# **Survey Report**

Job name	PN-04-09-2025
Creation date	4 Sep 2025
Version	Trimble Access 25.10
Distance Units	Meters
Angle units	Degrees
Pressure Units	mbar
Temperature Units	Celsius

## Coordinate system (Job)

System	World wide/UTM
Zone	43 North
Datum	WGS 1984

#### Projection

Projection	Universal Transverse Mercator
Origin lat	0°00'00.00000"N
Origin long	75°00'00.00000"E
False northing	0.000
False easting	500000.000
Scale	0.99960000
South azimuth (grid)	No
Grid coords	Increase North-East
Ellipsoid	Semi-major axis: 6378137.000 Flattening: 298.25722356

## Local site

Туре	Grid
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## Datum transformation

Туре	Seven parameter
Semi-major axis	6378137.000
Flattening	298.257223
Rotation X	0°00′00.0000"
Rotation Y	0°00′00.0000"
Rotation Z	0°00′00.0000"
Translation X	0.000
Translation Y	0.000
Translation Z	0.000
Scale	0.0000ppm

## Vertical adjustment

Casid file	ECMO6 (Clobal)	
Geoid file	IEGM96 (Global)	

# Collected Field Data (ECEF deltas: APC to APC)

# Corrections

South azimuth (grid)	No		
Grid coords	Increase North-East		
Magnetic declination	0°00'00"		
Distances	Ground		
Neighborhood adjustment	Off		

Datum transf	ormation								 
Туре		Seven para	meter						
Semi-major a	axis	6378137.0	00						
Flattening		298.25722	3						
Rotation X		0°00'00.00	00'00.0000"						
Rotation Y		0°00'00.00	00"						
Rotation Z		0°00'00.00							
Translation X	(	0.000							
Translation Y		0.000							
Translation Z		0.000							
Scale		0.00000pp	m						
ocuic		о.ооооорр							
Projection									
Projection		Universal T	ransverse Mercate	or					
Origin lat		0°00'00.00	000"N						
Origin long		75°00'00.0	0000"E						
False northin	ng	0.000							
False easting	]	500000.00	0						
Scale		0.9996000	0						
Ellipsoid		Semi-majo	r axis: 6378137.00	0 Flattening	g: 298.25722356				
Local site		Grid							
туре		Gria							
Vertical adjus	stment								
Geoid file		EGM96 (GI	obal)						
Coordinate sy	/stem								
System	, 0.10	World wide	/UTM						
Zone		43 North	, 01111						
Datum		WGS 1984							
Datam		1100 1704							
Rover options									
Elevation		PDOP	6						
mask	10	mask	O						
Base options							T		
Elevation		PDOP mask	6						
mask		IIIdSK				<u> </u>	<u> </u>		 
Rover options	3								
Elevation		PDOP	6						
mask		mask					<u> </u>		
Survey event	:	Rover start	ed						
2, 5.6.16									
Point (Global)	RS_WARD	Latitude	19°12'13.83947" N	-	72°50'43.41498" E		-42.722	Code	BS
GNSS receive	er								
Receiver type		Unknown							
Serial number									

Firmware version	0
Antenna type R12 Internal	
Measurement method	Antenna Phase Center
Tape adjustment	0.000
Horizontal offset	0.000
Vertical offset	0.000

## Base point

Point	RS_WARD Antenna	1.720	Туре	Corrected		
	height					

### Initialization event: RTK initialized

GPS week	2382 Seconds	380201 Initializati	On the fly Survey	Real-time	
		on type	type		

### **GNSS** receiver

THOU TOUCHTON		
Receiver type	R12i	
Serial number	6405710282	
Firmware version	6.25	
Antenna type	R12i Internal	
Measurement method	Bottom of quick release	
Tape adjustment	0.000	
Horizontal offset	0.000	
Vertical offset	0.179	

Point	1	ΔΧ	468.175	ΔΥ	264.204	ΔZ	-1168.238	Code	PN
		Method	RTK	Туре	Topo point	Search class	Normal		
Antenna height	2.000	Туре	Uncorrected	Hz Prec (DRMS)		Vt Prec (1 sigma)	0.020		
QC 1		PDOP	2.4	GDOP	4.2	HDOP	1.1	VDOP	2.2
		Base data age	2	Satellites	17	Positions used	4		
QC 2		VCV xx (m²)	0.000056	VCV xy (m²)	0.000054	VCV xz (m²)	0.000002		
				VCV yy (m²)	0.000365	VCV yz (m²)	0.000106		
						VCV zz (m²)	0.000076		
Point	2	ΔΧ	471.740	ΔΥ	262.764	ΔΖ	-1167.168	Code	PN
		Method	RTK	Туре	Topo point	Search class	Normal		
Antenna height	2.000	Туре	Uncorrected	Hz Prec (DRMS)	0.016	Vt Prec (1 sigma)	0.032		
QC 1		PDOP	1.6	GDOP	3.1	HDOP	0.8	VDOP	1.4
		Base data age	2	Satellites	26	Positions used	3		
QC 2		VCV xx (m²)	0.000132	VCV xy (m²)	0.000115	VCV xz (m²)	0.000014		
				VCV yy (m²)	0.000909	VCV yz (m²)	0.000315		
						VCV zz (m²)	0.000235		

Warnings (2)	Excess movement	Poor precision
Conditions at storage (2)	Excess movement	

Initialization event:	RTK not	initialized
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Initialization	event: RTK not i	nitialized							
GPS week	2382	Seconds	380453	Initializati on type	On the fly	Survey type	Real-time		
GPS week	event: RTK initia 2382	Seconds	380466	Initializati on type	On the fly	Survey type	Real-time		
					I	, , ,		1	
Point	3	ΔΧ	450.077	ΔΥ	258.733	ΔΖ	-1137.266	Code	PN
		Method	RTK	Туре	Topo point	Search class	Normal		
Antenna height	2.000		Uncorrected	(DRMS)		Vt Prec (1 sigma)	0.064		
QC 1		PDOP		GDOP		HDOP Positions		VDOP	1.8
		Base dat age	ia 2	Satellites	25	used	0		
QC 2		VCV xx (m²)	0.000750	(m²)	0.000525	(m²)	0.000561		
				VCV yy (m²)	0.003395	VCV yz (m²)	0.001394		
				( <i>)</i>		VCV zz (m²)	0.001045		
Warnings (3	)	F	Poor precision						
Conditions a	at storage (3)	F	Poor precision						
nitialization	event: RTK not i	nitialized							
GPS week	2382	Seconds	380695	Initializati	On the fly	-	Real-time		
				on type		type			
	event: RTK initia		1	l s			5 1		
GPS week	2382	Seconds	380696	Initializati on type	On the fly	Survey type	Real-time		
			•						
Initialization	event: RTK not i	nitialized							
GPS week		Seconds	380723	Initializati		Survey	Real-time		
				on type		type			
	event: RTK initia			1		1		ı	
GPS week	2382	Seconds	380741	Initializati on type	On the fly	Survey type	Real-time		
				1. 31.	<u> </u>	31		<u> </u>	
Point	4	ΔΧ	430.225	ΔΥ	257.246	ΔZ	-1116.318	Code	PN
1 0		Method		Туре	Topo point		Normal		
Antenna height	2.000	Туре	Uncorrected	Hz Prec (DRMS)	0.052	Vt Prec (1 sigma)	0.074		
QC 1		PDOP		GDOP		HDOP		VDOP	1.6
		Base dat age	a 3	Satellites	25	Positions used	0		
QC 2		VCV xx (m²)	0.002074	VCV xy (m²)	0.000853	VCV xz (m²)	0.001613		
-				VCV yy (m²)	0.004128	(m²)	0.001763		
						VCV zz (m²)	0.001993		1
Warnings (4	)	E	xcess movement			Poor pre	ecision		

Conditions at	storage (4)	E	cess movement			Poor prec	ision		
Initialization ev	ent: RTK not i	nitialized							
GPS week		Seconds	380937	Initializati on type	On the fly	Survey type	Real-time		
Initialization ev	ent: RTK initia	alized							
GPS week	2382	Seconds	380941	Initializati on type	On the fly	Survey type	Real-time		
Point	5	ΔΧ	415.138	ΛΥ	258.051	Λ7	-1105.368	Code	PI
Tome		Method		Туре	Topo point		Normal	-	
Antenna height	2.000	Туре	Uncorrected	Hz Prec (DRMS)	0.024	Vt Prec (1 sigma)	0.044		
QC 1		PDOP		GDOP		HDOP		VDOP	1.
		Base data	a 3	Satellites	26	Positions used	0		
QC 2		VCV xx (m²)	0.000596	VCV xy (m²)	0.000560	VCV xz (m²)	0.000374		
				VCV yy (m²)	0.001402	VCV yz (m²)	0.000525		
						VCV zz (m²)	0.000485		
Warnings (5)		Р	oor precision						
Conditions at	storage (5)	P	oor precision						
Initialization ev	ent: RTK not i	nitialized							
GPS week	2382	Seconds	381137	Initializati on type	On the fly	Survey type	Real-time		
			_ <b>I</b>	type		1960			
Initialization ev		lized Seconds	381164	Initializati	On the fly	Survey	Real-time		
or o week	2002	occorido	001104	on type	on the ny	type	rear time		
Point	6	ΔΧ	370.721	ΔΥ	261.656	ΔΖ	-1077.626	Code	PN-Damag
		Method		Туре	Topo point	class	Normal		
Antenna height	2.000	Туре	Uncorrected	Hz Prec (DRMS)	0.017	Vt Prec (1 sigma)	0.045		
QC 1		PDOP	1.5	GDOP	2.5	HDOP	0.6	VDOP	1.3
		Base dat age		Satellites	26	Positions used	0		
QC 2		VCV xx (m²)	0.000310	(m²)	0.000459	(m²)	0.000270		
				VCV yy (m²)	0.001507	(m²)	0.000692		
						VCV zz (m²)	0.000478		
Warnings (6)		Р	oor precision						
Conditions at	storage (6)	Р	oor precision						
Initialization ev			1	1		1 ,			
GPS week	0000	Seconds	001040	Initializati	On the fly	Currou	Real-time		1

Initialization event: RTK initialized

GPS week	2382	Seconds	381247	Initializati on type	On the fly	Survey type	Real-time		
<b> </b>		I	1						
Point	7	ΔΧ	342.364	ΔΥ	268.048	ΔZ	-1071.300	Code	PN
		Method	RTK	Туре	Topo point	Search class	Normal		
Antenna height	2.000	Туре	Uncorrected	Hz Prec (DRMS)		Vt Prec (1 sigma)	0.058		
QC 1		PDOP	1.6	GDOP	2.7	HDOP	0.6	VDOP	1.4
		Base data age		Satellites	26	Positions used	0		
QC 2		VCV xx (m²)	0.000588	VCV xy (m²)	0.000660	VCV xz (m²)	0.000382		
				VCV yy (m²)	0.002714	VCV yz (m²)	0.001087		
						VCV zz (m²)	0.000825		
Warnings (7)		Po	or precision						
Conditions at st	orage (7)	Po	or precision						
Point	8	ΔΧ	328.381	ΔΥ	270.985		-1068.433	Code	PN flot
		Method	RTK	Туре	Topo point	class	Normal		
Antenna height	2.000	Туре	Uncorrected	(DRMS)	0.152	Vt Prec (1 sigma)	0.658		
QC 1		PDOP		GDOP		HDOP		VDOP	1.6
		Base data age		Satellites		Positions used	0		
QC 2		VCV xx (m²)	0.049994	(m²)	0.135691	(m²)	0.020205		
				VCV yy (m²)	0.387479	(m²)	0.066614		
						VCV zz (m²)	0.018512		
Warnings (8)		Po	or precision						
Conditions at sto	orage (8)	Po	oor precision						
Initialization ever	nt: RTK not i	nitialized							
GPS week	2382	Seconds	381702	Initializati on type	On the fly	Survey type	Real-time		
Initialization ever		alized Seconds	381707	Initializati on type	On the fly	Survey type	Real-time		
Point	0	ΔΧ	326.396	۸v	275.937	A7	-1080.372	Code	PN
Tome		Method		Туре	Topo point		Normal	Code	114
Antenna height	2.000	Туре	Uncorrected	Hz Prec (DRMS)	0.033	Vt Prec (1 sigma)	0.059		
QC 1		PDOP	1.6	GDOP		HDOP	0.7	VDOP	1.4
		Base data age	3	Satellites	26	Positions used	0		
QC 2		VCV xx (m²)	0.000760	VCV xy (m²)	0.000348	VCV xz (m²)	0.000242		
				VCV yy (m²)	0.002831	VCV yz (m²)	0.001359		
						VCV zz (m²)	0.000974		

Warnings (9	)		Poor precision						
Conditions a	at storage (9)		Poor precision						
Initialization	event: RTK not i	nitialized							
GPS week				Initializati on type	On the fly	Survey type	Real-time		
	, DTK: W		1			121			
GPS week	event: RTK initia 2382	Seconds	381899	Initializati on type	On the fly	Survey type	Real-time		
D · ·		I.v.	200,000	I.v.	004.005	I I	1100 004		
Point	10	ΔX Method	326.392 RTK	Туре	284.295 Topo point	-	-1102.994 Normal		PN
Antenna height	2.000	Туре	Uncorrected	Hz Prec (DRMS)	0.030	Vt Prec (1 sigma)	0.056		
QC 1		PDOP Base da		GDOP Satellites		HDOP Positions	0.6	VDOP	1.4
QC 2		age VCV xx (m²)	0.000788	VCV xy (m²)	0.000630	vcv xz (m²)	0.000089		
		,		VCV yy (m²)	0.002780	` '	0.000784		
						VCV zz (m²)	0.000480		
Warnings (1	0)		Poor precision						
Conditions a	at storage (10)		Poor precision						
Initialization	event: RTK not i	nitialized		1		1		ı	
GPS week	2382	Seconds	382094	Initializati on type	On the fly	Survey type	Real-time		
	. DTV: W	P. I							
GPS week	event: RTK initia 2382	Seconds	382131	Initializati on type	On the fly	Survey type	Real-time		
Point	11	ΔΧ	306.525	ΔΥ	276.659	ΔZ	-1064.815	Code	PN
		Method		Туре	Topo point	class	Normal		
Antenna height	2.000		Uncorrected	(DRMS)		Vt Prec (1 sigma)	0.071		
QC 1		PDOP Base da age		GDOP Satellites		HDOP Positions used	0.5	VDOP	1.0
QC 2		VCV xx (m²)	0.001207	VCV xy (m²)	0.000956		0.000737		
				VCV yy (m²)	0.004076	(m²)	0.001520		
						VCV zz (m²)	0.001457		
Warnings (1	-		Poor precision						
Conditions	at storage (11)		Poor precision						
Initialization GPS week	event: RTK not i 2382	nitialized Seconds		Initializati	On the fly	-	Real-time		
				on type		type			

nitialization eve		Second	lo I	202271	Initializati	On the fly	Curvov	Real-time		
GF3 Week	2362	Second	15	362271	on type	On the hy	type	Real-tillle		
nitialization eve	ent: RTK not i	nitialize	d							
GPS week	2382	Second	ls	382273	Initializati	On the fly	-	Real-time		
					on type		type			
nitialization eve	ent: RTK initia	alized								
GPS week	2382	Second	ls	382287	Initializati	On the fly	-	Real-time		
					on type		type			
		l			1					T
Point	12	ΔX Method		305.402	ΔY Type	277.026 Topo point		-1064.548 Normal	Code	PN-VS-FLO
		ivietiloc	'	KIK	Туре	торо роші	class	Nomiai		
Antenna	2.000	Туре		Uncorrected		0.076	Vt Prec (1	0.108		
height QC 1		PDOP		1 7	(DRMS) GDOP	2.2	sigma) HDOP	1 2	VDOP	1.:
QU I		Base da	ata		Satellites		Positions	0	VDOI	1.
		age					used			
QC 2		VCV xx (m²)		0.002930	VCV xy (m²)	-0.001818	VCV xz (m²)	-0.000279		
		( )			VCV yy	0.011591	` '	0.004359		
					(m²)		(m²)			
							VCV zz (m²)	0.002796		
Warnings (12)			Poor	recision	l l		, ,			
Conditions at s	torage (12)			precision						
nitialization eve	ent: RTK not i	nitialize	Ч							
GPS week		Second		382332	Initializati	On the fly	Survey	Real-time		
					on type		type			
nitialization eve	ent: RTK initia	alized								
GPS week	2382	Second	ls	382381	Initializati	On the fly		Real-time		
					on type		type			

Initialization event: RTK not initialized

GPS week	2382	Seconds	382765	Initializati	On the fly	Survey	Real-time		
				on type		type			
		Г		ı	Т	1			T 1
Point	13	Х	1777486.537	Υ	5757584.550	Z	2083618.231	Code	PN-FLOT
		Method	Code	Туре	Topo point	Search	Normal		
						class			
Antenna	2.000	Туре	Uncorrected	Hz Prec	3.884	Vt Prec (1	4.392		
height		**		(DRMS)		sigma) `			

QC 1		PDOP	4.3	GDOP	5.4	HDOP	2.3	VDOP	3.
		Base da	+	Satellites	15	Positions	0		
		age				used			
QC 2		VCV xx (m²)	10.207258	VCV xy (m²)		(m²)	3.664568		
				VCV yy (m²)	18.805695	VCV yz (m²)	4.913188		
						VCV zz (m²)	5.365382		
Warnings (13)			Excess movement			Poor pre	ecision		
Conditions at sto	orage (13)		Excess movement			Poor pre			
nitialization even		Seconds	382816	Initializati	On the fly	Survey	Real-time		
GF3 WEEK	2302	Second	302010	on type		type	Real-time		
Point	1.4	ΔΧ	260.405	lav.	278.158	A.7	-1036.529	Codo	DA
FUIIL	14	ΔX Method	269.495 RTK	Туре	Topo point		-1036.529 Normal	code	PN
						class			
Antenna beight	2.000	Туре	Uncorrected	I I		Vt Prec (1	0.049		
height QC 1		PDOP	1 /	(DRMS) GDOP		sigma) HDOP	N 6	VDOP	1.2
451		Base da		Satellites		Positions	0.0	-501	1.2
		age				used			
QC 2		VCV xx (m²)	0.000760	VCV xy (m²)	0.000734	VCV xz (m²)	0.000142		
		(11)		VCV yy	0.001989	VCV yz	0.000507		
				(m²)		(m²) VCV zz	0.000449		
						(m²)			
Warnings (14)			Excess movement			Poor pre			
Conditions at sto	orage (14)		Excess movement			Poor pre	ecision		
nitialization even	t: RTK not i	nitialized				· ·			
GPS week	2382	Seconds	s 382998	Initializati on type	On the fly	Survey type	Real-time		
·									
nitialization even	t: RTK initia	alized							
GPS week		Seconds	s 383181	Initializati	On the fly	Survey	Real-time		
				on type					
		<u> </u>		on type		type			
Initialization even	t: RTK not i	nitializec	<u> </u>	on type					
Initialization even		nitialized Seconds		Initializati	On the fly	type	Real-time		
					On the fly	type	Real-time		
	2382	Seconds		Initializati	On the fly	type	Real-time		
GPS week	2382 t: RTK initia	Seconds	s 383352	Initializati on type	On the fly On the fly	Survey type	Real-time Real-time		
GPS week	2382 t: RTK initia	Seconds	s 383352	Initializati on type	On the fly On the fly	Survey type			
nitialization even	2382 t: RTK initia 2382	Seconds	s 383352	Initializati on type Initializati on type	On the fly On the fly	Survey type  Survey type		Code	PN
nitialization even	2382 t: RTK initia 2382	Seconds  alized Seconds	s 383352 s 383372 326.318	Initializati on type Initializati on type	On the fly On the fly  241.130 Topo point	Survey type  Survey type	Real-time	Code	PN
nitialization even GPS week  Point  Antenna	2382 t: RTK initia 2382	Seconds  alized  Seconds  ΔX  Method	s 383352 s 383372 326.318	Initializati on type  Initializati on type  ΔΥ  Туре  Hz Prec	On the fly  On the fly  241.130  Topo point  0.031	Survey type  Survey type  AZ  Search class Vt Prec (1	Real-time	Code	PN
nitialization even GPS week  Point	2382 t: RTK initia 2382 15	Seconds  alized  Seconds  ΔX  Method	s 383352 s 383372 326.318 RTK Uncorrected	Initializati on type  Initializati on type  ΔΥ  Туре	On the fly  On the fly  241.130  Topo point  0.031	Survey type  Survey type  AZ  Search class	-984.023 Normal 0.045	Code	PN

QC 2		VCV xx (m²)	0.000605	(m²)	0.000032	(m²)	0.000037		
				VCV yy (m²)	0.002033	VCV yz (m²)	0.000415		
						VCV zz (m²)	0.000320		
Warnings (15)		Poor	r precision	<u> </u>		<u> </u>		<u>'</u>	
Conditions at st	torage (15)		precision						
	DTI/								
Initialization eve		Seconds	383774	Initializati	On the fly	Survey	Real-time		
				on type		type			
Initialization eve	nt: RTK initia	lized							
GPS week	2382	Seconds	383788	Initializati on type	On the fly	Survey type	Real-time		
		<u> </u>		<del>-</del> <del>-</del> <del>-</del>		96-		<u> </u>	
Point	14	ΔΧ	326.768	ΔV	230.389	Δ7	-956.146	Code	PN
r Ollit	10	ΔX Method		Туре	Topo point		-956.146 Normal	coue	רוי רוי
		Metriod	· · · · ·	. ypc	Topo point	class	Homai		
Antenna	2.000	Туре	Uncorrected		0.019	Vt Prec (1	0.032		
height QC 1		PDOP	1 2	(DRMS) GDOP	2.1	sigma) HDOP	0.7	VDOP	1.
QC I		Base data		Satellites		Positions	0.7	VDOP	1.
		age				used			
QC 2		VCV xx (m²)	0.000260	VCV xy (m²)	0.000215	VCV xz (m²)	0.000184		
		(111 )		VCV yy	0.000821	` '	0.000253		
				(m²)		(m²) <sup>*</sup>			
						VCV zz	0.000286		
i I						(m²)			
Warnings (16)		Poor	precision			(m²)			
Warnings (16) Conditions at st	torage (16)		r precision			(m²)			
Warnings (16) Conditions at st			r precision r precision 327.415	ΔΥ	219.477		-927.377	Code	PN
Conditions at s		Poor	r precision 327.415	ΔY Type	219.477 Topo point	ΔΖ			PN
Point  Antenna		Poor ΔX Method	r precision 327.415	Type Hz Prec	Topo point	ΔZ Search class Vt Prec (1	-927.377		PN
Conditions at st	17	Poor ΔX Method	r precision  327.415  RTK  Uncorrected	Туре	Topo point	ΔZ Search class	-927.377 Normal 0.038		
Point  Antenna height	17	Poor  AX  Method  Type  PDOP  Base data	327.415 RTK Uncorrected	Type Hz Prec (DRMS)	Topo point 0.020 1.8	ΔZ Search class Vt Prec (1 sigma) HDOP Positions	-927.377 Normal 0.038		
Point  Antenna height	17	Poor  AX  Method  Type  PDOP  Base data age  VCV xx	327.415 RTK Uncorrected	Type  Hz Prec (DRMS)  GDOP  Satellites  VCV xy	Topo point 0.020 1.8	ΔZ Search class Vt Prec (1 sigma) HDOP Positions used VCV xz	-927.377 Normal 0.038	VDOP	
Point  Antenna height  QC 1	17	Poor  AX  Method  Type  PDOP  Base data age	Trecision  327.415  RTK  Uncorrected  1.0	Type  Hz Prec (DRMS)  GDOP  Satellites  VCV xy (m²)  VCV yy	Topo point 0.020 1.8 38	ΔZ Search class Vt Prec (1 sigma) HDOP Positions used VCV xz (m²) VCV yz	-927.377 Normal 0.038 0.5	VDOP	
Point  Antenna height  QC 1	17	Poor  AX  Method  Type  PDOP  Base data age  VCV xx	Trecision  327.415  RTK  Uncorrected  1.0	Type  Hz Prec (DRMS)  GDOP  Satellites  VCV xy (m²)	Topo point 0.020 1.8 38 0.000400	AZ Search class Vt Prec (1 sigma) HDOP Positions used VCV xz (m²) VCV yz (m²) VCV zz	-927.377 Normal 0.038 0.5 4 0.000196	VDOP	
Point  Antenna height  QC 1  QC 2	2.000	Poor  AX  Method  Type  PDOP  Base data age  VCV xx (m²)	Trecision  327.415  RTK  Uncorrected  1.0	Type  Hz Prec (DRMS)  GDOP  Satellites  VCV xy (m²)  VCV yy	Topo point 0.020 1.8 38 0.000400	ΔZ Search class Vt Prec (1 sigma) HDOP Positions used VCV xz (m²) VCV yz (m²)	-927.377 Normal 0.038 0.5 4 0.000196	VDOP	
Point  Antenna height  QC 1	2.000	Poor  AX  Method  Type  PDOP  Base data age  VCV xx (m²)	Uncorrected 1.0 3.0.000391	Type  Hz Prec (DRMS)  GDOP  Satellites  VCV xy (m²)  VCV yy	Topo point 0.020 1.8 38 0.000400 0.001180	ΔZ Search class Vt Prec (1 sigma) HDOP Positions used VCV xz (m²) VCV yz (m²) VCV zz (m²)	-927.377 Normal 0.038 0.5 4 0.000196	VDOP	PN 0.8
Point  Antenna height QC 1  QC 2	2.000	Poor  AX  Method  Type  PDOP  Base data age  VCV xx (m²)	Uncorrected 1.0 3.0.000391	Type  Hz Prec (DRMS)  GDOP  Satellites  VCV xy (m²)  VCV yy (m²)	Topo point 0.020 1.8 38 0.000400	ΔZ Search class Vt Prec (1 sigma) HDOP Positions used VCV xz (m²) VCV yz (m²) VCV zz (m²)	-927.377 Normal 0.038 0.5 4 0.000196 0.000323	VDOP	
Point  Antenna height QC 1  QC 2  Initialization eve	2.000 ent: RTK not i 2382	Poor  AX  Method  Type  PDOP  Base data age  VCV xx (m²)  nitialized  Seconds	Uncorrected 1.0 3.0.000391	Type  Hz Prec (DRMS)  GDOP  Satellites  VCV xy (m²)  VCV yy (m²)	Topo point 0.020 1.8 38 0.000400 0.001180	ΔZ Search class Vt Prec (1 sigma) HDOP Positions used VCV xz (m²) VCV yz (m²) VCV zz (m²)	-927.377 Normal 0.038 0.5 4 0.000196 0.000323	VDOP	
Point  Antenna height QC 1  QC 2  Initialization eve	2.000 ent: RTK not i 2382	Poor  AX  Method  Type  PDOP  Base data age  VCV xx (m²)  nitialized  Seconds	327.415 RTK Uncorrected 1.0 3 0.000391	Type  Hz Prec (DRMS)  GDOP  Satellites  VCV xy (m²)  VCV yy (m²)  Initializati on type	Topo point  0.020  1.8  38  0.000400  0.001180  On the fly	ΔZ Search class Vt Prec (1 sigma) HDOP Positions used VCV xz (m²) VCV yz (m²) VCV yz (m²) Survey type	-927.377 Normal 0.038 0.5 4 0.000196 0.000323 0.000270 Real-time	VDOP	
Point  Antenna height QC 1  QC 2	2.000 ent: RTK not i 2382	Poor  AX  Method  Type  PDOP  Base data age  VCV xx (m²)  nitialized  Seconds	327.415 RTK Uncorrected 1.0 3 0.000391	Type  Hz Prec (DRMS)  GDOP  Satellites  VCV xy (m²)  VCV yy (m²)	Topo point 0.020 1.8 38 0.000400 0.001180 On the fly	ΔZ Search class Vt Prec (1 sigma) HDOP Positions used VCV xz (m²) VCV yz (m²) VCV yz (m²) Survey type	-927.377 Normal 0.038 0.5 4 0.000196 0.000323	VDOP	
Point  Antenna height QC 1  QC 2  Initialization eve	2.000 ent: RTK not i 2382	Poor  AX  Method  Type  PDOP  Base data age  VCV xx (m²)  nitialized  Seconds	327.415 RTK Uncorrected 1.0 3 0.000391	Type  Hz Prec (DRMS)  GDOP  Satellites  VCV xy (m²)  VCV yy (m²)  Initializati on type	Topo point 0.020 1.8 38 0.000400 0.001180 On the fly	ΔZ Search class Vt Prec (1 sigma) HDOP Positions used VCV xz (m²) VCV yz (m²) VCV zz (m²) Survey type	-927.377 Normal 0.038 0.5 4 0.000196 0.000323 0.000270 Real-time	VDOP	
Point  Antenna height QC 1  QC 2  Initialization eve	2.000 ent: RTK not i 2382 ent: RTK initia	Poor  AX  Method  Type  PDOP  Base data age  VCV xx (m²)  nitialized  Seconds	327.415 RTK Uncorrected 1.0 3 0.000391	Type  Hz Prec (DRMS)  GDOP  Satellites  VCV xy (m²)  VCV yy (m²)  Initializati on type  Initializati on type	Topo point 0.020 1.8 38 0.000400 0.001180 On the fly	ΔZ Search class Vt Prec (1 sigma) HDOP Positions used VCV xz (m²) VCV yz (m²) VCV zz (m²) Survey type	-927.377 Normal 0.038 0.5 4 0.000196 0.000323 0.000270 Real-time	VDOP	

		1 1				class			
Antenna height	2.000	Туре	Uncorrected	Hz Prec (DRMS)	0.031	Vt Prec (1 sigma)	0.042		
QC 1		PDOP	1.2	GDOP	2.1	HDOP	0.7	VDOP	1.1
		Base data age	2	Satellites	26	Positions used	6		
QC 2		VCV xx (m²)	0.000393	VCV xy (m²)	-0.000169	VCV xz (m²)	-0.000132		
				VCV yy (m²)	0.001693	VCV yz (m²)	0.000616		
						VCV zz (m²)	0.000615		
Initialization	event: RTK not i	initialized							
GPS week		Seconds	384522	Initializati on type	On the fly	Survey type	Real-time		
								l	
GPS week	event: RTK initia 2382	Seconds	384547	Initializati on type	On the fly	Survey type	Real-time		
GPS week	event: RTK not i 2382	Seconds	384616	Initializati on type	On the fly	Survey type	Real-time		
Initialization	event: RTK initia	alized							
GPS week		Seconds	384617	Initializati on type	On the fly	Survey type	Real-time		
Initialization	event: RTK not i	initialized							
GPS week		Seconds	384666	Initializati on type	On the fly	Survey type	Real-time		
1:4:-1:4:	DTIV in it	- l:l							
GPS week	event: RTK initia 2382	Seconds	384672	Initializati on type	On the fly	Survey type	Real-time		
Point	19	ΔΧ	205.909	ΔΥ	253.939	ΔΖ	-916.152	Code	PN
		Method		Туре	Topo point	class	Normal		
Antenna height	2.000	Туре	Uncorrected	Hz Prec (DRMS)	0.032	Vt Prec (1 sigma)	0.070		
QC 1		PDOP		GDOP		HDOP	1.0	VDOP	2.0
		Base data age		Satellites		Positions used	2		
QC 2		VCV xx (m²)	0.001648	(m²)	0.001820	(m²)	0.000732		
				VCV yy (m²)	0.003666	(m²)	0.001203		
						VCV zz (m²)	0.000661		
Warnings (1	9)	Poo	or precision						
	event: RTK not i	1 1		T		1		T	T
GPS week	2382	Seconds	384850	Initializati on type	On the fly	Survey type	Real-time		

Point	20	X	1777412.340	Υ	5757579.033	Z	2083723.516	Code	PN-FLOT
		Method	Code	Туре	Topo point	Search class	Normal		
Antenna height	2.000	Туре	Uncorrected	Hz Prec (DRMS)	1.681	Vt Prec (1 sigma)	2.083		
QC 1		PDOP	2.3	GDOP	2.7	HDOP	1.5	VDOP	1.5
		Base dat		Satellites	13	Positions used	0	-	
QC 2	VCV xx (m²)	2.281389	VCV xy (m²)	0.351766	VCV xz (m²)	1.030229			
			VCV yy (m²)	3.413155	VCV yz (m²)	1.444007			
						VCV zz (m²)	1.469165		
Warnings (20)		F	Poor precision						
Conditions at st	torage (20)		Poor precision						
			-						
GPS week		Seconds	384947	Initializati on type	On the fly	Survey type	Real-time		
Initialization eve		nitialized Seconds	384972	Initializati	On the fly	Survey	Real-time		
GF3 Week	2502	Seconds	304972	on type	On the ny	type	Real-time		
GPS week	2382	Seconds	384985	Initializati	On the fly	-	Real-time		
			384985	on type	On the fly	type	Real-time		
Initialization eve	nt: RTK not i				On the fly On the fly	type	Real-time		
Initialization eve	nt: RTK not i 2382	nitialized Seconds		on type		type			
Initialization eve	nt: RTK not i 2382 nt: RTK initia	nitialized Seconds	384986	on type		type Survey type			
Initialization eve GPS week Initialization eve GPS week	nt: RTK not i 2382 nnt: RTK initia 2382	nitialized Seconds alized Seconds	384986	Initializati on type	On the fly	Survey type	Real-time		
Initialization eve	ent: RTK not i 2382 ent: RTK initia 2382 ent: RTK not i	nitialized Seconds alized Seconds	384986	Initializati on type  Initializati on type	On the fly	Survey type  Survey type  Survey	Real-time		
Initialization eve GPS week  Initialization eve GPS week  Initialization eve GPS week	ent: RTK not i 2382 ent: RTK initia 2382 ent: RTK not i 2382	nitialized Seconds alized Seconds nitialized Seconds	384986	Initializati on type	On the fly On the fly	Survey type  Survey type	Real-time Real-time		
Initialization eve  GPS week  Initialization eve  GPS week	ent: RTK not i 2382 ent: RTK initia 2382 ent: RTK not i 2382	nitialized Seconds alized Seconds nitialized Seconds	384986	Initializati on type  Initializati on type  Initializati on type  Initializati on type	On the fly On the fly	Survey type  Survey type  Survey	Real-time Real-time		
Initialization eve GPS week Initialization eve GPS week Initialization eve GPS week	ent: RTK not i 2382 ent: RTK initia 2382 ent: RTK not i 2382	nitialized Seconds alized Seconds nitialized Seconds	384986	Initializati on type  Initializati on type  Initializati on type	On the fly On the fly	Survey type  Survey type  Survey	Real-time Real-time		
Initialization eve GPS week Initialization eve GPS week Initialization eve GPS week	ent: RTK not i 2382 ent: RTK initia 2382 ent: RTK not i 2382 ent: RTK initia 2382	nitialized Seconds alized Seconds nitialized Seconds	384986	Initializati on type  Initializati on type  Initializati on type  Initializati on type	On the fly On the fly	Survey type  Survey type  Survey type  Survey	Real-time Real-time		
nitialization eve GPS week  nitialization eve GPS week  nitialization eve GPS week  nitialization eve GPS week	ent: RTK not i 2382 ent: RTK initia 2382 ent: RTK not i 2382 ent: RTK initia 2382	nitialized Seconds alized Seconds nitialized Seconds seconds	384986 385011 385030 385040	Initializati on type  Initializati on type  Initializati on type  Initializati on type	On the fly On the fly On the fly	Survey type  Survey type  Survey type  Survey type	Real-time  Real-time  Real-time	Code	
Initialization eve GPS week  Antenna height	ent: RTK not i 2382 ent: RTK initia 2382 ent: RTK not i 2382 ent: RTK initia 2382	nitialized Seconds  nitialized Seconds  nitialized Seconds  AX  Method  Type	384986 385011 385030 385040 217.188 RTK Uncorrected	Initializati on type  Initializati on type  Initializati on type  Initializati on type  AY  Type  Hz Prec (DRMS)	On the fly On the fly On the fly 271.093 Topo point 0.526	Survey type  Survey type  Survey type  Survey type  AZ  Search class Vt Prec (1 sigma)	Real-time  Real-time  Real-time  -973.718  Normal  0.322	Code	PN-NOT OPEN-FLOT
nitialization eve GPS week  nitialization eve GPS week  nitialization eve GPS week  nitialization eve GPS week  Antenna	ent: RTK not i 2382 ent: RTK initia 2382 ent: RTK initia 2382 ent: RTK initia 2382 21 2.000	nitialized Seconds  alized Seconds  nitialized Seconds  AX  Method	385011 385011 385030 217.188 RTK Uncorrected	Initializati on type  Initializati on type  Initializati on type  Initializati on type  AY  Type  Hz Prec	On the fly On the fly On the fly 271.093 Topo point 0.526	Survey type  Survey type  Survey type  Survey type  AZ  Search class Vt Prec (1	Real-time  Real-time  Real-time  -973.718  Normal  0.322	Code	

		age				used			
QC 2		VCV xx (m²)	0.260722	VCV xy (m²)	0.023378	VCV xz (m²)	0.152957		
				VCV yy (m²)	0.027880	VCV yz (m²)	0.018823		
						VCV zz (m²)	0.091748		
Warnings (21)		Po	or precision						
Conditions at s	torage (21)	Po	or precision						
nitialization eve	nt: RTK not i	nitialized							
GPS week	2382	Seconds	385151	Initializati on type	On the fly	Survey type	Real-time		
GPS week		lized Seconds	385197	Initializati	On the fly	Survev	Real-time		
				on type		type			
		1		, <u> </u>					
Point	22	ΔX	237.056	-	269.202		-984.542	Code	PI
		Method		Туре		class	Normal		
Antenna height	2.000	Туре	Uncorrected	Hz Prec (DRMS)		Vt Prec (1 sigma)	0.096		
QC 1		PDOP	1.7	GDOP	3.3	HDOP	0.8	VDOP	1.
		Base data age	2	Satellites		Positions used	0		
QC 2		VCV xx (m²)	0.001781	VCV xy (m²)	0.002390	VCV xz (m²)	0.001470		
				VCV yy (m²)	0.007088	VCV yz (m²)	0.002743		
						VCV zz (m²)	0.001753		
Warnings (22)		Po	or precision					1	
Conditions at s	torage (22)	Po	or precision						
Initialization eve	nt: RTK not i	nitialized							
GPS week	0000	Seconds	385304	Initializati	On the fly		Real-time		
5. 5sax	2382	occonas		on type		tvpe			
	2382	occonds		on type		type			
Initialization eve	nt: RTK initia	alized							
Initialization eve	nt: RTK initia		385313	Initializati on type	On the fly		Real-time		
Initialization eve	nt: RTK initia	alized	385313	Initializati	On the fly	Survey	Real-time		
nitialization eve	nt: RTK initia 2382	alized	266.007	Initializati on type	On the fly 263.202	Survey type	Real-time -992.352	Code	Pi
Initialization eve	nt: RTK initia 2382	alized Seconds	266.007	Initializati on type	On the fly  263.202  Topo point	Survey type		Code	Pl
Initialization eve	nt: RTK initia 2382	Seconds ΔX Method	266.007	Initializati on type	263.202 Topo point 0.023	Survey type	-992.352	Code	Pi
nitialization eve GPS week  Point  Antenna height	nt: RTK initia 2382 23	alized Seconds ΔX Method Type PDOP	266.007 RTK Uncorrected	Initializati on type  ΔΥ  Type  Hz Prec (DRMS)  GDOP	263.202 Topo point 0.023	Survey type	-992.352 Normal 0.045 0.7	Code	
nitialization eve GPS week  Point  Antenna height	nt: RTK initia 2382 23	alized Seconds ΔX Method	266.007 RTK Uncorrected	Initializati on type   ΔΥ  Type  Hz Prec (DRMS)	263.202 Topo point 0.023 3.1 24	Survey type  AZ  Search class Vt Prec (1 sigma)	-992.352 Normal 0.045		
Point  Antenna height QC 1	nt: RTK initia 2382 23	AX Method Type PDOP Base data	266.007 RTK Uncorrected	Initializati on type  ΔΥ  Type  Hz Prec (DRMS)  GDOP  Satellites	263.202 Topo point 0.023 3.1 24	Survey type  AZ  Search class Vt Prec (1 sigma) HDOP Positions used VCV xz (m²)	-992.352 Normal 0.045 0.7		
Point  Antenna	nt: RTK initia 2382 23	AX Method Type PDOP Base data age VCV xx	266.007 RTK Uncorrected	Initializati on type  ΔΥ  Type  Hz Prec (DRMS)  GDOP  Satellites  VCV xy	263.202 Topo point 0.023 3.1 24 0.000737	Survey type  AZ  Search class Vt Prec (1 sigma) HDOP Positions used VCV xz (m²)	-992.352 Normal 0.045 0.7		Pì
Point  Antenna height QC 1	nt: RTK initia 2382 23	AX Method Type PDOP Base data age VCV xx	266.007 RTK Uncorrected	Initializati on type  ΔΥ  Type  Hz Prec (DRMS)  GDOP  Satellites  VCV xy (m²)  VCV yy	263.202 Topo point 0.023 3.1 24 0.000737	Survey type  AZ Search class Vt Prec (1 sigma) HDOP Positions used VCV xz (m²) VCV yz	-992.352 Normal 0.045 0.7 6		

		Method	RTK	Туре	Topo point	Search class	Normal		
Antenna height	2.000	Туре	Uncorrected	Hz Prec (DRMS)		Vt Prec (1 sigma)	0.063		
QC 1		PDOP	1.6	GDOP	3.1	HDOP	0.8	VDOP	1.
		Base data age	2	Satellites	25	Positions used	5		
QC 2		VCV xx (m²)	0.000366	VCV xy (m²)	0.000670	VCV xz (m²)	0.000314		
				VCV yy (m²)	0.003314	VCV yz (m²)	0.001310		
						VCV zz (m²)	0.000812		
Warnings (24)	)	Poor	precision						
nitialization e	vent: RTK not i	nitialized							
GPS week	2382	Seconds	385496	Initializati on type	On the fly	Survey type	Real-time		
on to the	, DTV: W	P. I							
GPS week	vent: RTK initia 2382	Seconds	385633	Initializati	On the fly		Real-time		
				on type		type			
Point	25	ΔΧ	177.707	AV	248.485	A.7	-878.760	Codo	PN
Polit		Method		Туре	Topo point		Normal	Code	Pi
Antenna height	2.000	Туре	Uncorrected	Hz Prec (DRMS)		Vt Prec (1 sigma)	0.029		
QC 1		PDOP	1.4	GDOP		HDOP	0.7	VDOP	1.2
		Base data age	3	Satellites	26	Positions used	6		
QC 2		VCV xx (m²)	0.000244	VCV xy (m²)	0.000180	VCV xz (m²)	0.000172		
				VCV yy (m²)	0.000641	VCV yz (m²)	0.000240		
						VCV zz (m²)	0.000265		
nitialization e	vent: RTK not i	nitialized							
GPS week	2382	Seconds	385970	Initializati on type	On the fly	Survey type	Real-time		
GPS week	vent: RTK initia 2382	Seconds	385981	Initializati	On the fly		Real-time		
				on type		type			
Point	26	ΔΧ	187.495	ΔΥ	242.460	ΔΖ	-871.344	Code	PN
		Method		Туре	Topo point	-	Normal		
		Туре	Uncorrected	Hz Prec (DRMS)		Vt Prec (1 sigma)	0.056		
	2.000	'		(51400)				VDOP	1.2
height	2.000	PDOP	1.4	GDOP	2.7	HDOP	0.7	VDOP	1.4
Antenna height QC 1	2.000		3	GDOP Satellites	26	Positions used	6	VDOP	1
height	2.000	PDOP Base data		GDOP Satellites VCV xy (m²)	26 0.000352	Positions used VCV xz (m²)			1.4
height QC 1	2.000	PDOP Base data age VCV xx	3	GDOP Satellites VCV xy	0.000352 0.002572	Positions used VCV xz (m²)	6		1,2

						(m²)			
nitialization	event: RTK not i	nitialized							·
GPS week	1	Seconds	386244	Initializati on type	On the fly	Survey type	Real-time		
	event: RTK initia	1				_		ı	1
GPS week	2382	Seconds	386296	Initializati on type	On the fly	Survey type	Real-time		
Point	27	ΔΧ	182.973	AV	223.091	A.7	-815.408	Code	Pr
TOILE	21	Method		Туре	Topo point		Normal	oode	
Antenna height	2.000	Туре	Uncorrected	Hz Prec (DRMS)	0.018	Vt Prec (1 sigma)	0.028		
QC 1		PDOP	1.3	GDOP	2.7	HDOP	0.7	VDOP	1.1
		Base data		Satellites		Positions used	5		
QC 2		VCV xx (m²)	0.000207	VCV xy (m²)	0.000142	VCV xz (m²)	0.000034		
				VCV yy (m²)	0.000797	VCV yz (m²)	0.000084		
						VCV zz (m²)	0.000138		
Initialization	event: RTK not i	nitialized							
GPS week		Seconds	386549	Initializati on type	On the fly	Survey type	Real-time		
Initialization GPS week	event: RTK initia	alized Seconds	386562	Initializati	On the fly	Survey	Real-time		<u> </u>
				on type		type			
Initialization	event: RTK not i	nitialized							
GPS week	2382	Seconds		Initializati on type	On the fly	Survey type	Real-time		
	event: RTK initia			Ι		Ι		I	<u> </u>
GPS week	2382	Seconds		Initializati on type	On the fly	Survey type	Real-time		
Point	28	ΔΧ	184.973	ΔΥ	233.189	ΔΖ	-843.273	Code	PN
		Method	RTK	Туре	Topo point	Search class	Normal		
Antenna height	2.000		Uncorrected	(DRMS)		Vt Prec (1 sigma)	0.042		
QC 1		PDOP		GDOP		HDOP		VDOP	1.1
		Base data age		Satellites		Positions used	6		
QC 2		VCV xx (m²)	0.000388	(m²)	0.000360	(m²)	0.000144		
				VCV yy (m²)	0.001485	(m²)	0.000475		
						VCV zz (m²)	0.000337		

Initialization event: RTK not initialized

GPS week	2382	Seconds	386795	Initializati	On the fly		Real-time	
				on type		type		
nitialization even	nt: RTK initia	alized						
GPS week	2382	Seconds	386796	Initializati	On the fly	Survev	Real-time	
				on type		type		
I		I				1	<u> </u>	l .
nitialization even	nt: PTK not i	nitializad						
GPS week		Seconds	206042	Initializati	On the fly	Curvov	Real-time	
GF3 Week	2302	Seconds	300042	on type	-	type	Real-tillle	
				on type		турс		
nitialization even						1		,
GPS week	2382	Seconds	386846	Initializati	On the fly	-	Real-time	
				on type		type		
Initialization even	nt: RTK not i	nitialized						
Initialization even			387028	Initializati	On the fly	Survey	Real-time	
		nitialized Seconds	387028	Initializati on type	On the fly	Survey type	Real-time	
			387028				Real-time	
			387028				Real-time	
GPS week	2382	Seconds	387028				Real-time	
GPS week	2382 nt: RTK initia	Seconds		on type		type		
GPS week	2382 nt: RTK initia	Seconds		on type	On the fly	type Survey	Real-time Real-time	
GPS week	2382 nt: RTK initia	Seconds		on type	On the fly	type		
GPS week	2382 nt: RTK initia	Seconds		on type	On the fly	type Survey		
GPS week	2382 nt: RTK initia	Seconds		on type	On the fly	type Survey		
GPS week	2382 nt: RTK initia	Seconds		on type	On the fly	type Survey		

## Reduced points

Point	RS_WARD	North	2124784.151	East	273463.294	Elevation	25.005	Code	BS
Point	1	North	2123556.825	East	273078.571	Elevation	9.240	Code	PN
Point	2	North	2123557.989	East	273074.753	Elevation	9.285	Code	PN
Point	3	North	2123589.360	East	273094.658	Elevation	9.442	Code	PN
Point	4	North	2123611.311	East	273113.466	Elevation	9.456	Code	PN
Point	5	North	2123622.683	East	273128.265	Elevation	9.579	Code	PN
Point	6	North	2123651.525	East	273172.140	Elevation	9.578	Code	PN-Damage
Point	7	North	2123657.883	East	273201.209	Elevation	9.527	Code	PN
Point	8	North	2123660.848	East	273215.477	Elevation	9.225	Code	PN flot
Point	9	North	2123648.166	East	273218.678	Elevation	9.216	Code	PN
Point	10	North	2123624.142	East	273220.851	Elevation	9.320	Code	PN
Point	11	North	2123664.324	East	273238.084	Elevation	9.446	Code	PN
Point	12	North	2123664.554	East	273239.268	Elevation	9.552	Code	PN-VS-FLOT
Point	13	North	2123689.762	East	273245.439	Elevation	13.138	Code	PN-FLOT
Point	14	North	2123693.719	East	273274.284	Elevation	9.783	Code	PN
Point	15	North	2123750.244	East	273209.745	Elevation	9.458	Code	PN
Point	16	North	2123779.952	East	273206.514	Elevation	9.055	Code	PN
Point	17	North	2123810.539	East	273203.054	Elevation	8.845	Code	PN

Point	18	North	2123840.967	East	273199.222	Elevation	8.530	Code	PN
Point	19	North	2123820.537	East	273329.484	Elevation	9.790	Code	PN
Point	20	North	2123797.282	East	273316.061	Elevation	22.104	Code	PN-FLOT
Point	21	North	2123759.749	East	273323.012	Elevation	9.486	Code	PN-NOT- OPEN-FLOT
Point	22	North	2123748.434	East	273303.324	Elevation	9.756	Code	PN
Point	23	North	2123740.497	East	273273.783	Elevation	9.838	Code	PN
Point	24	North	2123731.946	East	273242.576	Elevation	9.857	Code	PN
Point	25	North	2123859.991	East	273355.319	Elevation	9.306	Code	PN
Point	26	North	2123868.078	East	273344.285	Elevation	9.033	Code	PN
Point	27	North	2123927.455	East	273343.627	Elevation	8.685	Code	PN
Point	28	North	2123897.754	East	273344.328	Elevation	9.194	Code	PN