



INTERNATIONAL AMATEUR RADIO UNION
REGION 3
TWELFTH REGIONAL CONFERENCE



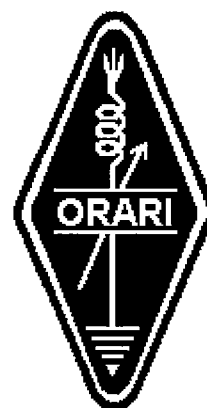
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Report form ORARI



REPORT FROM

ORARI

PRESENTED AT

**THE 12TH IARU REGION 3
CONFERENCE**

TAIPEI, TAIWAN, FEBRUARY 2004

Report from ORARI

A Paper from ORARI (Organisasi Amatir Radio Indonesia)
for the 12th IARU Region 3 Conference Taipei, Taiwan, February 2004

This Report covers the key issues facing ORARI and amateur radio in Indonesia.

ORARI Organisation and Management

The key office holders in ORARI are:

President: H. Harsono YBØPHM

Secretary General: Musa Suraatmadja YBØMOS

IARU Liaison: V. Ani Indrastuti Sidharto YCØVIU

The ORARI Headquarters is located in Jakarta, the capital of Indonesia. There are ORARI officials in all 30 ORARI DAERAH (Provinces).

ORARI Province Organisation

1. ORARI Daerah DKI Jakarta
2. ORARI Daerah Jawa Barat
3. ORARI Daerah Banten
4. ORARI Daerah Jawa Tengah
5. ORARI Daerah D.I. Yogyakarta
6. ORARI Daerah Jawa Timur
7. ORARI Daerah Lampung
8. ORARI Daerah Jambi
9. ORARI Daerah Bengkulu
10. ORARI Daerah Sumatera Selatan
11. ORARI Daerah Kepulauan Bangka Belitung
12. ORARI Daerah Sumatera Barat
13. ORARI Daerah Riau
14. ORARI Daerah Sumatera Utara
15. ORARI Daerah Nangroe Aceh Darussalam
16. ORARI Daerah Kalimantan Barat
17. ORARI Daerah Kalimantan Selatan
18. ORARI Daerah Kalimantan Timur
19. ORARI Daerah Kalimantan Tengah
20. ORARI Daerah Sulawesi Selatan
21. ORARI Daerah Sulawesi Tenggara
22. ORARI Daerah Sulawesi Tengah
23. ORARI Daerah Sulawesi Utara
24. ORARI Daerah Gorontalo
25. ORARI Daerah Maluku
26. ORARI Daerah Maluku Utara
27. ORARI Daerah Bali
28. ORARI Daerah Nusa Tenggara Barat
29. ORARI Daerah Nusa Tenggara Timur
30. ORARI Daerah Papua

Annual Conference and Annual General Meeting

ORARI National Conference VII

The 7th National Conference of ORARI was due on 7 July 2001, but thanks to the unfavourable political situation in Indonesia it was postponed until October 2001. The Conference was held from 13 – 15 October 2001, attended by ORARI branches from all Provinces.

The National Conference produced:

1. General Policy for the coming 5 year period (2001 – 2006);
2. Instructed the ORARI PUSAT (Head Office) to liaise with the Telecommunication Authority to speed up the issuing of the new regulations for Amateur Radio;
3. Instructed the ORARI PUSAT to hold a Special National Conference not later than 6 months after the issuance of the regulation;
4. Member's contribution to the organization to remain the same, as decided at the 6th National Conference in 1996 in Yogyakarta;
5. Elected the National Board of Leadership, as follows:

ORARI National Advisory Council :

Soegito - YFØAL	Chairman
Sunarto - YBØUSJ	Secretary & Member
Yurmalus Aras – YB5BB	Member
John Kairupan – YB2NG	Member
Ahmad Salim Khudah – YB3OSE	Member
Hakamuddin - YB8HD	Member

ORARI National Management :

H. Harsono - YBØPHM	President
Rusmana Ardiwinata – YB1DRA	Vice President
John M. Tombeg – YB1FCC	Director for Operation & Technology
Musa Suraatmadja - YBØMOS	Secretary General
M. Faisal Anwar – YB1PR	Deputy Secretary General
Sofiatiningsih Soeharto - YCØXVC	Treasurer
V. Ani Indrastuti Sidharto – YCØVIU	Deputy Treasurer

Musyawahar Nasional Khusus ORARI dan Rapat Kerja Nasional

Musyawahar Nasional Khusus dan Rapat Kerja Nasional was held in East Java in February 2003, attended by delegates from 29 ORARI Daerah. Only one ORARI Daerah, from Aceh, was unable to come.

The Articles of Association and bylaws of ORARI were updated in compliance with the new Regulation on Amateur Radio issued by the Government in the year 2002.

Financial Difficulties

Members' financial contribution to the organization in Rupiah amounts has not been changed since 1996. At that time the exchange rate was then Rp 2,500 to the US dollar. The current exchange rate (in early 2004) is now Rp 8,500 to the dollar. At times it has been even higher. This affects all parts of our economy, including amateur radio.

At the last two national conferences we proposed a resolution to increase members' contributions from the current Rp 1,000 per person per month to a more reasonable amount. However, both times the resolution was defeated. This is the major reason why we have been having difficulties with our annual IARU Region 3 contribution. We cannot resolve this problem at present. As a non-profit organisation we have to operate solely on the contributions from our members.

Liaison with the Indonesian Administration

Liaison is maintained with the Administration, the Directorate General of Post and Telecommunication, Department of Communication, and at the provincial level with Dinas Perhubungan Propinsi. We have a reasonable relationship with the radio frequency administration people.

In 2002 the Authority issued a new regulation on Amateur Radio, which gives us more privileges. This is good news. The major improvements for us included:

1. Novice Class is allowed to work DX stations using CW mode;
2. ORARI is included in organizing examinations for Amateurs;
3. ORARI members of the age of 60 years and older are given a licence for life;
4. Hams from countries having reciprocal agreements with Indonesia, or from ASEAN countries, visiting Indonesia as tourists, are allowed to operate a radio as Guest Operators;
5. Amateurs from any country are allowed to go on a DXpedition to Indonesia, provided that they bring with them a letter of recommendation from the Telecommunication Authority of their own country.

Operation by Visiting Amateurs

Foreign amateurs on short visits (less than 3 months) to Indonesia can obtain a license to operate an amateur radio. A tourist amateur can also operate as a guest operator. Those amateurs who want to go on a DXpedition can also apply for a license. These licence and operating privileges are granted on the condition that the visitors come from countries that have reciprocal agreements with Indonesia; and those from ASEAN countries in conjunction with the Memorandum of Understanding reached at the Beijing IARU Region 3 Conference.

ORARI Membership

A steady decline of membership has been going on for the last 7 years. This is due to the widespread use of mobile phones, Internet and other modes of communication. But the difficult economic condition of our country is the one that has the most profound effect on this process. It is hard for amateurs to obtain equipment, pay for operating costs including electricity and set up stations and antennas etc. – especially in the cities. We are very concerned about this situation.

It is very hard to find new and younger people, and get them excited about amateur radio in this age of digital communications. A lot of the “magic” of amateur radio has gone.

The trends are shown in the following table:

Class	Prefix	1997	New/Upgrade	Expired	2003
Advanced	YB / YE	1.409	442	675	1.176
General	YC / YF	5.353	2.965	3.535	4.783
Novice	YD / YG	21.130	11.095	10.544	21.681
No Code	YH	282	345	452	175
Total		28.714	14.847	15.206	27.815

Emergency Communications

Our Amateur Radio Emergency Service (ARES) continues to provide communications in emergency situations such as Search and Rescue, natural disaster etc. Some of the members also have medical, mountaineering and SAR qualifications.

National Communications Support

ORARI is always involved in providing communication to support the Government in various events:

- During General Elections;
- During National Sports Games;
- Jamboree On The Air;
- During Riots and Commotions; etc.

Promotion of Amateur Radio

Our activities include:

1. Advertisements and Articles on Amateur Radio in magazines, newspapers and electronic media;
2. Participation in electronic exhibitions;
3. Participate in or organise seminars and discussions in cooperation with other institutions, like:
 - National Search and Rescue;
 - National Institute of Aeronautics and Space;
 - Department of Internal Affairs;
 - Department of Social Affairs;
 - Department of Communication;
 - Telecommunication Community;
 - Police Force;
 - Department of Security and Defence;
 - Universities;
 - Boy Scouts; etc.

Special Activities

As special activities ORARI has included:

1. Organisation of Ham Festivals;
2. Organisation of Fox Hunting, by car as well as walking fox hunting;
3. Contests on 80 metres and the VHF Bands;
4. Island On The Air DXpeditions;
5. Organisation of Seminars and Panel Discussions on Amateur Radio.

Services to Members

1. QSL Bureau: Inbound and Outbound;
2. Handling the examination process;
3. Handling the licensing process;
4. Publication of Electronic Call Book;
5. Provision of Mail list (orari-news@yahoo.groups.com) for ORARI members.

Publications and Information

1. Magazine : Buletin Elektronik "ORARI News"
2. Info ORARI
3. Web Site : www.Orari-pusat.net
4. Web Site : www.Bulletine.orari.net
5. Web Site : www.Egroups.com/group/orari
6. Web Site : <http://qsl.net/yb0emj>
7. Web Site : <http://qsl.net/yb0ah>
8. Web Site : <http://qsl.net/yb7rda>
9. Web Site : <http://qsl.net/yb0low>

Official Broadcasts

There are no "Official Broadcasts".

Amateur Radio Examination and Training Services

1. Teaching and training candidates, carried out at provincial branches;
2. Publication of booklets on various subjects of Amateur Radio;
3. Publication of CD's containing various computer programs for Amateurs;
4. Publication of training materials on CD's;
5. Publication of Government Regulations on Amateur Radio on CD's;
6. Discussion of Radio Theory and Technique on the air, on 80 metre band.

International Activities

IARU and Overseas Liaison

Liaison activity is maintained with Region 3.

The IARU Region 3 Newsletter

The IARU Region 3 Newsletter is received and distributed to ORARI Daerah.

ORARI Monitoring Service/Intruder Watch

The ORARI Monitoring Service is still active in the 30 Provinces of Indonesia. Interference from intruders in the bands gets worse and worse every day. We regularly send reports on this condition to the Authority, but they do little.

Local Activities Contests

The following lists are regular / annual domestic contests, which are limited to the 80 metre band only.

a.	Kartini Contest	Phone	April, the 3rd Sunday
b.	Malang Sprint	CW	April, the 3rd Sunday
c.	Malang Sprint	Phone	April, the 4th Sunday
d.	Indonesia Contest	Phone	July, the 1st Sunday
e.	Merdeka Contest	Phone	August, the 2nd Sunday
f.	Pahlawan Contest	Phone	November, the 2nd Sunday
g.	Kalbar Contest	CW	December, the 1st Sunday
h.	Kalbar Contest	Phone	December, the 2nd Sunday
i.	Gambir Contest	Phone	December, the 3rd Sunday
j.	Riau Old & New	Phone	January 1st of the year

Awards

Worked The Equator Award
Worked All Indonesia Award
Jakarta Award
Borobudur Award
Danau Toba Award
Pahlawan Award
Bandar Sunda Kelapa VHF Award
Tugu Monas VHF Award

QSL Bureau

The ORARI National QSL Bureau is at P O Box 1096, Jakarta 10010, INDONESIA.

Scout Jamboree on The Air (JOTA)

National JOTA & JOTI are held every year in the month of August.

International JOTA & JOTI are held every year in the month of September.

Regulatory and Technical Activities

1. ORARI was involved in preparing the new Regulations on Amateur Radio;
2. ORARI was involved in formulating proposals by the Indonesian Delegation to the last WRC-03;
3. We are involved in preparing the Government Regulations on SAR.

Recommendation

That Region 3 Societies note the Report from ORARI and our situation in Indonesia, and the following Band Plan attachment.

Organisasi Amatir Radio Indonesia (ORARI)

President: HARSONO - YBØPHM

Frequency Management and Technical Advisory

The Amateur Bands in Indonesia

Indonesian radio amateurs have access to most frequency bands allocated to the Amateur Service in the Region 3 by the ITU regulations. Few restrictions apply. Access to all modes is available.

BAND PLAN

Amateur Frequency Allocations and Band Plans - Indonesia

1. MF	160 Meter					
	1,800 -	2,000	CW	200HA1A	200HA1B	2K20A2A
	1,830 -	1,835	CW DX Window	2K20A2B	3K00H3E	3K00J3E
	1,835 -	1,850	Phone DX Window	3K00R3E	6K00A3E	
	1,850 -	2,000	Phone			
2. HF	80 Meter					
	3,500 -	3,900	CW	200HA1A	200HA1B	2K20A2A
	3,500 -	3,510	CW DX Window	2K20A2B	3K00H3E	3K00J3E
	3,510 -	3,775	Phone	3K00R3E	6K00A3E	
	3,775 -	3,805	Phone DX Window			
	3,805 -	3,900	Phone			
3. HF	40 Meter					
	7,000 -	7,100	CW	200HA1A	200HA1B	1K20F1A
	7,025 -	7,040	Data	1K20F1B	2K20A2A	2K20A2B
	7,040 -	7,080	Phone	3K00H3E	3K00J3E	3K00R3E
	7,080 -	7,100	Phone DX Window	6K00A3E	16K0F2A	16K0F2B
				16K0G1B	16K0G2B	
4. HF	30 Meter					
	10,100 -	10,150	CW	200HA1A	200HA1B	1K20F1A
	10,140 -	10,150	Data	1K20F1B	1K20F2B	2K20G1B
				2K20G2B	2K20A2A	2K20A2B
5. HF	20 Meter					
	14,000 -	14,350	CW	200HA1A	200HA1B	1K20F1A
	14,070 -	14,112	Data	1K20F1B	1K20F2B	1K20G1B
	14,112 -	14,350	Phone	1K20G2B	2K20A2A	2K20A2B
				3K00H3E	3K00J3E	3K00R3E
				6K00A3E		
6. HF	17 Meter					
	18,068 -	18,168	CW	200HA1A	200HA1B	1K20F1A
	18,100 -	18,110	Data	1K20F1B	1K20F2B	1K20G1B
	18,110 -	18,168	Phone	1K20G2B	2K20A2A	2K20A2B
				3K00H3E	3K00J3E	3K00R3E
				6K00A3E		
7. HF	15 Meter					
	21,000 -	21,450	CW	200HA1A	200HA1B	1K20F1A
	21,070 -	21,150	Data	1K20F1B	1K20F2B	1K20G1B
	21,150 -	21,450	Phone	1K20G2B	2K20A2A	2K20A2B
				3K00H3E	3K00J3E	3K00R3E
				6K00A3E		

8. HF 12 Meter

24,890 -	24,990	CW	200HA1A	200HA1B	1K20F1A
24,920 -	24,930	Data	1K20F1B	1K20F2B	1K20G1B
24,930 -	24,990	Phone	1K20G2B	2K20A2A	2K20A2B
			3K00H3E	3K00J3E	3K00R3E
			6K00A3E		

9. HF 10 Meter

28,000 -	29,700	CW	200HA1A	200HA1B	1K20F1A
28,050 -	28,150	Data	1K20F1B	1K20F2B	1K20G1B
28,150 -	28,300	International Beacon	1K20G2B	2K20A2A	2K20A2B
28,300 -	29,300	Phone	3K00H3E	3K00J3E	3K00R3E
29,300 -	29,510	SATELLITE	6K00A3E		
29,510 -	29,580	Repeater Input			
29,580 -	29,620	FM Simplex			
29,620 -	29,680	Repeater Output			
29,680 -	29,700	FM Simplex			

10. VHF- 6 Meter

50,000 -	54,000	CW	200HA1A	200HA1B	1K20F1A
50,000 -	50,100	Beacon	1K20F1B	2K20A2A	2K20A2B
50,100 -	51,000	Phone	3K00H3E	3K00J3E	3K00R3E
51,000 -	52,000	Data	6K00A3E	16K0F2A	16K0F2B
52,000 -	54,000	Phone	16K0G1B	16K0G2B	16K0F3E

11. VHF- 2 Meter

144,000 -	148,000	CW	200HA1A	200HA1B	1K20F1A
144,000 -	144,100	E.M.E	1K20F1B	2K20A2A	2K20A2B
144,100 -	144,200	Data	3K00H3E	3K00J3E	3K00R3E
144,200 -	144,280	Experiment	6K00A3E	16K0F2A	16K0F2B
144,280 -	144,380	SSB Phone	16K0G1B	16K0G2B	16K0F3E
144,400 -	144,480	FM Simplex			
	145,000	Call Channel			
145,020 -	145,780	Organization Use			
145,800 -	146,000	SATELLITE			
146,020 -	146,280	Repeater Input			
146,300 -	146,800	FM Simplex			
146,820 -	146,880	Repeater Output			
146,900 -	148,000	FM Simplex			

12. UHF- 0,70 Meter

430,000 -	440,000	CW	200HA1A	200HA1B	1K20F1A
430,000 -	431,000	SSB	1K20F1B	2K20A2A	2K20A2B
432,000 -	432,080	Data	3K00H3E	3K00J3E	3K00R3E
432,100 -	433,000	E.M.E Beacon	6K00A3E	16K0F2A	16K0F2B
433,020 -	433,320	Repeater Input	16K0G1B	16K0G2B	16K0F3E
433,340 -	433,660	Repeater Output			
433,680 -	433,800	FM Simplex			
433,820 -	434,000	Repeater Output			
434,020 -	434,980	FM Simplex			
435,000 -	438,000	SATELLITE			
438,020 -	438,320	Repeater Input			
438,340 -	438,660	FM Simplex			
438,680 -	439,000	Auxiliary Repeater Link			
439,020 -	440,000	FM Simplex			

13. UHF- 0,23 Meter

1,240	-	1,300 GHz	Repeater Output	200HA1A	200HA1B	2K20A2A
1,246	-	1,254 GHz	Phone Simplex	2K20A2B	3K00H3E	3K00J3E
1,254	-	1,260 GHz	Repeater Input	3K00R3E	6K00A3E	16K0F3E
1,260	-	1,270 GHz	SATELLITE			
1,270	-	1,275 GHz	Phone			
1,275	-	1,280 GHz	Repeater Input			
1,280	-	1,285 GHz	FM Simplex			
1,285	-	1,290 GHz	Repeater Output			
1,290	-	1,300 GHz	FM Simplex			

14. UHF- 0,12 Meter

2,300	-	2,450 GHz	CW	200HA1A	200HA1B	2K20A2A
2,340	-	2,450 GHz	Phone	2K20A2B	3K00H3E	3K00J3E
				3K00R3E	6K00A3E	16K0F3E

15. SHF

3,300	-	3,500 Ghz	Akan ditentukan kemudian	A1A	A1B	A3E	H3E	J3E
5,660	-	5,680 Ghz	Akan ditentukan kemudian	R3E	F1A	F1B	F2A	F2B
10,000	-	10,500 Ghz	Akan ditentukan kemudian	F3E	F3C	G1B	G3E	
24,000	-	24,250 Ghz	Akan ditentukan kemudian					

16. EHF

47,000	-	47,200 GHz	Akan ditentukan kemudian	Kelebaran Emisi tidak				
75,500	-	81,000 GHz	Akan ditentukan kemudian	ditentukan sepanjang masih				
142,000	-	149,000 GHz	Akan ditentukan kemudian	bekerja dalam band frekuensi				
241,000	-	250,000 GHz	Akan ditentukan kemudian	yang dialokasi bagi Amatir Radio				

Technical Notes

VHF/UHF Beacon and Repeater Stations

No data is available on the number of repeaters now in operation.

Satellites

No Amateur Satellite is owned by ORARI.

Data Communications

Digital and image communications that are popular in Indonesia are:

SSTV, MMTTY, Packet Radio and PSK31.

Band Plan is submitted:

Organisasi Amatir Radio Indonesia (ORARI)

President: HARSONO - YBØPHM