

INSTITUTE OF ELECTRICAL AND ELECTRONICS ENGINEERS, INC
ASIA-PACIFIC REGION, LANGKAWI, MALAYSIA
September, 29-30, 2000

The meeting started at 8:00 hrs on Saturday the 29th September 2000

1. Welcome and Roll Call

The IEEE Region 10 Committee Meeting was held in Langkawi, Malaysia, on September 29-30, 2000.

The Region 10 Committee Meeting was called to order by the Director Professor Takuo Sugano at 8:00hrs. Regional Director, Professor Takuo Sugano extended a warm welcome to all the members of the Region 10 Committee, the Executive Committee members, as well as attendants from Headquarters. Director Sugano wished all the delegates a useful and fruitful meeting and also an enjoyable time in Langkawi.

Region 10 Secretary Professor Seiichi Takeuchi reported the delegates of the Region 10 Meeting that the total number of attendees was 77 including 10 Executive Committee Members, 4 Council Chair persons, 44 Section Chairpersons/representatives. In attendance, there were 11 guests from the IEEE Headquarters including 2 from APO.

It was pointed out by Region 10 Secretary Professor Seiichi Takeuchi that the R 10 web site should be referred to for Section Reports and therefore Section Reports were not reported at the meeting.

2. Approval of the Agenda

Region 10 Secretary Professor Seiichi Takeuchi outlined the schedule of this meetings as stated in the following:

Agenda of Region 10 Meeting (Updated on 25 September 2000) in Langkawi Island, Malaysia, 29-30 September 2000

29 September 2000

- (1) 8:00 - 8:10 Welcome and Opening Address (T. Sugano)
- (2) 8:10 - 8:20 Presentation of the Millennium Medals, the 1999 Sustained Section Membership Growth Award and the 1999 R 10 Best section Award (A.C.Bastos/T.Sugano)
- (3) 8:20 - 8:25 Approval of Agenda (S. Takeuchi)
- (4) 8:25 - 8:30 Approval of the Minutes of the Region 10 Meeting, held in Minneapolis, Minnesota, USA on 10 October 2000 (S.Takeuchi)
- (5) 8.30-8.45 Director's Report (T.Sugano)
- (6) 8:45 - 12:30 Presentations by Guests from IEEE (T. Sugano)
 - 08:45 - Dave Kemp, IEEE Secretary
Role of IEEE Secretary, IEEE Standard Globalization
Section/Chapter rejuvenation,
IEEE Engineering Management Society
 - 09:00 - Ted Hissey, IEEE Director-Emeritus
Student/GOLD Support

- Initiatives and National Society Activity
- 09:30 - Antonio C. Bastos - Vice President - Regional Activities
- 09:40 - Daniel R. Benigni - Past Vice President -Regional Activities
- 09:50 Break
- 10:30 - Louis A. Luceri - RAB Vice Chair - Membership Activities
- 10:40 - Arthur Van Gelder - RAB Vice Chair - Region, Section & Chapter Activities
- 10:50 - Gozde Bozdagi - RAB Vice Chair - Student Activities
- 11:00 - Lynn Carpenter - RAB Vice Chair - Member Operations
- 11:10 - Cecelia Jankowski - RAB Secretary/Managing Director - Regional Activities
- 11:20 - Issues/Forum -
Region 10 members will be given an opportunity to ask questions and the "panel" members will respond.
- 12:00 - Lunch Break
- (6) 13:00 - 16:10 Training Session (I) ---Plenary (L. Ozolins)
including discussions on activity report and future plan and proposal.
- 13:00-13:25 1. Electronic Communications (L.Wong)
- best web sites, using internet to reach members, using the information highway
- 13:25-13:50 2. Newsletters and other Forms of Communication to Members
(D. Kieronska)
- what works
- 13:50-14:30 3. Educational Activities and Recognized Education Programs
(H.P. Kincha and X. Zhou)
- facilities and programs available to members/sections
- continuing education programs
- distinguished lecturer program
- PACE activities
- 14:30-14:55 Break
- 14:55-15:20 4. Membership Development (T. W. Rhee)
- member recruitment and retention
- 15:20-15:45 5. Chapter Coordination (S. Takeuchi)
- starting/ rejuvenating inactive chapters
- process of starting chapter
- recruiting chapter leaders
- communication between sections and chapters
- 15:45-16:10 6. Section Management (L.Ozolins)
- rejuvenating inactive sections
- practical/best practice management of sections
- cooperation between sections
- section/region interaction
- 17:15 Assemble at Berjaya Hotel Lobby
- 17:30 Bus leaves for the Bam Thai Restaurant
- 22:00 Dinner ends

30 September 2000

- (7) 8:00 -11:00 Training Session (II) --Plenary (L. Ozolins)
- 8:00-8:25 7. Financial Planning (A. Nishihara)
- good financial planning for sections
- section, chapter rebates
- available funds from IEEE
- 8:25-8:50 8. Regional Conferences (W. Wahab)
- ideas on running successful conferences

- regional conferences available
- 8:50-9:15 9. APO Volunteer Support Services (F. Su)
 - volunteer support
 - membership issues
- 9:15-9:40 10. Awards (Y.W. Liu)
 - available awards
 - processes and how to apply
- 9:40-10:00 Break
- 10:00-10:25 11. GOLD Program (A. Anoop)
 - starting GOLD programs
 - GOLD activities
 - retaining student members in GOLD
- 10:25-10:40 12. Strategy Planning/Leadership (P.Y.S.Cheung)
 - tying in section plans with region goals
 - leader training, recruitment and retention
- 10:40-11:00 13. Student Activities (C.Y.Chang)
 - retaining students after graduation
 - student programs
 - best student branches
 - attracting new student members
 - process of starting a student branch
 - recruiting student leaders
- (8) 11:00-12:00 Action/Discussion/Reports Items (I)
 - 11:00-11:30 (8-1) Report of Treasurer (A. Nishihara)
 - Report of 1999 Expenditure
 - Approval of 2000 Budget
 - 11:30-12:00 Revision of MDC Budget (Tae Won Rhee)
 - 12:00-13:30 Lunch Break
- (9) 13:00-14.30
 - 13:00-14:00 (9-1) How to effectively co-ordinate conference in the Asia-Pacific Area (Singapore Section)
 - 14:00-14:10 (9-2) TENCON 2001(Lawrence Wong)
 - 14:10-14:30 (9-3) TENCON 2002 (W. Wahab)
 - 14:30-14:45 Coffee Break
- (10) 14.45:-17:45 Agenda added
 - 10-1) 14:45-15:00 Motion item proposed by RCC(Wahidin Wahab)
 - 10-3) 15:00-15:20 Tentative 2001 Budget (T.S.Low)
- (11) 15:20-16:40 Goals for the year 2001 and Concluding Remarks (T.S.Low)
 - 18:30 – 22.00 Beach Dinner at Berjaya Resort

Region 10 Training Session 29, 30 September, 2000

Session Opened 13:00 September 29

General Comments

- All training presentations will be placed on the Region 10 web site at the conclusion of the Region 10 meeting
- Recommendation that future training programs should include best practice from the Sections
- There needs to be a balance of information on available resources for new section chairs and best practice/new ideas for returning section chairs

Electronic Communications

- Presentation by Lawrence Wong

Newsletter and other Forms of Communication

- Harry McDonald has presented this information in the absence of Dorota Kieronska

Educational Activities

- Presentation by H.P. Kincha

Recognized Education Programs

- Presentation by X.Zhou

Membership Development

- Presentation by T.W. Rhee
- A motion to reduce the budget will be presented later during Region 10 meeting.

Chapter Coordination

- Presentation by S. Takeuchi

Section Management

- Presentation by L. Ozolins
- Comment made that a 'free' conference which saw good attendance in New Zealand did not achieve the same level of success in India. The section must decide what is best for the section and what its members want.

Financial Planning

- Presentation by A. Nishihara

Regional Conferences

- Presentation by W. Wahab
- There was a question and request for CD Rom versions of proceedings from Booker program. RESPONSE: The response was that TAB decides whether they publish proceedings on CD's. Therefore, the organising chair of the conference should communicate with TAB when running a conference to determine the criteria by which they decide to publish.
- A motion will be raised later regarding hosting 2 additional conferences in Region 10

APO

- Presentation by Fanny Su
- Request from Section Chairman through Region Secretary to simplify the process when an enquiry is made to HQ to ensure that all queries are answered promptly. RESPONSE: The response from RAB was that there are main contact numbers for general types of queries such as Membership, Student Services, etc.. Specific or special queries can and should be put through Fanny Su at APO.

AWARDS

- Presentation by Y.W. Liu
- Question: Is TENCON sponsorship by a Section taken into consideration when awarding the Region 10 Best Section Award? RESPONSE: Yes, along with other criteria.

GOLD

- Presentation by A. Anoop
- Question: Does the GOLD Chair sit on the Section Executive Committee?

Student Activities

- Presentation by Chin Wei Chen on behalf of C.Y. Chang
- As Prof. Chang was not present to respond to these questions therefore these questions will be posed to him for his response.
- Question: Who is new Region 10 SAC representative as this position is now vacant?
- Question: What is the procedure to fund Student Activities/Conferences in Region 10?

Concluding Comments

- Thank you to our current Region Director Dr. Sugano for his support and to respond to the request of the Section Chairman from the last Region 10 meeting to hold this training session.
- Thank you to all speakers for their effort, time and enthusiasm and to Lawrence for this his time to coordinate the use of his computer to make the presentations visible to the participants

Session Closed 10:50 30 September 2000

Membership Development Committee for Region 10 Meeting

MDC Chairman Tae-Won Rhee

1. The Region 10 membership as of the end of 1999 stood at 50,766 registering 17.78% growth in the final year of the last millenium as indicated below:

Region 10 Membership Growth as of Dec. 1999

Grade	Dec. 98	Dec. 99	Growth (#)	Growth (%)
Hon. Members	4	3	-1	-25.00
Fellows	476	498	22	4.62
Sr. Members	2,274	2,384	110	4.84
Members	27,481	29,328	1,847	6.72
Associates	3,944	7,770	3,826	97.01
Students	8,925	10,783	1,858	20.82
Total	43,104	50,766	7,662	17.78

2. The Membership Growth Statistics by Section over the 12 months of 1999 is as following;
REGION 10 MEMBERSHIP GROWTH STATISTICS AS OF DEC 31, 1999

GEO CODE	SECTION	ALL GRADE MEMBERS				STUDENT MEMBERS			
		STRENGTH		GROWTH		STRENGTH		GROWTH	
		DEC 98	DEC 99	NUMBER	%	DEC 98	DEC 99	NUMBER	%
R0.00.03	PAKISTAN	537	606	69	12.85	308	355	47	15.26
R0.00.07	HONG KONG	2,810	2,837	27	0.96	329	290	-39	-11.85
R0.00.11	TAIPEI	2,038	2,198	160	7.85	314	316	2	0.64
R0.00.15	PHILIPPINES	238	281	43	18.67	30	79	49	163.33
R0.00.25	SINGAPORE	3,349	3,348	-1	-0.03	429	476	47	10.96
R0.00.29	THAILAND	410	636	225	54.88	154	301	147	95.45
R0.00.35	MALAYSIA	791	832	41	5.18	84	145	61	72.62
R0.00.41	KARACHI	290	282	-8	-2.76	150	129	-21	-14.00
R0.00.51	BEIJING	1,503	1,782	279	18.56	336	478	142	42.26
R0.00.59	INDONESIA	261	227	-34	-13.03	28	26	-2	-7.14
R0.00.73	BANGLADESH	147	181	34	23.13	36	52	16	44.44
R0.00.88	APO/FPO	97	97	0	0.00	2	5	3	150.00
R0.00.99	COUNTRIES OUTSIDE SECTIONS	262	273	11	4.20	18	12	-6	-53.33

GEO CODE	SECTION	ALL GRADE MEMBERS				STUDENT MEMBERS			
		STRENGTH		GROWTH		STRENGTH		GROWTH	
		DEC 98	DEC 99	NUMBER	%	DEC 98	DEC 99	NUMBER	%
R0.01	INDIA COUNCIL	11,753	18,866	7,113	60.52	4,924	6,766	1,842	37.41
R0.01.19	BANGALORE	1,034	1,649	615	59.48	247	459	212	85.83
R0.01.21	BOMBAY	2,449	4,367	1,918	78.32	926	2,007	1,081	116.74
R0.01.23	DELHI	1,040	2,050	1010	97.12	343	371	28	8.16
R0.01.33	MADRAS	3,249	4,684	1435	44.17	1,844	2,260	416	22.56
R0.01.37	CALCUTTA	1,014	1,553	539	53.16	163	148	-15	-9.20
R0.01.45	KERALA	854	851	-3	-0.35	479	468	-11	-2.30
R0.01.49	HYDERABAD	1,283	2,339	1,056	82.31	579	683	104	17.96
R0.01.55	KHARAGPUR	112	112	0	0.00	30	16	-14	-46.67
R0.01.63	GUJARAT	388	531	143	36.86	221	240	19	8.60
R0.01.71	UTTAR PRADESH	330	730	400	121.21	92	114	22	23.91
R0.03	NEW ZEALAND COUNCIL	776	722	-54	-6.96	186	141	-45	-24.19
R0.03.01	NZ NORTH	432	394	-38	-8.80	107	68	-39	-36.45
R0.03.39	NZ SOUTH	344	328	-16	-4.65	79	73	-6	-7.59

		ALL GRADE MEMBERS				STUDENT MEMBERS			
		STRENGTH		GROWTH		STRENGTH		GROWTH	
GEO CODE	SECTION	DEC 98	DEC 99	NUMBER	%	DEC 98	DEC 99	NUMBER	%
R0.05	AUSTRALIA COUNCIL	5,326	5,604	278	5.22	740	845	105	14.19
R0.05.09	NEW SOUTH WALES	2,149	2,162	13	0.60	347	308	-39	-11.24
R0.05.43	VICTORIAN	1,293	1,376	83	6.42	124	154	30	24.19
R0.05.47	WESTERN AUSTRALIA	463	549	86	18.57	69	137	68	98.55
R0.05.53	QUEENSLAND	589	617	28	4.75	80	82	2	2.50
R0.05.57	SOUTH AUSTRALIA	446	490	44	9.87	53	96	43	81.13
R0.05.61	AUSTRALIAN CAPITAL TERRITORY	268	297	29	10.82	118	113	-5	-4.23
R0.05.75	NORTH QUEENSLAND	118	113	-5	-4.24	27	32	5	18.52
R0.07	KOREA COUNCIL	3,643	3,782	139	3.82	1,018	1,009	-9	-0.88
R0.07.17	SEOUL	2,274	2,363	89	3.91	654	649	-5	-0.76
R0.07.65	CHANGWON	226	251	25	11.06	27	28	1	3.70
R0.07.67	DAEJON	866	881	15	1.73	276	255	-21	-7.61
R0.07.69	TAEGU	277	287	10	3.61	61	77	16	26.23

534	534	ALL GRADE MEMBERS				STUDENT MEMBERS			
		STRENGTH		GROWTH		STRENGTH		GROWTH	
GEO CODE	SECTION	DEC 98	DEC 99	NUMBER	%	DEC 98			%
R0.09.	JAPAN COUNCIL	0	10,450	10,450	-	0			-
R0.09.13	TOKYO	0	6,731	6,731	-	0	242	242	-
R0.09.77	SAPPORO	0	162	162	-	0	19	19	-
R0.09.79	SENDAI	0	452	452	-	0	36		-
R0.09.81	NAGOYA	0	751	751	-	0	57	57	-
R0.09.83	KANSAI	0	1,514	1,514	-	0	129	129	-
R0.09.85	HIROSHIMA	0	289	289	-	0	12	12	-
R0.09.87	SHIKOKU	0	142	142	-	0	17	17	-
R0.09.89	FUKUOKA	0	409	409	-	0	22	22	-

3. The Region 10 has achieved a tremendous growth of 17.78%, which is more than five times the percentage growth rate of the US. Our Region is the second largest IEEE Region next to the Region 6, Western US.

4. There has been an increase of 20.82% in student members with its strength of

10,783 standing at the top of all the Regions in the World.

From 102 Branches in

Code	Section	Number of new student branches
R0.00.03	Islamabad	1
R0.00.35	Malaysia	1
R0.00.73	Bangladesh	1
R0.01.19	Bangalore	2
R0.01.21	Bombay	7
R0.01.23	Dehli	1
R0.00.33	Madras	8
R0.01.49	Hyderabad	2
R0.03.01	New Zealand North	1
R0.05.43	Victorian	1
R0.05.57	South Australia	1

1990, the number of Student Branches of our Region has increased to 209, the highest record of all the Regions.

5. One of our Branches, Thadomal Shahani Engineering College under Bombay Section, with 695 member strength, stands at the top position in the student strength among all branches in the world.
6. During the year 1999, 26 new Student Branches were formed as indicated in the following table:
7. The Following table shows Universities and Colleges in which new Student Branches may possibly be formed:
8. Goals and Plans for the year 2000:
 - 1) 15% growth in membership for the year 2000.
 - 2) 10 new Student Branches for the year 2000.
 - 3) Subsidies of \$100 for the promotion of each student branch library operation.

- 4) Continued subsidy to encourage the formation of a new branch and growth in student members;
- a) \$1 subsidy for each new student membership.
- b) \$100 subsidy as a start-up fund for a new student branch.
- 5) Continued support for my predecessor's on-going membership development effort in India.

2k Budget Akinori Nishihara

Code	Section	School Name	St. Strength
R0.00.11	Taipei	National Sun Yat-Sen Univ.	22
R0.09.83	Kansai	Nara Inst. of Science & Tech.	21
R0.00.15	Rep. of Philippines	De La Salle Univ.	51
R0.07.17	Seoul	Kwangju Inst. of Sc. & Tech.	20
		Pohang Inst. of Sc. & Tech.	28
R0.01.19	Bangalore	PES Institute of Technology	31
R0.01.21	Bombay	Rajeev Gandhi Inst. of Tech.	25
		Poone College of Engineering	35
R0.01.33	Madras	Arunai Engineering College	25
		Sri Krishna Coll. of Eng.	27
		Maharaj Engineering College	38
		Balaji College of Engineering	104
R0.05.43	Victorian	Monash University, Clayton	26
		Melbourne University	38
R0.01.49	Hyderabad	Sreenidhi Inst. of Sc. & Tech.	41
R0.09.79	Sendai	Tohoku University	23

IEEE Region 10 Budget for 2000

INCOME 97 Actual 98 Actual 99 Budget 99 Actual 2k Budget

Regional Allocation	\$79,500.00	\$79,500.00	\$79,500.00	\$79,500.00	\$79,500.00
Regional Assessment	\$117,622.64	\$134,029.42	\$120,000.00	\$132,768.72	\$120,000.00
Section Support via Region	\$5,995.00	\$5,995.00	\$4,125.00	\$4,125.00	\$4,125.00
Region 10 Conference Return	\$0.00	\$10,722.47	\$5,000.00	\$0.00	\$5,000.00
Interest	\$4,820.78	\$7,032.15	\$5,000.00	\$5,868.35	\$5,000.00
Other Income	\$5,959.96	\$3,000.00	\$0.00	\$0.00	\$0.00
Section Congress subsidy from HQ	\$0.00	\$0.00	\$48,012.45	\$48,012.45	\$0.00
Total Income	\$213,898.38	\$240,279.04	\$261,637.45	\$270,274.52	\$213,625.00

EXPENDITURE 97 Actual 98 Actual 99 Budget 99 Actual 2k Budget

Regional Meeting	(\$89,258.81)	(\$82,407.18)	(\$90,000.00)	(\$73,223.02)	(\$80,000.00)
ExCom Meeting	(\$27,231.64)	(\$14,902.31)	(\$25,000.00)	(\$21,834.45)	(\$25,000.00)
Section Support via Region	(\$5,995.00)	(\$5,995.00)	(\$4,125.00)	(\$4,125.00)	(\$4,125.00)
Region 10 Conference	(\$5,000.00)	\$0.00	(\$10,000.00)	(\$7,475.00)	(\$5,000.00)
Membership Development Committee	(\$7,848.00)	(\$7,257.41)	(\$18,200.00)	(\$1,155.03)	(\$17,000.00)
Educational Activities Committee	(\$7,086.00)	(\$5,518.82)	(\$19,000.00)	(\$2,478.00)	(\$7,000.00)
Student Activities Committee	(\$8,102.34)	(\$10,236.45)	(\$16,500.00)	(\$3,503.36)	(\$10,000.00)
Sec/Chapter Co-ordination	(\$5,009.23)	\$0.00	(\$1,500.00)	\$0.00	(\$1,500.00)
Newsletter	\$0.00	(\$431.70)	(\$3,600.00)	\$0.00	(\$3,600.00)
Regional Conference Co-ordination	(\$292.66)	(\$1,700.68)	(\$2,000.00)	(\$520.10)	(\$2,000.00)
Regional Chapter Coordinator	(\$350.00)	(\$4,991.49)	(\$5,000.00)	\$0.00	(\$5,000.00)
Awards	(\$2,357.50)	(\$1,650.00)	(\$6,800.00)	(\$635.00)	(\$5,200.00)
Regional Office	(\$5,808.73)	(\$6,192.00)	(\$10,000.00)	(\$1,552.19)	(\$10,000.00)
Electronic Comm Co-ordinator	(\$1,168.00)	(\$468.00)	(\$3,000.00)	(\$2,050.00)	(\$3,000.00)
Regional Startegic Planning	(\$2,686.14)	(\$1,058.06)	(\$5,000.00)	\$0.00	(\$5,000.00)

Miscellaneous \$0.00 (\$4,781.22) \$0.00 \$0.00 \$0.00
 Section Congress Reserve (\$20,000.00) (\$20,000.00) \$0.00 \$0.00 (\$20,000.00)
 Region 10 Reserve (\$35,000.00) \$0.00 \$0.00 \$0.00 \$0.00
 Sections Congress (\$100,000.00) (\$107,117.97)
 Strategic Project (\$40,000.00) (\$10,515.00) (\$40,000.00)

Total Expenditure (\$223,194.05) (\$167,590.32) (\$359,725.00) (\$236,184.12) (\$243,425.00)

SUMMARY

Balance B/F \$100,185.20 (\$889.53) \$163,581.25 \$163,581.25 \$237,671.65
 Total Income \$213,898.38 \$240,279.04 \$261,637.45 \$270,274.52 \$213,625.00
 Section Congress Reserve \$0.00 \$40,000.00 \$40,000.00 \$0.00
 Total Expenditure (\$223,194.05) (\$167,590.32) (\$359,725.00) (\$236,184.12) (\$243,425.00)

Balance Carry Forward \$90,889.53 \$163,581.25 \$105,493.70 \$237,671.65 \$207,871.65

R10 Reserve \$80,000.00 \$80,000.00 \$80,000.00 \$80,000.00 \$80,000.00
 Section Congress Reserve \$20,000.00 \$40,000.00 \$0.00 \$0.00 \$20,000.00

Grand Total Carry Forward \$190,889.53 \$283,581.25 \$185,493.70 \$317,671.65 \$307,871.65

Akinori Nishihara
 aki@ss.titech.ac.jp

The delegates of the Region 10 Meeting

No.	C'try	Attendee	E-mail	Section
1	APO	Fanny Su Beh Noi	ieeepo@pacific.net.sg	IEEE APO
2	APO	Jenny Long Yee Mui	ieeepo@pacific.net.sg	IEEE APO

3	Australia	William N. Cheung	wnc@ise.canberra.edu.au	ACT
4	Australia	Harry McDonald	harry.mcdonald@wpcorp.com.au	Aust.Council
5	Australia	Janina Mazierska	janina.marzierska@jcu.edu.au	N. Queensland
6	Australia	John Robinson	jl.robinson@ieee.org	NSW
7	Australia	Mohamed Deriche	m.deriche@qut.edu.au	Queensland
8	Australia	Bevan D. Bates	bevan.bates@ieee.org	South Aust
9	Australia	Michael Moore	m.moore@bigpond.com	Victoria
10	Australia	Lance C. C. Fung	TFUNGCC@cc.curtin.edu.au	Western Aust
11	Bangladesh	Shahidul Islam Khan	shahidul@eee.buet.edu	Bangladesh
12	Hong Kong	C. B. Leung	cbleung@eee.hku.hk	Hong Kong
13	India	K. Rajgopal	kasi@ee.iisc.ernet.in	Bangalore
14	India	Balkrishna R.Prabhu	bprabhu@vsnl.com	Bombay
15	India	R. Muralidharan	r.muralidharan@ieee.org	Bombay
16	India	N.Chatterjee	nirmalendu@ieee.org	Calcutta
17	India	Anoop A.	a.anoop@ieee.org	Gold Award
18	India	Ashok R. Pandya	aka@ad1.vsnl.net.in	Gujarat
19	India	S.Ragunathan	sragunathan@ieee.org	Hyderabad
20	India	A.K Aggarwal	aka19@hotmail.com	Indian Council
21	India	K G Satheesh Kumar	kgsatheesh@vsnl.com	Kerala
22	India	Subrata Sanyal	ssanyal@ece.iitkgp.ernet.in	Kharagpur
23	India	S.A. Soundara Rajan	soundararajan@ieee.org	Madras
24	India	Rajendra K.Asthana	asthana@ieee.org	New Delhi
25	India	K.E. Hole	hole@iitk.ac.in	UP, Kanpur
26	Japan	Isao Shirakawa	sirakawa@ise.eng.osaka-u.ac.jp	Kansai
27	Japan	Hiromasa Ikeda	ikeda-h@ieee.org	Kansai
28	Japan	Hiromasa Haneda	haneda@cs-ee.eedep.kobe-u.ac.jp	Kansai
29	Japan	Miki Yamamoto	yamamoto@comm.eng.osaka-u.ac.jp	Kansai
30	Japan	R. Yokoyama	yokoyama@cis.iwate-u.ac.jp	Sendai
31	Japan	Shiro Sakai	akai@ee.tokushima-u.ac.jp	Shikoku
32	Japan	Akihiko Morino	morino@selete.co.jp	Tokyo
33	Japan	Keichi Koyanagi	keiichi.koyanagi@ieee.org	Tokyo
34	Korea	Pabong Ha	pha@sarim.changwon.ac.kr	Changwon
35	Korea	Dong Yong Kim	kimdy@moak.chonbuk.ac.kr	Chonbuk
36	Korea	Jinwoo Eo	jweo@dankook.ac.kr	Korea Council
37	Korea	Dae Jin Kim	djinkim@chonnam.ac.kr	Kwangju
38	Korea	Yong Jin Park	park@nclab.hanyang.ac.kr	Seoul
39	Korea	Kae-Dal Kwack	kwack@shira.hanyang.ac.kr	Seoul
40	Korea	Yeong Ho Ha	yha@ee.knu.ac.kr	Taegu
40	Korea	Whan Woo Kim	wwkim@cnu.ac.kr	
41	Malaysia	Marzuki Khalid	marzuki@cnux.utm.my	Malaysia
42	Malaysia	Norman Mariun	norman@eng.upm.edu.my	Malaysia
43	Malaysia	Borhanuddin M. Ali	borhan@ieee.org	Malaysia
44	Malaysia	Jaafar Abu Bakar	Jaafar.Abu-Bakar@emy.ericsson.se	Malaysia
45	New Zealand	Mike Dewe	m.dewe@elec.canterbury.ac.nz	NZ Council
46	New Zealand	Robin Harrington	R.Harrington@it.canterbury.ac.nz	NZ South

47	Pakistan	Fasih Ahmad Masood	f.a.masood@ieee.org	Karachi
48	Pakistan	Hasnain Reza Mirza	maes@brain.net.pk	Pakistan
49	RAB	Theodore Hissey	t.hissey@ieee.org	RAB
50	RAB	Dan Toland	d.toland.ieee.org	RAB
51	RAB	Cecilia Jankowski	c.jankowski@ieee.org	RAB
52	RAB	Arthur Van Gelder	a.vangelder@ieee.org	RAB
53	RAB	Lou Luceri	l.a.luceri@ieee.org	RAB
54	RAB	Lynn Carpenter	l.carpenter@ieee.org	RAB
55	RAB	Gozde Bozdagi	g.bozdagi@ieee.org	RAB
56	RAB	Dan Benigni	d.benigni@ieee.org	RAB
57	RAB	Antonio C. Bastos	a.bastos@ieee.org	RAB
58	RAB	Dave Kemp	d.kemp@ieee.org	RAB
59	Region 10	Akinori Nishihara	aki@ss.titech.ac.jp	ExCom/R10 Trer
60	Region 10	Y. W. Liu	ywliu@eee.hku.hk	R10-Awards
61	Region 10	Wahidin Wahab	ieee@idola.net.id	R10-Conference
62	Region 10	Takuo Sugano	sugano@femd.crest.jst.go.jp	R10-Director
63	Region 10	Lawrence Wong	ccewwcl@nus.edu.sg	R10-E-Mail
64	Region 10	Xiaoxin Zhou	xxzhou@epri.ac.cn	R10-Excom
65	Region 10	H.P Khincha	hpk@ee.iisc.ernet.in	R10-Excom
66	Region 10	Tae Won Rhee	rheetw@ieee.org	R10-MDC
67	Region 10	Chin Wei Chen	MilesChen.ee87g@nctu.edu.tw	R10-SAC
68	Region 10	Loreen Ozolins	lozolin@hotmail.com	R10-Sec/Chap
69	Region 10	Seiichi Takeuchi	s.takeuchi@ieee.org	R10-Secretary
70	Singapore	Teck Seng Low	tslow@dsi.nus.edu.sg	R10-Director Elect
71	Singapore	Adrian Cheok	singapore@ieee.org	Singapore
72	Singapore	A. Rahim Leyman	singapore@ieee.org	Singapore
73	Singapore	Yung Chii Liang	singapore@ieee.org	Singapore
74	Singapore	Dapeng Tien	singapore@ieee.org	Singapore
75	Singapore	Chor Eng Fung	elecef@nus.edu.sg	Singapore
76	Singapore	S. Ramakrishna	engsr@nus.edu.sg	Singapore
77	Taiwan	Shi-Chung Chang	scchang@cc.ee.ntu.edu.tw	Taipei
78				
79				
80				