



## Moody Radio: This Just In ... Mar. 31, 2016

### Attention: All Affiliates equipped with the XDS-PRO1Q or XDS-PRO4Q satellite receiver...

Please forward this e-mail to your station's Engineer and/or Operations personnel ASAP, if this information does not apply to you specifically.

#### Key dates for your planning calendar:

- SES-2 Center Frequency Change affects all Christian Radio Consortium downlinks | April 1-30
- Moody Radio's XDS-PROQ Receivers change frequency | April 13 at 10:59 a.m. CDT
- Unity 4000 receivers change frequency | April 12 at 11 a.m. CDT
- Amb-OS Receivers change frequency | April 11 at 6:15 p.m. CDT

#### XDS-PROQ Receiver Frequency Change | April 13, 2016

Moody Radio and other members of the Christian Radio Consortium will be making a change to the center frequency on SES-2 from its current setting of 4043.425 MHz to 3832.450 MHz in the month of April. All other satellite receiver settings will remain exactly as they are currently configured.

(The Moody-1 carrier serving locations in Alaska and elsewhere via our AMC-8 satellite feed are not affected by this change.)

The change, which should be nearly instantaneous when implemented, is being made in conjunction with our satellite service provider Microspace Communications in the XDS Network Management System.

Affiliates are encouraged to place any back-up or "off-line" receivers back onto the SES-2 satellite feed prior to the scheduled change dates noted above in order to capture the XNMS commands to switch your XDS-PROQ satellite receiver(s) to the new frequency.

Additional details including instructions to manually retune XDS-PROQ Receivers, and many other satellite receivers have been documented in our **Tech Specs — XDS-PROQ Frequency Update:**

[http://www.moodyradio.org/affiliates/uploadedFiles/Microsite\\_-\\_RadioNetDev/Library/TechSpecs\\_XDS-PROQ\\_Receiver\\_Frequency\\_Update\\_04-13-2016.pdf](http://www.moodyradio.org/affiliates/uploadedFiles/Microsite_-_RadioNetDev/Library/TechSpecs_XDS-PROQ_Receiver_Frequency_Update_04-13-2016.pdf)

Engineers and operations managers are advised that there will be a 30-day simulcast of the CRC carriers on both the current Transponder 17H and the new Transponder 7H beginning April 1. So engineers may manually make the receiver frequency changes anytime beginning April 1, but are advised to complete

the change by April 25. Microspace Communications plans to mute SES-2 Transponder 17C for 1 Hour a day, 4/25/2016 to 4/29/2016 from 12:00-13:00 EDT to find affiliates who have not completed the Frequency change.

**Note that Eb/No Levels will change** as a result of this frequency change. Early testing predictions made by Microspace Communications indicate downlinks with current Eb/No levels of >13 (greater than 13) will likely see Eb/No levels drop to 11.1 on the XDS-PROQ receivers and about 10.1 on the Unity 4000 receivers.

If your satellite receiver fails to change automatically by the above noted dates, please take action to manually update your frequency setting before the end of April, when the scheduled transponder simulcast will end April 30.

If your station experiences Moody-1 satellite reception problems (drop-outs or signal fades) following the frequency change, or have any related questions, please immediately call us toll-free at 1-800- 621-7031. You may also call Dave Woodworth at (312) 329-4435 or e-mail [dave.woodworth@moody.edu](mailto:dave.woodworth@moody.edu). For additional assistance with your XDS-PROQ satellite receiver, contact [xdssupport@moody.edu](mailto:xdssupport@moody.edu).

Sincerely in His service,



**David P. Woodworth**  
Senior Representative | Radio Marketing and Affiliate Relations  
(312) 329-4435  
(312) 259-9383 (mobile)  
(800) 621-7031 (toll-free)  
(312) 329-4468 (fax)

820 N. LaSalle Blvd., Chicago, IL 60610  
[www.moodyradio.org/affiliates](http://www.moodyradio.org/affiliates)

*From the Word to Life®*