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| **2017 IUOTA Conference Agenda** |

**Host Utility – Asplundh Construction**

**Host Vendor – Irby**

***IUOTA OFFICERS***

***Chairman –*** *Robert Bo Maryyanek, Asplundh Construction Corp*

 ***Secretary*** *– Mark Taylor, ENMAX Power Corporation, Calgary Canada*

***Assistant Secretary*** *– Leon (Chip) Wetherell, National Grid*

**Tuesday, August 22, 2017**

 IUSTA/IUOTA joint Session, Asplundh Opening Remarks – Marcus Odom – Manager of safety with Asplundh

 Welcome / **Call to Order**, Chairmen Michael Halupa & Mark Taylor for Robert Maryyanek – **Called to order:** The 2016 Conference of the Inter-Utility Overhead Training Association (IUOTA) and Inter-Utility Substation Training Association (IUSTA) was held at the Sturbridge Host Hotel in Sturbridge, Mass on August 22, 2016. The meeting was called to order at 8:05, by IUSTA Chairman, Michael Halupa, PSEG - Long Island, and Robert “Bo” Maryyanek of Asplundh Construction presiding.

 Roll Call from both organizations, Attendee Introductions - All Members - Name and Utility or Vendor being Represented– Secretary, Commodore Sinclair, Mark Green, Chip Wetherell, & Mark Taylor

 Future meetings – Chairmen Michael Halupa & Mark Taylor for Robert Maryyanek

IUTOA/IUSTA will be in Calgary 2017 August 20th 2018. Jelco will be the host vendor. ENMAX Power Corporation will be the host utility.

 Announcements – Chairmen Michael Halupa & Mark Taylor for Robert Maryyanek

 IUOTA Minutes from 2016 meeting – Co-Secretary Chip Wetherell

**Approval of the Meeting Minutes:** Motion was made by Bud Korn SCE and seconded by Denise Dudek Asplundh Construction to approve the minutes of the IUOTA 2016,– August 17th and 18th held in Boise Idaho, **Motioned carried**.

 **Key Note Speaker: Dr. Andrew Murro – Ergo Power:**

Introduction to Understanding Cumulative Trauma is a slow wear and tear process. No direct cause or pain right away. Low back trauma from ergonomics, lack of stretching ,strengthening, and body mechanics. Stressful techniques and lack of stretching contribute to the injury. Face forward and keep tools close, use the legs to help mitigate injuries. Keep the spine vertical. Warm up and take micro breaks stretching.

**Accident/Incident reports: was conducted with Moderator, Mark Taylor for Robert “Bo” Maryyanek- Asplundh Construction. UTILITY MEMBERS ONLY.**

 Bus trip to IRBY test lab for Lunch & tour – West Boylston

 Meeting adjourned for day

 Sit down dinner sponsored by Eversource - Hawthorne Exhibit Hall

 Robert Coates gave an overview of Eversource and their safety program including 6 steps to switches.

 **5 minute showcase time for 6 vendors**

Irby – Dan Kielbasa, gave us an overview of Irby’s services including testing and mobile hot gear testing they provide.

 Alexander Publishing –Rich Alexander, training books and videos. Can demo at their website by using password IUOTA 2017

 Buckingham – Ryan Beckhorn, wood pole restriction ezy squeeze and tough rope secondary lanyard.

 John Vane – Burndy, fast tap connector, crimp and cutting tool, inline clamp.

 Dan Scully – Ripley tools, primary and secondary prep tools, tree wire stripper.

 Mark Rapacki – Klein Tools, new tree cable wire grip, web strap hoist, cable knife with replaceable blade, 3 in 1 stripper tool.

 Vendor / Guest raffle time

 Comedian Mike Murray, sponsored by Rich Alexander, Alexander Publications.

**Wednesday August 23, 2017**

 Begin IUOTA /IUSTA Break-out Session – Hawthorne Exhibit Hall

Call to order at 8:00 Robert Maryyanek gave a safety moment about a recent incident.

Talked about a new logo vote, ballots were handed out. Conversation took place about Robert stepping down and Mark taking over as Chairman. Is anybody else interested in the executive jobs?

**5 minute showcase time for 6 vendors**

Jordan Kozub - Airspade, air digging tool for daylighting has a jackhammer mode.

Gary Scandiff – Youngstown gloves, arc rated, FR, cut resistant gloves

James Martin – Makita tools, batteries on different tool manufacturers, it is the engine.

Buddy Cadwell – Bashlin Industries, Patriot fall restraint ergonomist approved. Rest SR suspension trauma ladders.

Peter Kumiega - VF image wear, Bulwork FR clothing and just acquired Dicky’s work wear, Hi Vis clothing for different applications, also IQ lightest clothing

 Paul Carnes – Lowell Corporation, potential application opportunities.

 Review and select the updated IUOTA LOGO/ Discussion on election of officers

Begin underground group Break-out Session – Seminar Theater

* RAYCHEM 1-piece cold shrink splices with the use of a shear-bolt connector
* Underground Personal Protection Grounding in Manholes: Employee Safety & OSHA 1910.269 section (n) are the drivers for establishing a work method that provides appropriate worker protection while working on de-energized equipment. There are two primary hazards that need to be addressed.

 1. Accidental Energization of the equipment that work is being performed on. 2. Adjacent circuit fault that is using the cables concentric/sheath and conductor that a worker is working on as a fault current return.

 **Leon “Chip” Wetherell (National GRID) – Tick Awareness and Prevention**.

 340,000 cases in the US, National Grid has 5 tick encounters a day. Mainly in N.E. states but it is spreading. Powassan virus and Lyme Disease can come from tick bites. It is not isolated to one particular type of tick. Use Permethrin on your clothes only, use DEET only on your skin not clothes. Wear light color clothes, tuck shirts and pant legs in. Brush ticks away, perform a tick check, put clothes in the dryer for

 high heat for 10 minutes. Remove with tweezers, grab by the head and pull out.

 **5 minute showcase time for 3 OH vendors**

Brian Newbury - Certified Safety MFG, first aid kits, revamped by new ANSI standard.

Paul Slot – Waterjel, product line for burns including new clear gels and fire blankets.

Justin Tate – 3M Fall Protection, self retracting lanyard, self rescue wear it on your back, delta comfort harness, bucket nanolok

 **Paul Mackintire (Eversource) – Leading Indicators**

OSHA states you can’t incent people on lagging indicators. Using predictive analysis to address, potential future injuries, events, incidents. Use audits, awards, recognition, near miss, safety training, observations.

 How – Identify Hazards

 Shall – Special Precations

 Everyone – Energy Source

 Plan – use PPE

 If we can predict it we can prevent it! Serious injury fatality (SIF) has predictability looking at near misses, incidents, injuries, exposures. Use probability and severity on a chart to predict future events and then put mitigation strategies in place.

 **Patrick Doyle and Alison Magee, KGA Inc. The Opioid Epidemic: Awareness, Prevention & Information.**

Opioids are used to manage pain, there is 10 different types of medication. 21-29% misuse prescribed opioids for chronic pain. Opioids have killed 33,000 Americans in 2015, 91 everyday.

Symptoms include; flu like symptoms, Itchy skin, watery eyes, runny nose, dark circles under the eyes tiny pupils, weight loss, slurred speech, drowsiness, nodding off. Job performance issues include attendance issues, patterned absenteeism, productivity, mistakes, moodiness, distractibility, not always at work station. Myths and facts were presented (can quit anytime, addiction is everywhere and in every class) 12 step recovery programs are the best, use family assistance programs. Take prescription drugs back on collection days no questions asked. www.rxdrugdropbox.org

**5 minute showcase time for 3 vendors,**

Wayne Morris - Madi Tools, No cut knife, new pocket knife, diviner, new 3 in 1 wrench.

Russ Carlson – Milwaukee tools, new cutting and crimping tool has remote capability, newer version of their stand light 8 hours run time.

Michael Scott – Estex manufacturing, utility bags have working load limits, standard bucket hooks WLL 65lbs each. Improving each of their items.

 **Mark Taylor (ENMAX Power Corporation) Electronic tailboards**

Presented a video on how ENMAX does it pre-job briefings using I Pads. All the documentation the workers need are on their I Pad, including procedures, standards, THA’s, etc.

**Ryan Kenealy (ComEd) – Training millennials to be effective workers**

Unavailable due to a personal issue.

 **David McPeak (Director of Professional Development for the Incident Prevention Institute.)** **Frontline Fundamentals** **3 sessions;** covered essential knowledge and skills frontline leaders in the utility industry must have. The course covered the relationship between leadership, human performance, incident prevention, standards, and operations. Specific topics include culture; leadership skills, styles and attributes; hazard identification and control; and human performance principles and modes. You impact safety; you are responsible for your own safety. Event + response = outcomes. When you get really good at safety you can’t really see it because nothing is happening and there are no incidents.

 **5 minute showcase time for 6 vendors**

Chris Grammatico LVA Sales including Edge eyewear

Dan Simon – Fire ice putting out pole fires and manhole fires

 Roger May – Utility Solutions, hot line tools, load break tool, break, make load.

 Ron Kuchinski – Lakeland, FR clothing fabrics lighter, educate yourself on what your wearing.

 Don Dohr – HDE, new phasing sticks with digital display including underground

 Tim Olson – Saf –T- gard, Voltgard test lab and safety equipment supplier. Leather protector gloves

 Mike Haight – Greenlee- Sherman Reilly, pullers with digital readers, cutters crimpers with Makita batteries, more ergonomically friendly.

 **5 minute showcase time for 3 vendors**

 Kat Lea – Jelco, mini SRL arc flash compliant, new arc flash harness

 James Landers – Von Corporation, compact cable fault locator

 Carla Housh – Incident Prevention magazine and Frontline training program which can be done onsite next year.

**Wednesday August 23, 2017 (cont.)**

**5 minute showcase time for 3 vendors**

Tyndale – Kevin McLaughlin, Tick repellant, FR clothing, EH rated boots program

 Mack Turner – Institute for Safety and Powerline Construction T&D powerskills effective training programs

 Jim Cass – Samson Rope quality ropes.

 **Danny L. Raines of Raines Utility Safety Solutions, LLC – Principals of grounding**

Equipment grounds can kill you. Primary reason for applying safety grounds is so we won’t get injured. Myths of grounding were discussed as well as eqiuipotental work zones, system grounds, and bracket grounds. Just a little current can kill you. A lineman’s best friend is his rubber gloves. Step and touch potential were discussed. When there is a fault on the line voltage will rise on the neutral. Talked about induction.

 **Open forum Q&A with moderator potential future topics**

Robert “Bo” Maryyanek (chairman) put forth a motion the Mark Taylor become the Chairman in 2018. Leon “Chip” Wetherell (National GRID) approved the nomination. John Lowe (Duke Energy) seconded the motion. Motion carried.

Need a new Secretary for IUOTA

Scott Baughn (IRBY) to be the new vendor Chairman. To be sent out by email vote

Logo B attached to become our new logo. (bottom one)

John Lowe Duke Energy – Tailboard audits

Michael Burnham Riggs Distler – Best practices from both Canada and the U.S.A.

Bud Korn Southern Cal Edison - UAVs in the Utility Industry

Bud Korn Southern Cal Edison - Chino Hills Under Ground (CHUG) 500kV line.

David McPeak (Director of Professional Development for the Incident Prevention Institute.) Human Performance

Ryan Kenealy (ComEd) – Training millennials to be effective workers

Four or five presentations on previous accidents and corrective actions

Presentation on ergonomics - Dr. Andrew Murro – Ergo Power

Robert “Bo” Maryyanek to give a presentation

ENMAX to present on training

Fortis Alberta to present on battery operated tools and lessons learned.

**Closing comments and meeting adjourn at 4**

Any proceeds from this conference will be donated from Irby to the Fallen Lineman Organization

Mark Taylor –Recording Secretary, IUOTA August 23, 2017

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