

**United States of America
FEDERAL COMMUNICATIONS COMMISSION
EXPERIMENTAL
RADIO STATION CONSTRUCTION PERMIT
AND LICENSE**

EXPERIMENTAL

(Nature of Service)

WC2XSR

(Call Sign)

XD FX

(Class of Station)

0213-EX-PL-2001

(File Number)

NAME The 600 Meter Research Group

Subject to the provisions of the Communications Act of 1934, subsequent acts, and treaties, and all regulations heretofore or hereafter made by this Commission, and further subject to the conditions and requirements set forth in this license, the licensee hereof is hereby authorized to use and operate the radio transmitting facilities hereinafter described for radio communications in accordance with the program of experimentation described by the licensee in its application for license.

Operation: In accordance with Sec. 5.202(i) of the Commission's Rules

Station Locations

- (1) Gilbert (W0OGH), AZ - NL 33-20-42; WL 111-47-52
- (2) Lancaster (W6DJX), CA - NL 34-40-52; WL 118-14-09
- (3) Alturas (K6QQ), CA - NL 41-24-46; WL 120-40-23
- (4) Livermore (WB6BYH), CA - NL 37-29-07; WL 121-31-56
- (5) Littlerock (WA6QPL), CA - NL 34-27-38; WL 117-57-24
- (6) Fresno (K2VCO), CA - NL 36-46-28; WL 119-48-48
- (7) Glendale (W7QHO), CA - NL 34-10-08; WL 118-14-10
- (8) Colorado Springs (W0RW), CO - NL 38-52-06; WL 104-52-22
- (9) Honolulu (KH6O), HI - NL 21-16-29; WL 157-49-13
- (10) Moscow (W7EKB), ID - NL 46-44-09; WL 116-59-55
- (11) Batavia (K9EUI), IL - NL 41-50-44; WL 88-19-09
- (12) Pumpkin Center (W5TVW), LA - NL 30-26-58; WL 90-32-00
- (13) Jefferson (W5JGV), LA - NL 29-57-46; WL 90-10-38
- (14) Foxboro (AA1P), MA - NL 42-03-23; WL 71-11-51
- (15) Derwood (K1LKY), MD - NL 39-07-35; WL 77-08-47
- (16) Helena (KJ4TG), MT - NL 46-36-01; WL 112-02-26
- (17) Raleigh (NA4G), NC - NL 35-52-52; WL 78-39-21
- (18) Raleigh (W4TIM), NC - NL 35-51-59; WL 78-38-11
- (19) Raleigh (N4HAF), NC - NL 35-53-06; WL 78-39-07
- (20) Raleigh (W4AUV), NC - NL 35-51-59; WL 78-38-11
- (21) Rougemont (KQ2P), NC - NL 36-11-44; WL 78-50-54
- (22) Lincoln (K0NG), NE - NL 40-47-40; WL 96-39-12
- (23) Belford (N2CDD), NJ - NL 40-24-49; WL 74-05-31
- (24) Reno (WA7DIA), NV - NL 39-31-45; WL 119-51-06
- (25) Massillon (W8AU), OH - NL 40-46-28; WL 81-34-23

This authorization effective December 07, 2001 and
will expire 3:00 A.M. EST November 01, 2006

**FEDERAL
COMMUNICATIONS
COMMISSION**



Station Locations

- (26) Redmond (KD6B), OR - NL 44-19-09; WL 121-14-55
- (27) Grants Pass (KF6AR), OR - NL 42-30-35; WL 123-19-38
- (28) Grants Pass (WA6RBQ), OR - NL 42-24-30; WL 123-17-35
- (29) Silverton (W7JWA), OR - NL 44-58-28; WL 122-41-38
- (30) Tarantum (KE3AL), PA - NL 40-36-18; WL 79-45-11
- (31) Cookeville (WS4S), TN - NL 36-13-35; WL 85-32-58
- (32) Sachse (W5USM), TX - NL 32-58-09; WL 96-35-23
- (33) Irving (W5FRS), TX - NL 32-49-25; WL 96-59-20
- (34) Lewisville (AB5S), TX - NL 33-03-51; WL 97-01-37
- (35) Herndon (KC4TOS), VA - NL 38-59-01; WL 77-22-08
- (36) Palouse (KG7YK), WA - NL 46-54-09; WL 117-05-54

Frequency Information

Gilbert (W0OGH), AZ - NL 33-20-42; WL 111-47-52

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
166.5 kHz	FX	N0N	200 W (ERP)	
166.5 kHz	FX	6K00A3E	200 W (ERP)	

Lancaster (W6DJX), CA - NL 34-40-52; WL 118-14-09

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
166.5 kHz	FX	N0N	200 W (ERP)	
166.5 kHz	FX	6K00A3E	200 W (ERP)	

Alturas (K6QQ), CA - NL 41-24-46; WL 120-40-23

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
166.5 kHz	FX	N0N	200 W (ERP)	
166.5 kHz	FX	6K00A3E	200 W (ERP)	

Livermore (WB6BYH), CA - NL 37-29-07; WL 121-31-56

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
166.5 kHz	FX	N0N	200 W (ERP)	
166.5 kHz	FX	6K00A3E	200 W (ERP)	

Frequency Information

Littlerock (WA6QPL), CA - NL 34-27-38; WL 117-57-24

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
166.5 kHz	FX	N0N	200 W (ERP)	
166.5 kHz	FX	6K00A3E	200 W (ERP)	

Fresno (K2VCO), CA - NL 36-46-28; WL 119-48-48

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
166.5 kHz	FX	N0N	200 W (ERP)	
166.5 kHz	FX	6K00A3E	200 W (ERP)	

Glendale (W7QHO), CA - NL 34-10-08; WL 118-14-10

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
166.5 kHz	FX	N0N	200 W (ERP)	
166.5 kHz	FX	6K00A3E	200 W (ERP)	

Colorado Springs (W0RW), CO - NL 38-52-06; WL 104-52-22

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
166.5 kHz	FX	N0N	200 W (ERP)	
166.5 kHz	FX	6K00A3E	200 W (ERP)	

Honolulu (KH6O), HI - NL 21-16-29; WL 157-49-13

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
166.5 kHz	FX	N0N	200 W (ERP)	
166.5 kHz	FX	6K00A3E	200 W (ERP)	

Moscow (W7EKB), ID - NL 46-44-09; WL 116-59-55

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
166.5 kHz	FX	N0N	200 W (ERP)	

Frequency Information

Moscow (W7EKB), ID - NL 46-44-09; WL 116-59-55

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
166.5 kHz	FX	6K00A3E	200 W (ERP)	

Batavia (K9EUI), IL - NL 41-50-44; WL 88-19-09

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
166.5 kHz	FX	N0N	200 W (ERP)	
166.5 kHz	FX	6K00A3E	200 W (ERP)	

Pumpkin Center (W5TVW), LA - NL 30-26-58; WL 90-32-00

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
166.5 kHz	FX	N0N	200 W (ERP)	
166.5 kHz	FX	6K00A3E	200 W (ERP)	

Jefferson (W5JGV), LA - NL 29-57-46; WL 90-10-38

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
166.5 kHz	FX	N0N	200 W (ERP)	
166.5 kHz	FX	6K00A3E	200 W (ERP)	

Foxboro (AA1P), MA - NL 42-03-23; WL 71-11-51

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
166.5 kHz	FX	N0N	200 W (ERP)	
166.5 kHz	FX	6K00A3E	200 W (ERP)	

Derwood (K1LKY), MD - NL 39-07-35; WL 77-08-47

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
166.5 kHz	FX	N0N	200 W (ERP)	

Frequency Information

Derwood (K1LKY), MD - NL 39-07-35; WL 77-08-47

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
166.5 kHz	FX	6K00A3E	200 W (ERP)	

Helena (KJ4TG), MT - NL 46-36-01; WL 112-02-26

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
166.5 kHz	FX	N0N	200 W (ERP)	
166.5 kHz	FX	6K00A3E	200 W (ERP)	

Raleigh (NA4G), NC - NL 35-52-52; WL 78-39-21

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
166.5 kHz	FX	N0N	200 W (ERP)	
166.5 kHz	FX	6K00A3E	200 W (ERP)	

Raleigh (W4TIM), NC - NL 35-51-59; WL 78-38-11

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
166.5 kHz	FX	N0N	200 W (ERP)	
166.5 kHz	FX	6K00A3E	200 W (ERP)	

Raleigh (N4HAF), NC - NL 35-53-06; WL 78-39-07

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
166.5 kHz	FX	N0N	200 W (ERP)	
166.5 kHz	FX	6K00A3E	200 W (ERP)	

Raleigh (W4AUV), NC - NL 35-51-59; WL 78-38-11

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
166.5 kHz	FX	N0N	200 W (ERP)	

Frequency Information

Raleigh (W4AUV), NC - NL 35-51-59; WL 78-38-11

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
166.5 kHz	FX	6K00A3E	200 W (ERP)	

Rougemont (KQ2P), NC - NL 36-11-44; WL 78-50-54

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
166.5 kHz	FX	N0N	200 W (ERP)	
166.5 kHz	FX	6K00A3E	200 W (ERP)	

Lincoln (K0NG), NE - NL 40-47-40; WL 96-39-12

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
166.5 kHz	FX	N0N	200 W (ERP)	
166.5 kHz	FX	6K00A3E	200 W (ERP)	

Belford (N2CDD), NJ - NL 40-24-49; WL 74-05-31

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
166.5 kHz	FX	N0N	200 W (ERP)	
166.5 kHz	FX	6K00A3E	200 W (ERP)	

Reno (WA7DIA), NV - NL 39-31-45; WL 119-51-06

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
166.5 kHz	FX	N0N	200 W (ERP)	
166.5 kHz	FX	6K00A3E	200 W (ERP)	

Massillon (W8AU), OH - NL 40-46-28; WL 81-34-23

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
166.5 kHz	FX	N0N	200 W (ERP)	

Frequency Information

Massillon (W8AU), OH - NL 40-46-28; WL 81-34-23

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
166.5 kHz	FX	6K00A3E	200 W (ERP)	

Redmond (KD6B), OR - NL 44-19-09; WL 121-14-55

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
166.5 kHz	FX	N0N	200 W (ERP)	
166.5 kHz	FX	6K00A3E	200 W (ERP)	

Grants Pass (KF6AR), OR - NL 42-30-35; WL 123-19-38

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
166.5 kHz	FX	N0N	200 W (ERP)	
166.5 kHz	FX	6K00A3E	200 W (ERP)	

Grants Pass (WA6RBQ), OR - NL 42-24-30; WL 123-17-35

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
166.5 kHz	FX	N0N	200 W (ERP)	
166.5 kHz	FX	6K00A3E	200 W (ERP)	

Silverton (W7JWA), OR - NL 44-58-28; WL 122-41-38

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
166.5 kHz	FX	N0N	200 W (ERP)	
166.5 kHz	FX	6K00A3E	200 W (ERP)	

Tarantum (KE3AL), PA - NL 40-36-18; WL 79-45-11

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
166.5 kHz	FX	N0N	200 W (ERP)	

Frequency Information

Tarantum (KE3AL), PA - NL 40-36-18; WL 79-45-11

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
166.5 kHz	FX	6K00A3E	200 W (ERP)	

Cookeville (WS4S), TN - NL 36-13-35; WL 85-32-58

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
166.5 kHz	FX	N0N	200 W (ERP)	
166.5 kHz	FX	6K00A3E	200 W (ERP)	

Sachse (W5USM), TX - NL 32-58-09; WL 96-35-23

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
166.5 kHz	FX	N0N	200 W (ERP)	
166.5 kHz	FX	6K00A3E	200 W (ERP)	

Irving (W5FRS), TX - NL 32-49-25; WL 96-59-20

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
166.5 kHz	FX	N0N	200 W (ERP)	
166.5 kHz	FX	6K00A3E	200 W (ERP)	

Lewisville (AB5S), TX - NL 33-03-51; WL 97-01-37

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
166.5 kHz	FX	N0N	200 W (ERP)	
166.5 kHz	FX	6K00A3E	200 W (ERP)	

Herndon (KC4TOS), VA - NL 38-59-01; WL 77-22-08

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
166.5 kHz	FX	N0N	200 W (ERP)	

Frequency Information

Herndon (KC4TOS), VA - NL 38-59-01; WL 77-22-08

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
166.5 kHz	FX	6K00A3E	200 W (ERP)	

Palouse (KG7YK), WA - NL 46-54-09; WL 117-05-54

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
166.5 kHz	FX	N0N	200 W (ERP)	
166.5 kHz	FX	6K00A3E	200 W (ERP)	

Special Conditions:

- (1) This license SUPERSEDES the previously issued license with the same call sign and file number: Deletes 440, 470, 480, and 495 kHz.