

TO: Experts on ITU-T Q.15/16 - Advanced Video Coding

**SUBJECT: Announcement of the Tenth Meeting of the
Experts Group for ITU-T Q.15/SG16 - Advanced Video Coding
Osaka, Japan, May 16-19, 2000**

FROM: Gary Sullivan (Rapporteur for Q.15/16)

VERSION: April 10, 2000

The purpose of this document is to provide information for the tenth meeting of the Experts Group on Advanced Video Coding (Q.15/16) to be held in Osaka, Japan, May 16-19, 2000. (The meeting is expected to run from approximately 09:00 on Tuesday May 16 to 18:00 on Thursday May 18, but evenings and Friday May 19 might be used if necessary to complete the agenda.)

The meeting is hosted at the kind invitation of the Japanese national body member organizations.

The venue for the meeting is:

Osaka International Convention Center
5-3-51 Nakanoshima, Kita-ku
Osaka-shi, 530-0005
Tel: +81 6 4803 5555
Fax: +81 6 4803 5620

At the time of this writing, final permission to hold the meeting had not yet been granted by Study Group 16 of the ITU-T, so this announcement cannot yet be considered final until such approval is granted.

The preliminary agenda items for this meeting consist of the following:

- Further the work toward H.26L long-term coding standard, including in particular:
- The Four Top Priorities for this project being:
- Reconciliation of the recent Nokia proposal with TML-3
- Enhancing the network robustness of the design
- Resolving questions regarding Adaptive Motion Accuracy and motion compensation filtering
- Further analysis of B-pictures concept
- The correction of the shortcomings noted in the current Test Model Long-Term of
- The inability to change the inverse quantization step size on a macroblock-by-macroblock basis
- The need for a network-friendly bitstream structure (resynchronization, packetization, data partitioning, etc.)
- The need for specification of decoder reaction to lost or corrupted data
- And the Key Technical Areas of investigation of:
- Improved motion compensation accuracy
- Affine Motion Compensation
- Block Segmentation Strategies
- Alternative-Structured Waveform Coding (e.g., VQ, EZW, multiple coding modes)
- Enhanced Intra coding performance (e.g., intra spatial prediction or intra wavelet coding)
- Improvement of entropy coding
- Improvement of error resilience

- Further the work toward “H.263++” extensions of H.263, including in particular
- The Four Top Priorities for this project being:
- Closely checking the drafted annexes for problems in preparing White Document draft
- Evaluating the PictureTel-proposed changes to the IDCT in Annex W
- Closely checking the drafted Appendix II content
- Ensuring proper definition of H.245 and H.230/H.242 support
- Refinement of the determined drafted annexes
- Annex U: Enhanced Reference Picture Selection (a.k.a. Long-term memory)
- Annex V: Data Partitioned Slices
- Annex W: Additional Supplemental Enhancement Information
- Refinement of the revised Appendix II containing a new profile definition
- Maintenance of existing ITU video coding standards (H.120, H.261, H.262, H.263)
- Coordination of video coding needs for Q.11-14/16 standards
- Study of H.263v2 capabilities and limits, including test model and software development and bitstream exchange activities
- Particular study of video coding for packet network and mobile applications
- Coordination of relationship with video coding technology in ISO/IEC JTC1 SC29/ WG11 (MPEG)
- Consideration of video coding needs for non-conversational services
- Consideration of video coding needs for users of sign-language and lip-reading
- Maintenance of existing ITU video coding standards (H.120, H.261, H.262, H.263)
- Consideration of technology for compressed digital-to-digital video format bit rate reduction
- Any other business as necessary for Q.15 consideration

The meeting will be open to all ITU-T members. Additional non ITU-T experts may also participate if invited by the rapporteur. The rapporteur of Q.15 does not wish to exclude anyone who could be a valuable contributor to the work, and thus expects to be liberal in granting requests for invitation. Electronic mail sent to the rapporteur (garys@ieee.org) is the suggested method of contact for obtaining such an invitation (be sure to include return contact phone, fax, address and email information).

The meeting is hosted by the Japanese National Body member organizations, and is co-located with meetings of Q.11, 12, 13, and 14 / SG16. The meeting host representative contact information is:

Sakae OKUBO
Rapp. ITU-T Q.12/SG16
TAO Waseda Research Center
5th Floor, Nishi-Waseda Bldg.
1-21-1 Nishi-Waseda, Shinjuku-ku, Tokyo
169-0051 Japan

Email: okubo@giti.or.jp
Tel: +81 3 3204 8194
Fax: +81 3 5287 7287

Logistics information for the meeting is provided in Annex A.

The following relevant documents will soon be available on the Q.15/16 ftp site (<ftp://standard.pictel.com>) in the directory **video-site/0005_Osa**

3. A detailed agenda with document allocation (**q15jT1.doc**)
4. A list of registered contributions (**q15j00.doc**)
5. A document template file (**q15j.dot**)
6. A copy of this meeting announcement (**q15jT0.doc**)

Participants are encouraged to monitor this ftp site in the upcoming weeks for electronic copies of the various contributions and are encouraged to use the MS Word template available on the ftp site (**q15j.dot**) when preparing contributions.

Contributions for Q.15 will be numbered “**Q15-X-YY**”, where **X** is a single letter indicating the meeting number, (for this meeting, “**J**”), and **YY** will be the assigned document number. For file uploads, the format is **q15jYY.zzz**, where **zzz** will be the file type (.doc, .pdf, .txt etc.), and MS Word (version 7 or earlier preferred) format with a .doc extension is preferred. Numbers for the documents will be assigned

directly by the rapporteur for Q.15 <garys@ieee.org>. When registering a document, please provide the following information: title, source (please provide author, affiliation, and country information), subject area (admin, H.263, H.263++, H.26L, prior standards, other), and purpose (information, proposal, proposed draft text, draft text for output document, or liaison).

It is requested that all documents be uploaded to the ftp site dropbox at:

URL: **<ftp://standard.pictel.com/video-site/dropbox>**

at least 10 working days before the meeting, followed by an email message to the rapporteur (garys@ieee.org) who will move the document to the meeting folder. An email message should also be sent to the email reflector (itu-adv-video@standard.pictel.com) to notify the experts group of the availability of the document.

All documents *must* be uploaded to the ftp site at least four business days prior to the meeting (i.e., by **midnight on Wednesday 10 May in Osaka, Japan, which is 8 a.m. in California and 3 p.m. GMT**). Late, unannounced documents hand-carried to the meeting will be accepted only with the consensus of the meeting participants.

Contributors of documents should note that our only planned means of document distribution is electronic. We do not expect paper copying facilities to be available at the meeting. It is important that documents be uploaded to the ftp site on time to allow others to download documents and study them prior to the meeting. **Bring your laptop, NIC, and 10BASE-T cable for on-site LAN use.**

Those planning a videotape demonstration of real time codecs, simulation results, etc., should contact the rapporteur (contact information below) and the associate rapporteur Keiichi Hibi (hibi@trl.mkhar.sharp.co.jp) to insure that the required facilities are available.

I am looking forward to a productive meeting with you.

Sincerely yours,

/s/ Gary Sullivan
Gary Sullivan
Rapporteur for SG16 Question 15
Microsoft Corp.
One Microsoft Way
Redmond, WA 98052

Tel: +1 (425) 703-5308
Fax: +1 (425) 936-7329
Email: garys@ieee.org

ANNEX A:
Information for the May 16-19 2000 Meeting of
ITU-T Q.15/SG16
Advanced Video Coding Experts Group
(Co-Located with Meetings of Q.11, Q.12, Q.13, Q.14)

Meeting Host Group of Interested Organizations in Japan

Location: Osaka International Convention Center (alias Grand Cube Osaka)
5-3-51, Nakanoshima, Kita-ku, Osaka-shi 530-0005

Phone: 81-6-4803-5555
Fax: 81-6-4803-5620
<http://www.gco.co.jp/>

Timing: Q.15 sessions of the meeting will start at 09:00 on Tuesday 16th May and are expected to finish around 18:00 on Thursday 18th May 2000. The 19th of May is not expected to be used by Q.15, but might be used if necessary to complete the agenda. (Other Questions have their own schedules which differ.)

Registration: To register for the meeting, please complete and fax or e-mail the attached registration form to Noriko Hosokawa - GITI Waseda University at fax: +81 3 5286 9863 (phone: the same number) or e-mail nonko@giti.waseda.ac.jp **no later than 24 April 2000.**

ALSO send email to the relevant rapporteurs to notify them of your attendance:

To: okubo@giti.or.jp, dskran@sonusnet.com,
ggf@lucent.com, tom.geary@conexant.com,
garys@ieee.org
Subject: Osaka meeting registration

Name:
Company:
Arrival:
Departure:
Questions: (15=Video, 12-14=APC, 11=CSN)

Hotel Room Reservation: A block of rooms has been reserved at the neighboring

RIHGA ROYAL HOTEL
5-3-68, Nakanoshima, Kita-ku, Osaka-shi 530-0005
Phone: 81-6-6448-1121
Fax: 81-6-6448-4414
<http://www.rihga.co.jp>

The hotel room charge is: Single Room 12,600 Yen, Twin Room (single use) 18,900 Yen, including breakfast, service charge, local tax and consumption taxes.

To reserve your hotel room, please fax the attached registration form to (+ 81-3-5286-9863) or e-mail to nonko@giti.waseda.ac.jp no later than 24 April 2000.

Meeting Fee:

The facilities fee for the meeting is about 20,000 Yen (about 190 US dollars). Payable by credit card (**Visa or MasterCard**) or cash. A receipt will be issued. Please note that the exact amount will be announced some time before the meeting.

RIHGA ROYAL HOTEL

Location:

RIHGA ROYAL HOTEL
5-3-68, Nakanoshima, Kita-ku, Osaka 530-0005

Phone: 81-6-6448-1121

Fax: 81-6-6448-4414

<http://www.rihga.co.jp>

Transportation:

RIHGA ROYAL HOTEL is approximately 60 minutes from Kansai International Airport by limousine bus, 10 minutes from JR Osaka station by hotel courtesy bus.

(1) From Kansai International Airport

Airport Limousine bus service to the hotel or JR Osaka Station is available. A fare is 1,300 Yen (one way).

See details about Kansai International Airport at

<http://www.kansai-airport.or.jp>

(2) By Shinkan-sen from Tokyo or other places

JR Shin-Osaka St. (Shinkan-sen) → JR Osaka St. (JR Kanjo-Line)

RIHGA ROYAL Shuttle bus is available. Go to Exit Center North,

get to sign BUS

8:20 ~ 11:20 every 20 min

11:20 ~ 18:20 every 10 min

18:20 ~ 22:20 every 20 min

(3) From Narita Airport

JR Narita St. → JR Tokyo St. → JR Shin-Osaka St. (Shinkan-sen)
→ JR Osaka St. (JR Kanjo-Line) RIHGA ROYAL Shuttle bus is available.

See details and direction about Narita Airport

<http://www.narita-airport.or.jp/airport>

Room Facility:

All guest rooms are fitted with a terminal jack plug (RJ-11) allowing receipt and transmission of data via personal computer and facsimile.

Exchange:

Banks are open from 9am to 3pm, Monday through Friday.

Sanwa, Tokai, Sumitomo and Asahi bank are in 10 min. by foot.

ATM cash machine for VISA card is available at the hotel lobby during 6am - 11pm.

Most of stores and restaurants accept credit cards issued by major company. (e.g. VISA/Master/AMEX) Personal checks and T/C can not

be accepted at most of stores.
Usually transportation fee cannot be paid by credit cards.

Mailing Information :

Name: Guest/ Check- in date
Address: RIHGA ROYAL HOTEL
5-3-68, Nakanoshima, Kita-ku, Osaka-shi 530-0005
Japan

ITU-T SG16 Q11-15/16 Rapporteur Meeting

Osaka International Convention Center, 15th – 19th May 2000

REGISTRATION AND HOTEL ROOM RESERVATION FORM

Please return this form

To:

Noriko Hosokawa

Deadline: 24 April 2000

GITI Waseda University
29-7 Waseda University Bldg.
1-3-10 Nishi-Waseda, Shinjuku-ku, Tokyo
169-0051 Japan

Fax & Tel: **+81 3 5286 9863**
E-mail: nonko@giti.waseda.ac.jp

☐ I shall attend the meeting	☐ I shall not attend the meeting
☐ Q11	☐ Q12-14
☐ Q15	

☐ I need a hotel room reservation	☐ I do not need a hotel room reservation
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If you e-mail, please put "ITU-T Osaka meeting" in the Subject. We will e-mail a guest room confirmation number as soon as possible.

Arrival date: _____ Departure date: _____.

Room Type : ☐ Single ☐ Twin (single use) ☐ Twin (twin use)

☐ Non-smoking ☐ Smoking

Credit card No. : _____ Expiry date : _____

Name:

Organization:

Address:

Telephone: Fax:

E-mail: Signature:

Any other special needs: