

## COMMITTEE WORK:

- **NABA Board of Directors**

The Directors met virtually four times this past year. Aside from regular business, the Directors focussed on NABA's future strategy and the formation of new services and committees.

- **NABA Technical Committee**

The NABA-TC virtually met four times and had a changeover in leadership from John Lee to Shawn Kelly (EVP, Technology, Corus Entertainment) on June 8<sup>th</sup>. Two Bell executives were introduced as representatives of NABA to 5G-MAG (Media Action Group) to provide North American input in the collaborative work of stakeholders' market-driven implementation of 5G solutions. A well-attended webinar on the "Introduction to 5G and Media Workflows for Broadcasters" was held on October 1<sup>st</sup> for NABA members.

The NABA-TC formed an HDR study group and held a number of roundtables and educational events over the course of three months. A consensus was reached and approved by the TC and then the Board in July. NABA issued an HDR emissions format recommendation that systems based on an underlying PQ-based HDR transfer function (ST 2084) with optional static (ST 2086) [1] and/or dynamic metadata (ST 2094) be used for ATSC 3.0 program emission in North America. A series of briefings to inform industry partners took place over the summer.

- **NABA-TC Cybersecurity Sub-Committee**

The sub-committee produced three documents: [Best Practices to Mitigate Social Engineering](#), [Cybersecurity Recommendations for Personnel both Enterprise and Operating in the Field](#), and [the Cybersecurity Recovery Planning as Part of Disaster Recovery](#). Grass Valley, Ross Video and Imagine Communications presented to the EBU Cybersecurity Committee on November 5<sup>th</sup> to propose changes to the 2018 WBU Vendor Requirements document and the EBU R143, and continues to work together to produce a revised document. A presentation from CBC/Radio-Canada on their New IP Production Facilities was made to NABA-TC, Board and Cybersecurity Sub-Committee members on December 15<sup>th</sup>.

- **ATSC 3.0 Evolution Working Group**

A new Working Group, in collaboration with ATSC, was assembled to monitor the evolution of the 3.0 standard as it is adopted in other regions and countries around the world. The WG will seek advice from our broadcast members as to the opportunities and impact of this evolution in markets where the current standard is already being rolled out (e.g., the U.S.). Winston Caldwell (FOX) is Chair of the WG.

- **NABA Resilience and Risk Committee COVID-19 Virtual Roundtables**

The committee continued to hold pandemic-related roundtables every few months to discuss operations and return to the office plans. Topics included COVID-19 screening and rapid testing, contact tracing, handling natural disasters during a pandemic, the return to sports coverage and series production, Olympic planning and execution, Zoom fatigue, and harassment of journalists. Joe Hill (CBC/Radio-Canada) is the new Chair of this committee.

- **NABA Radio Committee**

Regular teleconferences took place including updates on HD Radio progress, hybrid radio debriefs (including test drives of Audi vehicles with hybrid radio in both the U.S. and Canada), and the CRTC consultation on the use of AM/FM radio in Canada. NABA contributed a virtual session "NABA Insights – Radio's In-car User Experience" for the 2021 BEITC as part of the online NAB Show in November.

- **NABA-RC Hybrid/Metadata Working Group**

The sub-committee met virtually every few months to discuss a preliminary draft of a document on metadata and hybrid radio with a series of recommendations for broadcasters and guidance for manufacturers to present a higher quality product to consumers.

- **NABA-RC In-car User Experience Working Group**  
This group continues to liaise with WorldDAB to collaborate on the most recent revision of the WorldDAB In-Car User Experience document.
- **NABA Legal Committee**  
Teleconferences were held every 6-8 weeks to advance the LC's agenda on important subject matters that include the work toward a WIPO Broadcast Treaty, spectrum issues, and regulation for streaming services. Armando Martinez (Televisa) is the new Chair with Bev Kirshenblatt (CBC/Radio-Canada) continuing as Vice-Chair.
- **NABA-LC Music Rights Ad Hoc Committee**  
What started as a NABA-RC initiative has been brought under the umbrella of the LC, as the rights discussion required more legal expertise. The committee includes members from both the RC and LC and meetings have been held every couple of months to discuss rights and streaming issues. The group will produce a document detailing the licensing procedures for all three countries.
- **NABA News Committee**  
David Reiter (formerly with ABC News) was recruited to form a committee focusing on editorial practices, concerns, and challenges amidst the social media environment. The committee is made up of members from NBCUniversal, ABC News, CNN, Fox News, CBS News, TV Azteca, Televisa, CBC/Radio-Canada News, CTV News and Global News. A committee mandate was created, and D. Reiter has agreed to continue to chair the committee for 2022.
- **NABA Digital Services Committee**  
The creation of a Digital Services Committee is well underway with participants being nominated by member companies. An inaugural meeting is planned for late January 2022.



## **WBU COMMITTEE WORK**

- **WBU WIPO Broadcast Treaty Working Group (BTWG)**  
The group continued to meet regularly as progress is being made towards a potential Diplomatic Conference in 2022/2023. The WBU Secretaries and Directors General had a meeting with WIPO DG Daren Tang on June 25<sup>th</sup> to express the importance of the Broadcast Treaty. Heijo Ruijsenaars left the EBU at the end of November and Erica Redler was appointed the new Chair of the WG due to her extensive knowledge on the file.
- **WBU Technical Committee**  
Virtual meetings were held three times and work continues among the Unions by sharing documents and information on technical activities and developments.
  - WBU-TC WRC-23 Working Group was established and prepared eight contributions to the ITU. Seven of them were for the ITU Inter-Regional Workshop on WRC-23 Preparations
- **WBU Secretaries and Directors General**  
The SG/DGs had their annual meeting on June 29<sup>th</sup> to discuss the committees work and deliverables and areas of mutual collaboration. As a result, the WBU-SG/DGs issued the following statement to the press and industry:
  - [WBU Statement on the Safety of Journalism](#) (July)
  - [WBU Supports Call to Action for Common Global Emergency Protocol](#) (September)
- **WBU-IMCG Virtual Webinars**  
The planning team produced four virtual webinars: *Are Broadcasters in LEO's Orbit* (April 8<sup>th</sup>), *Cloud to the Rescue* (April 19<sup>th</sup>), *Tokyo 2020 – Behind the Scenes* (Oct 14<sup>th</sup>) and *Emerging Technologies* (Nov 8) all with good attendance.