

**From:** [McCune, Kendall](#)  
**To:** [Rick REASER](#); [CLARENCE BANKS](#)  
**Cc:** [Zimmerman, Brian](#); [Myers, Stacy](#)  
**Subject:** [External] FW: Follow Up: Request for Written Consent to Operate in the 14-14.5 GHz Band, FCC File Number 0778-EX-CN-2018  
**Date:** Tuesday, October 30, 2018 12:14:48 PM  
**Attachments:** [image001.png](#)  
[Koch Pipeline Company Earth Station Coordination Letter\\_14Oct18.pdf](#)  
[ATT00001.htm](#)

---

Rick / Clarence,

Flint Hills Resources, LC gives Raytheon Space and Airborne Systems consent to conduct intermittent, six (6) hour per day testing for one (1) year, commencing in November 2018, using a satellite uplink and ground terminal(s) with the following parameters:

Satellite Uplink Parameters

Service Provider: L-3 Global Communications Solutions, Inc  
Spacecraft: SES-2  
Orbital location: 273° East Longitude  
Orbital Separation: 3 degrees  
Link Budget: Clear sky  
Uplink frequency: 14062.0 MHZ  
Emission Designators: 2M7G1D, 4M40G1D and 11M5G1D

Earth Station Parameters

Location: Burn Flat, Washita County, OK  
Lat-Lon: NL 35-00-36; WL 96-37-12, mobile with 200 km radius  
Ant Gain: 48.4 dBi: MSL 578 m, AGL 236m  
Location: Greenville, Hunt County, Texas  
Lat-Lon: NL 37-07-12; WL 96-38-24, mobile with 200 km radius  
Ant Gain: 32.6 dB: MSL 165, AGL 61m

Regards,

Kendall McCune | Compliance Manager

*Flint Hills Resources Compliance Office*

Office: 316.828.7373 | Cell: 316.300.6308

Email: [kendall.mccune@fhr.com](mailto:kendall.mccune@fhr.com)



---

**From:** Rick REASER <Richard\_Reaser@raytheon.com>

**Sent:** Monday, October 29, 2018 6:32 PM

**To:** McCune, Kendall <Kendall.McCune@fhr.com>

**Cc:** CLARENCE BANKS <Clarence\_N\_Banks@raytheon.com>; Herbert, Nicholas <Nicholas.Herbert@fhr.com>

**Subject:** Follow Up: Request for Written Consent to Operate in the 14-14.5 GHz Band, FCC File Number 0778-EX-CN-2018

Sent by an external sender. Use caution opening attachments, clicking web links, or replying unless you have verified this email is legitimate.

---

Mr. McCune:

Nic Herbert provided me your name and phone number this afternoon.

Clarence Banks in our shop left two voicemails for Everette Swanson and never heard back. I sent a few emails to Stan Chandler and never received a response. I called the Koch Pipeline Company operator in Wichita, KS today. The operator indicated that Everette Swanson was with a different company now and that Stan Chandler had left. The operator thought Eric Palmquist might be the right person for us to communicate with. Eric called me and indicated that Nic Herbert might be the correct person. Nic Herbert sent me an email that you might be the correct person.

Your FCC license apparently has incorrect information on it. Someone should update that.

Please review the attached letter and get back with Clarence Banks, soon. He'll probably call you tomorrow (Tuesday).

**Rick Reaser**

Head, Spectrum and E3 Department  
Space and Airborne Systems  
**Raytheon Company**

+1.310.647.3762 office  
+1.310.227.5534 mobile  
+1.310.647.2347 fax  
[richard\\_reaser@raytheon.com](mailto:richard_reaser@raytheon.com)

---

**From:** Rick REASER

**Sent:** Sunday, October 14, 2018 10:18 PM

**To:** Chandler, Stan - Koch Pipeline Company ([stan.chandler@kochpipeline.com](mailto:stan.chandler@kochpipeline.com))  
<[stan.chandler@kochpipeline.com](mailto:stan.chandler@kochpipeline.com)>

**Cc:** CLARENCE BANKS <[Clarence\\_N\\_Banks@raytheon.com](mailto:Clarence_N_Banks@raytheon.com)>

**Subject:** Request for Written Consent to Operate in the 14-14.5 GHz Band, FCC File Number 0778-EX-CN-2018

Mr. Chandler:

Per instructions from the FCC Office of Engineering Technology (OET), Raytheon Space and Airborne Systems requests your written consent to conduct intermittent, six (6) hour per day testing for one (1) year, commencing in November 2018 in the 14-14.5 GHz band.

Please see attached letter for details.

**Rick Reaser**

Head, Spectrum and E3 Department

Space and Airborne Systems  
**Raytheon Company**

+1.310.647.3762 office

+1.310.227.5534 mobile

+1.310.647.2347 fax

[richard\\_reaser@raytheon.com](mailto:richard_reaser@raytheon.com)