

Report of AIAA TCCS Meeting Held on September 25, 2005

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The AIAA TCCS (Technical Committee on Communications Systems) meeting was held in the night of the first day during the Joint Conference of 11th Ka Band and Broadband Conference and 26th AIAA International Communications Satellite Systems Conference (ICSSC-2005) which was held in Rome on September 25-28, 2005. The meeting place was a room of Carpegna of Grand Hotel Palazzo. The attendees were 19 members including Dr. Butash, Chairperson, and 11 people concerned including member's spouses. The attendees from Japan were Dr. Kitazume, Mr. Miura, Mr. Kazekami, Mr. Kadowaki, Suzuki and Iida.

At first, an AIAA Plaque and a TCCS Crystal Trophy were presented to Mr. Elizondo with thank for his devoted contribution to TCCS, who had been as a secretary for many years and retired at this meeting (cf. **Photo**). In addition, it was declared that Dr. Butash, Chairperson of ICSSC-2005 and Chairperson of TCCS would be retired and Mr. Houston would assume a chairperson of TCCS. Then simple buffet dinner was served. The meeting followed as **Table 1**.

Dr. Butash announced that Dr. Kudsia would win the AIAA Aerospace Communication Award at coming Award Luncheon in ICSSC-2005. Dr. Smith gave his attention that three new candi-



Photo: Dr. Butash Awarded Mr. Elizondo.

Table 1 Agenda

Agenda Item	Lead	Time (Rome)
Introductions	Tom Butash	7:00 PM
TCCS Subcommittee Reports		
A. Steering	Tom Butash	7:10 PM
• C hanging of the Guard: New Chair and Secretary		
• M e mbership News		
B. Awards	Ron Smith	7:30 PM
C. ICSSC Re-Vitalization Notes	Tom Butash	7:40 PM
D. Japan Forum	Takashi Iida	7:45 PM
E. Publications	Chris Hoeber	8:00 PM
F. Conference Subcommittees		
1. ICSSC-2005	Ed Elizondo & Jorgen Sandberg	8:15 PM
2. ICSSC-2007 Seoul, South Korea	Yutaka Kazekami	
3. ICSSC-2008 US Location, TBD	Rick Houston	8:30 PM
4. ICSSC-2009 UK Location??? -with IEE Co-Sponsorship?	Tom Butash	8:45 PM
		9:00 PM
TCCS Any Other Business / Plan Next Meetings	Tom Butash	9:45 PM
ICSSC-2006 Planning Meeting (See separate agenda)	Rick Houston	10:00 PM
• P lanning Status		
Adjourn	Tom Butash	11:00 PM

dates were necessary for nomination of the award in the next year.

In the next, about to let ICSSC activate, increasing young members, necessity of completing ICSSC manual, etc. were discussed.

Subsequently the current activity of JFSC was reported by Iida, based on the **Fig. 1**.

Mr. Hoeber reported that he wrote an article in Aerospace America for publication activity of TCCS.

Dr. Sandberg reported about the successful ICSSC-2005. There were 212 paper applications at first, but there were finally 185. There were 345 participation registrations, and there was participation of a little over 120 in Colloquium.

Mr. Kazekami reported about the preparations status of ICSSC-2007. The MOU was exchanged between JFSC and APSCC in May, 2005. Preparations were pushed forward by holding ICSSC-2007 in Korea Seoul on April 10-13, 2007 under the co-sponsorship with APSCC and JFSC.

As for ICSSC-2008 and ICSSC-2009, the U.K. and American East Coast were thought respectively.

It was argued about the preparations situation of ICSSC-2006. The ICSSC-2006 will be held in San Diego Hilton Resort, San Diego, California, under co-sponsorship with the 4th Annual International Satellite & Communications Conference and Expo (ISCe) on June 11-14, 2006. Its theme is "Bridging to the Future". Mr. Dankberg (ViaSat) is General Chair and Mr. Chitre (ViaSat) is Technical Program Chair. The deadline of abstract is October 28, 2005 (it seems to have been extended recently to November 25, 2005).

The next TCCS meeting will be held at Hilton San Diego Resort as ICSSC-2006 Planning Committee Meeting on November 14, 2005.

The meeting adjourned at 23:30.

That's all.

<p style="text-align: center;">AIAA-TCCS Meeting in Rome on September 25, 2005</p> <h2 style="background-color: #005293; color: white; padding: 5px;">Activities of Japan Forum on Satellite Communications (JFSC) -The First Half of 2005-</h2> <p style="text-align: center;">Takashi Iida & Yoshiaki Suzuki JAXA/JFSC NICT/JFSC</p>	<h2 style="background-color: #005293; color: white; padding: 5px;">JFSC Activities in 2005</h2> <ul style="list-style-type: none"> ✓ SPACE JAPAN REVIEW, Bulletin of JFSC, is still published bimonthly in both Japanese & English. Editorial Committee is held every month. ✓ JFSC and APSCC are planning to hold ICSSC-2007 in Korea. • March 3-4, 2005 <ul style="list-style-type: none"> – Supports IEICE's Joint Workshop for Space, Aeronautical and Naval Electronics (WSANE 2005) held in Daegu, Korea • September 13-16, 2005 <ul style="list-style-type: none"> – To host financial support for Award Luncheon at 11th Ka and Broadband Communications Conference and 23rd AIAA ICSSC-2005 in Rome, Italy • Oct 13-14, 2005 <ul style="list-style-type: none"> – Supports IEICE's Joint Conference of Satellite Communications (JC-SAT) 2005 held in Nagoya, Japan • Oct 20, 2005 <ul style="list-style-type: none"> – To be held 7th General Assembly of JFSC • Nov 9-11, 2005 <ul style="list-style-type: none"> – Exhibits an AIAA-JFSC corner at MWE held in Yokohama, Japan • April 9-12, 2006 <ul style="list-style-type: none"> – Supports WSANE2006 held in Xi'an, China
<p style="text-align: center;">1</p> <h2 style="background-color: #005293; color: white; padding: 5px;">Space Japan Review (SJR) Dec. 2004 - Jul. 2005</h2> <ul style="list-style-type: none"> ✓ Editorial Committee is held every month. ✓ Still continues to publish Web version SJR bimonthly in both English and Japanese <div style="display: flex; justify-content: space-around; margin-top: 10px;"> <div style="text-align: center;">  <p>#38</p> </div> <div style="text-align: center;">  <p>#39</p> </div> <div style="text-align: center;">  <p>#40</p> </div> <div style="text-align: center;">  <p>#41</p> </div> </div> <p style="text-align: center;">Space Japan Review on WEB URL: http://www2.nict.go.jp/mt/b150/SJR/English/</p>	<p style="text-align: center;">2</p> <h2 style="background-color: #005293; color: white; padding: 5px;">Example of Recent Articles in Space Japan Review</h2> <ul style="list-style-type: none"> • Executive Comment <ul style="list-style-type: none"> – "Two-Way Interactive Satellite Communications Services" by Dr. Richard T. Godfrey – Vice President Takuji KURUDA, JUSTSAP, Japan • Space Japan Milestone <ul style="list-style-type: none"> – "Mobile Broadcasting System" by Shigeo Ikuji, Vice President & General Manager, Network Services & Content Division, Comstar Corporation, NTT Comware Corporation • Space Japan Club <ul style="list-style-type: none"> – Coming Full Circle—Angela M. Iedroff, II – Ms. Harue Matsubara, NTT DoCoMo, Inc. • Tropic from Within <ul style="list-style-type: none"> – "Attending at AIAA TCCS, IAC and 43rd Aerospace Sciences Meeting" Takashi Iida, NICT/OPC – AIAA-ICSSC 2005 call for paper – AIAA-ICSSC 2005 Program – Their Majesties the Emperor and Empress visited a space communication related facility. • Conference Report <ul style="list-style-type: none"> – ITC 2005 (ITC27) Conference & Exhibition Executive Advisor Susumu Kitamura – Satellite 2005 Conference & Exhibit and SPI. GigaExecutive Editorial Advisor Susumu Kitamura • Education Center <ul style="list-style-type: none"> – Dr. Tetsuro ITO (The International Space University, Strasbourg, France) – Shunichiro Egami Professor, Department of Electrical & Electronic Engineering, Shizuoka University
<p style="text-align: center;">3</p> <h2 style="background-color: #005293; color: white; padding: 5px;">Editorial Committee of JFSC</h2> <ul style="list-style-type: none"> • Chair <ul style="list-style-type: none"> – Y.Wakana, NICT • Vice-Chair <ul style="list-style-type: none"> – T.Ueda, retired MELCO • Special Advisor <ul style="list-style-type: none"> – S.Kitazume, JEPICO – Y. Suzuki, NICT – T.Iida, JAXA • Members <ul style="list-style-type: none"> – K. Imai, NHK Tech Lab. – T. Kagatsume, MELCO – M. Miura, SCC – H. Mizuno, Tokai Univ. – M. Nohara, KDDI Lab. – T. Obuchi, JEPICO – M. Shigaki, Fujitsu Ltd. – S. Shinozuka, SCC – S. Ueba, NTT Network Innovation Lab. – S. Yamaguchi, NT-Space 	<p style="text-align: center;">4</p> <h2 style="background-color: #005293; color: white; padding: 5px;">JFSC Provides Many Opportunities</h2> <ul style="list-style-type: none"> • To discuss on nomination for various kind of awards • To discuss on Japanese space policy • To coordinate with other organization, such as APSCC* and IEICE* <ul style="list-style-type: none"> – Joint effort for ICSSC2007 with APSCC – Cosponsoring IEICE's international activities (JC-SAT2005 Nagoya, WSANE2005 Daegu, WSANE2006 XI' an) • To discuss on various cultural activity including opportunity of making a book • For active and retired persons to work together • To exhibit an AIAA-JFSC corner to MWE every year • To host financial support for Award Luncheon of ICSSC
<p style="text-align: center;">5</p> <h2 style="background-color: #005293; color: white; padding: 5px;">What are the Problems for Activities of JFSC and Space Japan Review?</h2> <ul style="list-style-type: none"> • For Activities of JFSC <ul style="list-style-type: none"> – Financial problem <ul style="list-style-type: none"> • MWE Exhibit fee is now only one revenue • To be short for supporting members' travel expenses, especially for retired members • For Space Japan Review <ul style="list-style-type: none"> – Difficulty of soliciting articles – Difficulty for translating Japanese into English <ul style="list-style-type: none"> • To be going to use a translation software actively – No responses from readers so far <ul style="list-style-type: none"> • Please give us any comments!! 	<p style="text-align: center;">6</p> <div style="display: flex; justify-content: space-around; margin-top: 10px;"> <div style="text-align: center;">  <p>Exhibit of AIAA-JFSC Corner at MWE (Microwave Exhibition) held in Yokohama in 2004</p> </div> <div style="text-align: center;">  <p>Exhibit of AIAA-JFSC Corner at MWE (Microwave Exhibition) held in Yokohama in 2004</p> </div> </div> <p style="text-align: center;">*Asia Pacific Satellite Communications Council, Korea **Institute of Electronics, Information and Communication Engineers, Japan</p>

Fig. 1 Report of Current JFSC.