



Federal Communications Commission
Wireless Telecommunications Bureau
Radio Station Authorization

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Licensee: MONTEREY BAY AQUARIUM RESEARCH INSTITUTE

GEORGE M. BADGER, III
MONTEREY BAY AQUARIUM RESEARCH INSTITUTE
7700 SANDHOLDT RD
MOSS LANDING CA 95039-9644

Call Sign WNTG789 MT TORO	
File Number 0000862527	
Radio Service MG - Microwave Industrial/ Business Pool	
SMSA	Station Class FX0

Grant Date 04-13-2002	Effective Date 05-28-2002	Print Date 05-29-2002	Expiration Date 04-16-2012
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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 RDW	36-37-06.2 N	121-54-06.1 W	3.0	
003	S & E BLDG	36-48-06.8 N	121-47-18.3 W	2.4	

FREQUENCY PATHS

Frequency (MHz)	Tot (%)	Emission Desig	EIRP (dBm)	Constr Date	Path No	Seg	Emit Loc No	Ant Hgt (m)	Gain (dBi)	Beam Reflector (deg)	POL	AZIM (deg)	Rec Loc No	Rec Call Sign
19270.0	0.00300	20MOF8W	66.5		001	1	001	15.5	48.5	1.0	V	290.0	002	WNTA294
19430.0	0.00300	20MOF8W	68.5		002	1	001	15.5	48.5	1.0	V	333.8	003	WNTP517
19350.0	0.00300	20MOF8W	68.5		003	1	001	15.5	48.5	1.0	H	333.8	003	WNTP517
18970.0	0.00300	20MOF8W	68.5		004	1	001	15.5	48.5	1.0	H	290.0	002	WNTA294

Additional Waivers/Conditions: THE COMMISSION HAS PROPOSED IN ITS NOTICE OF PROPOSED RULEMAKING IN IB DOCKET NO. 98-172, RELEASED ON SEPTEMBER 18, 1998, THAT MICROWAVE FIXED SERVICE OPERATIONS BE GRANTED ON A SECONDARY BASIS WITH RESPECT TO GEOSTATIONARY ORBIT FIXED SATELLITE SERVICE OPERATIONS ON FREQUENCY BAND 18300-18550 MHZ, AND/OR NON-GEOSTATIONARY ORBIT FIXED SATELLITE SERVICE OPERATIONS ON FREQUENCY BAND 18800-19300 MHZ. THEREFORE, AUTHORIZATION TO TRANSMIT ON FREQUENCIES 19270.0 AND 18970.0 MHZ, AZIMUTH 109.9 DEG, IS SUBJECT TO THE OUTCOME OF THAT PROCEEDING.