



**Date:** December 15, 2021 **Time:** 21:21:05 UTC

**Employee:** CW

**Job Name:** CA Salton Sea

**Point ID:** GCP\_006

**State:** California

**Latitude:** 32 43 11.77813

**Longitude:** -115 58 14.22181

**Address and/or Intersection:** 2 miles SE of Ocotillo

### OBSERVATION METHOD

<input type="radio"/>	VRS GNSS	<b>H RMS:</b>	<b>V RMS:</b>	<b>Duration:</b>		
<input checked="" type="radio"/>	STATIC GNSS	<b>Start Time:</b> 21:21:05 UTC		<b>End Time:</b> 0:01:02 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\_006  
MONUMENT PHOTO



**Control  
GCP\_006  
Bare Earth**



POINT ID: GCP\_006

NORTH PHOTO





POINT ID: GCP\_006

EAST PHOTO





POINT ID: GCP\_006  
SOUTH PHOTO



**Control  
GCP\_006  
Bare Earth**



POINT ID: GCP\_006

WEST PHOTO



**Control  
GCP\_006  
Bare Earth**



RINEX FILE: c060349v.21o

TIME: 18:25:11 UTC

SOFTWARE: page5 2008.25 master290.pl 16032    START: 2021/12/15 21:21:00  
 EPHEMERIS: igr21883.eph [rapid]                    STOP: 2021/12/16 00:01:00  
 NAV FILE: brdc3490.21n                            OBS USED: 5820 / 6094 : 96%  
 ANT NAME: TPSHIPER\_SR    NONE                    # FIXED AMB: 40 / 45 : 89%  
 ARP HEIGHT: 02.000                                OVERALL RMS: 0.014(m)

REF FRAME: NAD\_83(2011)(EPOCH:2010.0000)                    ITRF2014 (EPOCH:2021.9560)

X: -2352186.544(m) 0.006(m)                    -2352187.689(m) 0.006(m)  
 Y: -4828980.812(m) 0.004(m)                    -4828979.161(m) 0.004(m)  
 Z: 3427909.549(m) 0.009(m)                    3427909.622(m) 0.009(m)

LAT: 32 43 11.77813 0.010(m)                    32 43 11.79736 0.010(m)  
 E LON: 244 1 45.77819 0.007(m)                    244 1 45.71090 0.007(m)  
 W LON: 115 58 14.22181 0.007(m)                    115 58 14.28910 0.007(m)  
 EL HGT: 75.370(m) 0.001(m)                    74.583(m) 0.001(m)  
 ORTHO HGT: 109.148(m) 0.059(m) [NAVD88 (Computed using GEOID18)]

### UTM COORDINATES STATE PLANE COORDINATES

UTM (Zone 11)                    SPC (4301 UT N)

Northing (Y) [meters]	3620708.414	162687.344
Easting (X) [meters]	596465.481	76616.377
Convergence [degrees]	0.55645833	-2.94772500
Point Scale	0.99971474	1.01064632
Combined Factor	0.99970291	1.01063436

US NATIONAL GRID DESIGNATOR: 11SNS9646520708(NAD 83)

### BASE STATIONS USED

PID	DESIGNATION	LATITUDE	LONGITUDE	DISTANCE(m)
DH4519	P066 JACUMBAAP_CS2004	CORS ARP	N323659.475 W1161011.188	21935.1
DG8353	P480 VALLECITO_CS2004	CORS ARP	N325833.570 W1162054.679	45367.2
DN7481	USGC USGC_SCGN_CS1998	CORS ARP	N330148.216 W1160507.157	36030.0

### NEAREST NGS PUBLISHED CONTROL POINT

DB1813	MIRAGE	N324313.688 W1155726.364	1247.6
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