



Federal Communications Commission

Wireless Telecommunications Bureau

RADIO STATION AUTHORIZATION

LICENSEE: MONTEREY BAY AQUARIUM RESEARCH INSTITUTE

ATTN: CRAIG OKUDA
MONTEREY BAY AQUARIUM RESEARCH INSTITUTE
7700 SANDHOLDT ROAD
MOSS LANDING, CA 95039

Call Sign WNTG789	
File Number 0008258713	
Radio Service MG - Microwave Industrial/Business Pool	
SMSA	Station Class FXO

FCC Registration Number (FRN): 0001635101

Grant Date 02-10-2012	Effective Date 10-02-2018	Expiration Date 04-16-2022	Print Date 10-03-2018
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LOCATION

Fixed Location Address or Area of Operation:

MT TORO

City: MONTEREY County: MONTEREY State: CA

Loc No.	Location Name	Latitude	Longitude	Elevation	Antenna Structure Registration No.
001	MT TORO	36-32-16.2 N	121-37-35.3 W	958.3	
002	CANNERY ROW	36-37-06.3 N	121-54-06.1 W	3.0	
003	S & E BLDG	36-48-06.8 N	121-47-18.3 W	2.1	

FREQUENCY PATHS

Frequency (MHz)	Tol (%)	Emission Desig	EIRP (dBm)	Constr Date	Path No	Seg	Emit Loc No	Ant Hgt (m)	Gain (dBi)	Beam (deg)	POL	AZIM (deg)	Rec Loc No	Rec Call Sign
									Reflector Ht(m)xWd(m)					
19315.0	0.00070	30M0D7W	65.400		001	1	001	4.0	48.5	0.6	V	290.0	002	WQKW254
19440.0	0.00050	40M0D7W	63.400		002	1	001	4.0	48.5	0.6	V	333.8	003	WNTTP517
19350.0	0.00050	20M0G7W	68.500		003	1	001	15.5	48.5	0.6	H	333.8	003	WNTTP517
19440.0	0.00050	40M0D7W	66.400	02-28-2016	002	1	001	4.0	48.5	0.6	V	333.8	003	WNTTP517
19440.0	0.00050	40M0D7W	66.400	02-28-2016	002	1	001	4.0	48.5	0.6	V	333.8	003	WNTTP517
19440.0	0.00050	40M0D7W	69.400	02-28-2016	002	1	001	4.0	48.5	0.6	V	333.8	003	WNTTP517

Conditions:

Pursuant to §309(h) of the Communications Act of 1934, as amended, 47 U.S.C. §309(h), this license is subject to the following conditions: This license shall not vest in the licensee any right to operate the station nor any right in the use of the frequencies designated in the license beyond the term thereof nor in any other manner than authorized herein. Neither the license nor the right granted thereunder shall be assigned or otherwise transferred in violation of the Communications Act of 1934, as amended. See 47 U.S.C. § 310(d). This license is subject in terms to the right of use or control conferred by §706 of the Communications Act of 1934, as amended. See 47 U.S.C. §606.

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Frequency (MHz)	Tol (%)	Emission Desig	EIRP (dBm)	Constr Date	Path No	Seg	Emit Loc No	Ant Hgt (m)	Gain (dBi)	Beam (deg)	POL	AZIM (deg)	Rec Loc No	Rec Call Sign
Reflector Ht(m)xWd(m)														
19440.0	0.00050	40M0D7W	69.400	02-28-2016	002	1	001	4.0	48.5	0.6	V	333.8	003	WNTG789
19440.0	0.00050	40M0D7W	72.400	02-28-2016	002	1	001	4.0	48.5	0.6	V	333.8	003	WNTG789
19315.0	0.00070	30M0D7W	65.400	10-01-2017	001	1	001	4.0	48.5	0.6	V	290.0	002	WQKW254
19315.0	0.00070	30M0D7W	65.400	10-01-2017	001	1	001	4.0	48.5	0.6	V	290.0	002	WQKW254
19315.0	0.00070	30M0D7W	65.400	10-01-2017	001	1	001	4.0	48.5	0.6	V	290.0	002	WQKW254
19315.0	0.00070	30M0D7W	65.400	10-01-2017	001	1	001	4.0	48.5	0.6	V	290.0	002	WQKW254
19315.0	0.00070	30M0D7W	65.400	10-01-2017	001	1	001	4.0	48.5	0.6	V	290.0	002	WQKW254

Waivers/Conditions:

License renewal granted on a conditional basis, subject to the outcome of FCC proceeding WT Docket No. 10-112 (see FCC 10-86, paras. 113 and 126).

The precision of the frequency tolerance field is limited in ULS, the actual tolerance may be tighter than shown/stored.