

# CCAMP Working Group

Online Agenda and Slides at:

<http://>

[www.ietf.org/proceedings/93/agenda/agenda-93-ccamp](http://www.ietf.org/proceedings/93/agenda/agenda-93-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

# Session

- Wednesday
  - 15:50-17:20 Wednesday Afternoon
  - Room:Berlin/Brussels
- Details:

[https://  
datatracker.ietf.org/meeting/93/materials.htm](https://datatracker.ietf.org/meeting/93/materials.htm)  
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# Agenda

	Start Time	Duration	Information
0	15:50	10	Title: Administrivia & WG Status
1	16:05	10	Title: GMPLS OSPF-TE Extensions in support of Flexible Grid  Draft: draft-ietf-ccamp-flexible-grid-ospf-ext-02  Presenter: Haomian Zheng
2	16:15	10	Title: RSVP-TE Signaling Extension for Links with Variable Discrete Bandwidth  Draft: draft-ietf-ccamp-rsvp-te-bandwidth-availability-02  Presenter: Amy Ye
3	16:25	10	Title: OSPF Routing Extension for Links with Variable Discrete Bandwidth  Draft: draft-ietf-ccamp-ospf-availability-extension-02  Presenter: Amy Ye
4	16:35	10	Title: A Yang Data Model for WSON Optical Networks  Draft: draft-lee-ccamp-wson-yang-02  Presenter: Young Lee
5	16:45	10	Title: Extensions to LMP for DWDM OLS to manage black-link  Draft: draft-dharinigert-ccamp-g-698-2-lmp-10  Presenter: Dieter Beller
6	16:55	5	Title: An SNMP MIB extension to RFC3591 to manage optical interface parameters of DWDM applications  Draft: draft-galikunze-ccamp-g-698-2-snmp-mib-12  Presenter: Gabriele Galimberti
7	17:00	5	Title: A YANG model to manage the optical interface parameters of "G.698.2 single channel" in DWDM applications

# CCAMP Working Group Status

Chairs:

Daniele Ceccarelli

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Secretary:

Oscar Gonzalez de Dios

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# Document Status – RFCs

- New Errata:
  - None
- Recent RFCs:
  - [RFC 7579](#): General Network Element Constraint Encoding for GMPLS-Controlled Networks
  - [RFC 7580](#): OSPF-TE Extensions for General Network Element Constraints
  - [RFC 7581](#): Routing and Wavelength Assignment Information Encoding for Wavelength Switched Optical Networks
- RFC Editor's Queue:
  - [draft-ietf-ccamp-wson-signaling](#)

# Document Status – RFCs

- IESG Processing
  - [draft-ietf-ccamp-flexi-grid-fwk](#)
  - [draft-ietf-ccamp-wson-signal-compatibility-ospf](#)



# Document Status – Post/Pre WG Last Call

- Waiting for authors
  - None
  - Completed WG LC
  - [draft-ietf-ccamp-flexigrid-lambda-label](#)
  - Pre WG LC (IPR poll before WG LC)
  - None

# Document Status – WG Drafts on Agenda

- [draft-ietf-ccamp-flexible-grid-ospf-ext](#)
- [draft-ietf-ccamp-rsvp-te](#)  
[-bandwidth-availability](#)
- [draft-ietf-ccamp-ospf](#)  
[-availability-extension](#)

# Document Status – WG Drafts Not on Agenda

- [draft-ietf-ccamp-additional-signal-type-g709v3](#)
- [draft-ietf-ccamp-otn-signal-type-subregistry](#)
- [draft-ietf-ccamp-flexigrid-lambda-label](#)
- [draft-ietf-ccamp-flexible-grid-rsvp-te-ext](#)
- [draft-ietf-ccamp-grid-property-imp](#)
- [draft-ietf-ccamp-wson-iv-info](#)

# Liaisons and Communications

- To ITU-T SG15
  - Sent 8th, June 2015, response on “LS on ITU-T SG15 OTNT standardization work plan to ccamp”
  - <https://datatracker.ietf.org/liaison/1407/>
- General comment
  - Please review incoming documents and comment on [ccamp@ietf.org](mailto:ccamp@ietf.org)

# Milestones

- **Feb 2015** - Submit OTN signal types update and sub registry drafts to IESG for review
- **Apr 2015** - Submit flexi grid framework to IESG for review
- **Apr 2015** - First draft of G.698.2 LMP and MIBs working group draft
- **Jun 2015** - First draft of technology specific version of signaling and routing bandwidth availability working group draft.
- **Jun 2015** - First draft of Information Encoding for WSON with Impairments Validation working group draft
- **Jul 2015** - First version of YANG modelling for flexi grid Working Group draft
- **Sep 2015** - Submit flexi grid label, signaling and routing extensions to IESG for review
- **Oct 2015** - Submit flexi grid LMP to IESG for review
- **Nov 2015** - First versions of impairments related solutions Working Group drafts
- **Dec 2015** - Submit Info Model for WSON with impairments validation to IESG for review
- **Feb 2016** - Submit G.698.2 LMP and MIBs drafts to IESG for review
- **Mar 2016** - Submit technology specific version of signaling and routing bandwidth availability draft to IESG for review
- **May 2016** - Submit Information Encoding for WSON with Impairments Validation draft to IESG for review
- **May 2016** - Submit YANG modelling for flexi grid draft to IESG for review
- **Jul 2016** - Recharter or close Working Group
- **Jul 2016** - Submit impairments related solutions for IESG review

# New topics (contributions invited)

- Everything that is covered by charter
- Suggestions
  - Flexi grid for signal layer (fwk, model, encoding)
  - Technology specific YANG models (GMPLS and not)
  - Client layer to server layer mapping
  - OTN beyond 100G (after data plane completed)
  - LMP for OTN
  - LMP for WSON
  - ...