

The NGS Data Sheet

See file [dsdata.pdf](#) for more information about the datasheet.

PROGRAM = datasheet95, VERSION = 8.12.5.3

1 National Geodetic Survey, Retrieval Date = JULY 23, 2019

HT2607 *****

HT2607 DESIGNATION - TURK RESET

HT2607 PID - HT2607

HT2607 STATE/COUNTY- CA/ALAMEDA

HT2607 COUNTRY - US

HT2607 USGS QUAD - NEWARK (1997)

HT2607

HT2607 *CURRENT SURVEY CONTROL

HT2607

HT2607* NAD 83(1992) POSITION- 37 34 20.35706(N) 122 06 14.55015(W) ADJUSTED

HT2607* NAD 83(1992) EPOCH - 1991.35

HT2607* [NAVD 88](#) ORTHO HEIGHT - 35.1 (meters) 115. (feet) VERTCON

HT2607

HT2607 GEOID HEIGHT - -32.521 (meters) GEOID12B

HT2607 LAPLACE CORR - 1.57 (seconds) DEFLEC12B

HT2607 HORZ ORDER - THIRD

HT2607

HT2607.The horizontal coordinates were established by classical geodetic methods and adjusted by the National Geodetic Survey in March 1994.

HT2607.

HT2607.The NAVD 88 height was computed by applying the VERTCON shift value to the NGVD 29 height (displayed under SUPERSEDED SURVEY CONTROL.)

HT2607

HT2607.Significant digits in the geoid height do not necessarily reflect accuracy. GEOID12B height accuracy estimate available [here](#).

HT2607

HT2607.The Laplace correction was computed from DEFLEC12B derived deflections.

HT2607

HT2607. The following values were computed from the NAD 83(1992) position.

HT2607

HT2607;

	North	East	Units	Scale Factor	Converg.
HT2607;SPC CA 3	- 620,221.182	1,858,315.098	MT	0.99993402	-0 58 55.4
HT2607;SPC CA 3	- 2,034,842.33	6,096,822.12	sFT	0.99993402	-0 58 55.4
HT2607;UTM 10	- 4,158,742.137	579,118.212	MT	0.99967710	+0 32 46.9

HT2607

HT2607! - Elev Factor x Scale Factor = Combined Factor

HT2607!SPC CA 3 - 0.99999960 x 0.99993402 = 0.99993362

HT2607!UTM 10 - 0.99999960 x 0.99967710 = 0.99967670

HT2607

HT2607: Primary Azimuth Mark Grid Az

HT2607:SPC CA 3 - RED HILL RESET 163 13 34.6

HT2607:UTM 10 - RED HILL RESET 161 41 52.3

HT2607

HT2607_U.S. NATIONAL GRID SPATIAL ADDRESS: 10SEG7911858742 (NAD 83)

HT2607

PID	Reference Object	Distance	Geod. Az
			dddmmss.s
HT2607	HT2612 WHITE TANK ON WOODEN WINDMILL	APPROX. 5.5 KM	0122347.1
HT2607	HT2606 UNION CITY HOLLY SUGAR CO STK	APPROX. 4.2 KM	0393311.2
HT2607	DB3940 TURK RM 3	4.564 METERS	08221
HT2607	DB3939 TURK RM 1	13.972 METERS	15613
HT2607	HT2609 RED HILL RESET	APPROX. 2.5 KM	1621439.2

HT2607

HT2607 SUPERSEDED SURVEY CONTROL

HT2607

HT2607 NAD 83(1986)- 37 34 20.35406(N) 122 06 14.54488(W) AD(1984.00) 3

HT2607 NAD 27 - 37 34 20.57200(N) 122 06 10.67300(W) AD() 3
 HT2607 NGVD 29 (06/18/98) 34.3 (m) 113. (f) VERT ANG

HT2607

HT2607.Superseded values are not recommended for survey control.

HT2607

HT2607.NGS no longer adjusts projects to the NAD 27 or NGVD 29 datums.

HT2607.See file [dsdata.pdf](#) to determine how the superseded data were derived.

HT2607

HT2607_MARKER: DS = TRIANGULATION STATION DISK

HT2607_SETTING: 66 = SET IN ROCK OUTCROP

HT2607_STAMPING: TURK 1925 1963

HT2607_MARK LOGO: CGS

HT2607_STABILITY: A = MOST RELIABLE AND EXPECTED TO HOLD

HT2607+STABILITY: POSITION/ELEVATION WELL

HT2607

HT2607	HISTORY	- Date	Condition	Report By
HT2607	HISTORY	- 1963	MONUMENTED	CGS
HT2607	HISTORY	- 1931	SEE DESCRIPTION	CGS
HT2607	HISTORY	- 1936	SEE DESCRIPTION	CGS
HT2607	HISTORY	- 1963	SEE DESCRIPTION	CGS
HT2607	HISTORY	- 1975	GOOD	NGS
HT2607	HISTORY	- 1983	GOOD	NOS

HT2607

HT2607

STATION DESCRIPTION

HT2607

HT2607'DESCRIBED BY COAST AND GEODETIC SURVEY 1931

HT2607'STATION IS ABOUT 20 FEET E OF SUMMIT OF UNION ISLAND WHICH IS

HT2607'NORTHERNMOST OF TWO SMALL ISLANDS LYING ABOUT 3,200 YARDS TO

HT2607'SOUTHWARD OF UNION CITY AND TO NORTHWARD OF RED HILLS. TO REACH

HT2607'FROM ALVARADO, TURN OFF MAIN ROAD INTO ROAD TO THE CALIFORNIA

HT2607'SALT WORKS, AND CONTINUE TO STATION SITE ON HILL TO RIGHT OF

HT2607'ROAD. MARKED BY STANDARD DISK SET IN CONCRETE IN OUTCROPPING

HT2607'BEDROCK AS DESCRIBED IN NOTE 3. REFERENCE MARK IS A STANDARD

HT2607'BRONZE DISK SET IN CONCRETE IN OUTCROPPING BEDROCK, AS

HT2607'DESCRIBED IN NOTE 12B, AND IS 14.00 METERS (45.9 FEET) FROM

HT2607'STATION IN AZIMUTH 336 DEG 15 MIN. IN 1932 DISK HAD BEEN

HT2607'REMOVED FROM STATION MARK. IT WAS RE-MARKED WITH ANOTHER

HT2607'STANDARD STATION DISK. AND A STANDARD REFERENCE MARK SET IN

HT2607'CONCRETE AS DESCRIBED IN NOTE 11C, WAS ESTABLISHED 14.625 METERS

HT2607'(47.98 FEET) FROM STATION IN AZIMUTH 71 DEG 12 MIN.

HT2607

HT2607

STATION RECOVERY (1936)

HT2607

HT2607'RECOVERY NOTE BY COAST AND GEODETIC SURVEY 1936 (TJM)

HT2607'LETTER 4/14/36 FROM T.J. MAHER, SAN FRANCISCO FIELD STATION--

HT2607'

HT2607'FORWARDED IS TRIANGULATION MARK, STAMPED TURK 1925. MR. STOHSNER

HT2607'STATED THAT IT WAS TURNED OVER TO HIM BY A MAN WHO SAID HE

HT2607'PICKED IT UP ON THE FLATS IN THE SOUTHERN PART OF SAN FRANCISCO

HT2607'BAY.

HT2607

HT2607

STATION RECOVERY (1963)

HT2607

HT2607'RECOVERY NOTE BY COAST AND GEODETIC SURVEY 1963 (IRR)

HT2607'THE STATION MARK DISK WAS FOUND TO HAVE BEEN REMOVED BUT THE

HT2607'DRILL HOLE AND THE IMPRINT OF THE DISK WAS FOUND SO A NEW STATION

HT2607'MARK DISK WAS RESET IN CONCRETE IN THE OLD DRILL HOLE. REFERENCE

HT2607'MARK NUMBER 1 WAS RECOVERED IN GOOD CONDITION BUT REFERENCE

HT2607'MARK NUMBER 2 COULD NOT BE FOUND SO REFERENCE MARK NUMBER 3 WAS

HT2607'SET ON THIS DATE.

HT2607'

HT2607'THE STATION IS LOCATED NEAR THE TOP OF TURK ISLAND (FORMERLY

HT2607'KNOWN AS UNION ISLAND), A 116-FOOT HIGH HILL SURROUNDED BY SALT

HT2607'EVAPORATOR PONDS, ABOUT 4-1/2 MILES AIRLINE NORTHWEST OF NEWARK,

HT2607'2 MILES SOUTHWEST OF ALVARADO, AND 3/4 MILE NORTH-NORTHWEST OF THE

HT2607'NORTHWEST END OF COYOTE HILLS.

HT2607'

HT2607'TO REACH THE STATION FROM THE POST OFFICE AT UNION CITY (ALVARADO

HT2607'STATION) GO WEST ON SMITH STREET 0.15 MILE TO AN INTERSECTION.

HT2607'TURN LEFT ONTO UNION CITY BOULEVARD AND GO SOUTH 1.4 MILES TO A
HT2607'SIDE ROAD ON THE RIGHT. TURN RIGHT AND GO WEST 0.3 MILE TO
HT2607'A LOCKED GATE. (A KEY TO THE GATE AND PERMISSION TO ENTER MAY
HT2607'BE OBTAINED FROM LESLIE SALT COMPANY, NEWARK, CALIFORNIA.)
HT2607'PASS THROUGH THE GATE AND CONTINUE WEST 0.9 MILE TO A CROSS
HT2607'ROAD. TURN RIGHT AND GO NORTH 0.2 MILE TO A GATE. PASS THROUGH
HT2607'THE GATE AND CIRCLE WEST AROUND THE HILL ON A GRADED ROAD
HT2607'0.4 MILE TO THE HIGHEST POINT AND THE STATION.

HT2607'

HT2607'THE STATION MARK IS A COAST AND GEODETIC SURVEY TRIANGULATION
HT2607'STATION DISK STAMPED TURK 1925 1963 CEMENTED IN A DRILL HOLE IN
HT2607'OUTCROPPING BEDROCK PROJECTING 6 INCHES ABOVE THE GROUND. IT IS
HT2607'11 FEET NORTHWEST OF AND ABOUT 6 FEET LOWER THAN AN OUTCROPPING
HT2607'OF ROCK THAT IS THE HIGHEST OBJECT ON THE HILL.

HT2607'

HT2607'REFERENCE MARK NUMBER 1 IS A COAST AND GEODETIC SURVEY REFERENCE
HT2607'MARK DISK CEMENTED IN A DRILL HOLE IN OUTCROPPING BEDROCK
HT2607'PROJECTING 5 FEET ABOVE THE GROUND AND IS ABOUT 1-1/2 FEET HIGHER
HT2607'THAN THE STATION MARK. IT WAS FOUND STAMPED TURK 1925 AND WAS
HT2607'RESTAMPED TURK NO 1 1925 ON THIS DATE.

HT2607'

HT2607'REFERENCE MARK NUMBER 3 IS A COAST AND GEODETIC SURVEY REFERENCE
HT2607'MARK DISK STAMPED TURK NO 3 1925 1963 CEMENTED IN A DRILL HOLE
HT2607'IN THE TOP OF A BOULDER PROJECTING 8 INCHES ABOVE THE GROUND AND IS
HT2607'ABOUT 3 FEET LOWER THAN THE STATION MARK.

HT2607

HT2607 STATION RECOVERY (1975)

HT2607

HT2607'RECOVERY NOTE BY NATIONAL GEODETIC SURVEY 1975 (CLN)
HT2607'THE STATION MARK AND REFERENCE MARKS 1 AND 3 WERE RECOVERED IN GOOD
HT2607'CONDITION AND THE 1963 DESCRIPTION IS ADEQUATE.

HT2607'

HT2607'AIRLINE DISTANCE AND DIRECTION FROM NEAREST TOWN
HT2607'2 MILES SOUTHWEST OF ALVARADO.

HT2607

HT2607 STATION RECOVERY (1983)

HT2607

HT2607'RECOVERY NOTE BY NATIONAL OCEAN SERVICE 1983 (PRC)
HT2607'THE STATION, REFERENCE MARKS 1 AND 3 WERE RECOVERED AS DESCRIBED.
HT2607'REFERENCE MARK 4 WAS ESTABLISHED AT THIS TIME.
HT2607'REFERENCE MARK 4 IS STANDARD NATIONAL OCEAN SURVEY DISK STAMPED---TURK
HT2607'RM 4 1925 1963 83---, SET IN THE ONLY ROCK OUTCROP, ABOUT 385 FEET
HT2607'EAST-SOUTHEAST OF THE SUMMIT OF TURK ISLAND.
HT2607'DESCRIBED BY F.L. ROSARIO.

*** retrieval complete.

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