**STAC Engineering Guidelines and Practices Committee Notes**

Meeting: March 4; 9:30 a.m.-10:00 a.m. (EST)

Next call:

Will be scheduled for the week of March 28

DIAL IN INFO: Toll-free: 1-866-234-0247; Local (Toronto): 416-443-4589

Conference ID: 612392

Attendees:

* Nick Kyonka (STAC)
* Jonathan Walsh (Tiller)
* Shawn Hoffmeyer (PSEC)
* Jody Ali (Bell)
* Keith Ranney (Bell)
* Denis Darveau (Videotron)
* Iain Harrison (PSEC)
* Mihaela Onita (Videotron)
* Stephen McGrath (Eastlink)
* Justin Sousa (Gravisys)
* Sam Fadlallah (Rogers)
* Mark Fudge (Westower)
* Blair Bittner (Westower)
* Greg Gasbarre (Netricom)
* Jason Wolf (Westower)
* Frank Tang (TELUS)
* Alex Williams (PSEC)
* Ofir Smadja (COMsolve)
* Mike Morgan (PSEC)
* Pat Carnwith (Bell)
* Carm Cirillo (Rogers)
* Marina Guerra (Bell)
* Jon D’Alessandro (WireIE)

Follow-up Activities:

* Committee members to identify any open consultations relating to engineering standards that STAC should get involved in, if any
* Nick to send around list of engineering documents previously posted on STAC Members website
  + Committee members to suggest any additional documents that should be posted

Meeting Notes:

1. Introductions

* Nick introduces self and confirms who else is on the call
* Notes that this is the first WHS sub-committee call and will be used to establish what we’ll be working on in the weeks ahead and how we see that work playing out
* Provides disclaimer about discretion on calls and CWTA Competition Act compliance policy

1. Committee structure

* Nick notes that STAC committees are structured to encourage inclusion while recognizing that everyone has other time commitments as well
  + As such, the Engineering sub-committee will at times be broken down into smaller teams to complete individual tasks or projects
  + Individuals are not obligated to take part in committees or project teams, but we do expect that everyone will follow-through on the commitments they make
  + Jonathan Walsh, from Tiller Engineering is the subject matter expert lead for this sub-committee, Nick will typically be leading the calls and “assigning” work to volunteers

1. Proposed committee activities

* Jonathan provides a brief rundown of his background and qualifications
* Jonathan provides brief overview of the Engineering committee and the type of issues that this committee could help address
  + Notes that objective of committee is to identify and address engineering issues faced by engineers in the industry, providing guidelines and best practices for how to deal with those issues
    - Adds that anyone on committee with issues they would like to see addressed should bring those concerns to Jonathan or Nick
  + Also want to identify any means to make towers safer for workers through engineering
  + Also want to post resources online, so if anyone has any good engineering or safety resources, please send to Nick
  + Finally, also want to be looking at lessons learned: asks anyone who has learned from accidents previously to share with the committee so others can learn from the experience
    - Ie: failure of turn buckles, or due to installation issues (such as u-bolt issues, etc …)
* Nick notes that we have pre-identified some projects and activities for this committee
  + Identify and organize relevant engineering standards and guidelines to post on the resources section of the STAC website (including links to standards and links to purchasing sites)
    - Nick has already posted some there. Nick to send around list of those that are already posted and committee members to make suggestions for additions
  + Develop an industry self-serve application-based model for to manage wind load information
    - Perhaps in coordination with a consulting firm
    - Questions about this project can be passed along to Keith or Jonathan through Nick as necessary
  + Identify hot topics or common issues faced regularly by engineers across the country
    - Ie: current issue with pin wheels
  + Blog posts about lessons learned from previous accidents or failures
  + Ongoing monitoring for open consultations relating to engineering guidelines

1. Other business

* Nick provides information on engineering sessions at conference
  + CSA-S37 session with Simon Weisman
  + Due Diligence in Tower Industry with Tom Vardy
    - Will be focusing on due diligence in terms of who you work with and materials you use, among other things
  + Hot Topics in Tower Engineering: Pinwheels, with Kurt Penfold, Mark Fudge, Marjana Lukac and either Rick Tiller or Jonathan Walsh
    - Jodi asks what specifically we will be talking about in terms of pinwheels
      * Jonathan says it will be on perspective of issue of fall arrest
* Jonathan notes that anyone who thinks of any common issues that this committee should be addressing should forward to him or Nick
* Denis says he has a concern regarding security and pinwheels: according to Canadian Labour Code, riggers should have a point to attach themselves with force up to 5000 lbs., but S37 only says climbing ladders should resist to a certain weight at the point where people are attaching themselves
  + Most of the middle of towers don’t support what’s required by Canadian Labour Code, but doing so would require a lot more steel
    - Jonathan notes that these are all excellent points that point to the reason as to why we want to discuss this issue at the conference
    - Marina says that this is a hot topic in the industry and S37 committee plans to have it as a topic of discussion for the next edition of the standard
      * She notes that the conference session may be helpful in this regard

1. Scheduling of next call
   * General agreement that the next meeting should be during the week of Mar. 28
   * Nick notes that the early timing of this call may have precluded from people in Western Canada taking part
     + General agreement that future calls should not start before 10 a.m. EST/EDT