



Satellite Applications and Promotion Center  
8<sup>th</sup> June, 2006

**APRSAF**  
**The Workshop for the Satellite Communications Experiments**  
**29-30 June 2006**  
**Bangkok, Thailand**

Dear Colleagues,

Following the First Announcement sent to you on 9<sup>th</sup> May, 2006, we are pleased to forward you today the Final Announcement for your information including the agenda for this 2-day workshop.

After the First Announcement, a number of participants are registered as shown in Appendix-1. As the meeting place has still room for the participants, we will welcome more participants who are interested in satellite communication technology in Asia Pacific region. Tentative program is shown in Appendix-2, but we would like to accept more presentations in order to promote the exchange of the information relating to the satellite communications in this region. Therefore, the person who want to make a presentation, please contact us immediately.

We hope that the workshop would be successful and fruitful discussion, and we are very much looking forward to seeing and working with you in Bangkok.

Sincerely yours,

A handwritten signature in black ink, which reads 'Toru Fukuda'. The signature is written in a cursive style.

Toru Fukuda  
Director,  
Satellite Applications and Promotion Center (SAPC)  
Japan Aerospace Exploration Agency (JAXA)

## **【Appendix】**

1. Participants' List as of 7<sup>th</sup> June, 2006
2. Agenda as of 7<sup>th</sup> June, 2006
3. Information

## Appendix-1

### APRSAF Workshop for the Satellite Communications Experiments Participants' List

No.	Country	Organization	Name	Title	Section
1	China	The Chinese University of Hong Kong	Prof. Peter Tak-shing Yum	Professor	Information Engineering
2	Indonesia	Institut Teknologi Bandung	Prof. Utoro Sastrokusumo	Principal Researcher /Senior Lecturer	School of Electrical Engineering and Informatics
3	Indonesia	Institut Teknologi Bandung	Dr. Sugihartono	Associate Professor	School of Electrical Engineering and Informatics
4	Indonesia	Institut Teknologi Bandung	Mr. Joko Suryana	Lecturer	School of Electrical Engineering and Informatics
5	Japan	Asian Disaster Reduction Center (ADRC)	Mr. Masaru Arakida	Senior Researcher	
6	Japan	Association of Radio Industries and Business (ARIB)	Mr. Mitsuyoshi Iida	Senior Researcher	Space Communications Group
7	Japan	Advanced Telecommunications Research Institute International (ATR)	Mr. Naoto Kadowaki	Head	Department of Smart Networks
8	Japan	Hokkaido University	Prof. Masami Fukuda	Professor	Institute of Low Temperature Science
9	Japan	Hokkaido University	Dr. Hiroshi Hayasaka	Associate Professor	Graduate School of Engineering
10	Japan	National Institute of Information and Communications Technology (Nict)	Dr. Shingo Ohmori		Vice President
11	Japan	National Institute of Information and Communications Technology (Nict)	Dr. Hiroyo Ogawa	Executive Director	New Generation Wireless Communications Research Center
12	Japan	National Institute of Information and Communications Technology (Nict)	Mr. Yoshiaki Suzuki	Executive Researcher	
13	Japan	National Institute of Information and Communications Technology (Nict)	Dr. Ryutaro Suzuki	Research Manager	New Generation Wireless Communication Research Center
14	Japan	National Institute of Information and Communications Technology (Nict)	Mr. Shigetoshi Yoshimoto	Director	Asia Research Center
15	Japan	National Institute of Information and Communications Technology (Nict)	Dr. Kenji Tanaka	Senior Researcher	International Alliance Division, Research Promotion Department
16	Japan	NEC TOSHIBA Space Systems, Ltd.	Mr. Wakoto Akinaga	Executive Director	Sales & Marketing Division
17	Japan	The University of Tokyo	Dr. Masaya Nakayama	Associate Professor	Information Technology Center
18	Japan	Tokyo Metropolitan University	Prof. Hajime Fukuchi	Professor	Department of Aerospace Engineering
19	Japan	University of Tsukuba	Dr. Dong Sheng Cai	PhD	Institute of Information Sciences and Electronics

## Appendix-1

No.	Country	Organization	Name	Title	Section
20	Korea	Electronics and Telecommunications Research Institute (ETRI)	Dr. Ho-Jin Lee	Director	Global Area Wireless Technology Group
21	Malaysia	Multimedia University (MMU)	Dr. Su Wei Tan	Lecturer	Faculty of Engineering
22	Philippines	Advanced Science and Technology Institute	Mr. Denis Fernandez Villorente	Director	
23	Philippines	Ateneo de Manila University	Dr. Rosula San Jose Reyes	Associate Professor	Electronics, Computer and Communications Engineering
24	Philippines	Manila Observatory	Dr. James Bernard Bragado Simpas	Head	Urban Air Quality Program
25	Philippines	University of the Philippines (UP)	Dr. Wilfred Jr. Sebastian Manuela	Business Analyst	University Computer Center
26	Philippines	University of the Philippines (UP)	Prof. Nestor Michael Canos Tiglao	Assistant Professor	Department of Electrical and Electronics Engineering
27	Singapore	Nanyang Technological University	Dr. Yee Hui Lee	Assistant Professor	School of Electrical and Electronics Engineering
28	Thailand	Ministry of Information and Communication Technology	Ms. Patima Arphasilp	Chief	Space Affairs Coordination Section, Space Affairs Bureau
29	Thailand	Ministry of Information and Communication Technology	Mr. Thanis Songkrant	Policy and Planning Analyst	Space Affairs Bureau
30	Thailand	Ministry of Information and Communication Technology	Ms. Chananporn Ponpadung	Policy and Planning Analyst	Space Affairs Bureau
31	Thailand	Chiang Mai University	Prof. Akachai Sang-in	Associate Professor, Vice President	
32	Thailand	Chulalongkorn University	Dr. Tuptim Angkaew	Assistant Professor	Electrical Engineering, Faculty of Engineering
33	Thailand	Asian Institute of Technology (AIT)	Prof. Vilas Wuwongse	Professor, Vice President	
34	Thailand	King Mongkut's Institute of Technology Ladkrabang	Prof. Nipha Leelaruji	Associate Professor	Faculty of Engineering
35	Thailand	King Mongkut's Institute of Technology Ladkrabang	Dr. Pornchai Supnithi	Assistant Professor	Telecommunication Department, Faculty of Engineering
36	Thailand	King Mongkut's Institute of Technology Ladkrabang	Prof. Narong Hemmakorn	Associate Professor	Telecommunications, Faculty of Engineering
37	USA	University of Hawaii	Dr. Norman H. Okamura	Principal Investigator	PEACESAT
38	USA	University of Hawaii	Ms. Christina Higa	Director/Co-principal Investigator	PEACESAT

**APRSAF Workshop for the Satellite Communications Experiments Program**  
(*Tentative*)

Place: Nai Lert Park Bangkok

Day 1 (29<sup>th</sup> June, 2006) 9:00 – 17:00

<b>Time</b>	<b>Title</b>	<b>Speaker</b>
09:00 – 09:10	Chairman Announcement	Mr. Toru Fukuda Director, SAPC, JAXA
09:10 – 09:20	Welcome Remarks (1)	Mr. Hideshi Kozawa Associate Executive Director, JAXA
09:20 – 09:30	Welcome Remarks (2)	Dr. Shingo Ohmori Vice President, NICT
09:30 – 10:00	Overview and Status of WINDS	Mr. Yasuo Nakamura WINDS Project Team, JAXA
10:00 – 10:30	WINDS Communications System	Mr. Toshio Higuchi Senior Engineer, SAPC, JAXA
10:30 – 10:45	Break	
10:45 – 11:15	Overview of NICT R&D Status of WINDS development	Dr. Hiroyo Ogawa Dr. Ryutaro Suzuki NICT
11:15 – 11:45	Examples of WINDS Application (Introduction of science & technology development research)	Mr. Wakoto Akinaga Executive Director, NEC TOSHIBA Space Systems, Ltd.
11:45 – 12:15	Report of Pilot Experiment Program Video Transmission by Ka-band portable station	Mr. Tadao Nakatake SAPC, JAXA
12:15 – 13:30	Lunch	
13:30 – 14:00	Experiment Plan of WINDS	Dr. Masaya Nakayama WIDE group / Tokyo University
14:00 – 14:30	Report of Pilot Experiment Program Video transmission from aircraft	Mr. Masaru Arakida Senior Researcher, Asian Disaster Reduction Center (ADRC)
14:30 – 15:00	Proposal of WINDS Experiment Sensor Network Application for Satcom	Mr. Naoto Kadowaki Head, Dept. of Smart Network, Advanced Telecommunications Research Institute International (ATR)
15:00 – 15:30	Break	
15:30 – 16:00	Proposal of WINDS Experiment Hybrid Satellite/Terrestrial Communications	Prof. Tak Shing Peter Yum Information Engineering, The Chinese University of Hong Kong
16:00 – 16:30	Proposal of WINDS Experiment Application Testing and Trial Experiments over the WINDS Infrastructure	Mr. Denis F Villorente Director, Advanced Science and Technology Institute (ASTI)

Welcome Reception : 18:30 - 20:30

## Appendix-2

Day 2 (30<sup>th</sup> June, 2006) 9:00 – 17:00

Time	Title	Speaker
09:00 – 09:15	Confirmation of the progress	Chairman
09:15 – 09:45	Report of Pilot Experiment Program e-Learning among Tsukuba Univ., AIT and MMU	Dr. Dong Sheng Cai Institute of Information Sciences and Electronics, University of Tsukuba
09:45 – 10:15	Proposal of WINDS Experiment Uplifting Graduate Education via Distance Learning	Prof. Nestor Michael C. Tiglao Department of Electrical and Electronics Engineering, University of the Philippines Diliman (UP)
10:15 – 10:45	Break	
10:45 – 11:15	Proposal of WINDS Experiment Environmental Monitoring and Environmental Tele-education	Dr. Rosula S. J. Reyes Electronics, Computer and Communications Engineering, Ateneo de Manila University (AdMU)
11:15 – 11:45	Proposal of WINDS Experiment Satellite Mobile Telemedicine for Rural Area in Indonesia	Prof. Utoro Sastrokusumo School of Electrical Engineering and Informatics, Institut Teknologi Bandung (ITB)
11:45 – 12:15	Proposal of WINDS Experiment Satellite Broadband Mobile Multimedia Service Demonstration on the Ships	Dr. Ho-Jin Lee Global Area Wireless Technology Group, Electronics and Telecommunications Research Institute (ETRI)
12:15 – 13:30	Lunch	
13:30 – 14:00	Ka-band satellite communications transmission	Prof. Hajime Fukuchi Department of Aerospace Engineering, Tokyo Metropolitan University
14:00 – 14:30	Proposal of WINDS Experiment Experimental Laboratory for WINDS/Ka-band Experiments	Mr. Joko Suryana School of Electrical Engineering and Informatics, Institut Teknologi Bandung (ITB)
14:30 – 15:00	Proposal of WINDS Experiment Performance of Ka-band Transmission / Ka-band site-diversity improvement	Dr. Yee Hui Lee School of Electrical and Electronics Engineering, Nanyang Technological University
15:00 – 15:30	Break	
15:30 – 16:30	Discussion about experiment (1) Procedures (2) Schedule (3) Obligation, etc.	Mr. Toshio Higuchi Senior Engineer, SAPC, JAXA
16:30 – 16:40	Closing Remarks	Mr. Hideshi Kozawa Associate Executive Director, JAXA

## Information

### **Registration**

Registration will be open in front of the “Park BC” (workshop venue) at the Nai Lert Park Bangkok Hotel at 8:00-9:00 a.m. 29<sup>th</sup> June, 2006.

Please bring your two Name Cards with you; one for your own nametag and the other for our record.

### **Social Events**

NICT will be hosting a “Welcome Reception” for the participants at the Nai Lert Park Bangkok Hotel from 18:30 to 20:30 p.m. on 29<sup>th</sup> June, 2006.

### **Lunch**

International Buffet Lunch will be arranged at “ISO” at the Nai Lert Park Bangkok Hotel on 29<sup>th</sup> and 30<sup>th</sup> June, 2006.

### **For Presenters**

#### **Presentation Tools**

PC, LCD Projector and a laser pointer are available at the workshop venue.

#### **Presentation Data Submission**

Your presentation such as Power Point data will be submitted to the Secretariat at “Montha” at the Nai Lert Park Bangkok Hotel on 28<sup>th</sup> June.

Submission of electronic data will be highly recommended before the workshop by contacting with Mr. Hiroyuki Saijoh (saijoh.hiroyuki@jaxa.jp).

**For further information, please contact:**

**[saijoh.hiroyuki@jaxa.jp](mailto:saijoh.hiroyuki@jaxa.jp)**

**<http://www.aprsaf.org>**