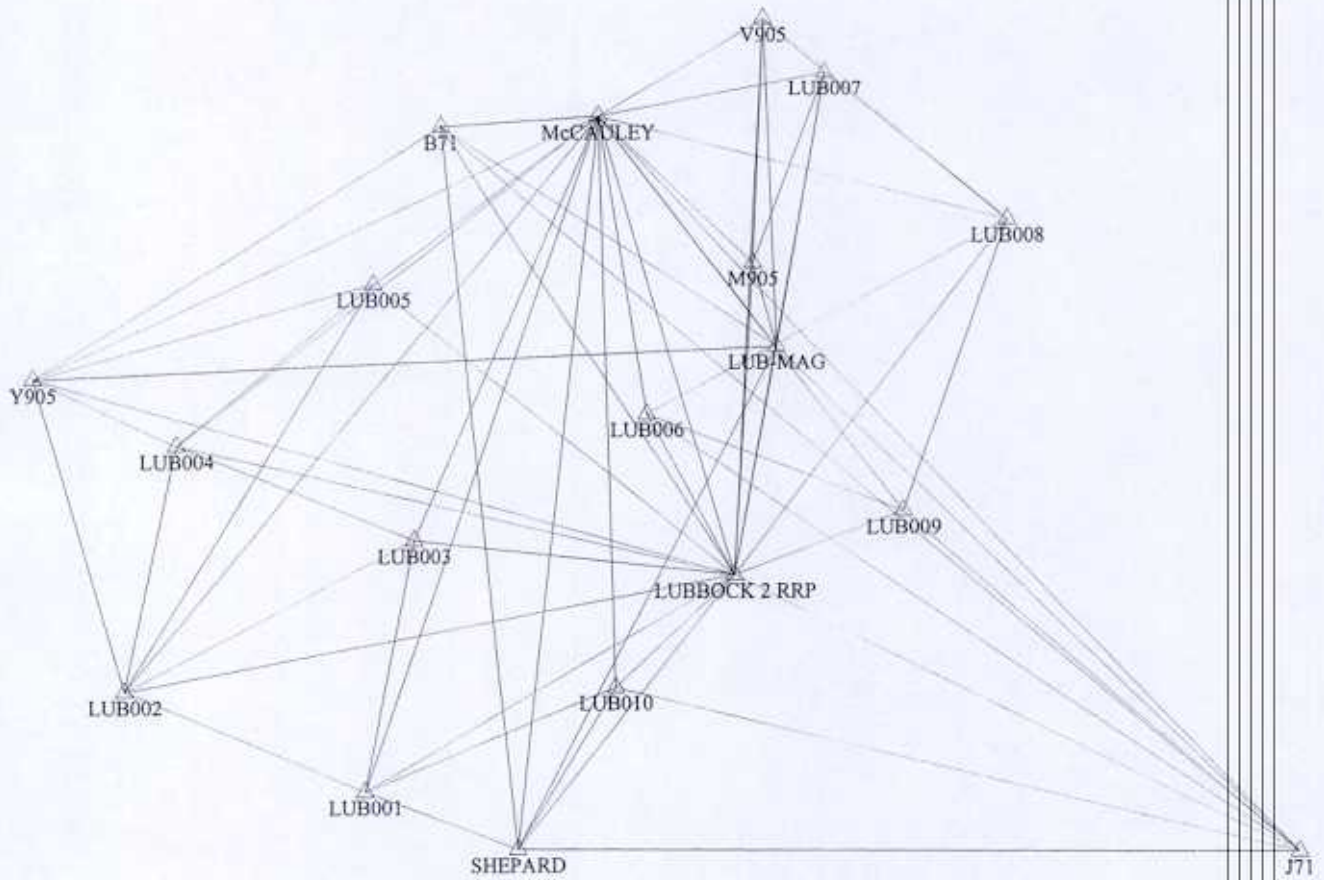


# Network Map: LUBBOCK





Slope (m): 12606.031 33°28'29.05202" N 62100195.DAT  
Total (m): 65904.949 101°41'45.68778" W 46380194.DAT  
938.3291 m

To: SHEPARD Iono free fixed 1/19/00 23:52:00 00000905.SSF  
Slope (m): 18925.423 33°28'33.75486" N 62100206.DAT  
Total (m): 84830.371 101°53'58.55645" W 46380195.DAT  
969.9400 m

Closed

Precision (ppm): 0.1693  
Errors (m) N: -0.0135 E: -0.0042 U: -0.0028

\*\*\*\*\*

New Closure

From: LUB010

To: LUB001 Iono free fixed 1/20/00 17:32:30 00001113.SSF  
Slope (m): 6604.520 33°29'18.93779" N 78540208.DAT  
Total (m): 6604.520 101°56'23.19962" W 46380202.DAT  
977.9203 m

To: LUB002 Iono free fixed 1/20/00 18:26:00 00001185.SSF  
Slope (m): 6314.805 33°30'37.76764" N 46380203.DAT  
Total (m): 12919.325 102°00' 8.98777" W 62100209.DAT  
981.3688 m

To: LUB004 Iono free fixed 1/20/00 19:31:45 00001173.SSF  
Slope (m): 6009.122 33°33'48.58332" N 6210020A.DAT  
Total (m): 18928.446 101°59'20.94314" W 46380204.DAT  
983.9243 m

To: LUB005 Iono free fixed 1/20/00 21:21:45 00001157.SSF  
Slope (m): 6139.936 33°35'54.64275" N 7854020C.DAT  
Total (m): 25068.383 101°56'16.58256" W 6210020C.DAT  
973.6222 m

To: LUBBOCK 2 RRP Iono free fixed 1/20/00 21:06:15 00001061.SSF  
Slope (m): 11270.117 33°32' 7.49160" N LBK200~4.DAT  
Total (m): 36338.499 101°50'34.16197" W 7854020C.DAT  
956.0048 m

To: LUB010 L1 fixed 1/20/00 16:58:30 00001109.SSF  
Slope (m): 3954.922 33°30'40.14405" N LBK200~4.DAT  
Total (m): 40293.422 101°52'26.44023" W 78540208.DAT  
961.5823 m

Closed

Precision (ppm): 0.5185

Errors (m) N: 0.0153 E: 0.0034 U: 0.0138

\*\*\*\*\*

New Closure

From: LUB010

To: LUB001	Iono free fixed	1/20/00 17:32:30	00001113.SSF	
	Slope (m):	6604.520	33°29'18.93779" N	78540208.DAT
	Total (m):	6604.520	101°56'23.19962" W	46380202.DAT
			977.9203 m	
To: LUB002	Iono free fixed	1/20/00 18:26:00	00001185.SSF	
	Slope (m):	6314.805	33°30'37.76764" N	46380203.DAT
	Total (m):	12919.325	102°00' 8.98777" W	62100209.DAT
			981.3688 m	
To: LUB004	Iono free fixed	1/20/00 19:31:45	00001173.SSF	
	Slope (m):	6009.122	33°33'48.58332" N	6210020A.DAT
	Total (m):	18928.446	101°59'20.94314" W	46380204.DAT
			983.9243 m	
To: LUB005	Iono free fixed	1/20/00 21:21:45	00001157.SSF	
	Slope (m):	6139.936	33°35'54.64275" N	7854020C.DAT
	Total (m):	25068.383	101°56'16.58256" W	6210020C.DAT
			973.6222 m	
To: LUBBOCK 2 RRP	Iono free fixed	1/20/00 21:06:15	00001061.SSF	
	Slope (m):	11270.117	33°32' 7.49160" N	LBK200~4.DAT
	Total (m):	36338.499	101°50'34.16197" W	7854020C.DAT
			956.0048 m	
To: LUB010	L1 fixed	1/20/00 16:58:30	00001109.SSF	
	Slope (m):	3954.922	33°30'40.14405" N	LBK200~4.DAT
	Total (m):	40293.422	101°52'26.44023" W	78540208.DAT
			961.5823 m	

Closed

Precision (ppm): 0.5185

Errors (m) N: 0.0153 E: 0.0034 U: 0.0138

\*\*\*\*\*

New Closure

From: LUB009

To: LUBBOCK 2 RRP	L1 fixed	1/19/00 22:00:15	00000805.SSF	
	Slope (m):	4378.091	33°32' 7.49110" N	LBK200~2.DAT
	Total (m):	4378.091	101°50'34.16210" W	62100194.DAT
			955.9910 m	



To: LUB010	L1 fixed	1/20/00 16:58:30	00001109.SSF
Slope (m):	3954.922	33°30'40.14355" N	LBK200~4.DAT
Total (m):	8333.013	101°52'26.44036" W	78540208.DAT
		961.5685 m	
To: LUB001	Iono free fixed	1/20/00 17:32:30	00001113.SSF
Slope (m):	6604.520	33°29'18.93779" N	78540208.DAT
Total (m):	14937.533	101°56'23.19962" W	46380202.DAT
		977.9203 m	
To: LUB003	Iono free fixed	1/20/00 18:34:45	00001181.SSF
Slope (m):	6155.894	33°32'35.00044" N	46380203.DAT
Total (m):	21093.427	101°55'37.43355" W	78540209.DAT
		972.1939 m	
To: LUB004	Iono free fixed	1/20/00 19:31:45	00001165.SSF
Slope (m):	6196.300	33°33'48.58323" N	7854020A.DAT
Total (m):	27289.727	101°59'20.94302" W	46380204.DAT
		983.9069 m	
To: LUB005	Iono free fixed	1/20/00 21:21:45	00001157.SSF
Slope (m):	6139.936	33°35'54.64267" N	7854020C.DAT
Total (m):	33429.663	101°56'16.58244" W	6210020C.DAT
		973.6048 m	
To: McCAULEY	Iono free fixed	1/20/00 21:06:15	00000965.SSF
Slope (m):	6801.682	33°38' 4.27504" N	77980202.DAT
Total (m):	40231.345	101°52'43.04945" W	7854020C.DAT
		973.0175 m	
To: LUB007	Iono free fixed	1/19/00 21:06:00	00000733.SSF
Slope (m):	5624.524	33°38'38.67363" N	77980001.DAT
Total (m):	45855.869	101°49' 8.73769" W	46380192.DAT
		970.9493 m	
To: LUB008	Iono free fixed	1/19/00 19:23:45	00000845.SSF
Slope (m):	5648.713	33°36'44.45616" N	62100001.DAT
Total (m):	51504.583	101°46'17.34161" W	78540001.DAT
		952.0059 m	
To: LUB009	Iono free fixed	1/19/00 21:57:30	00000873.SSF
Slope (m):	7455.461	33°32'56.73581" N	62100194.DAT
Total (m):	58960.044	101°47'55.00637" W	46380193.DAT
		944.1862 m	

Closed

Precision (ppm): 0.6208  
 Errors (m) N: 0.0147 E: 0.0124 U: -0.0312

\*\*\*\*\*:  
 New Closure

From: J71

To: SHEPARD Iono free fixed 1/19/00 23:52:00 00000905.SSF  
Slope (m): 18925.423 33°28'33.75448" N 62100206.DAT  
Total (m): 18925.423 101°53'58.55561" W 46380195.DAT  
969.9670 m

To: B71 Iono free fixed 1/20/00 23:45:45 00001153.SSF  
Slope (m): 17453.234 33°37'56.71763" N 6210020E.DAT  
Total (m): 36378.657 101°55'12.98507" W 7854020E.DAT  
967.4543 m

To: McCAULEY L1 fixed 1/20/00 23:28:00 00000941.SSF  
Slope (m): 3871.766 33°38' 4.27419" N 77980202.DAT  
Total (m): 40250.423 101°52'43.04922" W 6210020E.DAT  
973.0253 m

To: LUB-MAG Iono free fixed 1/19/00 20:57:30 00000737.SSF  
Slope (m): 7020.804 33°35' 5.56431" N 77980001.DAT  
Total (m): 47271.227 101°49'54.14086" W 78540003.DAT  
953.1470 m

To: J71 Iono free fixed 1/21/00 01:00:00 00001209.SSF  
Slope (m): 17555.076 33°28'29.05063" N 46380211.DAT  
Total (m): 64826.303 101°41'45.68667" W 6210021F.DAT  
938.3823 m

Closed

Precision (ppm): 0.6352  
Errors (m) N: -0.0310 E: 0.0071 U: 0.0261

\*\*\*\*\*

New Closure

J71

To: SHEPARD Iono free fixed 1/19/00 23:52:00 00000905.SSF  
Slope (m): 18925.423 33°28'33.75448" N 62100206.DAT  
Total (m): 18925.423 101°53'58.55561" W 46380195.DAT  
969.9670 m

To: B71 Iono free fixed 1/20/00 23:45:45 00001153.SSF  
Slope (m): 17453.234 33°37'56.71763" N 6210020E.DAT  
Total (m): 36378.657 101°55'12.98507" W 7854020E.DAT  
967.4543 m

To: McCAULEY L1 fixed 1/20/00 23:28:00 00000941.SSF  
Slope (m): 3871.766 33°38' 4.27419" N 77980202.DAT  
Total (m): 40250.423 101°52'43.04922" W 6210020E.DAT  
973.0253 m

To: V905  
 Slope (m): L1 fixed 1/19/00 20:03:45 00000753.SSF  
 4652.352 33°39'20.51708" N 77980001.DAT  
 Total (m): 44902.775 101°50' 7.24213" W 46380191.DAT  
 966.6817 m

To: M905  
 Slope (m): Iono free fixed 1/19/00 20:13:45 00000865.SSF  
 5844.440 33°36'11.02208" N 46380191.DAT  
 Total (m): 50747.215 101°50'16.80766" W 62100002.DAT  
 947.3114 m

To: LUB-MAG  
 Slope (m): L1 fixed 1/19/00 20:57:30 00000881.SSF  
 2100.040 33°35' 5.56410" N 62100003.DAT  
 Total (m): 52847.255 101°49'54.14111" W 78540003.DAT  
 953.1615 m

To: J71  
 Slope (m): Iono free fixed 1/21/00 01:00:00 00001209.SSF  
 17555.076 33°28'29.05042" N 46380211.DAT  
 Total (m): 70402.331 101°41'45.68692" W 6210021F.DAT  
 938.3968 m

Closed

Precision (ppm): 0.7844  
 Errors (m) N: -0.0374 E: 0.0006 U: 0.0406

\*\*\*\*\*

New Closure

From:

To: B71  
 Slope (m): Iono free fixed 1/20/00 22:01:15 00001125.SSF  
 11568.384 33°37'56.71782" N 6210020D.DAT  
 Total (m): 11568.384 101°55'12.98541" W 46380207.DAT  
 967.4536 m

To: McCAULEY  
 Slope (m): L1 fixed 1/20/00 23:28:00 00000941.SSF  
 3871.766 33°38' 4.27438" N 77980202.DAT  
 Total (m): 15440.151 101°52'43.04956" W 6210020E.DAT  
 973.0246 m

To: V905  
 Slope (m): L1 fixed 1/19/00 20:03:45 00000753.SSF  
 4652.352 33°39'20.51727" N 77980001.DAT  
 Total (m): 20092.503 101°50' 7.24247" W 46380191.DAT  
 966.6810 m

To: M905  
 Slope (m): Iono free fixed 1/19/00 20:13:45 00000865.SSF  
 5844.440 33°36'11.02227" N 46380191.DAT  
 Total (m): 25936.943 101°50'16.80800" W 62100002.DAT  
 947.3107 m

To: LUBBOCK 2 RRP  
 Iono free fixed 1/19/00 20:57:15 00000821.SSF

Slope (m): 7517.590 33°32' 7.49051" N LBK200~2.DAT  
Total (m): 33454.533 101°50'34.16252" W 62100003.DAT  
956.0074 m

To: Y905 Iono free fixed 1/20/00 22:01:15 00001049.SSF  
Slope (m): 17709.998 33°34'40.84664" N LBK200~4.DAT  
Total (m): 51164.531 102°01'35.73590" W 46380207.DAT  
991.2874 m

Closed

Precision (ppm): 0.3369  
Errors (m) N: -0.0126 E: -0.0024 U: 0.0115

\*\*\*\*\*  
New Closure

From: J71

To: SHEPARD Iono free fixed 1/19/00 23:52:00 00000905.SSF  
Slope (m): 18925.423 33°28'33.75448" N 62100206.DAT  
Total (m): 18925.423 101°53'58.55561" W 46380195.DAT  
969.9670 m

To: McCAULEY Iono free fixed 1/20/00 16:59:15 00001013.SSF  
Slope (m): 17687.750 33°38' 4.27469" N 77980202.DAT  
Total (m): 36613.173 101°52'43.04925" W 62100208.DAT  
973.0255 m

To: J71 Iono free fixed 1/19/00 23:52:00 00000705.SSF  
Slope (m): 24531.707 33°28'29.05142" N 77980001.DAT  
Total (m): 61144.880 101°41'45.68664" W 46380195.DAT  
938.3516 m

Closed

Precision (ppm): 0.1818  
Errors (m) N: -0.0065 E: 0.0078 U: -0.0046

\*\*\*\*\*  
New Closure

From: J71

To: SHEPARD Iono free fixed 1/19/00 23:52:00 00000905.SSF  
Slope (m): 18925.423 33°28'33.75448" N 62100206.DAT  
Total (m): 18925.423 101°53'58.55561" W 46380195.DAT  
969.9670 m

To: McCAULEY Iono free fixed 1/20/00 16:59:15 00001013.SSF  
Slope (m): 17687.750 33°38' 4.27469" N 77980202.DAT  
Total (m): 36613.173 101°52'43.04925" W 62100208.DAT





973.0255 m

To: LUB-MAG		Iono free fixed	1/19/00 20:57:30	00000737.SSF
	Slope (m):	7020.804	33°35' 5.56481" N	77980001.DAT
	Total (m):	43633.977	101°49'54.14088" W	78540003.DAT
			953.1472 m	

To: J71		Iono free fixed	1/21/00 01:00:00	00001209.SSF
	Slope (m):	17555.076	33°28'29.05113" N	46380211.DAT
	Total (m):	61189.053	101°41'45.68669" W	6210021F.DAT
			938.3825 m	

Closed

Precision (ppm): 0.5112  
 Errors (m) N: -0.0157 E: 0.0065 U:

\*\*\*\*\*

New Closure

From: LUB006

To: LUB008		Iono free fixed	1/19/00 21:57:30	00000893.SSF
	Slope (m):	9935.820	33°36'44.45562" N	78540194.DAT
	Total (m):	9935.820	101°46'17.34201" W	46380193.DAT
			952.0397 m	

To: LUB009		Iono free fixed	1/19/00 21:57:30	00000873.SSF
	Slope (m):	7455.461	33°32'56.73527" N	62100194.DAT
	Total (m):	17391.281	101°47'55.00677" W	46380193.DAT
			944.2199 m	

To: LUBBOCK 2 RRP		L1 fixed	1/19/00 22:00:15	00000805.SSF
	Slope (m):	4378.091	33°32' 7.49104" N	LBK200~2.DAT
	Total (m):	21769.372	101°50'34.16202" W	62100194.DAT
			955.9936 m	

To: LUB006		L1 fixed	1/19/00 22:06:15	00000801.SSF
	Slope (m):	4413.068	33°34'12.66899" N	LBK200~2.DAT
	Total (m):	26182.439	101°51'57.26291" W	78540194.DAT
			957.0082 m	

Closed

Precision (ppm): 0.8131  
 Errors (m) N: -0.0053 E: 0.0202 U:



Project: LUBBOCK

Processed: Monday, February 07, 2000 17:32 WAVE 2.30

Page

	From Station	To Station	Solution Type	Slope Distance (meters)	Ratio	Reference Variance	From Ant. Ht. (meas. meters)	To Ant. Ht. (meas. meters)
1	LUBBOCK 2 RRP	V905	Iono free fixed	13361.507	12.0	1.298	6.000	1.712
2	LUBBOCK 2 RRP	McCAULEY	Iono free fixed	11485.601	22.8	1.528	6.000	1.534
3	McCAULEY	SHEPARD	Iono free fixed	17687.753	85.6	0.284	1.534	1.317
4	McCAULEY	LUB010	Iono free fixed	13692.323	85.7	0.302	1.534	1.620
5	McCAULEY	J71	Iono free fixed	24531.707	13.8	1.805	1.534	1.411
6	McCAULEY	J71	Iono free fixed	24531.712	48.6	0.916	1.534	1.328
7	McCAULEY	LUB006	Iono free fixed	7233.810	37.7	0.539	1.534	1.470
8	McCAULEY	LUB009	Iono free fixed	12040.986	50.0	0.428	1.534	1.427
9	McCAULEY	LUB006	Iono free fixed	7233.817	12.9	0.601	1.534	1.657
10	McCAULEY	LUB009	Iono free fixed	12040.987	36.4	0.449	1.534	1.600
11	McCAULEY	LUB008	Iono free fixed	10242.886	31.9	0.581	1.534	1.666
12	McCAULEY	LUB007	Iono free fixed	5624.524	11.9	0.618	1.534	1.625
13	McCAULEY	LUB-MAG	Iono free fixed	7020.804	68.5	0.444	1.534	1.460
14	McCAULEY	M905	Iono free fixed	5137.469	94.2	0.459	1.534	1.629
15	McCAULEY	LUB-MAG	Iono free fixed	7020.806	27.5	0.266	1.534	1.610
16	McCAULEY	M905	Iono free fixed	5137.469	31.8	0.499	1.534	1.479
17	McCAULEY	V905	L1 fixed	4652.352	18.6	1.967	1.534	1.534
18	McCAULEY	LUB008	Iono free fixed	10242.883	71.3	0.525	1.534	1.614
19	McCAULEY	LUB007	Iono free fixed	5624.528	44.3	0.378	1.534	1.404
20	McCAULEY	LUBBOCK 2 RRP	Iono free fixed	11485.606	27.3	1.286	1.534	6.000
21	McCAULEY	V905	L1 fixed	4652.356	7.7	2.713	1.534	1.712
22	V905	LUB008	Iono free fixed	7631.684	10.7	0.440	1.712	1.614
23	V905	LUB007	L1 fixed	1983.896	32.6	1.314	1.712	1.404
24	V905	LUBBOCK 2 RRP	Iono free fixed	13361.513	7.0	1.611	1.712	6.000
25	LUBBOCK 2 RRP	J71	Iono free fixed	15212.308	9.0	3.263	6.000	1.411
26	LUBBOCK 2 RRP	J71	Iono free fixed	15212.304	14.4	1.805	6.000	1.328
27	LUBBOCK 2 RRP	LUB006	L1 fixed	4413.071	36.4	2.266	6.000	1.470
28	LUBBOCK 2 RRP	LUB009	L1 fixed	4378.098	25.7	4.089	6.000	1.427
29	LUBBOCK 2 RRP	LUB006	L1 fixed	4413.068	57.3	2.547	6.000	1.657
30	LUBBOCK 2 RRP	LUB009	L1 fixed	4378.091	17.9	3.008	6.000	1.600
31	LUBBOCK 2 RRP	LUB008	Iono free fixed	10803.660	15.4	1.872	6.000	1.666
32	LUBBOCK 2 RRP	LUB007	Iono free fixed	12253.711	12.6	1.838	6.000	1.625

	From Station	To Station	Solution Type	Slope Distance (meters)	Ratio	Reference Variance	From Ant. Ht. (meas. meters)	To Ant. Ht. (meas. meters)
33	LUBBOCK 2 RRP	LUB-MAG	Iono free fixed	5583.490	165.0	2.115	6.000	1.460
34	LUBBOCK 2 RRP	M905	Iono free fixed	7517.590	7.1	1.924	6.000	1.629
35	LUBBOCK 2 RRP	LUB-MAG	Iono free fixed	5583.481	29.7	1.061	6.000	1.610
36	LUBBOCK 2 RRP	M905	Iono free fixed	7517.589	20.2	1.216	6.000	1.479
37	LUBBOCK 2 RRP	V905	Iono free fixed	13361.513	41.7	1.348	6.000	1.534
38	LUBBOCK 2 RRP	LUB008	Iono free fixed	10803.665	25.7	2.178	6.000	1.614
39	LUBBOCK 2 RRP	LUB007	Iono free fixed	12253.705	28.8	1.665	6.000	1.404
40	LUB007	LUB008	Iono free fixed	5648.713	11.0	0.461	1.404	1.614
41	LUB009	J71	Iono free fixed	12606.031	22.6	1.117	1.427	1.328
42	LUB009	LUB006	Iono free fixed	6673.397	19.8	0.764	1.427	1.470
43	LUB006	J71	Iono free fixed	19006.592	19.0	1.384	1.470	1.328
44	V905	LUB-MAG	Iono free fixed	7863.527	18.6	0.417	1.534	1.610
45	V905	M905	Iono free fixed	5844.440	26.1	0.616	1.534	1.479
46	LUB009	LUB006	Iono free fixed	6673.388	22.5	0.499	1.600	1.657
47	LUB009	LUB008	Iono free fixed	7455.461	19.9	0.515	1.600	1.666
48	M905	LUB007	L1 fixed	4876.489	155.2	4.834	1.629	1.625
49	M905	LUB-MAG	L1 fixed	2100.040	16.4	1.490	1.629	1.460
50	LUB-MAG	LUB007	Iono free fixed	6670.371	82.3	0.592	1.460	1.625
51	M905	LUB-MAG	L1 fixed	2100.042	100.2	1.135	1.479	1.610
52	LUB006	LUB008	Iono free fixed	9935.820	11.7	0.730	1.657	1.666
53	LUB010	SHEPARD	L1 fixed	4563.236	28.4	1.168	1.620	1.317
54	LUB010	J71	Iono free fixed	17028.863	11.4	2.172	1.620	1.411
55	SHEPARD	J71	Iono free fixed	18925.423	12.7	1.690	1.317	1.411
56	LUBBOCK 2 RRP	LUB001	Iono free fixed	10399.321	47.2	0.951	6.000	1.656
57	LUBBOCK 2 RRP	SHEPARD	Iono free fixed	8438.899	35.6	1.527	6.000	1.447
58	LUBBOCK 2 RRP	LUB010	L1 fixed	3954.926	80.8	1.786	6.000	1.484
59	LUBBOCK 2 RRP	J71	Iono free fixed	15212.311	14.9	2.207	6.000	1.345
60	LUBBOCK 2 RRP	LUB010	L1 fixed	3954.928	15.4	1.929	6.000	1.627
61	LUBBOCK 2 RRP	SHEPARD	Iono free fixed	8438.894	10.4	1.272	6.000	1.256
62	LUBBOCK 2 RRP	McCAULEY	Iono free fixed	11485.603	28.5	1.199	6.000	1.482
63	McCAULEY	SHEPARD	Iono free fixed	17687.739	44.7	0.616	1.482	1.449
64	McCAULEY	B71	L1 fixed	3871.766	41.9	1.489	1.482	1.529

	From Station	To Station	Solution Type	Slope Distance (meters)	Ratio	Reference Variance	From Ant. Ht. (meas. meters)	To Ant. Ht. (meas. meters)
65	McCAULEY	LUB-MAG	Iono free fixed	7020.807	140.2	0.322	1.482	1.621
66	McCAULEY	B71	L1 fixed	3871.763	28.6	1.711	1.482	1.536
67	McCAULEY	Y905	Iono free fixed	15097.737	69.1	0.772	1.482	1.624
68	McCAULEY	LUB004	Iono free fixed	12936.426	67.4	0.520	1.482	1.566
69	McCAULEY	Y905	Iono free fixed	15097.753	13.2	1.397	1.482	1.440
70	McCAULEY	LUB005	Iono free fixed	6801.682	14.3	0.545	1.482	1.438
71	McCAULEY	LUB005	Iono free fixed	6801.680	18.0	0.355	1.482	1.631
72	McCAULEY	Y905	Iono free fixed	15097.747	14.1	1.347	1.482	1.540
73	McCAULEY	LUB002	Iono free fixed	17933.664	62.6	0.437	1.482	1.595
74	McCAULEY	LUB004	Iono free fixed	12936.431	72.4	0.625	1.482	1.665
75	McCAULEY	LUB002	Iono free fixed	17933.666	22.4	0.655	1.482	1.489
76	McCAULEY	LUB003	Iono free fixed	11098.422	48.5	0.453	1.482	1.422
77	McCAULEY	LUB003	Iono free fixed	11098.425	70.4	0.210	1.482	1.596
78	McCAULEY	LUB002	Iono free fixed	17933.669	62.1	0.329	1.482	1.649
79	McCAULEY	LUB001	Iono free fixed	17155.259	44.9	0.518	1.482	1.541
80	McCAULEY	LUBBOCK 2 RRP	Iono free fixed	11485.604	20.1	1.574	1.482	6.000
81	McCAULEY	LUB001	Iono free fixed	17155.259	28.0	0.299	1.482	1.656
82	McCAULEY	SHEPARD	Iono free fixed	17687.750	12.9	0.323	1.482	1.447
83	McCAULEY	LUB010	Iono free fixed	13692.320	18.1	0.227	1.482	1.484
84	McCAULEY	J71	Iono free fixed	24531.720	38.7	0.853	1.482	1.345
85	McCAULEY	LUB010	Iono free fixed	13692.320	88.2	0.365	1.482	1.627
86	McCAULEY	SHEPARD	Iono free fixed	17687.746	98.4	0.415	1.482	1.256
87	LUBBOCK 2 RRP	SHEPARD	Iono free fixed	8438.899	10.6	2.364	6.000	1.449
88	LUBBOCK 2 RRP	B71	Iono free fixed	12942.754	16.0	1.383	6.000	1.529
89	LUBBOCK 2 RRP	LUB-MAG	Iono free fixed	5583.488	55.9	1.622	6.000	1.621
90	LUBBOCK 2 RRP	B71	Iono free fixed	12942.752	14.4	1.543	6.000	1.536
91	LUBBOCK 2 RRP	Y905	Iono free fixed	17709.998	4.8	1.738	6.000	1.624
92	LUBBOCK 2 RRP	LUB004	Iono free fixed	13943.934	20.2	1.855	6.000	1.566
93	LUBBOCK 2 RRP	Y905	Iono free fixed	17710.015	8.7	3.276	6.000	1.440
94	LUBBOCK 2 RRP	LUB005	Iono free fixed	11270.117	11.8	2.146	6.000	1.438
95	LUBBOCK 2 RRP	LUB005	Iono free fixed	11270.118	15.7	1.474	6.000	1.631
96	LUBBOCK 2 RRP	Y905	Iono free fixed	17710.008	11.7	2.044	6.000	1.540

	From Station	To Station	Solution Type	Slope Distance (meters)	Ratio	Reference Variance	From Ant. Ht. (meas. meters)	To Ant. Ht. (meas. meters)
97	LUBBOCK 2 RRP	LUB002	Iono free fixed	15091.075	31.0	1.020	6.000	1.595
98	LUBBOCK 2 RRP	LUB004	Iono free fixed	13943.935	19.3	1.555	6.000	1.665
99	LUBBOCK 2 RRP	LUB002	Iono free fixed	15091.071	21.9	1.482	6.000	1.489
100	LUBBOCK 2 RRP	LUB003	Iono free fixed	7871.433	7.7	1.303	6.000	1.422
101	LUBBOCK 2 RRP	LUB003	Iono free fixed	7871.432	9.9	0.706	6.000	1.596
102	LUBBOCK 2 RRP	LUB002	Iono free fixed	15091.072	23.6	0.914	6.000	1.649
103	LUBBOCK 2 RRP	LUB001	Iono free fixed	10399.318	45.7	1.343	6.000	1.541
104	LUBBOCK 2 RRP	LUB001	Iono free fixed	10399.323	22.4	0.791	6.000	1.656
105	LUBBOCK 2 RRP	SHEPARD	Iono free fixed	8438.896	59.8	0.947	6.000	1.447
106	LUBBOCK 2 RRP	LUB010	L1 fixed	3954.922	19.8	0.765	6.000	1.484
107	LUB010	LUB001	Iono free fixed	6604.520	13.5	0.404	1.484	1.656
108	LUB010	SHEPARD	L1 fixed	4563.235	96.8	1.607	1.484	1.447
109	B71	LUB-MAG	Iono free fixed	9767.202	120.1	0.434	1.536	1.621
110	B71	Y905	Iono free fixed	11568.384	18.4	0.685	1.536	1.624
111	LUB010	J71	Iono free fixed	17028.882	53.6	0.837	1.627	1.345
112	LUB010	SHEPARD	L1 fixed	4563.234	14.0	0.971	1.627	1.256
113	SHEPARD	LUB001	L1 fixed	3985.921	20.5	2.094	1.447	1.656
114	SHEPARD	J71	Iono free fixed	18925.441	45.7	0.754	1.256	1.345
115	LUB-MAG	Y905	Iono free fixed	18111.261	18.6	0.714	1.621	1.624
116	B71	J71	Iono free fixed	27198.976	7.5	2.424	1.529	1.332
117	B71	SHEPARD	Iono free fixed	17453.234	62.9	0.490	1.529	1.449
118	LUB005	LUB004	Iono free fixed	6139.936	112.5	0.487	1.438	1.566
119	LUB005	Y905	Iono free fixed	8539.190	10.0	1.481	1.438	1.440
120	LUB003	LUB004	Iono free fixed	6196.300	247.9	0.423	1.422	1.665
121	LUB003	LUB002	Iono free fixed	7884.470	101.8	0.530	1.422	1.489
122	LUB002	LUB004	Iono free fixed	6009.122	11.1	0.459	1.489	1.665
123	Y905	LUB004	L1 fixed	3831.818	65.9	3.737	1.440	1.566
124	LUB001	LUB003	Iono free fixed	6155.894	10.9	0.510	1.541	1.596
125	LUB001	LUB002	Iono free fixed	6314.805	91.4	0.411	1.541	1.649
126	LUB002	LUB003	Iono free fixed	7884.469	11.6	0.302	1.649	1.596
127	LUB005	Y905	Iono free fixed	8539.182	17.0	0.717	1.631	1.540
128	LUB005	LUB002	Iono free fixed	11458.304	55.7	0.464	1.631	1.595



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	From Station	To Station	Solution Type	Slope Distance (meters)	Ratio	Reference Variance	From Ant. Ht. (meas. meters)	To Ant. Ht. (meas. meters)
129	Y905	LUB002	Iono free fixed	7817.619	13.6	1.356	.540	1.595
130	SHEPARD	J71	Iono free fixed	18925.426	12.7	2.672	.449	1.332
131	J71	LUB-MAG	Iono free fixed	17555.076	20.6	1.157	.283	1.538
132	J71	SHEPARD	Iono free fixed	18925.440	20.0	1.003	.283	1.277
133	SHEPARD	LUB-MAG	Iono free fixed	13621.635	52.3	0.648	.277	1.538