



Hello

This issue is all about Safety; read about electrical safety, safety best practices for your station, seasonal safety tips 'n tricks, and watch a safety webinar. Plus congratulations to Dave Kalahar, our latest iPad Mini winner for his [Nautel AUI story](#).

Do you have a safety tip or best practice you'd like to share? [Let us know](#) and we'll publish it in a future issue.

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Electrical Safety for Broadcasters

Tim Hardy, Nautel's Head of Engineering, talks about how to manage electrical safety at broadcast sites.

Specific topics covered include: the necessary elements of an effective electrical safety program; the required steps to implement such a program including an arc flash study; training; as well as useful references.

[Read Electrical Safety for Broadcasters >](#)



Station Safety Best Practices

Like the broadcast engineers we serve and support, many Nautel personnel work with hazards such as high voltages and RF.

Remembering John Innes



In late October we were saddened to hear of the passing of John Innes who was a dear friend to many here at Nautel and throughout the industry. He will be greatly missed.

Top Facebook Links



[Chris Tarr's Tme-Saving AUI >](#)



[Sean Mattingly First Responder >](#)



[Diego Generación's GV5 >](#)

Upcoming Events

KBP, Nov 25-28
Tagaytay City, Philippines

BES Expo, Feb 4-6
New Delhi, India

No one wants injuries at their workplace, so this article aims to share some of what we do at Nautel and suggest ways that stations might use similar initiatives to formalize their own safety policies.

[Read Station Safety Best Practices >](#)



We are very proud that Nautel has a strong safety record and recently became 'Safety Certified.'

What's your reason for arriving home safe every night?



Safety Tips 'n Tricks by Jeff Welton

Jeff has discussed many different aspects of broadcast engineering safety to date. In this issue he covers specific seasonal safety tips.

[Read Seasonal Safety Tips 'n Tricks >](#)



Submissions for this Tips 'n Tricks column are encouraged and if published you'll receive a Nautel T-shirt. Submissions should be typed and emailed, with high resolution photos, to info@nautel.com using the subject line Tips 'n Tricks.

LPFM Corner (EAS) by Christy Lynn White

In this issue our focus is safety, and one of the questions I hear all the time from LPFM customers is around Emergency Alert Systems (EAS). I often get asked, "Does the transmitter take care of the EAS requirement?" The answer is no. No LPFM transmitter on the market today offers EAS functionality. You will need a separate piece of equipment and there are a number of great manufacturers out there ([FCC Certified EAS Equipment Vendors](#)).



EAS is a national public warning system that is designed to allow the President to address the American public during a national emergency. It is also used by state and local authorities to deliver important emergency information like weather warnings.

There are a few important points for LPFM stations to note when looking at EAS equipment. First, LPFM's only have to be able to

NRB Proclaim16, Feb 24-26

Nashville, TN

CABSAT, Mar 8-10

Dubai, UAE

NAB, Apr 17-21

Las Vegas, NV

NUG@NAB, Apr 17. Details TBA

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decode an EAS message, but not encode. Second, broadcasters also have to be able to receive and decode Common Alert Protocol (CAP) messages and rebroadcast them in EAS format. Lastly, stations must keep an EAS log for two years; many simply print their log each month and keep a binder. When looking for an EAS unit, you should keep these points in mind. For more on EAS for LPFMs, check out these articles: [Radio World](#), [Broadcast Law Blog](#).

If you are interested in learning more about the [Nautel VS300LP transmitter for LPFM](#) please contact Christy White directly at christy.white@nautel.com

TV Update (Safety) with Fred Baumgartner

In this issue, Fred declares transmitter engineers as the Green Berets of broadcast engineers as he reminisces about the importance of safety, especially in the 'stupid hours.'



[Read More >](#)

Submissions for this TV Update column are encouraged and if published you'll receive a Nautel T-shirt. So please give Fred a call at 303-325-7988, or better yet, drop a note to FredB@Nautel.com.

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