



ClampStar Newsletter

January 12, 2011

Greetings,

Welcome to the ClampStar newsletter. This monthly newsletter is where we periodically highlight a variety of unique and interesting ClampStar stories and offer educational, industry related tips.

CLICK TO SEE:

- ✓ Demo Video
- ✓ Utility Photos
- ✓ IR Video
- ✓ Test Reports
- ✓ Installation Video
- ✓ Past Articles

Overhead Conductors (What's an Arbutus?)

Arborists would say that Arbutus is a genus of at least 14 species of flowering plants and Canada's only native broadleaf evergreen, but we know it's actually a 795 kcmil, 37 strand all aluminum conductor (AAC).

In North America electrical conductors are given unique code names to define their construction. ACSR conductors, for example, are named for birds, AAC for flowers, and AAAC for cities. Standard code word names can be modified by inclusion of appropriate suffixes, such as Drake/ACSS/HS for a 795 kcmil 26/7 concentric round strand aluminum conductor steel supported with a high strength steel core, or Drake/HVCRC/TW to define a 1020 kcmil composite core conductor made with annealed trapezoidal aluminum strands, resulting in a conductor that contains 28% more aluminum in the same diameter as Drake ACSR.

Custom ClampStar

Do you have an upcoming connector repair or up-rate project? Give us a call, or click [here](#). One of our application engineers will be happy to discuss your project.



Next Month's Topic...

"Insulation Coordination" (Click [here](#) to automatically receive future editions of this newsletter.)

For the USA and Canada, The Aluminum Association Publication 50, "Code Words for Overhead Aluminum Electrical Conductors" contains listings of all registered code names. The publication also outlines the procedure for registering new code names and includes listings of code words for UD cables and other conductors made and used in Canada and Great Britain. [Read more.....](#)

ClampStar Events

APPA E&O Tech. Conf.
Nashville, TN
3/20-23, 2011

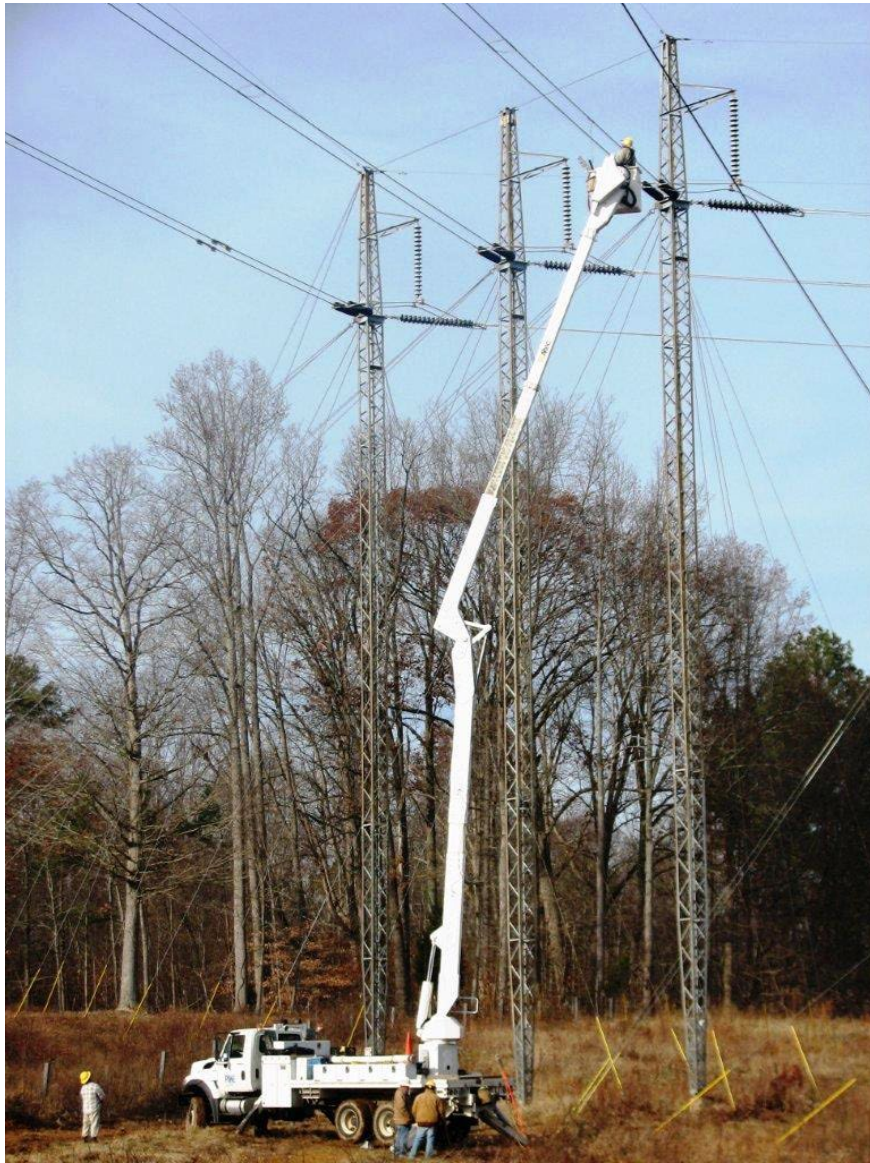
ESMO - Providence,
RI 5/16-19, 2011

S.E.E. - Orlando, FL
6/29-7/1, 2011

Pike Electric Installs ClampStar in Rome, GA

On a cold morning in early December, a Pike Electric lineman ascended toward a live Georgia Power, 230kV transmission line having several aged splices of questionable integrity. With the need to keep the line in service, Pike was brought in to perform these repairs bare-hand, on the energized line using ClampStar CSF-1108 units. Due to unusually heavy rains the previous few days, Pike brought in a dozer, as the buckets could not attain their positions alone due to the mud.

[Click here for installation photos](#)



Using only two trucks, with one lineman in each live-line bucket working independently, Pike repaired 10 splices in less than 5 hours including moving the trucks several miles between and placing them with the dozer. As was expected, installation time averaged 10-12 minutes per unit including corona shields. The normal process of cutting out the splice and replacing it with two splices and a section of conductor inserted between would normally take much longer, especially with muddy conditions. [Read More.....](#)

If you're ready to start experiencing all the benefits that ClampStar has to offer, please contact us and we'll be sure to get you 'connected'.

Sincerely,

Chris Costanzo
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