



Date: December 12, 2021 **Time:** 19:47:24 UTC

Employee: CW

Job Name: CA Salton Sea

Point ID: GCP_064

State: California

Latitude: 32 59 20.21460

Longitude: -115 30 32.75240

Address and/or Intersection: Jones St. and Best Rd., Brawley

OBSERVATION METHOD

<input type="radio"/>	VRS GNSS	H RMS:	V RMS:	Duration:		
<input checked="" type="radio"/>	STATIC GNSS	Start Time: 19:47:24 UTC		End Time: 21:55:18 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

- PAVEMENT
- VEGETATION
- BARE SOIL
- NGS CONTROL

PICTURES

- Photos of area & setup

POINT RE-CHECK

Date: _____

Time: _____

Pt ID: _____

Description:

Sketch or Image of Area





POINT ID: GCP_064
MONUMENT PHOTO



**Control
GCP_064
Pavement**



POINT ID: GCP_064

NORTH PHOTO



**Control
GCP_064
Pavement**



POINT ID: GCP_064

EAST PHOTO



**Control
GCP_064
Pavement**



POINT ID: GCP_064
SOUTH PHOTO



**Control
GCP_064
Pavement**



POINT ID: GCP_064

WEST PHOTO



**Control
GCP_064
Pavement**



RINEX FILE: c001346t.21o

TIME: 19:31:00 UTC

SOFTWARE: page5 2008.25 master278.pl 16032 START: 2021/12/12 19:47:00
 EPHEMERIS: igr21880.eph [rapid] STOP: 2021/12/12 21:55:00
 NAV FILE: brdc3460.21n OBS USED: 4487 / 4864 : 92%
 ANT NAME: TPSHIPER_SR NONE # FIXED AMB: 31 / 31 : 100%
 ARP HEIGHT: 02.000 OVERALL RMS: 0.012(m)

REF FRAME: NAD_83(2011)(EPOCH:2010.0000) ITRF2014 (EPOCH:2021.9476)

X: -2306188.739(m) 0.015(m) -2306189.713(m) 0.015(m)
 Y: -4833050.092(m) 0.018(m) -4833048.738(m) 0.018(m)
 Z: 3452890.129(m) 0.005(m) 3452889.940(m) 0.005(m)

LAT: 32 59 20.21460 0.008(m) 32 59 20.22364 0.008(m)
 E LON: 244 29 27.24760 0.015(m) 244 29 27.19129 0.015(m)
 W LON: 115 30 32.75240 0.015(m) 115 30 32.80871 0.015(m)
 EL HGT: -74.426(m) 0.018(m) -75.202(m) 0.018(m)
 ORTHO HGT: -40.009(m) 0.065(m) [NAVD88 (Computed using GEOID18)]

UTM COORDINATES STATE PLANE COORDINATES

UTM (Zone 11) SPC (0406 CA 6)

Northing (Y) [meters]	3651048.689	591439.070
Easting (X) [meters]	639297.675	2069245.804
Convergence [degrees]	0.81189167	0.40713889
Point Scale	0.99983925	0.99997216
Combined Factor	0.99985093	0.99998384

US NATIONAL GRID DESIGNATOR: 11SPS3929751048(NAD 83)

BASE STATIONS USED

PID	DESIGNATION	LATITUDE	LONGITUDE	DISTANCE(m)
DN7404	P500 ALLAMERICNCS2005	CORS ARP	N324124.153 W1151759.705	38501.4
DH8055	GLRS GLRS_SCGN_CS1999	CORS ARP	N331629.309 W1153116.890	31724.1
DN7401	P494 WESTSIDEESCS2005	CORS ARP	N324534.739 W1154355.389	32893.8

NEAREST NGS PUBLISHED CONTROL POINT

DB0937	L 611	N325911.000 W1153032.000	284.5
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