O.S. 355

TRAVERSE COMPUTATION — MACHINE METHOD

Name of Traverse U Traverse *Computer* ..... *Date* .....

Total Length ..... *Error* .....

BEARINGS

1

2

3

4 Not used

Station	Bearing	Corr.	Corrected Bearing	Distance	Cos. V.A.	Sine	Cosine	E. 593.7	N. 131.3
N20		-1030				−	+		
(N21)	326	3	15 30	21.45		70091	71325	578.7	146.6
						−	+		
U1	06	3	55 30	4.72		07846	99692	578.3	151.3
					3.24	+	+		
U2	40	2	9 30	3.37	~~3.44~~	49242	87036	580.0	154.2
						−	+	573.7	164.0
(N24)	341 30	3	31 00	11.60	11.16	48481	87462	574.3	164.4
						−	+		
U4	282 30	2	72 00	7.42		99939	03490	566.9	164.6
						−	+		
U5	352 00	3	41 30	3.78		31730	94832	565.1	168.2
						+	+		
U6	15 00	0	43 0	2.98		07846	99692	565.9	171.2
				5.58		−	+		
U7	334 00	3	23 30	~~5.29~~		59482	80386	562.6 ~~564.19~~	175.7 ~~173.5~~
						−	+		
U8	351 00	3	40 30	12.24		33381	94264	558.5 ~~559.9~~	187.2 ~~185.4~~
49						+	+	559.2	190.5
(N30)	28 00		17 30	3.84		30071	95372	559.6 ~~561.1~~	190.9 ~~189.0~~
						−	+		
U10	00 30	3	50 00	16.43		17365	98481	556.8 ~~555.2~~	207.1 ~~205.3~~

O.S. 355

TRAVERSE COMPUTATION — MACHINE METHOD

Name of Traverse U Traverse *Computer* *Date*

Total Length *Error*

BEARINGS

1

2

3

4 VAS.

Station	~~Bearing~~ Va	Corr.	Corrected Bearing	~~Distance~~ ft	~~Cos.~~ V.A. M	Sine	Cosine	E.	N.
N20								652.4	
N21	+ 10 30			71.6	21.82	+ 18224	98325	665.4	21.45
U1	-- 02 30			15.5	4.72	− 04362	99905	664.8	4.72
U2	+05			11.1	3.38	+ 08716	99619	665.7	3.37
N24 U3	+20			40.5	12.34	+ 34202	93969	679.6	11.60
U4	+06 30			24.5	7.47	+ 11320	99357	682.3	7.42
U5	0			12.4	3.78	0			3.78
U6	+15			10.1	3.08	+ 25882	96593	684.9	2.98
U7	+15 30			19.1 ~~11.2~~	5.79 ~~3.41~~	+ 26724	96363	690.0	5.58 ~~3.29~~
U8	+22			43.3	13.20	+ 37461	92718	706.3	12.24
N30 U9	+34			15.2	4.63	+ 55919	82904	714.8	3.84
U10	+37			67.5	20.57	+ 60182	79864	708.1 / 6.7	16.43

	E	N	H				
N20		-4	5.4				
N21					21.5	1.9	
U1	8.3	1.3	4.8		4.7		
U2 N23	0 0	4.2	5.7	+1.5	3.4		0.9
U3 N24	4.3	4.4	9.6	+1.8	11.6	3.6	2.3
U4	6.9	4.6	2.3	+~~1.5~~	7.4	4.2	3.2
U5	5.7	8.2	2.3		3.8	4.6	3.7
U6 (27)	5.9	1.2	4.9	+4.6	3.0	4.8	4.1
U7	2.6	5.7	0.0		5.6	5.3	4.7
U8 N29	8.5	7.2	6.3	+5.7	12.2	6.4	6.2
~~U9~~ N30	9.6	0.9	14.8	+6.7	3.8	6.7	6.7
			~~77.0~~	6.2	77.0		
			~~10.2~~		26.2		.12
			~~66.8~~		50.8		

Weights in U + .122 per metre length.