

IEEE Tokyo Section Report

For

2015

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PART A - SECTION SUMMARY

A.1 Executive Summary

- IEEE Milestone dedication ceremony was held Vapor-phase Axial Deposition Method for Mass Production of High-quality Optical Fiber, was held on May 21st, 2015, at Palace Hotel Tokyo, Tokyo, Japan. This is the 26th Milestone in Japan.
- IEEE Metro Area Workshop in Tokyo was held on May 15 - 16, 2015, on Nishi-Waseda Campus, Waseda University, Tokyo , organized by IEEE Tokyo Section.
- The IEEE Tokyo Section's Year 2015 General Assembly was held on March 20th (Fri). After the General Assembly, the First Lecture of 2015 was hosted by the Tokyo Section, and also a celebration ceremony for newly selected IEEE Fellows in 2015 was held. 3new IEEE Fellows in the Tokyo Section attended the ceremony.
- The Tokyo Section Executive Committee Meetings of 2015 were held 4 times, March 20th, June 16th, September 25th and December 4th.
- Technical Program Committee of the Tokyo Section hosted 6 lecture meetings.
- University of Electro-Communications Student Branch was established in 2015, Tokyo Section has 12 Student Branches.
- **<Section Officer>**
 Chair: Kazuo HAGIMOTO
 Vice Chair: Katsumi EMURA
 Secretary: Hidenobu HARASAKI
 Treasurer: Hiroki FUJISHIRO
 <Executive Committee Members>
 Eisaku MAEDA, Yuichi MATSUSHIMA, Toru FUKUSHIMA ,
 Hiroyuki UENOHARA , Takahiko SABA, Naoyuki NAKAGOME,
 Yukitoshi SANADA, Haruo OKUDA, Kouichi INADA, Kojiro NISHIMIYA
 Toshihiko SUGIE, Toshitaka TSUDA, Isamu CHIBA, Seishi TAKAMURA

The latest change was made on March 14th, 2014, adding History to the Standing Committees in Article III 1.

2016 section officers are the same as 2015, because we have two year term, defined by the bylaw Article II 2.

A.1 Financial Report		2015 Financial Report		
		All in Japanese Yen		
● INCOME		Budget (Assumption US\$1=104)	Actual (1/1-12/31)	Remarks
IEEE From IEEE HQ/R10		18,212,480	21,017,382	Mean rate US\$1 = 118.45
	Section Rebate	3,224,000	3,588,803	
	Chapter Rebate	428,480	446,544	
	YP Rebate		26,162	
	LMAG Rebate		35,082	
	SB Rebate		102,985	
	LMAG FUND		118,920	
	YP FUND		103,460	
	Section Assessment (SA)	14,560,000	16,595,426	
Interest		5,000	3,540	Interest, etc.
Other (Income of recovery cost)		500,000	3,784,946	
	MAW support received		383,954	
	plaque fee received		2,455,252	
	recovery cost form MGA		772,940	
	Audit fee support		172,800	
Section Assessment reduce		0	1,659,543	10% of SA
The cancellation of a contract Financial reserve		816,000	2,705,062	The fixed deposit cancellation of a contract
	Liquidation of office Facility Maintenance		1,205,062	
	Liquidation of Exchange fluctuation liability reserve		1,500,000	
Total Income		19,533,480	29,170,473	
● EXTENDITURE				
Council Support		14,560,000	16,592,426	The total amount of SA (Receipt fee ¥ 3,000)
Meeting		650,000	945,813	
	Annual General Assembly	500,000	517,491	Meeting place costs/Social gathering/Document print/etc.
	Technical Meeting	100,000	197,061	Meeting place costs, etc.
	Executive Committee Mtg	50,000	205,979	Included for Social gathering in 4th 2014 Executive Committee Mtg
	Other Meetings	0	25,282	
Committee Activities		50,000	146,328	LMAG Support
Yps Support		130,000	69,901	Support for the entrance fee of R10 SYWC
YP Fund payments			103,460	
YP Rebate payments		0	26,162	Rebate From IEEE HQ
SB Support		1,000,000	717,331	
SB Rebate payments		0	102,985	Rebate From IEEE HQ
Chapter Rebate payments		428,480	446,539	Rebate From IEEE HQ
Secretariat costs		1,215,000	1,409,948	
	Office Facility	200,000	279,737	projection, PC
	IT Service operation	860,000	859,950	maintenance, etc.
	Telephone & Postage	5,000	3,194	
	others (Miscellaneous)	150,000	94,267	
	previous year Audit fee	0	172,800	
Special Expenses		1,500,000	4,975,407	
	MAW		673,369	
	advances of plaques		2,455,252	
	advances of MGA		772,940	
	others		1,073,846	R10SYWC 3 / WIEILS 1 support
Total expenses		19,533,480	25,536,300	
Income-Expenditure		0	3,634,173	
Balance Brought Forward from 2015 (Budget balance carried forward)		2,619,562	2,619,562	
Balance Carry Forward to 2016		2,619,562	6,253,735	498,000 yen For a 2015 approval server shift expense, it will be used in 2016

We performed secretariat cost separation between Japan Council and Tokyo Section. Thus Tokyo Section will support one fifth of labor and rent cost of secretariat and one fourth of mal/web server expense in 2016.

PART B - ORGANIZATIONAL ACTIVITIES

B.1 Membership Development Activities

The Membership Development Committee made every effort to enhance membership. The membership by grade is as follows:

Grade	Number (12/31/2013)	Number (12/31/2014)	Number (12/31/2015)
Life Fellow	159	165	172
Fellow	183	181	171
Life Senior Member	68	74	78
Senior Member	439	443	443
Life Member	223	246	263
Member	5714	5739	5712
Associate	280	245	234
Graduate Student Member	574	577	598
Student	269	177	219
Others(HM, PM, LA)	2	2	2
Total	7911	7849	7892

43 members increased in 2015. Tokyo Section was commended for meeting its retention goal for the 2015 membership year.

- 6 members were newly selected as IEEE fellows from Tokyo Section in 2015.
 1. Haruhisa Soda
 2. Isao Yamada
 3. Masashi Usami
 4. Tetsuji Oda
 5. Yoshihiro Shiroishi
 6. Yuichi Tohmori

B.2 Chapter Activities

32 Society Chapters belong to Tokyo Section. 24 Japan Council Chapters moved to Tokyo Section in 2015. Move to establish Chapters in each Section is progressing.

6 Chapters will soon be Tokyo Section chapters.

32 Societies (Society Codes) are as follows:

Signal Processing Society (SP-01)
 Broadcast Technology (BT-02)
 Antennas & Propagation (AP-03)
 Circuits & Systems (CAS-04)
 Nuclear & Plasma Sciences (NPS-05)
 Vehicular Technology Society (VT-06)
 Reliability (R-07)
 Consumer Electronics (CE-08)
 Instrumentation & Measurement (IM-09)
 Aerospace and Electronic Systems (AES-10)
 Computational Intelligence (CIS-11)

Information Theory (IT-12)
 Computer (C-16)
 Microwave Theory & Techniques (MTT-17)
 Engineering in Medicine & Biology (EMB-18)
 Communications (COM-19)
 Ultrasonics, Ferroelectrics & Frequency Control (UFFC -20)
 Components, Packaging & Manufacturing Technology (CPMT-21)
 Oceanic Engineering (OE-22)
 Control Systems (CS-23)
 Robotics and Automation (RA-24)
 Education (E-25)
 Electromagnetic Compatibility (EMC-27)
 Systems, Man & Cybernetics (SMC-28)
 Geoscience & Remote Sensing (GRS-29)
 Power & Energy (PE-31)
 Dielectrics & Electrical Insulation (DEI-32)
 Magnetism (MAG-33)
 Power Electronics (PEL-35)
 Photonics (Formerly LEOS) (PHOT-36)
 Intelligent Transportation (ITS-38)
 Electronic Design Automation (CEDA-44)

B.3 Professional and Continuing Education Activities

Following lecture meetings were held during the year of 2015.

1) March 20th

Title: “My experience of MGA (Member and Geographic Activities) “
 Lecturer: Prof. Hidenori Nakano (Waseda University)

2) May 21st

Lectures Celebrating the IEEE Milestone to Vapor-phase Axial Deposition
 Method for Mass Production of High-quality Optical Fiber
 Title 1: “IEEE Milestones”
 Lecturer 1: Prof. Isao Shirakawa (IEEE Japan Council History Committee Chair)

Title 2: “Development of VAD method”

Lecturer 2: Dr. Tatsuo Izawa
 (Chitose Institute of Science and Technology, Head Director)

Title 3: “Practical use of VAD method”

Lecturer 3: Dr. Shigeru Tanaka
 (Sumitomo Electric Industries, Ltd, Senior Managing Director)

3) July 17th

Title 1: “Maxwell’s Equation and related topics”
 Lecturer1: Prof. Takehiko Kobayashi (Tokyo Denki University)

Title 2: “5G Mobile Communications”
 Lecturer 2: Mr. Seizou Onoe (NTT DoCoMo)

4) August 4th

Title : “From the Concept of Autonomous Distributed System to an Avatamska Sutra view of the world”

Lecturer: Dr. Hirokazu Ihara (Board Director, International Institute of Intelligence and Information, IEEE Fellow, formerly with Hitachi Corporation)
(★Recipient of “2015 IEEE Innovation in Societal Infrastructure Award”)

5) September 26th

Title : “Future of Electronic Devices approaching to Nano-structure Limit”

Lecturer: Prof. Hiroshi Iwai (The Tokyo Institute of Technology, IEEE Fellow)
(★Recipient of “2015 IEEE Clelio Brunetti Award”)

6) December 7th

Title 1: “Optical fiber technology: the past 40 years and the future”

Lecturer 1: Dr. Ryoza Yamauchi (Fujikura)

Title 2: “Optical communication devices: the past and the future”

Lecturer 2: Prof. Kohroh Kobayashi (Tokyo Institute of Technology)

Title 3: “Optical communication systems: the past and the future”

Lecturer 3: Prof. Tetsuya Miki (University of Electro-Communications)

B.4 Students Activities

The Tokyo Section has 12 Student Branches; University of Tokyo (1976), Tokyo Institute of Technology (1994), Keio University (1994), Yokohama National University (1995), Tokyo City University (2004), Tokyo Denki University (2005), Meiji University (2007), Tokyo University of Science (2009), Waseda University (2010), Chuo University(2012), Tokyo University of Agriculture and Technology(2012), University of Electro-Communications(2015).

Following student activities were held during the year of 2015.

- 1) April 18th IEEE LMAG/Student/YPs/WIE Networking Workshop
- 2) May 15th ~16th IEEE JC Student Branch Leadership Workshop
- 3) July 9th ~12th IEEE R10 Student /YPs/WIE Congress 2015
- 4) November 28th TOWERS (Transdisciplinary-Oriented Workshop for Emerging Researchers), organized by Tokyo Section

B.5 Affinity Group Activities

- Young Professionals (YPs)

Following activities were held during the year of 2015.

- 1) March 11th Kansai Section and Tokyo Section YPs Networking
- 2) April 18th IEEE LMAG/Student/YPs/WIE Networking Workshop
- 3) May 15th~16th Metro Area Workshop and Student/YPs/WIE Workshop
- 4) July 9th ~12th IEEE R10 Student /YPs/WIE Congress 2015
- 5) September 7th STEP (Student Transition & Elevation Partnership) Event
- 6) September 10th ~12th IEEE WIE International Leadership Summit 2015
- 7) November 16th Essay Contest

- Life Members Affinity Group (LMAG)
 - 1) March 20th The 2015 Annual General Assembly
 - 2) March 20th LMAG Tokyo Lecture Meeting of Prof. Hidenori Nakazato
 - 3) April 18th IEEE LMAG/Student/YPs/WIE Networking Workshop
 - 4) May 21st Lectures Celebrating the IEEE Milestone.
 - 5) July 17th UEC Museum of communications Tour & LMAG Tokyo Lecture Meeting
 - 6) August 4th LMAG Tokyo Lecture Meeting of Dr. Hirokazu Ihara
 - 7) December 7th International Year of Light Commemorative Lecture Meeting
 - 8) LMAG Newsletter No.14 , No.15 and No.16 were published on January 28th & June 15th and December 22th.
http://www.ieee-jp.org/section/tokyo/lmag/newsletter/index_e.htm

- WIE
Tokyo Section has been actively engaged in the activities of WIE organized by Japan Council.

B.6 Awards & Recognition Activities

- Awards and Recognitions Recipients in 2015;
 - Dr. Takuo Aoyagi: IEEE Medal for Innovations in Healthcare Technology
 - Prof. Akinori Nishihara : Region 10 Outstanding Volunteer Award
 - Prof. Fumio Harashima : IEEE Haraden Pratt Award
 - Prof. Hiroshi Iwai : IEEE Clelio Brunetti Award
 - Dr. Hirokazu Ihara : IEEE Innovation in Societal Infrastructure Award
 - Dr. Takemochi Ishii: IEEE Innovation in Societal Infrastructure Award

B.7 Communication Activities (Newsletter, Home Page, E-mail etc.)

The Publications Committee issued a newsletter named “Tokyo Bulletin” five times during the year of 2015.

http://www.ieee-jp.org/section/tokyo/bulletin/bulletin_e.htm

Besides the bulletin, the information on professional and technical meetings was timely distributed to members through our membership database from SAMIEEE system by e-mail. We make every effort for frequent update of the Section web page (<http://www.ieee-jp.org/section/tokyo/>). Tokyo Section web page also provides the information from Chapters, and Student Branches.

B.8 Industry Relations

●Activities for/with industrial members

Tokyo section held MAW for a purpose by activation of the Industry relation on May 15th- 16th, 2015.

This Workshop consisted of 5 Sessions, 1 Special Invited Speech, 1 Special session, 1 Author ship Workshop and Networking Reception. Number of participants was about 200.

B.9 Humanitarian Technology Activities: None

B.10 Other Organizational Activities

Japan Council announced about IEEE Day by e-mail.

Region 10 annual General Meeting 2015 was held on March 6th-8th in Dhaka, Bangladesh, Mr. Kazuo HAGIMOTO from Tokyo Section and Mr. Hidenobu HARASAKI on behalf of Japan Council Chair attended.

PART C - OTHERS

C.1 Special Events

Metro Area Workshop in Tokyo was held on May 15th- 16th, 2015, Waseda University, Tokyo, organized by Tokyo Section supported by Waseda University. It was financial supported a part by MGA and co-sponsorship of “The Council for Info-Communications Promotion Month.”

C.2 Relationship with National Societies

The Section maintains a good relationship with 8 national Societies who hold the cooperation agreements with the IEEE. The eight Societies are:

- The Institute of Image Information and Television Engineers of Japan (ITE)
- Japan Society of Applied Physics (JSAP)
- The Society of Instrument and Control Engineers (SICE)
- The Illuminating Engineering Institute of Japan (IEIJ)
- Information Processing Society of Japan (IPSJ)
- The Institute of Electrical Engineers of Japan (IEEJ)
- The Institute of Electronics, Information and Communication Engineers (IEICE)
- The Japan Society for Science Policy and Research Management (JSSPRM)

C3. Collaboration with other IEEE Sections

Tokyo Section supported Nagoya YPs establishment with Tokyo YPs ,JC WIE and JC IPC(Industry Promotion Committee).

C.4 Support extended to Sub-sections & Society Chapters within the Section

Tokyo Section diligently works migration from Chapters in Japan Council to those in jointly coordinated sections in Japan, 24 Chapters have been migrated to joint section chapters headed by Tokyo Section in 2015.

Japan Council Chapter Operation Committee had a leadership for changing status of Japan Council Chapter to joint section chapters headed by Tokyo Section.

C.5 Best Practices of your Section

Metro Area Workshop in Tokyo was held on May 15th- 16th, 2015.

Tokyo Section has been supported for planning of Metro Area Workshop in Kansai 2016 and also Metro Area Workshop in 2017.

PART D - GOALS AND PLANS

D.1 Continuation of Project/Activity in Progress and Their Implementation Plans

- Advance the cooperative relations with Boston Section and Seoul Section based on the sister section agreements.
- Promote support of Japan Council’s operation and develop closer ties with other Sections in Japan.
- Support Student Branch activities in corporation with R10 and support further establishment of new Student Branches at Tokyo Section.

D.2 Goals and Future Plans

1. Increase member engagement
2. Improve relationships with and among members
3. Increase operational efficient and effectiveness, within the section and its interfaces
4. Enhance collaboration
 - a. Local face of Region/area to members and other non-IEEE societies
 - b. Local face of IEEE to community
5. Increase membership
6. Ensure the collection of appropriate information necessary to all the IEEE to become a data driven organization