

**From:** [Wayne Morris](#)  
**To:** [Laverentz, Jennifer](#)  
**Cc:** [Chriss Brown](#); ["Hankins, Danny" \(dhankins@txtav.com\)](#); [AFTRCC \(Sneyder\)](#)  
**Subject:** Fwd: [Non-DoD Source] AFTRCC ICN 1439-21/8878 (Kansas Univ Aero Ice Sheet Testing-Deadhorse, AK)  
**Date:** Monday, July 26, 2021 4:36:08 PM  
**Attachments:** [image001.png](#)

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This email is your AFTRCC coordination.

This coordination includes this header information, DOD Area Frequency Coordinator comments and AFTRCC comments. These messages must not be separated.

This coordination is advisory only and not binding on the FCC. Applicants are advised that this coordination does not constitute a judgment that the frequency(ies) is best suited for the applicant's purpose nor that the frequency(ies) is exclusive to the applicant. Flight Test frequencies are shared and may require scheduling with other users.

In return for AFTRCC's processing of the applicant's coordination request, the applicant agrees to release and hold harmless AFTRCC, its officers, directors, agents, members, and representatives from any claims, losses or expenses that may arise from the use of the frequency.

This coordination is not an authorization to transmit. A copy of this coordination must accompany application to the FCC.

Signed:  
Wayne Morris  
AFTRCC Telemetry Coordinator  
903-450-5942

----- Forwarded message -----

**From:** **KORTBEIN, JAMES M GS-12 USAF USNORTHCOM ALCOM/J641**  
<[james.kortbein@us.af.mil](mailto:james.kortbein@us.af.mil)>  
**Date:** Mon, Jul 26, 2021 at 4:31 PM  
**Subject:** RE: [Non-DoD Source] AFTRCC ICN 1439-21/8878 (Kansas Univ Aero Ice Sheet Testing-Deadhorse, AK)  
**To:** Wayne Morris <[5600wayne@gmail.com](mailto:5600wayne@gmail.com)>  
**Cc:** WOODALL, TIMOTHY P GS-13 USAF USNORTHCOM ALCOM/J64  
<[timothy.woodall.3@us.af.mil](mailto:timothy.woodall.3@us.af.mil)>

Wayne,

DoD JFMO AK concurs with the STA as requested. Thank you.

v/r

James Kortbein

DoD Area Frequency Coordinator/Joint Frequency Management Office-Alaska

Alaskan NORAD Region and Alaskan Command (ANR and ALCOM) /J641

9480 Pease Ave, Ste 212

Joint Base Elmendorf-Richardson, AK 99506-2101

DSN: [317-552-7183](tel:317-552-7183) | vIPer: [317-552-7183](tel:317-552-7183) | Comm: [907-552-7183](tel:907-552-7183) | Gov't Cell: [907-229-8079](tel:907-229-8079)

NIPR-GVS: [6445334503](tel:6445334503) | SIPR-GVS: [6245334189](tel:6245334189) | JFMO-Alaska SIPR-GVS: [6292001134](tel:6292001134)

NIPR: [james.kortbein@us.af.mil](mailto:james.kortbein@us.af.mil)

SIPR: [james.m.kortbein.civ@mail.smil.mil](mailto:james.m.kortbein.civ@mail.smil.mil)

NIPR Portal: <https://northcom.deps.mil/sites/alcomportal/J6/J64/default.aspx>

SIPR Portal: <https://northcom.deps.smil.mil/alcomportal/J6/J64/default.aspx>

SXXI: JFMO-ALASKA



**From:** Wayne Morris <[5600wayne@gmail.com](mailto:5600wayne@gmail.com)>

**Sent:** Monday, July 26, 2021 12:37 PM

**To:** KORTBEIN, JAMES M GS-12 USAF USNORTHCOM ALCOM/J641 <[james.kortbein@us.af.mil](mailto:james.kortbein@us.af.mil)>

**Subject:** [Non-DoD Source] AFTRCC ICN 1439-21/8878 (Kansas Univ Aero Ice Sheet Testing-Deadhorse, AK)

AFTRCC concurs with and requests DoD JFMO AK concurrence/coordination on the following

STA request to support KU/NASA endeavour to study sea ice in the Arctic.

Applicant:

Kansas Univ.

2335 Irving Hill Rd.

Lawrence, KS

POC: Jennifer Laverentz (785-640-2568)

Frequencies: 2360.0-2395.0 MHz / 5091.0-5150.0 MHz

Station Class: MOEA

Emission: 6G00G3N

Power: 100 watts (ERP)

Location: Deadhorse, AK (70.200523 N 148.461380 W)

MIRAD: 200 miles (320KM)

Maximum flight altitude: 4500',MSL

Dates: 2021-10-01 thru 2022-03-31

AFTRCC comments: non-interference basis to Flight Test telemetry.

AFTRCC database check confirms no conflicting assignments within 250 mile radius.

NASA funded study of sea ice in Artic. Most testing will be conducted off shore and all

flight details will be coordinated with the appropriate FAA agency. System is a frequency modulated

continuous wave radar that emits a 2-8 Ghz chirp. The chirp duration is 200 microseconds and rep rate

is 5 KHz. Flights during requested period will be intermittent as required and weather

permitting.

Please reply via return email as to concurrence, non-concurrence, scheduling if required and any additional comments.

Signed:  
Wayne Morris

AFTRCC Telemetry Coordinator