



***** URGENT ENGINEERING INFORMATION *****

DATE: August 24, 2018
FROM: Eric Wiler, SVP Technology and Operations
TO: All Satellite Affiliates
SUBJECT: C Band Satellite Registration Updated

As you know, the FCC issued a public notice regarding a 90-day opportunity to register existing C Band Downlinks. All major commercial broadcast services (e.g., Television, Radio, Cable) are delivered via C Band Satellite service. To ensure every dish is considered, the deadline for registration has been extended to October 17, 2018. **In the Notice of Proposed Rulemaking (Published in July), the FCC proposed for satellite downlinks to receive protection from interference caused by any new services, C band downlinks (your satellite receive dish) must be registered with the FCC.** To ensure uninterrupted service to your satellite programming, **it is critical** that you register your downlink so the FCC is aware of your location by the **October 17, 2018 deadline.**

Typically, registration requires a Frequency Coordination Study (\$1,500) plus a \$435 filing fee. During the 90-day window, the FCC waived the first fee and only the \$435 filing fee applies. It is possible the FCC will later charge the \$1,500 study fee. Westwood One's satellite provider, **SES, has set aside a pool of funding to reimburse those broadcasters for whom the \$435 registration fee is a hardship. This reimbursement is subject to the terms set by SES for earth stations registered between July 25, 2018 and October 17, 2018 in the continental United States.** For questions, contact SES directly at FCCregistration@ses.com or by phone 609-987-4300.

The FCC believes that if you do not register your downlink during this window, you do not need interference protection moving forward. Accordingly, it is our recommendation that your station immediately register your downlink. You may register using the paper form FCC Form 312, online at <http://licensing.fcc.gov/myibfs>, or engage a third party to assist you. For further information refer to <http://technology.westwoodone.com>.

Your registration is key to helping the FCC understand how many existing downlinks exist and where they are and the potential outcome of any decision they may make to expand the use of C Band to mobile broadband data services.

If you have any questions, please email dishreg@westwoodone.com for the fastest response.

DISH REGISTRATION FREQUENTLY ASKED QUESTIONS

I registered my dish before July 25th, will SES Reimburse this expense?

No. Reimbursement may be available subject to the following conditions:

- Proof of submission of the FCC registration fee must be submitted to FCCregistration@ses.com by October 31, 2018;
- Only new registrations submitted between July 25, 2018 and October 17, 2018 are eligible for reimbursement;
- Reimbursement is limited to the registration of \$435 per downlink dish; and
- Reimbursement is at all times subject to the availability of appropriate funds by SES. No further charges or costs will be reimbursed by SES. Station eligibility is not dependent on the size of their operation, however it is SES' goal to assist those for whom the expense is a barrier to the registration process.

I am trying to register and the online form says new registrations are not being accepted?

The 312EZ form is not acceptable for this process, you must use the full form 312.

Why is the FCC considering the C Band for data?

The extensive use of mobile devices, Wifi and other data services has created a constant need for radio spectrum and the government is considering all possible options.

What happens if I don't register?

You are waiving your station's rights to have your downlinks considered by the FCC and any interference situation will be a local issue to resolve.

Why isn't Westwood (or another network) registering my downlink for me?

Just as TV stations don't furnish televisions, Networks are programming providers and do not provide the dishes specific to stations. Further, your dish information is not available to us.

Does this impact only Westwood One?

No. All C Band Radio, Television and Data services on every satellite are at risk.

Is it possible to do full registration during the 90 day window (with frequency coordination)?

The FCC's notice indicates the protection is only with a frequency coordination study, then says register to provide protection. Filing with the Comsearch study (which costs the extra \$1,500) is preferable, but if cost is a major consideration, the basic registration (\$435 FCC fee) is available.

Can I use the Internet for program delivery?

XDS and Wegener receivers have Internet BACKUP capability. Neither of these platforms are engineered to provide reliable delivery via Internet only. Westwood One recommends using satellite transmission with Internet only as a backup to ensure reliable delivery.

Why not move to another band, KU for example?

KU Band satellite is an alternative however it suffers from loss of signal in heavy precipitation and is not considered reliable for broadcast. There is also not enough capacity to move all C Band services to KU.

Does this only impact radio services?

No. This move impacts Television, Cable, Radio and C band data services. This is not isolated to a single satellite but the entire “universe” of broadcast delivery.

Can Westwood One fill out the forms for me?

No. As your network, we are not authorized to apply on your behalf for governmental licensing. Fill out the Form 312. If you have questions, email dishreg@westwoodone.com.

We just re-aimed to the new satellite, is this related?

No. The re-aim from AMC-8 to SES-11 was precipitated by the end-of-life for the AMC-8 satellite. The FCC’s consideration of the C Band frequencies came after the move, and impacts every satellite in the arc, and all broadcast services.