



INSTITUTO FEDERAL DE  
TELECOMUNICACIONES



"2019, Año del Caudillo del Sur, Emiliano Zapata"

INSTITUTO FEDERAL DE TELECOMUNICACIONES  
IFT/100/PLENO/OC-RCC/0003/2019

Ciudad de México, a 24 de mayo de 2019

LIC. DAVID GORRA FLOTA  
SECRETARIO TÉCNICO DEL PLENO EN EL  
INSTITUTO FEDERAL DE TELECOMUNICACIONES  
P R E S E N T E

En cumplimiento a lo dispuesto por los artículos 23, fracción II de la Ley Federal de Telecomunicaciones y Radiodifusión, y 15, fracción I del Estatuto Orgánico del Instituto Federal de Telecomunicaciones, me permito presentar mi informe de participación en el Foro Regional de Reguladores (*Regional Regulators Forum*), así como en el Foro de Medios de Comunicación y Telecomunicaciones (*Telecommunications and Media Forum*), que se llevaron a cabo en Miami, Florida, Estados Unidos de América, del 15 al 17 de mayo de 2019.

ATENTAMENTE



RAMIRO CAMACHO CASTILLO

COMISIONADO

"2019, Año del Caudillo del Sur, Emiliano Zapata"

OFICINA DEL COMISIONADO

RAMIRO CAMACHO CASTILLO

Ciudad de México, a 24 de mayo de 2019

## PLENO DEL INSTITUTO FEDERAL DE TELECOMUNICACIONES

### PRESENTE

*Informe que presenta el Comisionado Ramiro Camacho Castillo respecto de su participación en representación del Instituto Federal de Telecomunicaciones en el Foro Regional de Reguladores (Regional Regulators Forum), así como en el Foro de Telecomunicaciones y Medios de Comunicación (Telecommunications and Media Forum), los cuales se llevaron a cabo en la ciudad de Miami, Florida, Estados Unidos de América, durante los días 15 al 17 de mayo de 2019.*

Participación llevada a cabo a partir de la invitación realizada por el Instituto Internacional de Comunicaciones (IIC por sus siglas en inglés).

Ambos foros tuvieron como objetivo discutir los problemas actuales de las telecomunicaciones en un contexto global y regional, a través del conocimiento de la experiencia comparada de las regulaciones de diversos países. Asimismo, construir relaciones estratégicas que coadyuven en el quehacer del Instituto en el desarrollo eficiente de las telecomunicaciones y la radiodifusión.

El primer día de actividades participé en la sesión 3 denominada "Preparación para una situación de emergencia/desastre y el papel del regulador" en la cual se abordaron los siguientes temas:

- ¿Qué papel juega el regulador para asegurar que los servicios de comunicación funcionen en una situación de desastre?
- Las maneras en las que el regulador determina prioridades y crea regulaciones apropiadas, especialmente en un ambiente móvil de primer nivel;
- ¿Qué atribuciones requiere el regulador para desplegar lo necesario en caso de un desastre natural y cómo es que éstas difieren de otras situaciones de emergencia?

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Continuando con las actividades, el día 16 de mayo se llevó a cabo el Foro de Medios de Comunicación y Telecomunicaciones en el cual participé en la sesión 4 "Dinámicas de consolidación, competencia y concentración de mercado, análisis de modelos de negocio, y las implicaciones políticas y regulatorias".

En esta sesión se contemplaron los siguientes temas:

- Integración vertical de red y contenido: ¿qué constituye un modelo de negocio exitoso?
- Adquisiciones de alto impacto: ¿cómo sabemos cuándo son beneficiosas o no? ¿Cuál es el impacto en los incentivos para la innovación y el espíritu empresarial?
- Acceso a los datos: ¿es esto una barrera para la competencia / innovación? ¿Qué podemos hacer?

Ambos foros fueron útiles para compartir diversas opiniones sobre regulación en materia de medios de comunicación y telecomunicaciones en la actualidad, con miembros expertos de otras instituciones de América Latina y el Caribe, con la finalidad de construir y desarrollar una regulación efectiva y eficiente sin importar las fronteras.

Se adjuntan los programas de los foros antes referidos.

ATENTAMENTE

A handwritten signature in dark ink, appearing to read "Ramiro Camacho Castillo", is written over the printed name.

RAMIRO CAMACHO CASTILLO

COMISIONADO



**Regional Regulators' Forum  
Miami  
Wednesday 15 May 2019**

**Building effective and efficient regulation across borders**

**08.15 Meet at The Palms Hotel (foyer) to go to the RRF (Transport leaves at 08.30)**

**09:00 Registration**

**09.15 Welcome:**

**Andrea Millwood Hargrave**, Director General, **International Institute of Communications**

**09.20 Session 1: Regulating the Content Market**

- What are the competition/merger/share of voice issues and how can they be addressed in a transnational marketplace?
- How will changes to intellectual property and copyright licensing impact TV content delivered by our Cable TV operators?
- Is there a need for national content providers and, if so, who will pay for them?

**Moderator: María Dolores Souza**, Head of Research, **Consejo Nacional de Televisión (CNTV)**, Chile

**Panel:**

**Antonio Martusciello**, Commissioner, **Autorità per le Garanzie nelle comunicazioni (AGCOM)**, Italy

**Carlton J. Smith**, Director of Electronic Communications (DEC), **Utilities Regulation and Competition Authority (URCA)**, The Bahamas

**Ricardo Sheffield**, General Prosecutor, **Federal Consumer Agency (PROFECO)**, Mexico

**Dr Allyson Leacock**, Chairman, **Barbados Broadcasting Authority (BBA)**

**Suzy Sierra Ruiz**, Member of the Board for Civil Society, **National Television Authority of Colombia (ANTV)**

**11.00 Refreshments**

#### **11.15 Session 2: Promoting digital inclusion and deployment of infrastructure**

- Minimising the digital divide/addressing the SDGs
- Has the regulator got the right tools to bring in investment?
- How does the geopolitical situation (such as arguments against using certain equipment manufacturers) affect telecom operators and national infrastructure projects? What can a regulator do?
- Bringing a project to fruition: measuring the KPIs

**Moderator: Jorge E Torres**, Secretario Adjunto, **Comisión Técnica Regional de Telecomunicaciones (COMTELCA)**, Honduras

**Panel:**

**Germán Darío Arias Pimiento**, Executive Director, **Commission for Communications Regulation of Colombia (CRC)**

**Dr Heber Damian Martinez**, Director, **Ente Nacional de Comunicaciones (ENACOM)**, Argentina

**Botlenyana Mokhele**, Councillor, **Independent Communications Authority of South Africa (ICASA)**

#### **12.30 Lunch**

#### **13.30 Session 3: Disaster/Emergency Preparedness & the Role of the Regulator**

- What role does the regulator play in making sure communications services work in a disaster situation?
- How does the regulator determine priorities and create appropriate regulations, especially in a mobile-first world?
- What powers would a regulator need to deploy in a natural disaster, and how does that differ from other emergency situations?

**Moderator: Denton Williams**, Chief Executive, **Regulatory Authority of Bermuda**

**Panel:**

**Alee Fa'amoe**, Acting CEO & Executive Director ICT, **OfReg, Cayman Islands**

**Kirk Sookram**, Executive Officer, Technical Services & Development, **Telecommunications Authority of Trinidad and Tobago (TATT)**

**Chris Anderson**, Chief, Operations and Emergency Management Division, **Public Safety Homeland Security Bureau, Federal Communications Commission (FCC), USA**

**Ramiro Camacho Castillo**, Commissioner, **Federal Telecommunications Institute (IFT), Mexico**

**15.00 Refreshments**

**15.15 Session 4: Open Discussion: Connectivity and WRC 19 – an opportunity to compare notes**

**Moderator: Thomas Sullivan**, Chief, International Bureau, **Federal Communications Commission, USA**

**Discussant:**

**Manuel Enrique González Wer**, Superintendent of Telecommunications, **Superintendencia de Telecomunicaciones de Guatemala (SIT)**

**Giuliano De Vita**, Senior Advisor to Commissioner Antonio Martusciello, **Authorità Per Le Garanzie Nelle Comunicazioni (Agcom), Italy**

**Most countries are in the same zone for radio.**

- What are the key concerns?
- What approaches are being taken for the advent of 5G and Digital TV?

**16.00 Wrap up and close**

**16.15 Transport back to The Palms Hotel**

**All sessions will have Spanish/English simultaneous translation to ensure maximum participation from all.**

**Para garantizar la activa participación de todos, todas las sesiones contarán con interpretación simultánea español/inglés.**

# TMF MIAMI 2019

## PROGRAMME

### WEDNESDAY 15 MAY 2019

18:30 Drinks reception at the Palms Hotel (*pre-booking required*)

### THURSDAY 16 MAY 2019

08:30 Registration

09:15 Welcome

**Andrew Haire**, Vice President, Americas, International Institute of Communications; Principal, AJH Communications

**Juan Antonio Ketterer**, Division Chief, Connectivity Markets and Finance, Inter-American Development Bank (IADB)

**09:30 SESSION 1: WHAT INROADS ARE BEING MADE INTO CLOSING THE DIGITAL DIVIDE? DELIVERING THE DEMAND AND DIGITAL INFRASTRUCTURE TO ENABLE CONNECTIVITY AT THE NATIONAL AND REGIONAL LEVEL**

- Quantifying the digital gap between regions and income groups
- Difficulties in closing these gaps and possible alternatives to overcome them
- Estimations of the economic benefits of including low income population into the digital economy

Chair:

**Gabriel Solomon**, Head of Government & Industry Relations, Europe & Latin America, Ericsson

Panellists include:

**Lester García**, Head of Connectivity and Access Policy, LATAM, Facebook

**Sebastián Nieto-Parra**, Head of Latin America and the Caribbean Unit, OECD Development Centre

**Dr Allyson Leacock**, Chairman, Barbados Broadcasting Commission

**Dr Heber Damian Martinez**, Director, Ente Nacional de Comunicaciones (ENACOM), Argentina

10:50 Keynote conversation:

**Alejandro Peralta Vierci**, Minister of Information and Communication Technologies, Paraguay

**Professor Antonio García Zaballo**s, Telecommunications Lead Specialist – Leader of the Broadband Program, Institutions for Development (IFD), Connectivity Markets and Finance (CMF), Inter-American Development Bank

11:15 Refreshments

## 11:45 SESSION 2: FUTURE OF CONTENT AND ONLINE VIDEO IN A POST-CONVERGENCE WORLD

- Implications of the changing consumption patterns of audio-visual content
- Video-sharing platforms – definitions / regulation / monitoring
- Quotas / prominence in a global content world
- State aid and the future of PSBs
- Tackling disinformation / fake news

Chair:

**Drew FitzGerald**, Reporter, The Wall Street Journal

Keynote:

**Laurent Therivel**, CEO, AT&T Mexico

Panellists include:

**Ricardo Sheffield**, General Prosecutor, Federal Consumer Agency (PROFECO), Mexico

**Dr Héctor Huici**, ICT Secretary, Secretary of Modernisation, National Presidency, Argentina

**Gustavo Pupo-Mayo**, Chairman, Television Association of Programmers Latin America

**María Dolores Souza**, Head of Research, Consejo Nacional de Televisión (CNTV), Chile

**Ernesto P Orozco O**, National Television Authority (ANTV) Board Member; Vice President of the Platform of Regulators of the Audiovisual Sector of Ibero-America (PRAI)

13:15 Lunch

14:30 Keynote conversation:

**Jorge Fontevecchia**, President & CEO, Perfil Network

**Karim Lesina**, Senior Vice President, International External & Regulatory Affairs, AT&T

## 14:50 SESSION 3: EVOLVING FINANCIAL, TAXATION AND TRADE PARADIGMS FOR THE DIGITAL ECONOMY

- What new metrics are required to assess the impact of digitization?
- Economic incentives, new financing models, digital taxation
- Examining the intersection of trade policy and telecom/media
- How to create the digital single market for LatAm / Caribbean

Chair:

**Pablo Bello**, Executive Director, Inter-American Association of Telecom Operators (ASJET)

Panellists include:

**Andres Maz**, Public Policy - Latin America, Amazon Web Services

**Horacio Romanelli**, Regulatory Affairs Director Latam, Millicom (Tigo)

**Tobi-Ann Chang**, Legal and Regulatory Director, Digicel (Jamaica) Limited

**Lorenzo Montanari**, Director of International Advocacy and Affairs, Americans for Tax Reform

**Yaël Ossowski**, Deputy Director, Consumer Choice Center



16:15 Refreshments

#### 16:30 SESSION 4: CONSOLIDATION, COMPETITION DYNAMICS AND MARKET CONCENTRATION - BUSINESS MODEL ANALYSIS / POLICY AND REGULATORY IMPLICATIONS

- Network and content vertical integration – what constitutes a successful business model?
- Killer acquisitions: how do we know when they are benign or not? What's the impact on incentives for innovation and entrepreneurship?
- Balancing ex ante and ex post interventions - can these tools be a one size fits all template across countries? Should ex post interventions be preferred given the speed of change?
- Access to data: is this a barrier to competition/innovation? What can we do?

Chair:

**Alexandros Koronakis**, Editor & CEO, New Europe

Panellists include:

**Enrique Medina Malo**, Chief Policy Officer, Telefónica S.A.

**Dr Stephen Unger**, Senior Advisor, Flint Global, UK; Director, International Institute of Communications

**Ernesto Estrada González**, Partner, E.H. Economic Analysis, Mexico

**Ramiro Camacho Castillo**, Commissioner, Federal Telecommunications Institute (IFT), Mexico

17:45 Closing of day one

19:15 dinner at Ocho Restaurant (*pre-booking required*)

## FRIDAY 17 MAY 2019

08:30 Registration

09:00 Welcome

**Andrew Haire**, Vice President, Americas, International Institute of Communications; Principal, AJH Communications

#### 09:15 SESSION 5: THE ROAD TO 5G – HOW WILL THE LATAM / CARIBBEAN REGIONS KEEP PACE? WHAT ARE THE REALISTIC USE CASES AND TIMELINES?

- What are the objectives and policies for 4G and 5G investment, innovation and rollout?
- What are the short to medium term use cases for 5G in Latam and the Caribbean? 5G for smartphones versus 5G for the rest of the heterogeneous ecosystem
- Spectrum policy – frequency availability, license length duration, renewal criteria
- mm Wave spectrum - how much appetite from the private sector? Will this be an opportunity for new players?

- How will near ubiquitous overage, consistent levels of quality and the industrial internet be achieved?
- Network densification - what can federal governments do to fulfil their digital goals and align with local governments?

Chair:

**Sebastián M Cabello**, Associate Director, Latin America, Policy Impact Partners

Panellists include:

**Germán Darío Arias Pimienta**, Executive Director, Commission for Communications Regulation of Colombia (CRC)

**Dr Arturo Robles Rovalo**, Commissioner, Federal Institute of Telecommunications (IFT), Mexico

**Stephanie Walker**, Global Public Affairs Director, AT&T

**Tiago Machado**, Director of Government and Industry Relations, Latin America South, Ericsson

**Eduardo Guzmán**, Partner, Squire Patton Boggs (US) LLP

10:45 Refreshments

## 11:15 SESSION 6: PREPARING FOR WRC-19: KEY CONSIDERATIONS AND QUESTIONS FOR SPECTRUM MANAGEMENT, SATELLITE, TERRESTRIAL AND BROADCASTING SERVICES

Chair:

**Carolina Limbatto**, Principal Analyst Americas, Cullen International

Panellists include:

**Oscar G León**, Executive Secretary, Inter-American Telecommunication Commission (CITEL)

**Thomas Sullivan**, Chief, International Bureau, Federal Communications Commission, USA

**Melesia Sutherland**, Director, CANTO

**Lucas Gallitto**, Public Policy Director, GSM Association

12:30 Lunch

## 13:30 SESSION 7: CYBERSECURITY AND DATA GOVERNANCE FRAMEWORKS – BUILDING A COLLABORATIVE APPROACH

- Cybersecurity realities in a world of tension between end-to-end encryption (privacy) and security
- Implications of GDPR for LatAm / Caribbean – is it a suitable model?
- Data localization, cross-border data flows, bilateral mechanisms
- Data ownership, data rights, data sharing architectures

Chair:

**Jacquelynn Ruff**, Consulting Counsel, Wiley Rein LLP, USA; Director, International Institute of Communications

Panellists include:

**Ivana Kriznic**, Head of Canada and LatAm Public Policy, Verizon

**Mario de la Cruz Sarabia**, Executive Director, Public Policy & Government Affairs Latin America, Cisco

Alee Fa'amoe, Acting CEO & Executive Director ICT, OfReg, Cayman Islands  
Rodrigo de la Parra, Vice President, Latin America & The Caribbean, ICANN

**14:45 SESSION 8: OPERATIONALISING DIGITAL PROJECTS - REMOVING BARRIERS TO DEPLOYMENT AND CLOSING THE DISCONNECT BETWEEN POLITICAL DESIRE AND REALITY**

Chairs:

**Enrique Iglesias Rodríguez** and **Pau Puig Gabarró**, Telecommunications Specialists, Inter-American Development Bank (IDB)

**Panellists**

**Dr Leonel Arévalo**, Telecommunications Advisor to the President, Government of the Republic of Honduras

**Fatima Udagawa**, Advisor, Ministry of Communication and Technology, Paraguay

**Allan Ruiz Madrigal**, Executive Secretary, Comisión Técnica Regional de Telecomunicaciones (COMTELCA), Honduras

15:30 Closing remarks

**Andrea Millwood Hargrave**, Director General, International Institute of Communications

15:40 Close of Forum

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*Forum presentations are on the record but subsequent discussions are under the Chatham House Rule.*

*\*The Chatham House Rule applies to Telecommunications and Media Forum discussions. The Rule also covers tweets and other social network messages during and after the meeting.*

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OFICINA DEL COMISIONADO

RAMIRO CAMACHO CASTILLO

Ciudad de México, a 24 de mayo de 2019

### Otras reuniones llevadas a cabo

#### Reunión con representante de COMTELCA

Fecha: jueves 16 de mayo

Hora: 11:00 – 11:30am

- Asistentes:  
Alan Ruíz, Secretario Ejecutivo de COMTELCA  
Ramiro Camacho Castillo, Comisionado IFT  
Arturo Robles Rovalo, Comisionado IFT

Tema: Reunión bilateral IFT-COMTELCA de cooperación respecto de los siguientes temas específicos:

1. Administración del espectro;
2. Evaluación de la conformidad;
3. Normalización.

#### Reunión con representantes de AT&T

Fecha: jueves 16 de mayo

Hora: 12:00 – 12:30am

- Asistentes:  
Daniel Ríos Villa, Assistant Vicepresident External Affairs de AT&T  
Laurent Therivel, CEO Mexico de AT&T  
Ramiro Camacho Castillo, Comisionado IFT  
Arturo Robles Rovalo, Comisionado IFT

Tema central: Retos de AT&T en México, particularmente:

1. Acceso a compartición de infraestructura pasiva;
2. Acciones que faciliten el despliegue de infraestructura, particularmente a nivel local;
3. Planes de inversión en México;
4. Importancia de converger los objetivos del regulador y de la industria;
5. Próximas visitas a México.