



Date: December 13, 2021 **Time:** 21:09:39 UTC

Employee: CW

Job Name: CA Salton Sea

Point ID: GCP_014

State: California

Latitude: 32 44 00.00931

Longitude: -115 31 21.96793

Address and/or Intersection: Meridian St Cul-de-sac

OBSERVATION METHOD

<input type="radio"/>	VRS GNSS	H RMS:	V RMS:	Duration:		
<input checked="" type="radio"/>	STATIC GNSS	Start Time: 21:09:39 UTC	End Time: 23:40:34 UTC			
<input type="radio"/>	Conventional Pairs VRS	Point Number: _____	RMS: _____	H: _____	V: _____	Duration: _____
<input type="radio"/>	Conventional Pairs STATIC	Point Number: _____	RMS: _____	H: _____	V: _____	Duration: _____
<input type="radio"/>	Occupied Point	Pt.# / HT: _____ / _____	B.S	Pt.# / HT: _____ / _____	F.S.	Pt.# / HT: _____ / _____
<input type="radio"/>	Back Sight Point	Distance: _____	Vertical Angle: _____	Angle: _____		
<input type="radio"/>	F.S. Point	Angle: _____	Vertical Angle: _____	Slope Dist: _____	Horizontal Dist: _____	

TYPE OF SURFACE

<input checked="" type="checkbox"/>	PAVEMENT
<input type="checkbox"/>	VEGETATION
<input type="checkbox"/>	BARE SOIL
<input type="checkbox"/>	NGS CONTROL

Sketch or Image of Area



PICTURES

<input checked="" type="checkbox"/>	Photos of area & setup
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POINT RE-CHECK

Date: _____

Time: _____

Pt ID: _____

Description: _____



POINT ID: GCP_014

MONUMENT PHOTO



Control
GCP_014
Pavement



POINT ID: GCP_014

NORTH PHOTO



**Control
GCP_014
Pavement**



POINT ID: GCP_014

EAST PHOTO





POINT ID: GCP_014

SOUTH PHOTO





POINT ID: GCP_014

WEST PHOTO



**Control
GCP_014
Pavement**



RINEX FILE: c046347v.21o

TIME: 20:30:31 UTC

SOFTWARE: page5 2008.25 master292.pl 16032 START: 2021/12/13 21:10:00
 EPHEMERIS: igr21881.eph [rapid] STOP: 2021/12/13 23:40:00
 NAV FILE: brdc3470.21n OBS USED: 6248 / 6539 : 96%
 ANT NAME: TPSHIPER_SR NONE # FIXED AMB: 36 / 40 : 90%
 ARP HEIGHT: 02.000 OVERALL RMS: 0.013(m)

REF FRAME: NAD_83(2011)(EPOCH:2010.0000) ITRF2014 (EPOCH:2021.9505)

X: -2313982.139(m) 0.012(m) -2313983.225(m) 0.012(m)
 Y: -4846407.104(m) 0.022(m) -4846405.628(m) 0.022(m)
 Z: 3429097.652(m) 0.016(m) 3429097.555(m) 0.016(m)

LAT: 32 44 0.00931 0.019(m) 32 44 0.02184 0.019(m)
 E LON: 244 28 38.03207 0.020(m) 244 28 37.97000 0.020(m)
 W LON: 115 31 21.96793 0.020(m) 115 31 22.03000 0.020(m)
 EL HGT: -38.996(m) 0.011(m) -39.776(m) 0.011(m)
 ORTHO HGT: -4.365(m) 0.060(m) [NAVD88 (Computed using GEOID18)]

UTM COORDINATES STATE PLANE COORDINATES

UTM (Zone 11) SPC (0406 CA 6)

Northing (Y) [meters]	3622690.162	563083.138
Easting (X) [meters]	638416.818	2068165.832
Convergence [degrees]	0.79891111	0.39962500
Point Scale	0.99983625	1.00000870
Combined Factor	0.99984237	1.00001482

US NATIONAL GRID DESIGNATOR: 11SPS3841622690(NAD 83)

BASE STATIONS USED

PID	DESIGNATION	LATITUDE	LONGITUDE	DISTANCE(m)
DM7518	IID2 IID2_SCGN_CS1998	CORS ARP	N324222.193 W1150154.442	46126.6
DN7404	P500 ALLAMERICNCS2005	CORS ARP	N324124.153 W1151759.705	21438.2
DH8055	GLRS GLRS_SCGN_CS1999	CORS ARP	N331629.309 W1153116.890	60051.2

NEAREST NGS PUBLISHED CONTROL POINT

DB1743	HEBER RM 1	N324351.234 W1153133.019	394.8
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