









		36		a state	371
ıforn	nation about ch	osen per	mane	nt GPS	statio
SITE NAME	INSTITUTION	REGION/CITY	COUNTRY	NETWORK	
BZRG	GEODETICO BOLZANO RATAA	BOLZANO	ITALY	EPN+IGS	
CAVA	CONSORZIO VENEZIA NUOVA	CAVALLINO	ITALY	VENICE PROJ.	
CAME	ASI - TELESPAZIO	CAMERINO	ITALY	EDN	
COSE	PIANO LAGO	COSENZA	ITALY	ASI	
ELBA	ASI-TELESPAZIO	ISLA DE ELBA	ITALY	EPN	
GENO	ASI - TELESPAZIO	GENOVA	ITALY	EPN+IGS	
GRAS	OBSERVATOIRE DE CALERN-OCA	CAUSSOLS	FRANCE	IGS	
HFLK	INSTITUTE FOR SPACE RESEARCH	HAFELEKAR	AUSTRÍA	IGS	
MATE	ASI-TELESPAZIO	MATERA	ITALY	10 S	
MEDI	ASI-TELESPAZIO	MEDICINA	ITALY	16 S	
NOVA	COMUNEDÍ NOVARA	NOVARA	ITALY	ASI	
PAD 0	UNIVERSITA DI PADOVA	PADOVA	ITALY	EPN+IGS	
PATK	INSTITUTE FOR SPACE RESEARCH	PATSCHERKOFEL	AUSTRÍA	AUSTRIA PN.	
PAVI	UNIVERSITA DI PAVIA	PAVIA	ITALY	ASI	
PRAT	UNIFI DIC	PRATO	ITALY	ASI	
SFEL	consorzio venezia nuova	SAN FELİCE	ITALY	VENICE PROJ.	
TORI	POLITECNICO TORINO	TORINO	ITALY	EPN+IGS	
VENE	ASI-TELESPAZIO	VENEZIA	ITALY	EPN+IGS	
VOLT	CONSORZIO VENEZIA NUOVA	VOL TABAROZZO	ITALY	VENICE PROJ.	
NETWOR	K*: the network name that the station has I	be en including or operati	ng.		
	FIG	i Working Week an	d the 8th		
	Intern	ational Conference	or GSDI in		







000	coordinates of used GPS stations (epoch 2002.16)							
SÎTE NAME	RECEIVER TYPE	ANTENNA TYPE	ANTENNA DEIGHT (M)	x m	es)	2 010		
BZRD	LEICA CR31000	LEIAT304 wcbakering	0.2120	4312657.5496	864634.6150	4503844.4128		
CAME	TRIMELE 400052	TEM29639.00	0.0000	4542009.1897	1058564.1868	4336932.9183		
CAVA	LEICA R5500	LEIAT504 websitering	0.0274	4372204.6301	97:014.9127	45248952585		
COSE	TRIMELE 4000331	TEM29639.00	0.0000	4750531.5950	1390089.5335	4010089.6189		
ELBA	TRIMELE 40005SI	TR3429659-00	0.0000	461.6533.9688	831568.6126	4307569.9520		
01000	TRIMELE 40005SI	TRM26639.00	0.0000	45078923614	707621.4288	4441603.4736		
ORAS	TURD 0 ROOUE SNR- 12RM	DOFNE MARDOLIN T Wholester	0.0350	4581690.9440	556114.7773	4389360.7478		
HFLK	TRIMINE 40005SI	TRAE29639.00	-0.0200	42485051055	855575.6918	4667172.2518		
MATE	TRIMILE 40005ST	TR3429639.00	0.1010	4641949.6103	1393045.3700	4133287.4111		
MED I	TRIMELE 40005SI	TEM29639.00	0.0000	4461400.7980	919593.5265	4449504.7262		
NOVA	TRIMELE 40005SI	TRAM29639-00	0.0000	44318991764	6713671713	45225122131		
PAD 0	TRIMELE 4700	TRA429639.00	0.0000	4389892.0857	924567.4067	4519588.6940		
PATIC**	TRIMILE 40005SI	DO FINE MARGOLIN	-0.0250	4255736.0765	862759.8746	4639191.4366		
PAVI	TRIMINE 4700	TRM29639.00	0.0000	4444603 3183	714786.0406	4503373 2105		
IRAT	TRIMELE 4000551	TRM29639.00	0.0260	45182642128	8863766329	4399019 3025		
3712	LEDCA PSS00	LELATS04 webskering	0.0270	4396376.7464	957869.5371	4505424.7808 7		
TORI	TRIMELE 40005SI	TRM29639-00	0.0000	4472544,4006	601634.2918	4492545.1604		
VENE	TRIMELE 4700	TR3429659.00	0.0000	43797248182	957495.8327	4521605.2039		
VOLT	LECA R5500	LEIATS04 Websiteering	0.0270	43906931715	926138,4467	4517506.9827		







The A	Application lard solutions used	Phases in application	
Solution Type Number	Ephemerides	Ambiguity solution type	
S.T. 1	Broadcast	Fixed	
S.T. 2	Precise	Fixed	
S.T. 3	Broadcast	Float	
S.T. 4	Precise	Float	
F Inte C	FIG Working Week and the rmational Conference of GS 2airo from 16 to 21 April 20	8th 5D1 in 105.	18 19 1 4





					10			No.	B
	The RMSE of horizontal and vertical positions differences, which were computed in test softwares								
		Root Mean Square Errors (mm)							
	Software	S.T.1 Horizontal	S.T.1 vertical	S.T.2 Horizontal	S.T.2 Vertical	S.T.3 Horizontal	S.T.3 vertical	S.T.4 Horizontal	S.T.4 vertical
	AOS 2.0	37.3	61.3	27.9	68.0	15.2	56.6	12.8	57.0
	Pinnacle 1.0	20.2	46.3	12.1	45.9	27.3	45.6	18.8	48.4
	SKI 2.3	643.7	278.2	746.9	354.4	13.5	37.5	12.3	35.0
	TGO 1.5	32.3	49.3	32.4	47.4	15.9	35.3	13.5	34.2
	aos		pin	pin FIG Working Week and the 8th				tgo	
14				International Conference of GSDI in Cairo from 16 to 21 April 2005.				17	







































	All and a second second
	CONCLUSIONS
3	 The coordinate standard deviations and RMSE of solution are lower for an ambiguity-float (free) solution than for an ambiguity- fixed solution If there are doubts concerning the quality of the ambiguity-fixed solution, it is preferable to accept the ambiguity-float solution in its place.
	FIG Working Week and the 8th International Conference of GSDI in
53	Cairo from 16 to 21 April 2005. 37