























Results

• Day vs. Night Observations analyzing Fixed Solution by Quantity using Single Base Solution

FIG 左

		Day		Nig	ght	
Distance	Analysis	GIS Quality	Survey Quality	GIS Quality	Survey Quality	
Less than 30 KM	Count	11.00	11.00	36% Less	7.00	Fix Solution
	Average	5.82	42.00	5.22	19.14	Delay (Sec)
30 to 60 KM	Count	15.00	9.00	36% More	14.00	Fix Solution
	Average	5.00	61.22	5.80	37.07	Delay (Sec)
60 to 90 KM	Count	9.00	3.00	67% More	9.00	Fix Solution
	Average	4.00	142.00	4.18	92.67	Delay (Sec)
90 to 150 KM	Count	9.00	4.00	50% More	8.00	Fix Solution
	Average	4.44	106.25	5.13	108.50	Delay (Sec)

ay vs. Nigh Solution usin	nt Obse ng Sing	rvatior le Bas	ns ana se Solu	lyzing tion	by del	ay for a Fi
		D	ay	Niç	ght	
Distance	Analysis	GIS Quality	Survey Quality	GIS Quality	Survey Quality	
Less than 30 KM	Count	11.00	11.00	9.00	7.00	Fix Solution
	Average	5.82	42.00	55% Less	19.14	Delay (Sec)
30 to 60 KM	Count	15.00	9.00	15.00	14.00	Fix Solution
	Average	5.00	61.22	39% Less	37.07	Delay (Sec)
60 to 90 KM	Count	9.00	3.00	11.00	9.00	Fix Solution
	Average	4.00	142.00	35% Less	92.67	Delay (Sec)
90 to 150 KM	Count	9.00	4.00	8.00	8.00	Fix Solution
	Average	4.44	106.25	2% More	108.50	Delay (Sec)

SUItS Day vs. Nig Quantity us	ht Obs	ervatio ax Net	ons an work S	alyzing Solutio	g Fixeo	I Solution
		Day		Nig	ght	
Distance	Analysis	GIS Quality	Survey Quality	GIS Quality	Survey Quality	
Less than 15 KM	Count	3	3	Same	3	Fix Solution
	Average	14.00	26.67	11.67	19.00	Delay (Sec)
15 to 30 KM	Count	5	5	Same	5	Fix Solution
	Average	5.20	58.40	10.20	18.40	Delay (Sec)
30 to 45 KM	Count	2	$\begin{pmatrix} 1 \end{pmatrix}$	50% More	2	Fix Solution
	Average	2.20	4.80	1.80	9.40	Delay (Sec)
45 to 60 KM	Count	2	2	Same	2	Fix Solution
		4.00	00.40	0.00	4.00	

Sults	nt Obse	rvation	ns ana	lyzing	Eived	Fild Solution t
elay using	Imax N	letworl	k Solut	ion	T IACU	
		D	av	Nic	aht	
Distance	Analysis	GIS Quality	Survey Quality	GIS Quality	Survey Quality	
Less than 15 KM	Count	3.00	3.00	3.00	3.00	Fix Solution
	Average	14.00	26.67	29% Less	19.00	Delay (Sec)
15 to 30 KM	Count	5.00	5.00	5.00	5.00	Fix Solution
	Average	5.20	58.40	69% Less	18.40	Delay (Sec)
30 to 45 KM	Count	2.00	1.00	2.00	2.00	Fix Solution
	Average	2.20	4.80	49% More	9.40	Delay (Sec)
45 to 60 KM	Count	2.00	2.00	2.00	2.00	Fix Solution

		to								FIG	*	
163	Sui	ເວ										
Data	a Ret	rieve	d Aftei	⁻ Obser	vations	s at	NGS F	Point	F-1	004		
	NGS Published Measurements											
	Northing Easting Elev Ellip. Elev. GH											
			268,639.86	6 169,895.	721 6.074	-37	.583 -43	.980				
	RT Da	ita (sec)		Day C)b servations		-		Analysis			
Base	GIS	Survey	Baceline	No riking	Easting	Elev.	Ellip.Elev.	ΔN	ΔE	ΔE	ΔEΠ	
PRMG	6	NA	53,802.254	268,639.728	169,895.865	6.363	-37.613	0.138	-0.144	-0.289	0.030	
PRMI	4	NA	63,665.462	268,639.939	169,895.938	6.210	-37.766	-0.073	-0.217	-0.136	0.183	
PRVE	5	18	50,422.836	268,639,969	169,895.723	6.470	-37.506	-0.103	-0.002	-0.396	-0.077	
PRCG	4	NA	75,856.603	268,639,876	169,895.374	6.835	-37.140	-0.010	0347	-0.761	-0.443	
NET	3	47	Net Adj.	268,639,893	169,895.729	6.379	- 37_597	-0.027	-0.008	-0.305	0.014	
	RT Da	ita (sec)		Night (Observations				Ana	lysis		
Base	GIS	Survey	Baceline	No rifeing	E-setting	Elev.	Ellip.Elev.	ΔN	ΔE	ΔE	A EII	
PRMG	4	12	53,802.244	268,639.884	169,895.748	6.369	-37.606	-0.018	-0.027	0.023	0.023	
PRMI	2	113	63,665.270	268,639,864	169,895.701	6.302	- 37.674	0.002	0.020	0.091	0.091	
PRVE	2	13	50,422.746	268,639.880	169,895.737	6.359	-37.616	-0.014	-0.016	0.033	0.033	
PRCG	2	NA	75,856.338	268,639 908	169,895.665	6.489	- 37 .487	-0.041	0.0%	-0.096	-0.096	
NEMO	7	1 7	Nat Ada	202 0 20 223	1 AU XU 3 7 43	6 357	- 37 619	3007	4004	1111746	111136	



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