

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

EXPERIMENTAL

(Nature of Service)

WH9XRL

(Call Sign)

XT FX MO

(Class of Station)

0313-EX-ST-2014

(File Number)

NAME Planetary Resources Development Corporation

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:
Cubesat Arkyd 3

Station Locations

- (1) MOBILE: Low Earth Orbit, 400 km circ., 51.6 deg. inc.
- (2) Redmond (KING), WA - NL 47-40-01; WL 122-05-35

Frequency Information

MOBILE: Low Earth Orbit, 400 km circ., 51.6 deg. inc.

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
2.4-2.4835 GHz	MO	50K0F1D	2 W (ERP)	

This authorization effective October 03, 2014 and
will expire 3:00 A.M. EST April 02, 2015

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

Redmond (KING), WA - NL 47-40-01; WL 122-05-35

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
2.4-2.4835 GHz	FX	50K0F1D	2000 W (ERP)	

Special Conditions:

- (1) Following launch of the satellite, the licensee must notify the FCC through electronic submission to the license file, of the status of the satellite (transmissions commenced, etc.), not later than 7 days after commencement or expected commencement of transmissions, and of termination of transmissions, not later than three months after such termination.
- (2) NASA concurs subject to Planetary Resources Development Corporation's (PRDC) agreement to adhere to a 16-km keep-out zone (KOZ) between Arkyd 3 and the International Space Station (ISS) for Arkyd 3 during its on-orbit mission life, including the initial spacecraft separation from the ISS (deployment), and to inhibit PRDC ground station uplink when both the Arkyd 3 and ISS are visible to the PRDC ground station.