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SC V10-70      Copyright © Trimble Navigation Ltd, 1996-2003
              Serial no 2231      16-Sep-09 16:06
              Angle Degrees      Dist US Feet      Press inch Hg
              Temp Fahrenheit     Coord N-E-Elv      H.obs Right

JOB           Job ID 091609SD_ASB
              Atmos crn Yes      C and R crn Yes      Refrac cnst 0.14
              Elev Yes           Sea level crn No

NOTE        TS Time Date 06/12/2009 Time 20:59:47

COGO        NM Azmth      From North      Dir      North-East

SITE        TM Prj Lat   36°03'01.84216"N      Nrth Offset 0.000
              Prj Lng   114°59'53.92840"W      East Offset 0.000
              Prj Hgt   1648.363          Scale      1.0000786812

SHFTGRD     TM File name <no text>

PROJ        TM Transverse Mercator
              Orig Lat   36°03'01.84216"N      Orig Nrth 18483.918
              Orig Lng   114°59'53.92840"W      Orig East 19186.597
              Orig Hgt   0.000          Orig Elev 0.000
              Orient 1   0°00'00"          Orient 2   0°00'00"
              Scale      1.0000000000

COORD       NM System Name      Projection from data collector
              Zone Name      Zone from data collector
              Datum Name      (WGS 84)
              Coord System Option Chosen from library

LOCELL      TM Local Rad 20925604.474          Flat.      298.2572229329

DATUM       TM Molodensky
              Srce Rad 20925604.474          Srce Flat 298.2572235630
              Rotn X   0°00'00"          Rotn Y   0°00'00"
              Rotn Z   0°00'00"          Trans X   0.000
              Trans Y   0.000          Trans Z   0.000
              Scale      0.000000000

COGO        NM Azmth      From North      Dir      North-East

PLANE       TM Orig Nrth 18728.937          Orig East 15068.999
              Trans N   -24.769          Trans E   -1.419
              Rotation  -0°20'39.273751"      Scale      1.000000000

HGTADJ      TM Inclined Plane
              Orig Nrth 18483.893          Slope N   -1.180
              Orig East 19186.576          Slope E   4.045
              Hgt Const 95.308
              Geoid     <no text>

COORD       NM System Name      <no text>
              Zone Name      <no text>
              Datum Name      <no text>
              Coord System Option Keyed in

NOTE        TS Time Date 08/11/2009 Time 10:36:07

F FILE      FC File           Used      No
              ID           00000          Name

NOTE        TS Time Date 09/16/2009 Time 07:47:58

INSTR       NM EDM           VX & S Series
              Serial no 10847          Firmware R11.0.76
              Mount     Not Applic      Edm o/s <null>
              J Constant 273.9420092103      N Constant 105.675
              H.col     0°00'00"          V.col     0°00'00.972"

PRECIS      NM HA Prec   0°00'03"          EDM Prec 0.010
              VA Prec   0°00'03"          EDM (ppm) 2

ATMOS       NM Press     28.13          Temp     90.0
              Refrac cnst 0.142          PPM      <null>

STN         NM ID           CP429          Theo ht 4.860
              Scale     1.000000000          Type     Fixed

BKB         NM CP429          -             CP430
              Azmth     <null>
              Face 1    0°00'00"          Face 2    <null>

TRGET       NM Target ht 7.000          P.C. mm 2.0
              Prism Off 0.000

OBS         F1 CP429          -             CP430
              H.Angle   0°00'00"          H.Std Err 0°00'02.838"
              V.Angle   89°58'07.066"      V.Std Err 0°00'01.342"
              EDM Dist  602.344          S.Std Err 0.005
              Code      60D           Class     Backsight

POLAR D     F1 Azmth     <null>          H.Dist   0.020
              V.Dist   0.034

OBS         F1 CP429          -             300000
              H.Angle   0°00'04.212"      H.Std Err 0°00'03"
              V.Angle   89°58'00.457"      V.Std Err 0°00'03"
              EDM Dist  602.337          S.Std Err 0.011
              Code      CP430          Class     Stake out

PT DGN      SO Name      CP430          To the Point
    
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GRID	D	SO	Delta N	0.030	Delta E	0.002
			Delta Elv	0.014		
OBS		F1	CP429		-	300001
			H.Angle	350°20'08.362"	H.Std Err	0°00'03.762"
			V.Angle	91°51'53.411"	V.Std Err	0°00'01.342"
			EDM Dist	382.713	S.Std Err	0.005
			Code	EDGE OUT	Class	Normal
OBS		F1	CP429		-	300002
			H.Angle	350°06'02.333"	H.Std Err	0°00'04.636"
			V.Angle	91°43'28.383"	V.Std Err	0°00'01.342"
			EDM Dist	382.724	S.Std Err	0.012
			Code	EDGE OUT	Class	Normal
OBS		F1	CP429		-	300003
			H.Angle	347°32'52.85"	H.Std Err	0°00'02.354"
			V.Angle	90°58'19.307"	V.Std Err	0°00'01.342"
			EDM Dist	383.690	S.Std Err	0.009
			Code	EDGE OUT	Class	Normal
OBS		F1	CP429		-	300004
			H.Angle	347°28'09.48"	H.Std Err	0°00'03.854"
			V.Angle	90°57'47.237"	V.Std Err	0°00'01.342"
			EDM Dist	384.013	S.Std Err	0.011
			Code	EDGE OUT	Class	Normal
OBS		F1	CP429		-	300005
			H.Angle	348°51'53.748"	H.Std Err	0°00'03.082"
			V.Angle	90°54'29.724"	V.Std Err	0°00'01.342"
			EDM Dist	403.696	S.Std Err	0.008
			Code	EDGE OUT	Class	Normal
OBS		F1	CP429		-	300006
			H.Angle	348°56'44.57"	H.Std Err	0°00'02.107"
			V.Angle	90°54'40.543"	V.Std Err	0°00'01.342"
			EDM Dist	403.402	S.Std Err	0.005
			Code	EDGE OUT	Class	Normal
OBS		F1	CP429		-	300007
			H.Angle	350°40'26.861"	H.Std Err	0°00'03.331"
			V.Angle	91°42'01.848"	V.Std Err	0°00'01.342"
			EDM Dist	391.292	S.Std Err	0.010
			Code	EDGE OUT	Class	Normal
OBS		F1	CP429		-	300008
			H.Angle	350°48'55.217"	H.Std Err	0°00'04.183"
			V.Angle	91°49'31.028"	V.Std Err	0°00'01.342"
			EDM Dist	390.424	S.Std Err	0.013
			Code	EDGE OUT	Class	Normal
OBS		F1	CP429		-	300009
			H.Angle	350°46'12.893"	H.Std Err	0°00'03.589"
			V.Angle	91°49'54.221"	V.Std Err	0°00'01.342"
			EDM Dist	389.849	S.Std Err	0.005
			Code	EDGE IN	Class	Normal
OBS		F1	CP429		-	300010
			H.Angle	350°39'46.296"	H.Std Err	0°00'05.714"
			V.Angle	91°43'43.501"	V.Std Err	0°00'01.342"
			EDM Dist	390.792	S.Std Err	0.018
			Code	EDGE IN	Class	Normal
OBS		F1	CP429		-	300011
			H.Angle	348°54'15.142"	H.Std Err	0°00'01.513"
			V.Angle	90°54'34.776"	V.Std Err	0°00'01.342"
			EDM Dist	402.957	S.Std Err	0.011
			Code	EDGE IN	Class	Normal
OBS		F1	CP429		-	300012
			H.Angle	347°33'48.254"	H.Std Err	0°00'02.793"
			V.Angle	90°58'01.75"	V.Std Err	0°00'01.342"
			EDM Dist	384.121	S.Std Err	0.007
			Code	EDGE IN	Class	Normal
NOTE		TS	Time Date	09/16/2009	Time	08:18:22
OBS		F1	CP429		-	300013
			H.Angle	350°05'52.354"	H.Std Err	0°00'05.09"
			V.Angle	91°43'31.753"	V.Std Err	0°00'01.342"
			EDM Dist	383.264	S.Std Err	0.016
			Code	EDGE IN	Class	Normal
OBS		F1	CP429		-	300014
			H.Angle	350°21'27.547"	H.Std Err	0°00'02.666"
			V.Angle	91°51'28.405"	V.Std Err	0°00'01.342"
			EDM Dist	383.385	S.Std Err	0.007
			Code	EDGE IN	Class	Normal
OBS		F1	CP429		-	300015
			H.Angle	350°22'00.854"	H.Std Err	0°00'01.342"
			V.Angle	91°51'35.337"	V.Std Err	0°00'01.342"
			EDM Dist	383.428	S.Std Err	0.005
			Code	EDGE FLOOR	Class	Normal
OBS		F1	CP429		-	300016
			H.Angle	348°03'33.43"	H.Std Err	0°00'01.342"
			V.Angle	91°54'44.801"	V.Std Err	0°00'01.342"
			EDM Dist	390.336	S.Std Err	0.005
			Code	EDGE FLOOR	Class	Normal

OBS	F1	CP429		-	300017
		H.Angle	348°31'36.221"	H.Std Err	0°00'01.342"
		V.Angle	91°53'19.947"	V.Std Err	0°00'01.342"
		EDM Dist	396.991	S.Std Err	0.005
		Code	EDGE FLOOR	Class	Normal
OBS	F1	CP429		-	300018
		H.Angle	350°46'20.798"	H.Std Err	0°00'01.342"
		V.Angle	91°49'48.131"	V.Std Err	0°00'01.342"
		EDM Dist	389.809	S.Std Err	0.009
		Code	EDGE FLOOR	Class	Normal
OBS	F1	CP429		-	300019
		H.Angle	350°35'42.13"	H.Std Err	0°00'04.863"
		V.Angle	91°50'46.432"	V.Std Err	0°00'01.342"
		EDM Dist	386.888	S.Std Err	0.006
		Code	EDGE FLOOR	Class	Normal
OBS	F1	CP429		-	300020
		H.Angle	349°12'59.681"	H.Std Err	0°00'05.874"
		V.Angle	91°53'02.035"	V.Std Err	0°00'01.342"
		EDM Dist	386.814	S.Std Err	0.009
		Code	EDGE FLOOR	Class	Normal
OBS	F1	CP429		-	300021
		H.Angle	349°37'46.063"	H.Std Err	0°00'03.746"
		V.Angle	91°51'37.245"	V.Std Err	0°00'01.342"
		EDM Dist	393.141	S.Std Err	0.005
		Code	EDGE FLOOR	Class	Normal
OBS	F1	CP429		-	300022
		H.Angle	348°16'21.893"	H.Std Err	0°00'04.709"
		V.Angle	91°54'30.039"	V.Std Err	0°00'01.342"
		EDM Dist	393.563	S.Std Err	0.012
		Code	EDGE FLOOR	Class	Normal
OBS	F1	CP429		-	300023
		H.Angle	348°17'12.761"	H.Std Err	0°00'01.342"
		V.Angle	91°49'50.733"	V.Std Err	0°00'01.342"
		EDM Dist	393.724	S.Std Err	0.005
		Code	FL 60IN PIPE	Class	Normal
TRGET	NM	Target ht	11.000	P.C. mm	2.0
		Prism Off	0.000		
OBS	F1	CP429		-	300024
		H.Angle	340°56'19.392"	H.Std Err	0°00'03"
		V.Angle	90°17'41.248"	V.Std Err	0°00'03"
		EDM Dist	399.278	S.Std Err	0.011
		Code	CP432	Class	Stake out
PT DGN	SO	Name	CP432	To the Point	
GRID D	SO	Delta N	-0.038	Delta E	0.057
		Delta Elv	0.019		
NOTE	TS	Time Date	09/16/2009 Time 08:49:28		
OBS	F1	CP429		-	300025
		H.Angle	340°41'15.108"	H.Std Err	0°00'07.212"
		V.Angle	90°17'15.525"	V.Std Err	0°00'01.342"
		EDM Dist	395.618	S.Std Err	0.010
		Code	CONC COR	Class	Normal
OBS	F1	CP429		-	300026
		H.Angle	340°52'35.119"	H.Std Err	0°00'04.486"
		V.Angle	90°18'08.655"	V.Std Err	0°00'01.342"
		EDM Dist	402.690	S.Std Err	0.010
		Code	CONC COR	Class	Normal
OBS	F1	CP429		-	300027
		H.Angle	341°58'54.617"	H.Std Err	0°00'04.703"
		V.Angle	90°18'24.074"	V.Std Err	0°00'01.342"
		EDM Dist	401.605	S.Std Err	0.012
		Code	CONC COR	Class	Normal
OBS	F1	CP429		-	300028
		H.Angle	341°48'45.043"	H.Std Err	0°00'05.811"
		V.Angle	90°17'45.781"	V.Std Err	0°00'01.342"
		EDM Dist	394.288	S.Std Err	0.007
		Code	CONC COR	Class	Normal
OBS	F1	CP429		-	300029
		H.Angle	341°20'01.169"	H.Std Err	0°00'05.734"
		V.Angle	90°18'11.245"	V.Std Err	0°00'01.342"
		EDM Dist	399.631	S.Std Err	0.013
		Code	RIM N	Class	Normal
OBS	F1	CP429		-	300030
		H.Angle	341°16'35.04"	H.Std Err	0°00'01.714"
		V.Angle	90°17'49.799"	V.Std Err	0°00'01.342"
		EDM Dist	397.558	S.Std Err	0.024
		Code	RIM S	Class	Normal
OBS	F1	CP429		-	300031
		H.Angle	341°08'09.924"	H.Std Err	0°00'04.553"
		V.Angle	90°17'53.363"	V.Std Err	0°00'01.342"
		EDM Dist	398.753	S.Std Err	0.007
		Code	RIM W	Class	Normal

OBS	F1	CP429		-	300032
		H.Angle	341°26'14.417"	H.Std Err	0°00'06.693"
		V.Angle	90°18'02.757"	V.Std Err	0°00'01.342"
		EDM Dist	398.447	S.Std Err	0.010
		Code	RIM E	Class	Normal
OBS	F1	CP429		-	300033
		H.Angle	341°17'39.322"	H.Std Err	0°00'04.234"
		V.Angle	90°17'54.464"	V.Std Err	0°00'01.342"
		EDM Dist	398.632	S.Std Err	0.005
		Code	RIM CTR	Class	Normal
NOTE	TS	Time Date	09/16/2009	Time	09:52:12
TRGET	NM	Target ht	0.100	P.C. mm	2.0
		Prism Off	0.000		
OBS	F1	CP429		-	300034
		H.Angle	138°00'37.217"	H.Std Err	0°00'01.342"
		V.Angle	91°00'29.267"	V.Std Err	0°00'01.342"
		EDM Dist	344.528	S.Std Err	0.005
		Code	TOP COR HW	Class	Normal
OBS	F1	CP429		-	300035
		H.Angle	137°59'53.801"	H.Std Err	0°00'01.342"
		V.Angle	91°00'13.33"	V.Std Err	0°00'01.342"
		EDM Dist	345.055	S.Std Err	0.005
		Code	TOP COR HW	Class	Normal
OBS	F1	CP429		-	300036
		H.Angle	140°32'08.398"	H.Std Err	0°00'01.342"
		V.Angle	90°59'49.297"	V.Std Err	0°00'01.342"
		EDM Dist	346.322	S.Std Err	0.005
		Code	TOP COR HW	Class	Normal
OBS	F1	CP429		-	300037
		H.Angle	140°31'16.363"	H.Std Err	0°00'01.342"
		V.Angle	90°59'26.687"	V.Std Err	0°00'01.342"
		EDM Dist	346.896	S.Std Err	0.005
		Code	TOP COR HW	Class	Normal
TRGET	NM	Target ht	7.000	P.C. mm	2.0
		Prism Off	0.000		
OBS	F1	CP429		-	300038
		H.Angle	138°01'42.6"	H.Std Err	0°00'05.035"
		V.Angle	90°50'34.322"	V.Std Err	0°00'01.342"
		EDM Dist	343.803	S.Std Err	0.008
		Code	COR LEDGE	Class	Normal
OBS	F1	CP429		-	300039
		H.Angle	140°32'01.334"	H.Std Err	0°00'01.342"
		V.Angle	90°49'30.769"	V.Std Err	0°00'01.342"
		EDM Dist	345.865	S.Std Err	0.012
		Code	COR LEDGE	Class	Normal
OBS	F1	CP429		-	300040
		H.Angle	139°17'09.982"	H.Std Err	0°00'02.557"
		V.Angle	90°49'54.349"	V.Std Err	0°00'01.342"
		EDM Dist	344.570	S.Std Err	0.005
		Code	EDGE LEDGE	Class	Normal
TRGET	NM	Target ht	0.100	P.C. mm	2.0
		Prism Off	0.000		
OBS	F1	CP429		-	300041
		H.Angle	139°17'12.638"	H.Std Err	0°00'01.342"
		V.Angle	91°46'19.112"	V.Std Err	0°00'01.342"
		EDM Dist	345.492	S.Std Err	0.005
		Code	FL PIPE REPAIR	Class	Normal
TRGET	NM	Target ht	7.000	P.C. mm	2.0
		Prism Off	0.000		
OBS	F1	CP429		-	300042
		H.Angle	126°02'41.028"	H.Std Err	0°00'03"
		V.Angle	88°07'18.768"	V.Std Err	0°00'03"
		EDM Dist	461.737	S.Std Err	0.011
		Code	CP426	Class	Stake out
PT DGN	SO	Name	CP426	To the Point	
GRID D	SO	Delta N	0.011	Delta E	0.043
		Delta Elv	0.034		
NOTE	TS	Time Date	09/16/2009	Time	10:41:34
INSTR	NM	EDM	VX & S Series	Firmware	R11.0.76
		Serial no	10847	Edm o/s	<null>
		Mount	Not Applic	N Constant	105.675
		J Constant	273.9420092103	V.col	0°00'00.972"
		H.col	0°00'00"		
PRECIS	NM	HA Prec	0°00'03"	EDM Prec	0.010
		VA Prec	0°00'03"	EDM (ppm)	2
AIMOS	NM	Press	28.13	Temp	90.0
		Refrac cnst	0.142	PPM	<null>
STN	NM	ID	CP426	Theo ht	5.290
		Scale	1.0000000000	Type	Fixed

BKB	NM	CP426		-	CP429
		Azmth	<null>		
		Face 1	0°00'00"	Face 2	<null>
TRGET	NM	Target ht	4.690	P.C. mm	0.0
		Prism Off	0.000		
OBS	F1	CP426		-	CP429
		H.Angle	0°00'00"	H.Std Err	0°00'01.342"
		V.Angle	91°41'28.219"	V.Std Err	0°00'01.342"
		EDM Dist	461.678	S.Std Err	0.005
		Code	X MON WELL	Class	Backsight
POLAR D	F1	Azmth	<null>	H.Dist	0.028
				V.Dist	-0.011
TRGET	NM	Target ht	7.000	P.C. mm	2.0
		Prism Off	0.000		
OBS	F1	CP426		-	300043
		H.Angle	283°25'56.158"	H.Std Err	0°00'11.981"
		V.Angle	93°35'45.072"	V.Std Err	0°00'01.342"
		EDM Dist	91.234	S.Std Err	0.004
		Code	SDMH1 RIM EAST	Class	Normal
OBS	F1	CP426		-	300044
		H.Angle	284°00'52.114"	H.Std Err	0°00'25.069"
		V.Angle	93°32'47.891"	V.Std Err	0°00'01.342"
		EDM Dist	92.355	S.Std Err	0.007
		Code	SDMH1 RIM NORTH	Class	Normal
OBS	F1	CP426		-	300045
		H.Angle	283°23'46.817"	H.Std Err	0°00'11.133"
		V.Angle	93°30'02.99"	V.Std Err	0°00'01.342"
		EDM Dist	93.288	S.Std Err	0.007
		Code	SDMH1 RIM WEST	Class	Normal
OBS	F1	CP426		-	300046
		H.Angle	282°44'52.332"	H.Std Err	0°00'15.765"
		V.Angle	93°31'58.954"	V.Std Err	0°00'03.161"
		EDM Dist	92.516	S.Std Err	0.017
		Code	SDMH1 RIM SOUTH	Class	Normal
OBS	F1	CP426		-	300047
		H.Angle	283°21'51.602"	H.Std Err	0°00'31.212"
		V.Angle	93°34'10.248"	V.Std Err	0°00'01.342"
		EDM Dist	92.257	S.Std Err	0.004
		Code	SDMH1 CTR	Class	Normal
NOTE	TS	Time Date	09/16/2009 Time 11:12:27		
OBS	F1	CP426		-	300048
		H.Angle	236°01'22.807"	H.Std Err	0°00'25.794"
		V.Angle	93°55'20.669"	V.Std Err	0°00'01.348"
		EDM Dist	75.566	S.Std Err	0.004
		Code	SDMH2 RIM NORTH	Class	Normal
OBS	F1	CP426		-	300049
		H.Angle	235°20'50.215"	H.Std Err	0°00'15.522"
		V.Angle	93°47'43.028"	V.Std Err	0°00'03.772"
		EDM Dist	77.425	S.Std Err	0.016
		Code	SDMH2 RIM SOUTH	Class	Normal
OBS	F1	CP426		-	300050
		H.Angle	236°21'27.828"	H.Std Err	0°00'27.543"
		V.Angle	93°49'44.879"	V.Std Err	0°00'02.005"
		EDM Dist	77.014	S.Std Err	0.014
		Code	SDMH2 RIM WEST	Class	Normal
OBS	F1	CP426		-	300051
		H.Angle	234°53'28.896"	H.Std Err	0°00'32.37"
		V.Angle	93°52'12.897"	V.Std Err	0°00'02.606"
		EDM Dist	76.272	S.Std Err	0.015
		Code	SDMH2 RIM EAST	Class	Normal
OBS	F1	CP426		-	300052
		H.Angle	235°40'33.982"	H.Std Err	0°00'26.648"
		V.Angle	93°52'31.323"	V.Std Err	0°00'01.467"
		EDM Dist	76.516	S.Std Err	0.012
		Code	SDMH2 RIM CTR	Class	Normal
INSTR	NM	EDM	VX & S Series	Firmware	R11.0.76
		Serial no	10847	Edm o/s	<null>
		Mount	Not Applic	N Constant	105.675
		J Constant	273.9420092103	V.col	0°00'00.972"
		H.col	0°00'00"		
PRECIS	NM	HA Prec	0°00'03"	EDM Prec	0.010
		VA Prec	0°00'03"	EDM (ppm)	2
TRGET	NM	Target ht	0.000	P.C. mm	0.0
		Prism Off	0.000		
OBS	F1	CP426		-	CP470
		H.Angle	110°54'51.476"	H.Std Err	0°00'01.764"
		V.Angle	89°35'04.999"	V.Std Err	0°00'01.191"
		EDM Dist	707.198	S.Std Err	0.004
		Code	60D	Class	Del normal
NOTE	NM	Deleted	11:40:20 AM 9/16/2009		

OBS F2 CP426
 H.Angle 290°54'58.475"
 V.Angle 270°25'08.803"
 EDM Dist 707.199
 Code 60D
 - CP470
 H.Std Err 0°00'01.002"
 V.Std Err 0°00'01.636"
 S.Std Err 0.004
 Class Del normal

NOTE NM Deleted 11:40:25 AM 9/16/2009

MTA MA ID CP470
 H.Angle 110°54'54.976"
 V.Angle 89°34'58.098"
 S.Dist 707.198
 Angles 2
 Distances 2
 Code 60D
 H.Std Err <null>
 V.Std Err <null>
 S.Std Err <null>
 BS Pt ID CP429

TRGET NM Target ht 5.180
 Prism Off 0.000
 P.C. mm 2.0

OBS F1 CP426
 H.Angle 110°54'49.5"
 V.Angle 89°35'07.569"
 EDM Dist 707.221
 Code 60D
 - CP471
 H.Std Err 0°00'00.949"
 V.Std Err 0°00'00.949"
 S.Std Err 0.004
 Class Normal

NOTE TS Time Date 09/16/2009 Time 11:43:00

OBS F2 CP426
 H.Angle 290°54'56.012"
 V.Angle 270°25'09.374"
 EDM Dist 707.215
 Code 60D
 - CP471
 H.Std Err 0°00'00.949"
 V.Std Err 0°00'01.173"
 S.Std Err 0.004
 Class Normal

MTA MA ID CP471
 H.Angle 110°54'52.756"
 V.Angle 89°34'59.098"
 S.Dist 707.218
 Angles 2
 Distances 2
 Code 60D
 H.Std Err <null>
 V.Std Err <null>
 S.Std Err <null>
 BS Pt ID CP429

INSTR NM EDM VX & S Series
 Serial no 10847
 Mount Not Applic
 J Constant 273.9420092103
 H.col 0°00'00"
 Firmware R11.0.76
 Edm o/s <null>
 N Constant 105.675
 V.col 0°00'00.972"

PRECIS NM HA Prec 0°00'03"
 VA Prec 0°00'03"
 EDM Prec 0.010
 EDM (ppm) 2

ATMOS NM Press 28.10
 Refrac cnst 0.142
 Temp 90.0
 PPM <null>

SIN NM ID CP471
 Scale 1.000000000
 Theo ht 5.045
 Type Fixed

BKB NM CP471
 Azmth <null>
 Face 1 0°00'00"
 - CP426
 Face 2 <null>

TRGET NM Target ht 5.050
 Prism Off 0.000
 P.C. mm 0.0

OBS F1 CP471
 H.Angle 0°00'00"
 V.Angle 90°25'33.816"
 EDM Dist 707.223
 Code 60D
 - CP426
 H.Std Err 0°00'01.342"
 V.Std Err 0°00'01.342"
 S.Std Err 0.005
 Class Backsight

POLAR D F1 Azmth <null>
 H.Dist 0.002
 V.Dist -0.013

NOTE TS Time Date 09/16/2009 Time 12:33:37

TRGET NM Target ht 7.000
 Prism Off 0.000
 P.C. mm 2.0

OBS F1 CP471
 H.Angle 346°01'59.412"
 V.Angle 91°17'16.599"
 EDM Dist 378.854
 Code SSMH3 RIM NORTH
 - 300053
 H.Std Err 0°00'03"
 V.Std Err 0°00'03"
 S.Std Err 0.011
 Class Normal

OBS F1 CP471
 H.Angle 345°44'00.168"
 V.Angle 91°17'11.093"
 EDM Dist 379.282
 Code SSMH3 RIM SOUTH
 - 300054
 H.Std Err 0°00'03"
 V.Std Err 0°00'03"
 S.Std Err 0.011
 Class Normal

OBS F1 CP471
 H.Angle 345°54'35.662"
 V.Angle 91°16'48.872"
 EDM Dist 380.105
 Code SSMH3 RIM WEST
 - 300055
 H.Std Err 0°00'03.237"
 V.Std Err 0°00'01.53"
 S.Std Err 0.006
 Class Normal

OBS F1 CP471
 H.Angle 345°50'17.11"
 V.Angle 91°17'29.167"
 EDM Dist 378.053
 Code SSMH3 RIM EAST
 - 300056
 H.Std Err 0°00'01.342"
 V.Std Err 0°00'01.342"
 S.Std Err 0.005
 Class Normal

OBS	F1	CP471	-	300057
		H.Angle	300°37'37.2"	H.Std Err 0°00'10.833"
		V.Angle	92°36'11.985"	V.Std Err 0°00'01.342"
		EDM Dist	148.640	S.Std Err 0.010
		Code	SDMH4 RIM SOUTH	Class Normal
OBS	F1	CP471	-	300058
		H.Angle	300°48'36.929"	H.Std Err 0°00'01.342"
		V.Angle	92°39'03.117"	V.Std Err 0°00'01.342"
		EDM Dist	146.669	S.Std Err 0.005
		Code	SDMH4 RIM NORTH	Class Normal
OBS	F1	CP471	-	300059
		H.Angle	300°21'53.647"	H.Std Err 0°00'01.342"
		V.Angle	92°37'49.363"	V.Std Err 0°00'01.342"
		EDM Dist	147.343	S.Std Err 0.005
		Code	SDMH4 RIM EAST	Class Normal
OBS	F1	CP471	-	300060
		H.Angle	301°08'45.643"	H.Std Err 0°00'05.476"
		V.Angle	92°37'21.982"	V.Std Err 0°00'01.342"
		EDM Dist	147.927	S.Std Err 0.006
		Code	SDMH4 RIM WEST	Class Normal
OBS	F1	CP471	-	300061
		H.Angle	300°44'36.132"	H.Std Err 0°00'01.342"
		V.Angle	92°38'33.093"	V.Std Err 0°00'01.342"
		EDM Dist	147.678	S.Std Err 0.005
		Code	SDMH4 CTR	Class Normal
INSTR	NM	EDM	VX & S Series	
		Serial no	10847	Firmware R11.0.76
		Mount	Not Applic	Edm o/s <null>
		J Constant	273.9420092103	N Constant 105.675
		H.col	0°00'00"	V.col 0°00'00.972"
PRECIS	NM	HA Prec	0°00'03"	EDM Prec 0.010
		VA Prec	0°00'03"	EDM (ppm) 2
TRGET	NM	Target ht	8.500	P.C. mm 2.0
		Prism Off	0.000	
OBS	F1	CP471	-	CP472
		H.Angle	196°37'16.19"	H.Std Err 0°00'00.968"
		V.Angle	90°29'46.756"	V.Std Err 0°00'01.133"
		EDM Dist	590.104	S.Std Err 0.003
		Code	60D	Class Normal
OBS	F2	CP471	-	CP472
		H.Angle	16°37'23.318"	H.Std Err 0°00'01.027"
		V.Angle	269°30'21.797"	V.Std Err 0°00'02.567"
		EDM Dist	590.088	S.Std Err 0.003
		Code	60D	Class Normal
MTA	MA	ID	CP472	Code 60D
		H.Angle	196°37'19.754"	H.Std Err <null>
		V.Angle	90°29'42.48"	V.Std Err <null>
		S.Distance	590.096	S.Std Err <null>
		Angles	2	BS Pt ID CP426
		Distances	2	
NOTE	TS	Time Date	09/16/2009 Time 13:28:35	
INSTR	NM	EDM	VX & S Series	
		Serial no	10847	Firmware R11.0.76
		Mount	Not Applic	Edm o/s <null>
		J Constant	273.9420092103	N Constant 105.675
		H.col	0°00'00"	V.col 0°00'00.972"
PRECIS	NM	HA Prec	0°00'03"	EDM Prec 0.010
		VA Prec	0°00'03"	EDM (ppm) 2
AIMOS	NM	Press	28.08	Temp 90.0
		Refrac cnst	0.142	PPM <null>
STN	NM	ID	CP472	Theo ht 4.880
		Scale	1.0000000000	Type Fixed
BKB	NM	CP472	-	CP471
		Azmth	<null>	
		Face 1	0°00'00"	Face 2 <null>
TRGET	NM	Target ht	8.860	P.C. mm 0.0
		Prism Off	0.000	
OBS	F1	CP472	-	CP471
		H.Angle	0°00'00"	H.Std Err 0°00'01.342"
		V.Angle	88°47'16.174"	V.Std Err 0°00'01.564"
		EDM Dist	590.211	S.Std Err 0.005
		Code	60D	Class Backsight
POLAR D	F1	Azmth	<null>	H.Distance 0.002
				V.Distance 0.034
TRGET	NM	Target ht	7.000	P.C. mm 2.0
		Prism Off	0.000	
OBS	F1	CP472	-	300062
		H.Angle	329°21'24.415"	H.Std Err 0°00'02.273"
		V.Angle	89°18'02.692"	V.Std Err 0°00'01.342"
		EDM Dist	267.153	S.Std Err 0.010
		Code	SDMH5 RIM SOUTH	Class Normal

OBS	F1	CP472		-	300063
		H.Angle	329°40'05.65"	H.Std Err	0°00'01.342"
		V.Angle	89°18'04.051"	V.Std Err	0°00'01.674"
		EDM Dist	267.668	S.Std Err	0.005
		Code	SDMH5 RIM WEST	Class	Normal
OBS	F1	CP472		-	300064
		H.Angle	329°26'10.961"	H.Std Err	0°00'01.342"
		V.Angle	89°18'06.129"	V.Std Err	0°00'01.342"
		EDM Dist	265.840	S.Std Err	0.005
		Code	SDMH5 RIM EAST	Class	Normal
OBS	F1	CP472		-	300065
		H.Angle	329°46'29.978"	H.Std Err	0°00'03.67"
		V.Angle	89°18'03.212"	V.Std Err	0°00'01.344"
		EDM Dist	266.512	S.Std Err	0.005
		Code	SDMH5 RIM NORTH	Class	Normal
OBS	F1	CP472		-	300066
		H.Angle	329°33'34.193"	H.Std Err	0°00'06.542"
		V.Angle	89°18'34.308"	V.Std Err	0°00'02.117"
		EDM Dist	266.710	S.Std Err	0.008
		Code	SDMH5 RIM CTR	Class	Normal
OBS	F1	CP472		-	300067
		H.Angle	345°12'41.875"	H.Std Err	0°00'01.342"
		V.Angle	88°10'14.71"	V.Std Err	0°00'01.342"
		EDM Dist	75.724	S.Std Err	0.004
		Code	SDMH6 RIM SOUTH	Class	Normal
OBS	F1	CP472		-	300068
		H.Angle	345°55'42.406"	H.Std Err	0°00'02.309"
		V.Angle	88°10'41.047"	V.Std Err	0°00'01.342"
		EDM Dist	76.770	S.Std Err	0.004
		Code	SDMH6 RIM WEST	Class	Normal
OBS	F1	CP472		-	300069
		H.Angle	346°05'25.735"	H.Std Err	0°00'01.342"
		V.Angle	88°07'29.761"	V.Std Err	0°00'01.342"
		EDM Dist	74.700	S.Std Err	0.004
		Code	SDMH6 RIM EAST	Class	Normal
OBS	F1	CP472		-	300070
		H.Angle	346°45'55.541"	H.Std Err	0°00'18.258"
		V.Angle	88°08'44.257"	V.Std Err	0°00'01.438"
		EDM Dist	75.819	S.Std Err	0.008
		Code	SDMH6 RIM NORTH	Class	Normal
OBS	F1	CP472		-	300071
		H.Angle	346°01'24.031"	H.Std Err	0°00'23.442"
		V.Angle	88°11'30.523"	V.Std Err	0°00'01.979"
		EDM Dist	75.746	S.Std Err	0.016
		Code	SDMH6 RIM CTR	Class	Normal
NOTE	TS	Time Date	09/16/2009 Time 14:03:06		
TRGET	NM	Target ht	8.500	P.C. mm	2.0
		Prism Off	0.000		
OBS	F1	CP472		-	300072
		H.Angle	161°03'04.068"	H.Std Err	0°00'03"
		V.Angle	89°56'10.958"	V.Std Err	0°00'03"
		EDM Dist	589.835	S.Std Err	0.011
		Code	CP428	Class	Stake out
PT DGN	SO	Name	CP428	To the Point	
GRID D	SO	Delta N	-0.126	Delta E	-0.052
		Delta Elv	0.009		
OBS	F1	CP472		-	300073
		H.Angle	163°04'14.239"	H.Std Err	0°00'01.344"
		V.Angle	90°15'13.381"	V.Std Err	0°00'01.342"
		EDM Dist	358.109	S.Std Err	0.005
		Code	SDHW2 FL	Class	Normal
OBS	F1	CP472		-	300074
		H.Angle	164°15'55.469"	H.Std Err	0°00'12.406"
		V.Angle	89°35'58.985"	V.Std Err	0°00'01.342"
		EDM Dist	358.963	S.Std Err	0.011
		Code	CONC COR	Class	Normal
OBS	F1	CP472		-	300075
		H.Angle	164°17'32.798"	H.Std Err	0°00'13.479"
		V.Angle	89°35'46.74"	V.Std Err	0°00'01.342"
		EDM Dist	358.469	S.Std Err	0.008
		Code	CONC COR	Class	Normal
OBS	F1	CP472		-	300076
		H.Angle	161°52'42.276"	H.Std Err	0°00'07.11"
		V.Angle	89°35'43.049"	V.Std Err	0°00'01.342"
		EDM Dist	356.351	S.Std Err	0.005
		Code	CONC COR	Class	Normal
OBS	F1	CP472		-	300077
		H.Angle	161°52'13.44"	H.Std Err	0°00'03.421"
		V.Angle	89°35'58.015"	V.Std Err	0°00'01.495"
		EDM Dist	356.814	S.Std Err	0.016
		Code	CONC COR	Class	Normal

OBS	F1	CP472		-	300078
		H.Angle	166°20'17.318"	H.Std Err	0°00'06.682"
		V.Angle	89°21'33.95"	V.Std Err	0°00'01.342"
		EDM Dist	268.284	S.Std Err	0.006
		Code	SDMH7 RIM SOUTH	Class	Normal
OBS	F1	CP472		-	300079
		H.Angle	165°53'04.164"	H.Std Err	0°00'04.536"
		V.Angle	89°22'28.11"	V.Std Err	0°00'01.342"
		EDM Dist	268.244	S.Std Err	0.005
		Code	SDMH7 RIM NORTH	Class	Normal
OBS	F1	CP472		-	300080
		H.Angle	166°05'27.679"	H.Std Err	0°00'05.006"
		V.Angle	89°21'38.358"	V.Std Err	0°00'01.342"
		EDM Dist	267.154	S.Std Err	0.009
		Code	SDMH7 RIM WEST	Class	Normal
OBS	F1	CP472		-	300081
		H.Angle	166°06'22.5"	H.Std Err	0°00'01.467"
		V.Angle	89°22'25.646"	V.Std Err	0°00'01.342"
		EDM Dist	269.244	S.Std Err	0.006
		Code	SDMH7 RIM EAST	Class	Normal