



# Hill Country Connection

Volume 3, Issue 1

1st Qtr - April 5th, 2013

## Special points of interest:

- **HCC Wins the Golden Bucket award**

## HCC Chapter Wins this years Golden Bucket Award

The Gulf Coast Chapter held their 5th annual Cable Games competition at the North Shore Country Club in Portland, TX.

Attending the competition were SCTE members from Corpus Christi, RGV, San Antonio and Golden Triangle from Time Warner Cable, Grande Communications and Charter.

Also Attending the event to show support and to also compete within the games was our very own Hill Country Chapter from Austin, TX for the 4th annual friendly competition of the Golden Bucket Award. The Gulf Coast Chapter and Hill Country Chapter gets together annually to hold this friendly competition for bragging rights and show which chapter has the better team of skilled technicians.

Competing this year from the Hill Country Chapter was Jeremy Peel, Scott Shelton, Rick Garza and Joseph Cannons.



**Golden Bucket Winners**

Jeremy Peel, Scott Shelton, Rick Garza and Joseph Cannons.

**Congratulations to the Hill Country Chapter for winning the 2013 Golden Bucket Award. Good Job Guys!!!**

## SKYWARN morning session at SCTE HCC Training Meeting March 20th held in Austin

On March 20<sup>th</sup>, 2013 The Hill Country chapter was pleased to have Paul Yura from Skywarn present a training class on Weather preparedness in the morning and Sam Elliot from ZTE present a training class on Passive Optical Network's (PON) in the afternoon.

### Here is a brief overview:

Paul Yura, Warning Coordination Meteorologist with the Austin-San Antonio National Weather Service, presented an in-depth look into the creation of weather phenomenon's and the aftermath destruction left behind from previous storm activity.

With over 20yrs of experience Paul gave a recollection into the past displaying pictures and video of floods, tornadoes and hurricanes that were previously recorded from first person points of views both during and after the weather events.



**SKYWARN presentation by Paul Yura**

SCTE members were also provided with brochures, stickers and a chance to sign up to become a SKYWARN Spotter.

**A quick tip: Turn Around, Don't Drown!**

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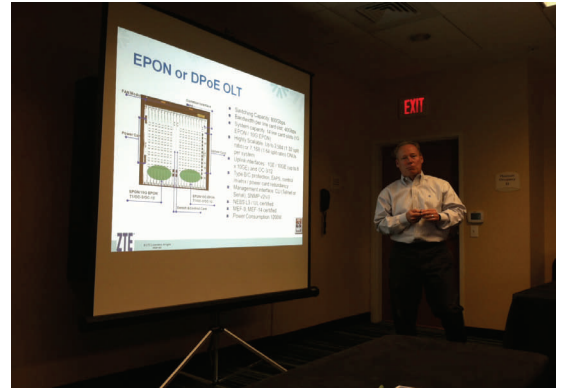
**ZTE Afternoon session at SCTE HCC Training Meeting March 20th held in Austin**

**Introduction to PON, DPOE and Epon over Coax for Business Services - presented by Sam Elliot.**

Sam Elliot from ZTE gave us an overview of different Passive Optical Network's (PON) that are available and currently being used in today's markets. Some of the different types of PON's that were covered included EPON, EPoC,

GPON, WDMPON, RFoG and DPoE or DEPON. Sam showed members the advantages of current optical network's over the networks of yesterday and the current applications that are supported including voice, video, high speed data,

FTTH migration and cell tower back-haul. Sam has been involved in the Telecommunication industry for over 30yrs working for Arris, Juniper, ADC, Arcom, Hitachi, Harmonic and now ZTE, gladly sharing his experiences



**PON presentation by Sam Elliot**

within the training session. If you missed the presentation you can email the Hill Country Chapter for a copy of the power point presentation "Intro to PON 101."



*Don Jacobs, our HCC secretary is our HCC Proctor to help get you SCTE certified. Contact Don to find out more or to schedule testing.*

[djacobs@channell.com](mailto:djacobs@channell.com)

**SCTE Certification**

To schedule SCTE certification testing, please use the following contact information: Don Jacobs ([djacobs@channell.com](mailto:djacobs@channell.com))

**Hill Country Chapter's Newest Certified Individuals**

Name	Company	Certification	Date
None this quarter			

## Fun Facts we learnt from the past training Event

1. 1ft of water displaces 1500lbs of weight
2. Texas is typically #2 when it comes to lightning deaths within the U.S.
3. Hail falls at around 100+mph
4. EF5 consist of winds +200mph
5. Turn around don't drown!



### What you don't know about CPD can be severely customer affecting

Did you know that a raised noise floor in the return path is most likely CPD (Common Path Distortion)?

Here is how you can tell. If the noise floor is tilted it might just need to be re-swept and adjusted. If the raised noise floor is flat it is most likely digital CPD.

A CPD raised noise floor can decrease your C/N (Carrier to Noise) by as much as 20 dB, making your return modem carriers drop out, slow down and constantly retransmit.

Most people know that spikes in the return path about 6MHz apart are CPD. You may not know that this really only applies when the majority of your RF channels are analog. Now days with the

majority of these channels being digital, very few, if any spikes will show up in the return path.

There are products available that can, very quickly, help you track the exact location of these offending CPD events.

Please contact Kendall Robinson at Arcom to find out more.

[robinson.kendall@arcomlabs.com](mailto:robinson.kendall@arcomlabs.com)

*“Try not to become  
a man of success  
but rather try to  
become a man of  
value.”*

*Albert Einstein*

## HCC 2013 Events - Mark your calendars

- **May 15<sup>th</sup>, Digital Leakage and Connectorization (Arcom and PPC)**
- **June 12<sup>th</sup>, HCC SCTE Cable Games**
- **July 17<sup>th</sup>, FCC Digital Testing (Sunrise Telecom) and CWDM Cell Tower Backhaul**
- **Oct 23<sup>rd</sup>, TBD**
- **Nov 13<sup>th</sup>, Bjorns visit- San Antonio**



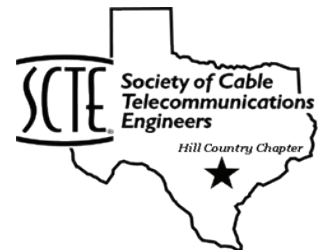
**Please visit our Website:**  
**[www.hillcountryscte.org/](http://www.hillcountryscte.org/)**



*Society of Cable  
Telecommunications  
Engineers*



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The Texas Hill Country Chapter of SCTE is dedicated to advancing the careers of cable telecommunications professionals and serving the industry through excellence in professional development, information, and standards.