

**United States of America
FEDERAL COMMUNICATIONS COMMISSION
EXPERIMENTAL
SPECIAL TEMPORARY AUTHORIZATION**

EXPERIMENTAL

(Nature of Service)

WM9XIN

(Call Sign)

XT FX MO

(Class of Station)

0081-EX-ST-2018

(File Number)

NAME ModulaTeam GmbH

This Special Temporary Authorization is granted upon the express condition that it may be terminated by the Commission at any time without advance notice or hearing if in its discretion the need for such action arises. Nothing contained herein shall be construed as a finding by the Commission that the authority herein granted is or will be in the public interest beyond the express terms hereof.

This Special Temporary Authorization shall not vest in the grantee any right to operate the station nor any right in the use of the frequencies designated in the authorization beyond the term hereof, nor in any other manner than authorized herein. Neither the authorization nor the right granted hereunder shall be assigned or otherwise transferred in violation of the Communications Act of 1934. This authorization is subject to the right of use of control the Government of the United States conferred by Section 706 of the Communications Act of 1934.

Special Temporary Authority is hereby granted to operate the apparatus described below:

Purpose Of Operation:

Purpose is to create a working solution of C2 Software (including live video), bi-directional, between Ground and Air, for law enforcement authorities in the USA.

Station Locations

- (1) Oxnard (VENTURA), CA - NL 34-11-57; WL 119-12-06; MOBILE: , within 16 km, centered around NL 34-11-57; WL 119-12-06

Frequency Information

Oxnard (VENTURA), CA - NL 34-11-57; WL 119-12-06; MOBILE: , within 16 km, centered around NL 34-11-57; WL 119-12-06

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
144-148 MHz	MO	12K5FXD	100 W (ERP)	
150.8-154 MHz	MO	12K5FXD	100 W (ERP)	

Special Conditions:

- (1) In lieu of frequency tolerance, the occupied bandwidth of the emission shall not extend beyond the band limits set forth above.

This authorization effective April 01, 2018 and
will expire 3:00 A.M. EST October 02, 2018

**FEDERAL
COMMUNICATIONS
COMMISSION**



Special Conditions:

- (2) Licensee should be aware that other stations may be licensed on these frequencies and if any interference occurs, the licensee of this authorization will be subject to immediate shut down.
- (3) Operation is subject to prior coordination with the local Society of Broadcast Engineers, Inc. (SBE) frequency coordinator. Consult the list at http://freq.sbe.org/pdf_files/coordinators.pdf to find the appropriate coordinator.
- (4) The designated point-of-contact to terminate transmissions if interference occurs is Mr. Paul Billock at Mobile: 909-553-6141 and Office: (805) 985-3390 ext. 117
- (5) Operation is subject to consent of the following licensees within 150 miles of the test area:
 - Paging Service licensees in 152 MHz
 - Paging Service licensees in 152 MHz/158 MHz
- (6) Further requests for extension of the authority granted herein must be filed on Form 442, "Application for New or Modified Radio Station Authorization under Part 5 of FCC Rules - Experimental Radio Service." Future STA requests to extend this authorization will not be considered.
- (7) Station authorized herein must not be used to provide air traffic control communications.
- (8) The authorized station must be in compliance with the Federal Aviation Administration (FAA) requirements as set forth in Section 17.4 of the Commission's Rules.
- (9) ModulaTeam GmbH should be aware that NTIA is concerned over future development that may use spread spectrum as a solution for a UAS C2 link for beyond-line-of-sight purpose in the bands requested.
- (10) ModulaTeam GmbH must also notch out the following frequencies (+/- 5.5k): 153.830 MHz, 153.950 MHz, 154.025 MHz, and 154.235 MHz.