

# CCAMP Working Group

Online Agenda and Slides at:

<http://www.ietf.org/proceedings/95/agenda/agenda-95-ccamp>  
[p](http://www.ietf.org/proceedings/95/agenda/agenda-95-ccamp)

Data tracker: <http://datatracker.ietf.org/wg/ccamp/>

Tools page: <http://tools.ietf.org/wg/ccamp>

# IETF Note Well

This summary is only meant to point you in the right direction, and doesn't have all the nuances. The IETF's IPR Policy is set forth in BCP 79; please read it carefully.

## The brief summary:

- ❖ **By participating with the IETF, you agree to follow IETF processes.**
- ❖ **If you are aware that a contribution of yours (something you write, say, or discuss in any IETF context) is covered by patents or patent applications, you need to disclose that fact.**
- ❖ **You understand that meetings might be recorded, broadcast, and publicly archived.**

For further information, talk to a chair, ask an Area Director, or review the following:

BCP 9 (on the Internet Standards Process)

BCP 25 (on the Working Group processes)

BCP 78 (on the IETF Trust)

BCP 79 (on Intellectual Property Rights in the IETF)

Also see: <http://www.ietf.org/about/note-well.html>:

# Administrative

- Audio Streaming/Recording
  - Please speak only using the microphones
  - Please state your name before speaking
- Minute takers & Etherpad
- Jabber & meetecho

# Session

- Monday
  - 14:00-15:30 Monday Afternoon
  - Quebracho B
- Busy agenda, next time will ask for 120 mins session?
- Details:

[https://  
datatracker.ietf.org/meeting/95/materials.htm  
l](https://datatracker.ietf.org/meeting/95/materials.html)

# Agenda

Presentation	Start Time	Duration	Information
0	14:00	10	Title: Administrivia - WG Status - Reporting on WG drafts not being presented Draft: Presenter: Chairs
1	14:10	10	Title: Ethernet Traffic Parameters with Availability Information and OSPF Routing Extension for Links with Variable Discrete Bandwidth Draft: <a href="https://tools.ietf.org/html/draft-ietf-ccamp-rsvp-te-bandwidth-availability-04">https://tools.ietf.org/html/draft-ietf-ccamp-rsvp-te-bandwidth-availability-04</a> <a href="https://tools.ietf.org/html/draft-ietf-ccamp-ospf-availability-extension-04">https://tools.ietf.org/html/draft-ietf-ccamp-ospf-availability-extension-04</a> Presenter: Gregory Mirsky
2	14:20	10	Title: Link Management Protocol Extensions for Grid Property Negotiation Draft: <a href="https://tools.ietf.org/html/draft-ietf-ccamp-grid-property-lmp-02">https://tools.ietf.org/html/draft-ietf-ccamp-grid-property-lmp-02</a> Presenter: Qilei Wang
3	14:30	10	Title: YANG Models for the NBI of a Transport Network Controller: Requirements, Functions, and a List of YANG Models Draft: <a href="https://tools.ietf.org/html/draft-zhang-ccamp-transport-ctrlnorth-yang-00">https://tools.ietf.org/html/draft-zhang-ccamp-transport-ctrlnorth-yang-00</a> Presenter: Xian Zhang
4	14:40	10	Title: A YANG model to manage the optical parameters for in a WDM network Draft: draft-galimbe-ccamp-iv-yang-00 Presenter: Gabriele Galimberti
5	14:50	10	Title: Microwave Radio Link YANG Data Models Draft: draft-ahlberg-ccamp-microwave-radio-link-00 Presenter: Jonas Ahlberg
6	15:00	10	Title: A framework for Management and Control of DWDM optical interface parameters Draft: <a href="https://tools.ietf.org/html/draft-kdkgall-ccamp-dwdm-if-mng-ctrl-fwk-01">https://tools.ietf.org/html/draft-kdkgall-ccamp-dwdm-if-mng-ctrl-fwk-01</a> Presenter: Ruediger Kunze
7	15:10	10	Title: Multiple drafts on DWDM-IF Title: An SNMP MIB extension to RFC3591 to manage optical interface parameters of "G.698.2 single channel" in DWDM applications Draft: <a href="https://tools.ietf.org/html/draft-galikunze-ccamp-dwdm-if-snmp-mib-01">https://tools.ietf.org/html/draft-galikunze-ccamp-dwdm-if-snmp-mib-01</a> Title: Extension to the Link Management Protocol (LMP/DWDM -rfc4209) for DWDM Draft: <a href="https://tools.ietf.org/html/draft-dharinigert-ccamp-dwdm-if-lmp-01">https://tools.ietf.org/html/draft-dharinigert-ccamp-dwdm-if-lmp-01</a> Title: A YANG model to manage the optical interface parameters for an external transponder in a WDM network Draft: <a href="https://tools.ietf.org/html/draft-dharini-ccamp-dwdm-if-yang-00">https://tools.ietf.org/html/draft-dharini-ccamp-dwdm-if-yang-00</a> Presenter: Gert Grammel
8	15:20	10	Title: Flexible Ethernet drafts Title: Framework and Requirements for GMPLS-based Control of Flexible Ethernet Network Draft: <a href="https://tools.ietf.org/html/draft-wang-ccamp-flexe-fwk-00">https://tools.ietf.org/html/draft-wang-ccamp-flexe-fwk-00</a> Title: RSVP-TE Signaling Extensions in support of Flexible Ethernet networks Draft: <a href="https://tools.ietf.org/html/draft-wang-ccamp-flexe-signaling-00">https://tools.ietf.org/html/draft-wang-ccamp-flexe-signaling-00</a> Presenter: Qilei Wang
Adjourn	15:30		

# Reminder: IPR Process

- Process put in place as a result of very late IPR disclosures
- Includes
  - Polling of draft authors & contributors
    - Prior to moving to next step in WG process
      - e.g., before an individual draft becomes a WG document or a WG document goes to last call
    - Requires IPR compliance statement from ***all*** listed in draft

# Reminder - Utilizing Mailing List

- We strongly encourage the mailing list to be more actively used for all Working Group discussions
  - Open issues
  - Introducing new drafts
  - Potential new Working Group topics
- Reminder – Working Group Consensus is determined on the mailing list
- Future meeting time will be scheduled relative to mailing list discussion

# CCAMP Working Group Status

Chairs:

Daniele Ceccarelli

<[daniele.ceccarelli@ericsson.com](mailto:daniele.ceccarelli@ericsson.com)>

Fatai Zhang <[zhangfatai@huawei.com](mailto:zhangfatai@huawei.com)>

Secretary:

Oscar Gonzalez de Dios

<[oscar.gonzalezdedios@telefonica.com](mailto:oscar.gonzalezdedios@telefonica.com)>

# Document Status – RFCs

- New Errata:
  - Errata ID: 4585
    - RRO in place of ERO in Section 5.2.1 of RFC3473
- Recent RFCs:
  - RFC 7688:[draft-ietf-ccamp-wson-signal-compatibility-ospf](#)
  - RFC 7689:[draft-ietf-ccamp-wson-signaling](#)
  - RFC 7698:[draft-ietf-ccamp-flexi-grid-fwk](#)
  - RFC 7699:[draft-ietf-ccamp-flexigrid-lambda-label](#)
  - RFC 7792: [draft-ietf-ccamp-flexible-grid-rsvp-te-ext](#)

# Document Status – RFCs

- Completed IESG Processing/ Pending RFC Editor's Queue:
  - None
- IESG Processing
  - [draft-ietf-ccamp-otn-signal-type-subregistry](#)

# Document Status – Post/Pre WG Last Call

- Waiting for authors
  - None
- Pre WG LC (IPR poll before WG LC)
  - None
- Post WG LC – Publication requested
  - None

# Liaisons and Communications

- From ITU-T SG15
  - Received 8th, March 2016, “LS on ITU-T SG15 OTNT standardization work plan”
    - <https://datatracker.ietf.org/liaison/1460/>
- To BBF
  - Sent 02th, December, 2015, “In Response to Broadband Forum Liaison: Achieving Packet Network Optimization using DWDM Interfaces”
    - <https://datatracker.ietf.org/liaison/1445/>
  - Sent 02th, February, 2016, “Response to 18 Dec 2016 liaison concerning: Achieving Packet Network Optimization using DWDM Interfaces”
    - <https://datatracker.ietf.org/liaison/1454/>
- Please review incoming documents and comment on [ccamp@ietf.org](mailto:ccamp@ietf.org)

# Document Status – WG Drafts on Agenda

- [draft-ietf-ccamp-rsvp-te-bandwidth-availability-04](#)
- [draft-ietf-ccamp-ospf-availability-extension-04](#)
- [draft-ietf-ccamp-grid-property-\*\*Imp\*\*](#)
- [draft-ietf-ccamp-dwdm-if-mng-ctrl-fwk](#)

# Document Status – WG Drafts Not on Agenda

- [draft-ietf-ccamp-additional-signal-type-g709v3](#)
- [draft-ietf-ccamp-flexible-grid-ospf-ext](#)
- [draft-ietf-ccamp-wson-iv-info](#)
- [draft-ietf-ccamp-wson-yang](#)

# draft-ietf-ccamp-flexible-grid-ospf-ext

- Draft status
  - No comments received since last update (IETF94)
  - No changes made since last meeting;
- Open issues
  - NONE
- Next steps
  - Flexi-grid framework, label and signaling already RFC;
  - Stable; Request WG LC

# draft-ietf-ccamp-wson-iv-info

- Draft status
  - No update since last IETF and no major issues received so far
  - Draft text of an relevant ITU liaison provided to WG, no feedback yet
- Open issues
  - None
- Next steps
  - Liaison out to ITU?
  - Progress on draft-martinelli-ccamp-wson-iv-encode-06 as WG?

# G709v3 Signal-type drafts

- draft-ietf-ccamp-otn-signal-type-subregistry is in IESG processing
  - After much debate, the agreement is:
    - Draft is Proposed Standard
    - Registry policy is now Standards Action or Specification Required (both allowed)
- draft-ietf-ccamp-additional-signal-type-g709v3
  - Passed WG LC
  - No open issues.
  - Depends on the subregistry document; waiting for that to be standardized before progressing.

# WSON YANG model draft

- A Yang Data Model for WSON Optical Networks
  - It should be published as “draft-ietf-ccamp-wson-yang-00.txt” this week
  - Address Section 2 issues raised by Lou Berger in the upcoming publication of “draft-ietf-ccamp-wson-yang-01.txt”
- One pending issue converting from draft-lee-ccamp-wson-yang-03 to draft-ccamp-wson-yang-00:
  - *YANG verification process says: "ietf-te-topology" not found in search path*
  - The problem is associated with augmentation. Since this draft cannot attach the model from which it is augmented from, there is no way to get around this process unless we fix the content of this draft (draft-lee-ccamp-wson-yang-03). --- This is an Open Question to the WG chairs/WG <sup>^^</sup> .