564.600	1296.900	584.300	1334.700	1334.700
GR	585.700	1342.200	594.200	1450.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0
ET	5.000	0.0	0.0	0.0	0.0	7.100	1139.520	1312.390	0.0	0.0	0.0
X1	867.000	0.0	0.0	0.0	1.000	1.000	1.000	0.0	0.0	0.0	0.0
BT	5.000	1000.000	594.500	0.0	1100.000	593.800	586.300	1221.100	593.900	586.400	586.400
BT	1342.200	593.800	586.300	1450.000	594.200	0.0	0.0	0.0	0.0	0.0	0.0
ET	5.000	0.0	0.0	0.0	0.0	7.100	1138.150	1312.760	0.0	0.0	0.0
X1	883.000	22.000	1100.000	1342.200	16.100	16.100	16.100	0.0	0.0	0.0	0.0
BT	5.000	1000.000	594.500	0.0	1100.000	593.800	586.300	1221.100	593.900	586.400	586.400
BT	1342.200	593.800	586.300	1450.000	594.200	0.0	0.0	0.0	0.0	0.0	0.0
GR	594.500	1000.000	586.100	1100.000	575.100	1122.200	570.000	1158.600	586.400	1158.600	1158.600
GR	586.400	1162.600	570.000	1162.600	564.500	1193.200	559.100	1219.100	586.400	1219.100	1219.100
GR	586.400	1221.100	586.400	1223.100	559.100	1223.100	556.500	1239.500	561.800	1279.400	1279.400
GR	586.400	1279.400	586.400	1283.400	561.800	1283.400	564.600	1296.900	584.300	1334.700	1334.700
GR	585.700	1342.200	594.200	1450.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0
ET	5.000	0.0	0.0	0.0	0.0	7.100	1138.110	1312.770	0.0	0.0	0.0
X1	984.000	0.0	0.0	0.0	1.000	1.000	1.000	0.0	0.0	0.0	0.0
ET	5.000	0.0	0.0	0.0	0.0	7.100	1014.120	1322.780	0.0	0.0	0.0

GR	586.400	1221.100	586.400	1223.100	559.100	1223.100	556.500	1239.500	561.800	1279.400
GR	586.400	1279.400	586.400	1283.400	561.800	1283.400	564.600	1296.900	584.300	1334.700
GR	585.700	1342.200	594.200	1450.000	0.0	0.0	0.0	0.0	0.0	0.0
ET	5.000	0.0	0.0	0.0	0.0	7.100	1138.110	1312.770	0.0	0.0
X1	384.000	0.0	0.0	0.0	1.000	1.000	1.000	0.0	0.0	0.0
ET	5.000	0.0	0.0	0.0	0.0	7.100	1014.120	1322.780	0.0	0.0
X1	595.000	11.000	1075.000	1217.000	20.500	20.500	20.500	0.0	-0.570	0.0
GR	579.100	1000.000	570.200	1028.000	570.100	1075.000	565.600	1080.000	557.700	1100.000
GR	555.400	1125.000	554.100	1150.000	564.900	1210.000	570.400	1217.000	573.700	1300.000
GR	577.700	1400.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
ET	5.000	0.0	0.0	0.0	0.0	7.100	1016.050	1307.470	0.0	0.0
X1	925.000	0.0	0.0	0.0	20.500	20.500	20.500	0.0	0.570	0.0
ET	5.000	0.0	0.0	0.0	0.0	-10.400	0.0	0.0	0.0	0.0
X1	1.315	0.0	0.0	0.0	390.000	390.000	390.000	0.820	0.300	0.0
X1	1.708	8.000	1010.000	1076.000	393.000	393.000	393.000	1.400	-0.300	0.0
GR	590.000	880.000	573.300	1000.000	573.800	1010.000	564.200	1017.000	554.900	1047.000
GR	564.900	1067.000	573.400	1076.000	579.300	1097.000	0.0	0.0	0.0	0.0
ET	5.000	0.0	0.0	0.0	0.0	7.100	890.000	1095.700	0.0	0.0
X1	2100.000	0.0	0.0	0.0	392.000	392.000	392.000	0.710	0.300	0.0
ET	5.000	0.0	0.0	0.0	0.0	-10.400	0.0	0.0	0.0	0.0
X1	2900.000	11.000	1124.000	1226.000	800.000	800.000	800.000	0.0	0.0	0.0
GR	590.000	870.000	579.900	1000.000	572.100	1100.000	572.000	1124.000	564.900	1131.000
GR	556.600	1157.000	557.000	1175.000	565.800	1221.000	572.800	1226.000	580.600	1247.000
GR	590.000	1272.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
ET	5.000	0.0	0.0	0.0	0.0	-10.400	0.0	0.0	0.0	0.0
X1	5550.000	9.000	1000.000	1091.000	2650.000	2650.000	2650.000	0.0	0.0	0.0
GR	600.000	160.000	574.100	1000.000	563.800	1009.000	562.500	1038.000	561.000	1049.000
GR	559.600	1061.000	565.600	1082.000	576.200	1091.000	600.000	1311.000	0.0	0.0
QT	5.000	8230.000	12990.000	15490.000	22600.000	15490.000	0.0	0.0	0.0	0.0
ET	5.000	0.0	0.0	0.0	0.0	-10.400	0.0	0.0	0.0	0.0
X1	8175.000	11.000	1100.000	1101.000	2625.000	2625.000	2625.000	0.0	-6.150	0.0
GR	590.000	1000.000	573.300	1035.000	570.000	1000.000	570.000	1100.000	567.000	1111.000

GR	579.000	1061.000	515.000	1002.000	576.200	1091.000	600.000	1311.000	0.0	0.0
QT	5.000	8230.000	12990.000	15490.000	22600.000	15490.000	0.0	0.0	0.0	0.0
ET	5.000	0.0	0.0	0.0	0.0	-10.400	0.0	0.0	0.0	0.0
X1	8175.000	11.000	1100.000	1181.000	2625.000	2625.000	2625.000	0.0	-6.150	0.0
GR	592.600	1000.000	587.100	1036.000	578.000	1048.000	574.800	1100.000	567.400	1111.000
GR	567.000	1128.000	566.000	1162.000	566.700	1181.000	576.700	1190.000	575.400	1200.000
GR	600.000	1390.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
X1	8204.000	0.0	0.0	0.0	28.700	28.700	28.700	0.0	1.540	0.0
X1	8232.000	29.000	1100.000	1376.900	28.700	28.700	28.700	0.0	0.0	0.0
GR	594.900	1000.000	584.600	1100.000	584.500	1100.100	580.300	1120.500	576.900	1152.500
GR	590.400	1152.500	590.400	1154.900	576.900	1154.900	577.500	1176.000	565.800	1207.600
GR	590.900	1207.600	590.900	1210.000	565.800	1210.000	564.100	1238.500	563.900	1241.000
GR	565.700	1262.600	591.500	1262.600	591.500	1265.000	565.700	1265.000	566.000	1275.700
GR	575.900	1301.400	577.300	1317.600	592.200	1317.600	592.200	1320.000	577.400	1320.000
GR	581.400	1348.600	588.900	1376.800	588.900	1376.900	598.400	1426.900	0.0	0.0
X1	8233.000	0.0	0.0	0.0	1.000	1.000	1.000	0.0	0.0	0.0
BT	7.000	1000.000	594.900	0.0	1100.000	594.400	586.500	1100.100	597.700	589.900
BT	1238.500	599.100	591.200	1376.800	600.800	592.900	1376.900	597.400	589.500	1426.900
BT	598.400	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
X1	8267.000	29.000	1100.000	1376.900	33.400	33.400	33.400	0.0	0.0	0.0
BT	7.000	1000.000	594.900	0.0	1100.000	594.400	586.500	1100.100	597.700	589.900
BT	1238.500	599.100	591.200	1376.800	600.800	592.900	1376.900	597.400	589.500	1426.900
BT	598.400	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
GR	594.900	1000.000	584.600	1100.000	584.500	1100.100	580.300	1120.500	576.900	1152.500
GR	590.400	1152.500	590.400	1154.900	576.900	1154.900	577.500	1176.000	565.800	1207.600
GR	590.900	1207.600	590.900	1210.000	565.800	1210.000	564.100	1238.500	563.900	1241.000
GR	565.700	1262.600	591.500	1262.600	591.500	1265.000	565.700	1265.000	566.000	1275.700
GR	575.900	1301.400	577.300	1317.600	592.200	1317.600	592.200	1320.000	577.400	1320.000
GR	581.400	1348.600	588.900	1376.800	588.900	1376.900	598.400	1426.900	0.0	0.0
X1	8268.000	0.0	0.0	0.0	1.000	1.000	1.000	0.0	0.0	0.0
X1	8296.000	11.000	1100.000	1181.000	28.700	28.700	28.700	0.0	-1.540	0.0
GR	592.600	1000.000	587.100	1036.000	578.000	1048.000	574.800	1100.000	567.400	1111.000
GR	567.000	1128.000	566.000	1162.000	566.700	1181.000	576.700	1190.000	575.400	1200.000
GR	600.000	1390.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
ET	5.000	0.0	0.0	0.0	0.0	7.100	1038.990	1272.880	0.0	0.0

KJ	3295.000	11.000	1100.000	1101.000	20.700	20.700	20.700	0.0	-1.540	0.0
GR	592.600	1000.000	587.100	1036.000	578.000	1048.000	574.800	1100.000	567.400	1111.000
GR	567.000	1128.000	566.000	1162.000	566.700	1181.000	576.700	1190.000	575.400	1200.000
GR	600.000	1390.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
ET	5.000	0.0	0.0	0.0	0.0	7.100	1038.990	1272.880	0.0	0.0

X1	8325.000	0.0	0.0	0.0	28.700	28.700	28.700	0.0	1.540	0.0
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X1	10600.000	9.000	1014.000	1096.000	2275.000	2275.000	2275.000	0.0	0.0	0.0
GR	600.000	765.000	583.300	1000.000	582.400	1014.000	567.400	1034.000	564.400	1065.000
GR	586.300	1065.000	567.200	1080.000	582.000	1096.000	592.100	1158.000	0.0	0.0
QT	5.000	7960.000	12580.000	15000.000	21920.000	15000.000	0.0	0.0	0.0	0.0
ET	5.000	0.0	0.0	0.0	0.0	7.100	902.990	1103.220	0.0	0.0

X1	11800.000	8.000	1023.000	1122.000	1200.000	1200.000	1200.000	0.0	0.0	0.0
GR	600.000	800.000	564.400	1000.000	579.500	1023.000	568.000	1035.000	566.400	1048.000
GR	568.300	1048.000	567.900	1063.000	603.200	1122.000	0.0	0.0	0.0	0.0
ET	5.000	0.0	0.0	0.0	0.0	7.100	894.330	1202.560	0.0	0.0

X1	12800.000	9.000	1055.000	1166.000	1000.000	1000.000	1000.000	0.0	0.0	0.0
GR	600.000	800.000	587.000	1007.000	587.500	1055.000	575.000	1084.000	573.500	1100.000
GR	575.400	1100.000	574.500	1124.000	592.500	1166.000	600.000	1340.000	0.0	0.0
QT	5.000	7950.000	12560.000	14990.000	21890.000	14990.000	0.0	0.0	0.0	0.0
ET	5.000	0.0	0.0	0.0	0.0	7.100	934.030	1385.360	0.0	0.0

X1	13900.000	11.000	1060.000	1150.000	1100.000	1100.000	1100.000	0.0	0.0	0.0
GR	600.000	890.000	589.400	1000.000	587.100	1060.000	571.400	1097.000	571.900	1114.000
GR	576.300	1114.000	575.700	1139.000	586.500	1150.000	585.200	1166.000	588.200	1199.000
GR	600.000	1490.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
QT	5.000	7940.000	12550.000	14970.000	21870.000	14970.000	0.0	0.0	0.0	0.0
ET	5.000	0.0	0.0	0.0	0.0	7.100	981.910	1416.250	0.0	0.0

X1	16050.000	14.000	1105.000	1200.000	2150.000	2150.000	2150.000	0.0	0.0	0.0
GR	600.000	975.000	591.100	1000.000	587.000	1043.000	589.800	1057.000	589.000	1105.000
GR	577.400	1124.000	576.000	1144.000	574.900	1154.000	578.100	1154.000	576.900	1184.000
GR	586.900	1200.000	587.700	1213.000	591.800	1221.000	600.000	1500.000	0.0	0.0
EJ	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

	SECNO	XLCH	ELTRD	ELLC	Q	ELNIN	CWSEL	CRWS	VCH	SSTA	ENDST	AREA	DIFWSP
A	825.000	825.00	0.0	0.0	15530.00	551.82	573.47	0.0	6.23	1010.54	1351.26	3029.60	0.0
	825.000	825.00	0.0	0.0	15530.00	551.82	574.49	0.0	6.20	1075.00	1217.00	2503.10	1.02
	845.000	20.50	0.0	0.0	15530.00	552.39	573.44	0.0	6.52	1012.42	1336.32	2831.07	0.0
	845.000	20.50	0.0	0.0	15530.00	552.39	574.48	0.0	6.42	1075.00	1217.00	2420.20	1.03
	866.000	20.50	0.0	0.0	15530.00	556.50	572.67	0.0	10.74	1139.55	1312.38	1446.24	0.0
	866.000	20.50	0.0	0.0	15530.00	556.50	574.01	0.0	9.34	1139.55	1312.38	1661.94	1.34
	867.000	1.00	593.80	586.40	15530.00	556.50	572.68	0.0	10.73	1139.53	1312.39	1446.80	0.0
	867.000	1.00	593.80	586.40	15530.00	556.50	574.01	0.0	9.34	1139.52	1312.39	1661.94	1.33
	883.000	16.10	593.80	586.40	15530.00	556.50	572.86	0.0	10.51	1138.16	1312.76	1477.81	0.0
	883.000	16.10	593.80	586.40	15530.00	556.50	574.12	0.0	9.23	1138.15	1312.76	1681.79	1.25
	884.000	1.00	0.0	0.0	15530.00	556.50	572.87	0.0	10.50	1138.11	1312.77	1478.87	0.0
	884.000	1.00	0.0	0.0	15530.00	556.50	574.12	0.0	9.23	1138.11	1312.77	1682.54	1.25
	905.000	20.50	0.0	0.0	15530.00	553.53	574.03	0.0	6.01	1014.12	1322.76	2659.50	0.0
	905.000	20.50	0.0	0.0	15530.00	553.53	574.96	0.0	6.33	1014.12	1322.78	2943.94	0.92
B	925.000	20.50	0.0	0.0	15530.00	554.10	574.00	0.0	7.15	1016.05	1307.46	2475.87	0.0
	925.000	20.50	0.0	0.0	15530.00	554.10	574.93	0.0	6.64	1016.05	1307.47	2747.01	0.93
	1.315	390.00	0.0	0.0	15530.00	554.40	574.24	0.0	8.76	1013.30	1250.98	2017.06	0.0
	1.315	390.00	0.0	0.0	15530.00	554.40	575.04	0.0	8.55	1061.50	1177.94	1816.39	0.80
	1.708	393.00	0.0	0.0	15530.00	554.60	574.16	0.0	13.42	1018.81	1159.70	1187.27	0.0
	1.708	393.00	0.0	0.0	15530.00	554.60	575.11	0.0	12.50	1062.00	1154.40	1241.98	0.95
	2100.000	392.00	0.0	0.0	15530.00	554.90	575.38	574.11	17.50	962.24	1081.83	943.61	0.0
	2100.000	392.00	0.0	0.0	15530.00	554.90	575.99	574.24	16.64	951.27	1084.01	1021.37	0.62
C	2900.000	800.00	0.0	0.0	15530.00	556.60	581.23	0.0	7.02	982.84	1248.68	2859.20	0.0
	2900.000	800.00	0.0	0.0	15530.00	556.60	581.24	0.0	7.64	1112.31	1227.56	2128.90	0.00
D	5550.000	2650.00	0.0	0.0	15530.00	559.60	583.35	0.0	7.38	999.72	1157.17	3405.22	0.0
	5550.000	2650.00	0.0	0.0	15530.00	559.60	583.70	0.0	7.94	948.00	1103.62	2352.22	0.34

	SECNO	XLCH	ELTRD	ELLC	Q	ELMIN	CWSEL	CRWS	VCH	SSTA	ENDST	AREA	DIFWSP
E	8175.000	2625.00	0.0	0.0	15490.00	559.85	585.13	0.0	5.92	1008.64	1322.65	4185.68	0.0
	8175.000	2625.00	0.0	0.0	15490.00	559.85	585.73	0.0	6.22	1051.83	1232.61	3556.02	0.60
	8204.000	28.70	0.0	0.0	15490.00	561.39	585.07	0.0	6.52	1019.10	1310.31	3701.99	0.0
	8204.000	28.70	0.0	0.0	15490.00	561.39	585.66	0.0	6.88	1056.41	1224.35	3114.68	0.59
	8232.000	28.70	0.0	0.0	15490.00	563.90	585.15	0.0	5.47	1094.62	1362.72	2831.66	0.0
	8232.000	28.70	0.0	0.0	15490.00	563.90	585.92	0.0	5.12	1100.00	1365.58	3024.10	0.76
	8233.000	1.00	594.40	592.90	15490.00	563.90	585.16	0.0	5.47	1094.61	1362.72	2831.91	0.0
	8233.000	1.00	594.40	592.90	15490.00	563.90	585.92	0.0	5.12	1100.00	1365.58	3024.31	0.76
	8267.000	33.40	594.40	592.90	15490.00	563.90	585.21	0.0	5.45	1094.14	1362.90	2844.42	0.0
	8267.000	33.40	594.40	592.90	15490.00	563.90	585.96	0.0	5.11	1100.00	1365.73	3034.13	0.75
	8268.000	1.00	0.0	0.0	15490.00	563.90	585.21	0.0	5.45	1094.09	1362.92	2845.82	0.0
	8268.000	1.00	0.0	0.0	15490.00	563.90	585.96	0.0	5.10	1100.00	1365.75	3035.44	0.75
	8296.000	28.70	0.0	0.0	15490.00	564.46	584.99	0.0	8.03	1036.76	1285.93	2853.24	0.0
	8296.000	28.70	0.0	0.0	15490.00	564.46	585.57	0.0	8.53	1067.66	1207.66	2310.44	0.58
F	8325.000	28.70	0.0	0.0	15490.00	566.00	-584.83	0.0	9.08	1038.99	1272.88	2444.84	0.0
	8325.000	28.70	0.0	0.0	15490.00	566.00	585.67	0.0	8.52	1038.99	1272.88	2641.26	0.84
G	10600.000	2275.00	0.0	0.0	15490.00	564.40	588.93	0.0	10.24	920.63	1138.60	1864.33	0.0
	10600.000	2275.00	0.0	0.0	15490.00	564.40	589.15	0.0	10.07	917.59	1139.93	1911.79	0.22
AH	11800.000	1200.00	0.0	0.0	15000.00	566.40	591.97	0.0	9.72	902.99	1103.22	1980.02	0.0
	11800.000	1200.00	0.0	0.0	15000.00	566.40	592.05	0.0	9.65	902.99	1103.22	1997.51	0.09
BI	12800.000	1000.00	0.0	0.0	15000.00	573.50	594.08	0.0	8.42	894.33	1202.56	2347.51	0.0
	12800.000	1000.00	0.0	0.0	15000.00	573.50	594.12	0.0	8.38	894.33	1202.56	2362.00	0.05
C	13900.000	1100.00	0.0	0.0	14990.00	571.40	595.76	0.0	7.03	934.03	1385.36	3497.47	0.0
	13900.000	1100.00	0.0	0.0	14990.00	571.40	595.78	0.0	7.01	934.03	1385.36	3510.18	0.03
D	16050.000	2150.00	0.0	0.0	14970.00	574.90	597.54	0.0	6.81	981.91	1416.25	3458.96	0.0
	16050.000	2150.00	0.0	0.0	14970.00	574.90	597.55	0.0	6.80	981.91	1416.25	3465.90	0.02

SUMMARY OF ERRORS