AHYMO PROGRAM SUMMARY TABLE (AHYMO_97) - - VERSION: 1997.02c RUN DATE (MON/DAY/YR) =01/16/2014
INPUT FILE = C:\Projects\LONGFO~1\REVISE~3\TRAILS~4.TXT USER NO.= AHYMO-I-9702a01000K21-AH

COMMAND	HYDROGRAPH IDENTIFICATION	FROM ID NO.	TO ID NO.	PEAK AREA (SQ MI)	RUNOFF DISCHARGE (CFS)	VOLUME (AC-FT)	TIME TO RUNOFF (INCHES)	CFS PEAK (HOURS)	PER ACRE	NOTATION
										PAGE = 1
START								TIME= .00		
RAINFALL TYPE= 2								RAIN24= 2.660		
SEDIMENT BULK								PK BF = 1.00		
*S**********										
*S********** COMPUTE ONSITE BASINS FROM THE TRAILS										
*S**********										
COMPUTE NM HYD	OFFSITE1	-	50	.19980	37.00	4.426	.41534	2.000	.289	PER IMP= .00
ROUTE RESERVOIR	OFF.POND.1	50	53	.19980	9.25	4.426	.41533	3.200	.072	AC-FT= 2.302
ROUTE MCUNGE	RTE.OFF.POND	53	54	.19980	9.26	4.426	.41537	3.200	.072	CCODE = .2
COMPUTE NM HYD	BASIN.A1	-	21	.02422	51.68	2.610	2.02069	1.500	3.334	PER IMP= 75.00
COMPUTE NM HYD	BASIN.A2	-	22	.01331	23.43	.960	1.35259	1.500	2.750	PER IMP= 34.00
COMPUTE NM HYD	BASIN.A3	-	23	.00502	11.41	.606	2.26512	1.500	3.550	PER IMP= 90.00
COMPUTE NM HYD	BASIN.A4	-	24	.01186	26.39	1.381	2.18365	1.500	3.477	PER IMP= 85.00
COMPUTE NM HYD	BASIN.A5	-	25	.01830	37.55	1.829	1.87404	1.500	3.206	PER IMP= 66.00
COMPUTE NM HYD	BASIN.A6	-	26	.02652	53.44	2.558	1.80886	1.500	3.149	PER IMP= 62.00
COMPUTE NM HYD	BASIN.A7	-	27	.01055	22.52	1.137	2.02070	1.500	3.335	PER IMP= 75.00
ADD HYD	O1.A2	54&22	55	.21311	25.89	5.386	.47390	1.500	.190	
ADD HYD	O1A2.A1	55&21	56	.23733	77.57	7.996	.63175	1.500	.511	
ADD HYD	O1A2A1.A3	56&23	57	.24235	88.97	8.603	.66558	1.500	.574	
ROUTE MCUNGE	RTE.O1A2A1.A	57	58	.24235	80.93	8.569	.66299	1.500	.522	CCODE = .1
ADD HYD	A1TOA5	58&25	59	.26065	118.48	10.398	.74801	1.500	.710	
DIVIDE HYD	BYPASS.A5	59	61	.14169	8.26	5.653	.74801	1.300	.091	
	SURGE.A5	and	62	.11896	110.22	4.746	.74801	1.500	1.448	
ROUTE RESERVOIR	POND.A5	62	60	.11896	6.12	4.746	.74801	2.400	.080	AC-FT= 3.774
ADD HYD	TOTALA5	61&60	59	.26065	14.38	10.398	.74800	2.400	.086	
ROUTE MCUNGE	RTE.A4	24	61	.01186	24.62	1.372	2.16943	1.500	3.243	CCODE = .1
ADD HYD	RTE.A4.A6	61&26	62	.03838	78.06	3.931	1.92024	1.500	3.178	
ADD HYD	RTEA4A6.POND	62&59	63	.29903	90.13	14.329	.89846	1.500	.471	
DIVIDE HYD	BYPASS.A6	63	61	.16754	8.26	8.028	.89846	1.300	.077	
	SURGE.A6	and	62	.13149	81.87	6.301	.89846	1.500	.973	
ROUTE RESERVOIR	POND.A6	62	64	.13149	6.27	6.301	.89846	4.400	.075	AC-FT= 3.108
ADD HYD	TOTALA6	61&64	66	.29903	14.53	14.329	.89845	4.400	.076	
ADD HYD	PONDA6.A7	66&27	65	.30958	34.71	15.466	.93669	1.500	.175	
ROUTE MCUNGE	RTE.A6.A7	65	66	.30958	34.71	15.466	.93669	1.500	.175	CCODE = .0
COMPUTE NM HYD	BASIN.D1	-	25	.01816	36.60	1.752	1.80886	1.500	3.149	PER IMP= 62.00
ADD HYD	A6.A7.D1	66&25	67	.32774	71.31	17.218	.98502	1.500	.340	

DIVIDE HYD BYPASS.AD1 67 61 .24177 11.07 12.701 .98502 1.200 .072
SURGE.D1 and 62 .08597 60.24 4.517 .98502 1.500 1.095
ROUTE RESERVOIR POND.D1 62 68 .08597 4.50 4.518 .98529 2.700 .082 AC-FT= 2.135
ADD HYD TOTALD1 61&68 67 .32774 15.57 17.218 .98506 2.700 .074
ROUTE MCUNGE RTE.D1 67 69 .32774 15.57 17.221 .98519 2.800 .074 CCODE = .2
COMPUTE NM HYD BASIN.D2 - 25 .03456 63.65 2.763 1.49925 1.500 2.878 PER IMP= 43.00
ADD HYD PONDD1.D2 69&25 70 .36230 76.93 19.984 1.03422 1.500 .332
COMPUTE NM HYD BASIN.D3 - 26 .00580 13.18 .701 2.26512 1.500 3.550 PER IMP= 90.00
ADD HYD D1.D2.D3 70&26 71 .36810 90.11 20.685 1.05362 1.500 .383
ROUTE MCUNGE RTE.D1 71 72 .36810 90.11 20.685 1.05362 1.500 .383 CCODE = .0
COMPUTE NM HYD BASIN.D4 - 27 .01961 36.12 1.568 1.49925 1.500 2.878 PER IMP= 43.00
ADD HYD D1D2D3.D4 72&27 73 .38771 126.23 22.253 1.07615 1.500 .509
COMPUTE NM HYD BASIN.D5 - 28 .01367 26.55 1.224 1.67850 1.500 3.035 PER IMP= 54.00

♀

COMMAND	HYDROGRAPH IDENTIFICATION	ID NO.	ID NO.	AREA (SQ MI)	PEAK DISCHARGE (CFS)	RUNOFF VOLUME (AC-FT)	RUNOFF (INCHES)	TIME TO PEAK (HOURS)	CFS PER ACRE	NOTATION
ADD HYD	D1234.D5 73&28	74		.40138	152.79	23.476	1.09667	1.500	.595	
COMPUTE NM HYD	BASIN.D6 -	25		.00781	15.89	.767	1.84145	1.500	3.178	PER IMP= 64.00
ADD HYD	D12345.D6 74&25	75		.40919	168.67	24.243	1.11088	1.500	.644	
DIVIDE HYD	BYPASS.D	75	31	.28697	13.80	17.002	1.11088	1.200	.075	
	SURGE.D and	32		.12222	154.87	7.241	1.11088	1.500	1.980	
ROUTE RESERVOIR	POND.D	32	50	.12222	6.71	7.238	1.11035	2.400	.086	AC-FT= 5.079
ROUTE MCUNGE	RTE.D	50	51	.12222	6.71	7.233	1.10969	2.700	.086	CCODE = .1
ADD HYD	BYPASS.RTE.D 51&31	75		.40919	20.51	24.235	1.11051	2.700	.078	
COMPUTE NM HYD	BASIN.C -	20		.01278	24.36	1.100	1.61332	1.500	2.978	PER IMP= 50.00
ROUTE MCUNGE	RTE.C	20	76	.01278	23.74	1.096	1.60827	1.600	2.902	CCODE = .1
COMPUTE NM HYD	BASIN.F1 -	20		.02208	43.39	2.025	1.71939	1.500	3.071	PER IMP= 56.50
ADD HYD	C.F1 76&20	77		.03486	64.42	3.121	1.67860	1.500	2.888	
COMPUTE NM HYD	BASIN.F2 -	21		.00573	13.02	.692	2.26512	1.500	3.550	PER IMP= 90.00
ADD HYD	CF1.F2 77&21	78		.04059	77.44	3.813	1.76139	1.500	2.981	
ROUTE MCUNGE	RTE.CF1F2	78	79	.04059	76.94	3.816	1.76280	1.500	2.962	CCODE = .2
COMPUTE NM HYD	BASIN.F3 -	22		.03563	70.02	3.267	1.71938	1.500	3.070	PER IMP= 56.50
ADD HYD	CF1F2.F3 79&22	70		.07622	146.95	7.083	1.74248	1.500	3.012	
COMPUTE NM HYD	BASIN.F4 -	23		.03892	74.16	3.349	1.61331	1.500	2.977	PER IMP= 50.00
ADD HYD	CF1F2F3.F4 70&23	71		.11514	221.12	10.432	1.69882	1.500	3.001	
ADD HYD	CF1F2F3F4.D 71&75	70		.52433	235.18	34.667	1.23970	1.500	.701	
COMPUTE NM HYD	BASIN.F5 -	24		.01852	39.52	1.996	2.02070	1.500	3.334	PER IMP= 75.00
COMPUTE NM HYD	BASIN.J10 -	25		.00628	14.27	.759	2.26512	1.500	3.550	PER IMP= 90.00
COMPUTE NM HYD	BASIN.J11 -	26		.00733	16.65	.886	2.26512	1.500	3.549	PER IMP= 90.00
ADD HYD	J10.J11 25&26	23		.01361	30.92	1.644	2.26508	1.500	3.550	
ROUTE MCUNGE	RTE.J10J11	23	10	.01361	29.01	1.634	2.25104	1.500	3.330	CCODE = .1

COMPUTE NM HYD BASIN.F7 - 26 .01097 24.42 1.278 2.18365 1.500 3.478 PER IMP= 85.00
ROUTE MCUNGE RTE.F7 26 74 .01097 23.37 1.269 2.16910 1.500 3.328 CCODE = .1
ADD HYD F7.F5 74&24 75 .02949 62.89 3.265 2.07585 1.500 3.332
ROUTE RESERVOIR POND.F5 75 51 .02949 19.84 3.265 2.07584 1.900 1.051 AC-FT= 1.386
COMPUTE NM HYD BASIN.F8 - 27 .00781 15.89 .767 1.84145 1.500 3.178 PER IMP= 64.00
ADD HYD PONDF5.F8 51&27 78 .03730 27.40 4.032 2.02672 1.500 1.148
ROUTE MCUNGE RTE.PONDF5 78 77 .03730 27.34 4.033 2.02709 1.600 1.145 CCODE = .2
ADD HYD F1TOF8 77&70 78 .56163 262.09 38.700 1.29199 1.500 .729
DIVIDE HYD BYPASS.F 78 31 .16236 6.20 11.187 1.29199 1.200 .060
SURGE.F and 32 .39927 255.89 27.512 1.29199 1.500 1.001
ROUTE RESERVOIR POND.F 32 52 .39927 ********** ********** ********** 103.200 ******** AC-FT=*********
ADD HYD BYPASSF.POND 31&52 53 .56163 24.36 38.684 1.29146 3.900 .068
ROUTE MCUNGE RTE.PONDF 53 77 .56163 24.35 38.655 1.29051 4.300 .068 CCODE = .2
COMPUTE NM HYD BASIN.G1 - 20 .02531 48.23 2.178 1.61331 1.500 2.978 PER IMP= 50.00
ROUTE MCUNGE RTE.G1 20 78 .02531 48.23 2.178 1.61330 1.500 2.978 CCODE = .0
COMPUTE NM HYD BASIN.G2 - 21 .02530 48.22 2.177 1.61331 1.500 2.978 PER IMP= 50.00
ADD HYD G1.G2 78&21 30 .05061 96.45 4.355 1.61330 1.500 2.978
ADD HYD G1G2.PONDF 30&77 31 .61224 111.35 43.010 1.31719 1.500 .284
DIVIDE HYD BYPASS.G 31 32 .45934 17.86 32.269 1.31719 1.300 .061
SURGE.G and 33 .15290 93.49 10.741 1.31719 1.500 .955
ROUTE RESERVOIR POND.G 33 34 .15290 6.94 10.741 1.31715 5.400 .071 AC-FT= 2.955
ROUTE MCUNGE RTE.PONDG 34 78 .15290 6.94 10.737 1.31664 5.700 .071 CCODE = .1
ADD HYD BYPASS.RTE.G 78&32 79 .61224 24.80 43.005 1.31704 5.700 .063
COMPUTE NM HYD OFFSITE2 - 55 .08050 13.87 1.783 .41534 2.000 .269 PER IMP= .00
ROUTE RESERVOIR OFFPOND2 55 50 .08050 4.43 1.783 .41534 3.100 .086 AC-FT= .813
ROUTE MCUNGE RTE.OFFPOND2 50 70 .08050 4.43 1.783 .41538 3.200 .086 CCODE = .2
COMPUTE NM HYD BASIN.B - 30 .01998 34.80 1.407 1.32000 1.500 2.721 PER IMP= 32.00

COMMAND	HYDROGRAPH IDENTIFICATION	ID NO.	ID NO.	AREA (SQ MI)	PEAK DISCHARGE (CFS)	RUNOFF VOLUME (AC-FT)	RUNOFF (INCHES)	TIME TO PEAK (HOURS)	CFS PER ACRE	NOTATION

ROUTE RESERVOIR POND.B 30 51 .01998 3.36 1.407 1.31999 2.100 .263 AC-FT= .930
ROUTE MCUNGE RTE.PONDB 51 71 .01998 3.36 1.407 1.32010 2.100 .263 CCODE = .2
ADD HYD OFF.B 71&70 72 .10048 7.62 3.190 .59525 2.900 .118
COMPUTE NM HYD BASIN.E1 - 30 .03341 58.79 2.410 1.35259 1.500 2.749 PER IMP= 34.00
ADD HYD OFFB.E1 72&30 73 .13389 61.76 5.600 .78423 1.500 .721
COMPUTE NM HYD BASIN.E2 - 32 .01348 27.42 1.324 1.84145 1.500 3.178 PER IMP= 64.00
ROUTE MCUNGE RTE.E2 32 76 .01348 25.29 1.314 1.82775 1.600 2.932 CCODE = .1
COMPUTE NM HYD BASIN.E3 - 33 .01197 22.82 1.030 1.61331 1.500 2.978 PER IMP= 50.00
COMPUTE NM HYD BASIN.E4 - 34 .00577 13.11 .697 2.26513 1.500 3.550 PER IMP= 90.00
ADD HYD E3.E4 33&34 74 .01774 35.93 1.727 1.82529 1.500 3.164
ADD HYD E3E4.E1BOFF 74&73 75 .15163 97.69 7.327 .90603 1.500 1.007

```
ROUTE MCUNGE       RTE.E1E4   75   77       .15163       97.69       7.327       .90603    1.500    1.007 CCODE =      .0
ADD HYD            E1E4.E2 77&76  78       .16511       122.58      8.641       .98127    1.500    1.160
COMPUTE NM HYD     BASIN.E5   -    35       .04402       80.67       3.482       1.48295   1.500    2.863 PER IMP=  42.00
ADD HYD            E1E4.E5 78&35  80       .20913       203.25      12.123      1.08687   1.500    1.519
COMPUTE NM HYD     BASIN.E6   -    36       .00488       11.09       .590        2.26512   1.500    3.550 PER IMP=  90.00
ADD HYD            E1E6 80&36  40          .21401       214.33      12.712      1.11374   1.500    1.565
DIVIDE HYD         BYPASS.E   40   61       .10345       15.50       6.145       1.11374   1.300    .234
                   SURGE.E and   62          .11056       198.83      6.567       1.11374   1.500    2.810
ROUTE RESERVOIR    POND.E     62   37       .11056       6.83        6.574       1.11484   2.400    .097 AC-FT=    6.058
ADD HYD            TOTALE 61&37  40          .21401       22.33       12.718      1.11427   2.400    .163
ROUTE MCUNGE       RTE.PONDE  40   38       .21401       22.34       12.720      1.11446   2.100    .163 CCODE =      .2
COMPUTE NM HYD     BASIN.P    -    32       .00845       10.08       .327        .72623    1.500    1.865 PER IMP=   7.00
COMPUTE NM HYD     BASIN.H1   -    33       .01825       37.78       1.856       1.90663   1.500    3.234 PER IMP=  68.00
ADD HYD            PONDE.H1 38&33  43       .23226       57.68       14.576      1.17670   1.500    .388
COMPUTE NM HYD     BASIN.H2   -    34       .00836       19.16       1.018       2.28220   1.500    3.582 PER IMP=  90.00
ADD HYD            P.H2 32&34  44          .01681       29.25       1.345       1.50001   1.500    2.718
ADD HYD            PH2.H1 44&43  45        .24907       86.93       15.921      1.19852   1.500    .545
COMPUTE NM HYD     BASIN.H3   -    35       .01191       23.79       1.128       1.77627   1.500    3.121 PER IMP=  60.00
ADD HYD            PH1H3 45&35  46         .26098       110.72      17.049      1.22489   1.500    .663
DIVIDE HYD         BYPASS.H   46   47       .21051       21.60       13.752      1.22489   1.300    .160
                   SURGE.H and   48          .05047       89.12       3.297       1.22489   1.500    2.759
ROUTE RESERVOIR    POND.H     48   30       .05047       5.20        3.297       1.22489   2.300    .161 AC-FT=    2.871
ROUTE MCUNGE       RTE.PONDH  30   49       .05047       5.20        3.298       1.22499   2.400    .161 CCODE =      .2
ADD HYD        BYPASS.RTE.H 49&47  31       .26098       26.80       17.049      1.22490   2.400    .160
COMPUTE NM HYD     BASIN.K1   -    20       .02673       50.54       2.579       1.80886   1.500    2.954 PER IMP=  62.00
ADD HYD            PONDH.K1 31&20  32       .28771       73.46       19.628      1.27915   1.500    .399
ROUTE MCUNGE       RTE.K1     32   33       .28771       73.46       19.628      1.27915   1.500    .399 CCODE =      .0
COMPUTE NM HYD     BASIN.K2   -    21       .01486       29.39       1.537       1.93922   1.500    3.090 PER IMP=  70.00
ADD HYD            K1.K2 33&21  34         .30257       102.85      21.165      1.31157   1.500    .531
COMPUTE NM HYD     BASIN.K3   -    22       .00648       14.72       .783        2.26512   1.500    3.550 PER IMP=  90.00
ADD HYD            PONDG.K3 79&22  24       .61872       32.82       43.788      1.32697   1.500    .083
COMPUTE NM HYD     BASIN.K4   -    23       .01340       18.28       .527        .73726    1.500    2.132 PER IMP=    .00
ADD HYD            K3.K4 24&23  25         .63212       51.10       44.315      1.31447   1.500    .126
COMPUTE NM HYD     BASIN.J1   -    81       .00517       11.04       .557        2.02069   1.500    3.336 PER IMP=  75.00
COMPUTE NM HYD     BASIN.J2   -    82       .01706       36.40       1.839       2.02069   1.500    3.334 PER IMP=  75.00
COMPUTE NM HYD     BASIN.J3   -    83       .00580       11.70       .560        1.80886   1.500    3.151 PER IMP=  62.00
COMPUTE NM HYD     BASIN.J4   -    84       .01006       21.47       1.084       2.02069   1.500    3.335 PER IMP=  75.00
COMPUTE NM HYD     BASIN.J5   -    85       .00134       3.05        .162        2.26513   1.500    3.561 PER IMP=  90.00
COMPUTE NM HYD     BASIN.J6   -    86       .00422       9.59        .510        2.26512   1.500    3.551 PER IMP=  90.00
COMPUTE NM HYD     BASIN.J7   -    87       .00444       10.09       .536        2.26512   1.500    3.551 PER IMP=  90.00
COMPUTE NM HYD     BASIN.J8   -    88       .00903       12.31       .355        .73726    1.500    2.130 PER IMP=    .00
```

♀

COMMAND	HYDROGRAPH IDENTIFICATION	ID NO.	AREA NO.	AREA (SQ MI)	DISCHARGE (CFS)	VOLUME (AC-FT)	RUNOFF (INCHES)	PEAK (HOURS)	PER ACRE	NOTATION
COMPUTE NM HYD	BASIN.J9 -	89		.00548	12.20	.638	2.18365	1.500	3.479	PER IMP= 85.00
COMPUTE NM HYD	BASIN.J12 -	12		.01419	10.65	.314	.41534	1.500	1.173	PER IMP= .00
ADD HYD	J10J11.J6 86&10	11		.01783	38.60	2.144	2.25428	1.500	3.383	
ADD HYD	J10J11J6.J9 11&89	95		.02331	50.80	2.782	2.23766	1.500	3.405	
ADD HYD	J10J11J6J9.J 85&95	90		.02465	53.86	2.944	2.23914	1.500	3.414	
ROUTE MCUNGE	RTE.J5J6	90	91	.02465	53.86	2.944	2.23914	1.500	3.414	CCODE = .0
ADD HYD	J1.J4 81&84	93		.01523	32.51	1.641	2.02065	1.500	3.335	
ADD HYD	J1J4.J5J6J9 91&93	94		.03988	86.37	4.585	2.15570	1.500	3.384	
ROUTE MCUNGE	RTE.J14569	94	92	.03988	86.37	4.585	2.15570	1.500	3.384	CCODE = .0
ADD HYD	J2.J3 82&83	95		.02286	48.10	2.398	1.96692	1.500	3.288	
ADD HYD	J2J3.J7 95&87	94		.02730	58.19	2.934	2.01541	1.500	3.330	
ADD HYD	J145679.J237 94&92	96		.06718	144.56	7.519	2.09869	1.500	3.362	
ADD HYD	J1J7.J8 96&88	97		.07621	156.87	7.875	1.93737	1.500	3.216	
ADD HYD	J1J8.J12 97&12	98		.09040	167.52	8.189	1.69846	1.500	2.895	
DIVIDE HYD	BYPASSJ	98	83	.04558	26.34	4.129	1.69846	1.300	.903	
	SURGEJ and	84		.04482	141.18	4.060	1.69846	1.500	4.922	
ROUTE RESERVOIR	POND.J	84	90	.04482	6.05	4.059	1.69831	2.100	.211	AC-FT= 3.771
ADD HYD	BYPASS.SURGE 90&83	97		.09040	32.39	8.188	1.69835	2.000	.560	
ROUTE MCUNGE	RTE.J5J6	97	91	.09040	32.34	8.180	1.69667	2.100	.559	CCODE = .1
COMPUTE NM HYD	BASIN.K5 -	30		.02364	47.63	2.281	1.80886	1.500	3.148	PER IMP= 62.00
COMPUTE NM HYD	BASIN.K6 -	31		.00220	5.01	.266	2.26512	1.500	3.555	PER IMP= 90.00
ADD HYD	K5.K6 30&31	41		.02584	52.64	2.546	1.84768	1.500	3.183	
ADD HYD	K5K6.PONDJ 41&91	43		.11624	80.50	10.726	1.73022	1.500	1.082	
ADD HYD	K5K6PONDJ.K3 43&25	44		.74836	131.59	55.041	1.37905	1.500	.275	
ADD HYD	PONDJK13.K1K 34&44	96		1.05093	234.44	76.206	1.35962	1.500	.349	
DIVIDE HYD	BYPASS.K	96	97	.89077	44.91	64.593	1.35962	1.300	.079	
	SURGE.K and	98		.16016	189.53	11.613	1.35962	1.500	1.849	
ROUTE RESERVOIR	POND.K	98	70	.16016	15.58	11.613	1.35961	2.900	.152	AC-FT= 8.203
ADD HYD	BYPASS.ROUTE 70&97	99		1.05093	60.49	76.206	1.35961	2.900	.090	
ROUTE MCUNGE	RTE.PONDK	99	1	1.05093	60.30	75.970	1.35542	3.400	.090	CCODE = .2
COMPUTE NM HYD	UNIVROWNORTH -	2		.00727	16.51	.878	2.26512	1.500	3.550	PER IMP= 90.00
ADD HYD	UNIVN.PONDK 1& 2	3		1.05820	60.46	76.848	1.36166	3.400	.089	
ROUTE MCUNGE	RTE.UNIVN	3	4	1.05820	60.30	76.745	1.35983	3.900	.089	CCODE = .2
COMPUTE NM HYD	UNIVROWSOUTH -	5		.00727	16.51	.878	2.26512	1.500	3.550	PER IMP= 90.00
ADD HYD	UNIVNS.PONDK 4& 5	6		1.06546	60.44	77.623	1.36600	3.900	.089	

*S**********

*S******END OF TRAILS DRAINAGE ANALYSIS

FINISH