



## Technical Standards and Safety Authority Minutes of the Amusement Devices Advisory Council Meeting on October 24, 2012

Minutes of the Amusement Devices Advisory Council (ADAC) meeting of the Technical Standards and Safety Authority (TSSA) held in in Rooms 1433 and 1434 on the 14<sup>th</sup> Floor, Centre Tower, 3300 Bloor St. W., Toronto, Ontario at 10:30 a.m. on the 24<sup>th</sup> day of October 2012.

**Present:** Virginia Ludy (Chair) Canadian National Exhibition, Keith Brown, Ontario Place, Breckon Husband, Aon Reed Stenhouse Inc., Bill Kane, North American Midway Entertainment, Kathryn Woodcock, Consumers Advisory Council, Rick McMullen, 401 Mini-Indy Limited, Peter Switzer for Norm Pirtovshek, Canada's Wonderland, Cindy Sypher, Sypher & Associates Field Engineering Ltd.

**In attendance:** Suba Ariyaretnam, Manager, (item 14), Michael Beard, VP of Operations (all items except 15), Bernadette Celis, Communication Advisor, (item 9), Roland Hadaller, Director, Elevating and Amusement Devices (all items except 15), Judy Harrison, Project Manager (item 11), Maram Khalif, Council Coordinator (all items except 15), Rob Kremer, Manager, Engineering (item 12), David Lisle, Director, Research and Education (items 9 and 14), David Scriven, Interim President and CEO (all items except 15), Josh Sorman, Advisor, Training and Certification (items 13), Marc Tevyaw, Technical Specialist (all items except 15) and Melissa Zanetta, Advisory, Stakeholder Relations, (all items except 15).

**Guests:** Colleen Sonnenberg, Manager, Technical Safety Unit, Ministry of Consumer Services (MCS) (all items except 15) and Sidney (Hu) Han, Safety Education Research Graduate Scholarship recipient, University of Waterloo, (items 7 to 10).

**Regrets:** Danny Campbell, Campbell Amusements.

### **1. Constitution of Meeting**

V. Ludy, Chair, welcomed the council members and called the meeting to order. A roundtable introduction was made.

### **2. Approval of Agenda**

Council members approved the agenda for the October 24, 2012 meeting as presented.

### **3. Approval of the Minutes**

Council members approved the minutes of the April 18, 2012 ADAC meeting as drafted, as being a true and correct record of that meeting.

The Chair noted that she has agreed to temporarily defer her resignation from April 18, 2012 and advised council she will stay on until a permanent TSSA's President and CEO is in place.

### **4. Review Action Items from Last Meeting**

M. Tevyaw reviewed the completed action items from previous meetings noting that all were completed.

### **5. Council Chair's Report**

As part of the advanced materials for this meeting, members received The Chair's annual report to the President and CEO for 2011/2012, which was treated as read.

In regards to the approaching vacancy for ADAC's Chair, the Chair encouraged the senior members of the council to consider stepping up for the position.



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The Chair also provided an update on TSSA's Annual General Meeting held on September 25, 2012 noting that the TSSA's Board Chair, G. Irwin has stepped down at the end of his term. She noted that the Committee of Council Chairs also met in September 12, 2012 and some of the same items would be dealt with at today's meeting.

### 6. TSSA President & CEO's Report

As part of the advanced materials for this meeting, members received a report from the Interim President and CEO regarding TSSA's key activities over the last quarter, which was treated as read.

D. Scriven provided a very high-level update of the status of a significant elevator incident involving one fatality that happened in Thunder Bay early October 2012. He also noted that the Ministry of Labour (MOL) has been asked to provide oversight of the investigation consistent with a protocol that forms part of the Memorandum of Understanding with Ministry Consumers Services (MCS).

K. Woodcock shared 'warning' messaging she found in elevators in Los Angeles, US, that she thought would be beneficial in Ontario.

ACTION: K. Woodcock will send the messages she found in LA's elevators to TSSA for consideration of similar messaging in elevators in Ontario.

### 7. Safety and Compliance Information

With the aid of a PowerPoint presentation, R. Hadaller presented the amusement devices compliance safety as follows: Periodic Inspection Outcomes; Periodic Inspections; Inspection Orders Issued; and Periodic inspections- Orders/Inspections, for FY05 Q1 to FY13 Q1. He also highlighted Occurrences by Device Type and Non-Permanent Injuries for FY08 Q1 to FY13 Q1.

In regards to Non-Permanent Injuries, council requested clarifications on which devices were included in circular rides. R. Hadaller will update council around the device types in the safety compliance presentation at the next meeting.

Discussion ensued around the root cause of Non-Permanent Injuries. User behaviour and rider errors contributed to most of Non-Permanent Injuries including near misses. However, it was noted the data is extremely small in this sector. Further clarifications of the data will be included in compliance safety presentation at the next meeting.

ACTION: R. Hadaller to expand the definitions for circular rides and include root cause data in the next meeting's compliance safety presentation.

### 8. Priority Safety Issues Update

Aging Devices: As part of the advanced materials for this meeting, members received a briefing note providing an update on the recommendations from International Risk Reduction Group, which was treated as read.

C. Sypher noted that the logbook standardization efforts continue on the harmonization of the American Society for Testing and Materials (ASTM) and logbooks were slated to be published in June 2013.

In conclusion, M. Tevyaw noted that contacts have been made to arrange a meeting in the future for the North America RRG. If a meeting is confirmed, there will be an opportunity to look at any other emerging issues or set new priorities that would support ongoing improvement to safety related to amusement rides. However, he also noted that if no further priorities are set, this RRG will be dissolved until further needs arise.



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*Operator's Due Diligence:* As part of the advanced materials for this meeting, members received a briefing note highlighting the conclusion on the matter of operator's due diligence with respect to the operation of amusement devices, which was treated as read.

M. Tevyaw assured the council that the operators can continue to bring to the attention of TSSA, any habitual offenders or possible way of identifying them and inspectors would be able to lend support to operators by identifying regulatory requirements with identified offenders.

### 9. Priority Safety Issue Update

*Human Factor:* With the aid of a PowerPoint presentation, B. Celis presented amusement devices public education outcomes for summer 2012.

She highlighted the two key areas of focus; these were pre-teens ages 10 to 14 using water slides followed by go-karts. She informed council of on-site campaign approaches and highlighted successful results of lowering risk taken by the targeted youth using the targeted devices.

Discussion ensued around the approach of the campaign, incentives and rewards. Some suggestions on the rewards were offered such as expanding from electronics to passes for their next visits etc. D. Lisle provided more information around the next steps of the onsite observations campaign and the incentive strategy being put in place to support it.

Further discussions highlighted ways to deal with rider behaviour. In regards to resource limitation, it was suggested that the industry assist in this area by providing incentives and teams to run the onsite program. B. Celis also noted the next steps will be to continue post campaign meetings with the waterparks, explore enhancement to ongoing campaigns and conduct additional research subject to resources availability.

The council passed a motion expression unequivocal and unanimous support for the onsite observation campaign and recommended support from the industry.

### 10. Safety Education Research Graduate Scholarship (SERGs)

As part of the advanced materials for this meeting, members received a report on how amusement devices riders respond to risk information (communication) with different message frames (under positive mood condition), which was treated as read.

With the aid of a PowerPoint presentation, S. (Hu) Han, a recipient of a Safety Education Research Graduate Scholarship, presented an outline of the general background of the project, the result of study one and the objectives of study two.

He highlighted study one's objective and its results as follows:

- Study one was to explore the main effect of message framing on rider's response to risk information under positive mood condition and the results were found as follows:
  - Once the positive mood was primed, risk information with positive framing showed a stronger impact on a rider's behaviour intention than the information with negative framing

Study two will test the role of message goal (claim) in influencing (positive) emotional framing effect on rider's response to risk information and the results will be presented at a future meeting

### 11. Input on Industry Trends

As part of the advanced materials for this meeting, members received a briefing note requesting further input on trends in the amusement devices industry, which was treated as read.



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J. Harrison provided information around the issues and inputs that were provided at the last meeting and their status. Further discussion ensued to clarify some of the outstanding action items. Council selected to rearrange some of the issues and amalgamate others.

The council also discussed some of the new emerging devices that may not be covered under the current regulations such as rock climbing devices and zorbs.

**ACTION:** J. Harrison will revise amusement devices emerging industry trends and share their status with council at the next meeting as a standing agenda item.

### 12. Revised Incident Reporting Guideline

As part of the advanced materials for this meeting, members received a draft Director's Incident Reporting Guideline and draft Amusement Devices Incident Reporting Form, which were treated as read.

R. Kremer summarized some of the issues that propelled the changes to the sections dealing with returning an amusement device to service, incident notification and reporting Q&A.

He reiterated that amendments were made to allow devices to be returned to service without inspector authorization, if the incident were not equipment related or operator related and there was no critical injury as detailed in the guideline. He also highlighted that the requirement to report the incident remained unchanged.

High level discussion ensued on the definition of incident. Incident definition was to remain as in the regulations and in the guideline.

As for the Q&A portion of the guideline, R. Kremer encouraged the council to send him all their feedback since they deal with these issues on a daily basis and that they were in a better position to give more pragmatic examples.

The Director's Guideline and the AD Incident Reporting Form will be finalized after three weeks of receiving feedback from council. Council was to send all their feedback by November 2, 2012.

**ACTION:** Council to send their feedback for the AD Director's Guideline and examples for Q&A section to R. Kremer not later than November 2, 2012.

### 13. Training and Certification Advisory Board (TCAB) Update

As part of the advanced materials for this meeting, members received a report on the recent activities of the TCAB, which was treated as read.

J. Sorman summarized the briefing note and reported that the last meeting of the TCAB was in January 2012, the results of which were shared with council at last meeting. He reported that another meeting was being planned for January 2013.

He highlighted that the AD-TCAB will be notified of the Zip Line Skills Passport Document via email notification after it was posted which was still in progress. A brief discussion ensued around any information coming forward to TSSA in regards to inflatable Zip Lines and mechanic certification possibilities. J. Sorman noted there was not a lot of information on this device at the moment; however, this topic will be further discussed at the next TCAB meeting and council will be kept apprised on any findings.

### 14. Questions on Information Items and Other Businesses

Council Membership Matrix: Council discussed the AD membership, matrix and sectors.



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Council recommended that Zip Line has become a large enough sector and should have a representative. Council agreed to allocate (0-1) member to the Zip Line sector and seek out interested representatives.

It was also noted that P. Gismondi was to represent Inflatable Devices sector not Device Manufacturers as noted in the member contact sheet and the matrix should be revised appropriately.

The Chair noted that she will contact D. Campbell and will inquire about his intentions to stay on as a member and advise the council of her findings. She also noted that J. Conklin was not renewing his membership in the council. P. Switzer reported that he will be attending the council meetings for N. Pirtovshek as an alternate until a further decision on his permanency was made.

The following members will be renewed for another term from their respective expiry dates:  
K. Brown, B. Kane, V. Ludy and R. McMullen.

Fee Schedules: With aid of PowerPoint presentation, S. Ariyaretnam highlighted the process for fee review noting that the process has been fair and transparent and focused on deterrents to compliance. He also highlighted that fees were set on a cost recovery basis and value-for-money. S. Ariyaretnam noted the travel fee will be changed from travel per site to travel per device. He also noted there were no changes to billable hourly rate, licensing, registration and certification as well as the Engineering fees. The benefits of utilizing Declaration of Compliance were also highlighted.

D. Lisle joined the meeting for this item and highlighted the communication aspect of the new fee schedule coming in November 1, 2012 to all industry. He assured the members that any major feedback in communication will be taken into consideration prior to the effective date for fee schedules in May 1, 2013

ACTION: V. Ludy will follow up on D. Campbell for renewing his membership in the ADAC and advise council on the next steps.

ACTION: M. Tevyaw and V. Ludy to seek interest from the Zip Line sector for ADAC representatives.

### 15. In Camera

Council members met in camera without management.

### 16. Termination

The meeting was terminated at 1:00 p.m. The next meeting is scheduled for **March 20, 2013**.