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Subject	Reports Youth Coordinators IARU Region 1		
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Reports Youth Coordinators IARU Region 1

DARC, Germany - Annette Coenen, DL6SAK

The DARC Committee for Education, Youth and Training supports youth activities in the local clubs, DARC districts, as well as across the DARC.

Youth activities have a long tradition within the DARC. The committee keeps its information up to date on its web site (<http://www.darc.de/referate/ajw/jugend/>):

1. List of youth groups in local clubs in all districts
 - a. Crafts activities
 - b. Training
 - c. Broadcasts for children
 - d. Vacation actions
2. Kits and instructions
3. Youth field days
4. Amateur radio in the schools
5. Amateur radio in the colleges and universities
6. Youth camp over the past 5 years at Burg Ludwigstein (2009 - 2013)
7. HAM CAMP in Friedrichshafen
8. Kids Day

The committee has honoured youth leaders and youth groups since 2014 at the international amateur radio HAM RADIO fair with a special youth group ceremony. Youth activities are held at various amateur radio events such as at the HAM RADIO in Friedrichshafen and INTERRADIO in Hanover.

Documents for trainings are available in various forms:

- Online courses
- Books
- E-mail courses
- PDF's and PowerPoint slides about special themes specific topics
- Training materials for trainers

Trainings take place in special youth groups, as well as in all-age courses.

CRC, Czech Republic - Petr Papica, OK2AIA

Free time electronics hobby groups

The children and youth free time activities are quite popular in Czech Republic for decades. The basic activities are the electronic and HAM radio hobby groups. These are led by radio amateurs or electronic enthusiasts. These people are usually volunteers. Such hobby groups are usually covered by some non-profit organization, free time centre or local basic school. These organizations generally assure the legitimacy, insurance and some public relations.

The electronic and HAM radio hobby groups aim to educate the children and youth in electronics, technique and the HAM radio operation. The basic topics are building the electronics toys like the blinkers, buzzers, electronic dice, metal detectors etc... When the children manage to build these kits we teach them the principles of power supplies, receivers, PCB design by the CAD software. Later the children are learned about the basics and sense of radio-amateur communication.

Radio-electronics technical competition for children and youth

The radio-electronics technical competition for children and youth is preceded every year. It is a multi pool competition. The basic pool of this competition is held on the cantons. The winners of the canton pool participate in the region pool of such competition. And finally the best participants from the regional pools compete in the national competition. This competition has 3 levels: Z1 level is for children up to 12 years, Z2 level is for children from 12 to 16 and M level for youth from 17 to 19. The children and youth compete in 3 categories: the home-brewed electronics apparatus, building the given electronics kit and the test. The national radio-electronics technical competition for children and youth will be held in Olomouc city in 2014.

Making QSOs and HAM radio contests for youth

The cooperation with children and youth to introduce them into the Ham radio world is done by several ways. The children and youth who are interested in HAM radio can try to make a QSO in the radio clubs which participate in leading and coaching of the free-time hobby electronics groups. They can usually try making a few QSO in club station after the lesson of electronics. Another common way of introducing the HAM radio world to children is inviting them to participate the VHF/UHF activity every third Sunday morning in month. This activity is taken in account as a contest for children and the best children operators are evaluated on a year basis.

There are organized two major contests for children and youth during the year. The VHF youth contest, which is held every first Saturday in June from 14:00 to 17:00 UTC and the Youth field day (144/432 MHz) which is held every first Saturday in July from 10:00 to 13:00 UTC. These contests are in parallel or before with the sub regional contests. It would be great if these contests are known around the IARU R1 to allow more stations participate at these events. It is not known to the foreign stations widely. The stations outside of OK sometimes refuse to make the contest QSO with the youth operated station during such youth contest before the main sub regional contest. They followed the main sub regional contest rules and could not

know about the youth contest. It's a pity that the motivated youth HAMs felt disappointed by such occasion.

ARDF

Czech Radio Club represents the Czech ARDF national association at IARU Region 1. The Czech ARDF national association is a different legal entity and it is partially supported by the Czech Radio Club. The Czech ARDF national association strongly cooperates with children and youth, their members lead many of the free time groups for children and organize the ARDF trainings on regular basis. The Czech ARDF has great results in the ARDF contests even on the international field.

Camps and social events

Several camps and social events dedicated for youth are organized on regular basis as well.

Club OK1OHK organizes the open courses for the HAM license applicants and the summer camp for children interested in HAM radio.

Members of OK2KDJ and OK2KJT clubs organize a 10 days camp for children from 10 to 16 years. The objective is to attract youth generation to electronics and HAM radio.

Club OK1RAJ: Interest of them is the radio-scouting as a connection of the principles of scouting and HAM radio. They participate JOTA (Jamboree on the Air) on regular basis and present the HAM radio at the scout camps too.

Club OK2KYK organizes short summer HAM radio training camp for children and youth in their region.

Plan of activities in 2014

The national radio-electronics technical competition for children and youth will have been held in Olomouc city in May 2014. It will be organized by volunteers from Olomouc free time centre in cooperation with the committee from Czech Radio Club.

The course for the HAM license applicants will be held from April 24th to 29th 2014. This event will be organized by club OK1OHK and it will happen near Hradec, Kralove.

Members of OK2KDJ and OK2KJT clubs organize a 10 days camp for children from 10 to 16 years from July 29th to August 8th 2014.

The OK team will participate the YOTA 2014 event from July 15th to 22nd 2014 in Finland.

ERASD, Egypt - Said Kamel, SU1SK

The Egyptian Radio Amateurs Society, ERASD, the local member of the International Amateur Radio Union, IARU, views attracting and sustaining youth participation in amateur radio activities as one of its most important objectives. ERASD has worked with focus areas like: Radio Activities, Education, Society's Radio Station SU0ERA, and Egyptian Media penetration.

The situation for increasing the number of amateur radio operators in Egypt is difficult. Traditionally the number of licensed radio amateurs is extremely low compared to most other countries. The awareness of the existence of a global amateur radio community is near zero. Currently we have only a handful of reasonably active operators in a country of 85 million inhabitants. There are many reasons, like very strict rules on import, possession, use, and required technical limitations on amateur radio equipment. Further to this, the bureaucratic process for obtaining a license is complicated and lengthy, several months of waiting for a clearance is common.

As a consequence, the ERASD is a limited society with about 5 active members, and its financial situation is extremely weak. Despite this the following activities, intended for attracting youth to amateur radio, have been organised and performed by the ERASD:

Year 2011:

The establishment of ERASD's radio station SU0ERA.

Performing a training course for youth in the Sporting Club of Alexandria.

Organising and performing the 54th JOTA event, SU8JOTA

Year 2012:

Organising and performing an Arab Radio Scout Station event in Alexandria, SU30ASR.

Participation in the Cairo Science Festival at the AUC, the American University in Cairo.

Organising and performing the 55th JOTA event, SU55J.

Year 2013:

Organising and performing the 56th JOTA event, SU8JOTA, on the theme "Amateur Radio for everyone" with a much appreciated participation by youth with Special Needs.

Organising and performing the IOTA DXpedition to Nelson's Island, AF-109.

Organising and performing a training course for Egyptian youth at the AUC.

The above activities have, when relevant, been coordinated and operated in cooperation with the relevant body, like Cairo International Scout Centre, the American University in Cairo. Future events will be planned in the same way, and, as obvious, any support from the IARU is highly appreciated and necessary.

During the events ERASD has put importance on explaining the technical and scientific matters relevant to amateur radio in as simple terms as possible. Further, stress has been put on the way that amateur radio operators can assist their country

in cases of Natural Disasters.

ERAU, Estonia - Jüri Ruut, ES5JR

Regular events:

Technical day in February

Estonian hamfest in June/July

JOTA event in October

Open city operations by Scouts in Tallinn have attracted quite a lot of public attention in the last years.

18 junior members (younger than 18) in ERAU

The most active youth stations: ES1XQ/ES1O (Tallinn Polytechnic School), ES5YG (Ülenurme Gymnasium), ES5WP (Pala School), ES5EC (Student Satellite Club in Tartu University)

2011

July: Participation on YOTA 2011 in Romania with a team

2012

August: Participation on YOTA 2012 in Belgium with a team

2013

March: CQ WPX operations in SH3Y Youth Team (Kristjan, ES7GM, Kristjan, ES1TRE) and on ES9C (Tauri, ES5HTA, Kristers, YL3AJA)

August: YOTA 2013 in Tartu, more than 80 participants from 15 countries (Belgium, Croatia, Estonia, Finland, Italy, Latvia, Lithuania, the Netherlands, Poland, Romania, Russia)

Autumn: Youngsters participating in CQ WW Contests M/M operations in ES9C (Hannes, ES2ADO, Tauri, ES5HTA, Kristjan, ES7GM, Teodora, LZ2CWW, Pieter, ON3GPS, Kristers, YL3AJA)

Claimed World record in RTTY, EU records in SSB and CW

An outstanding youth station was ES1O lead by Keven ES6AXS and Keijo Kapp.

2014

August: Participation on YOTA 2014

CQ WPX/WW Contests with young participants.

RAL, Lebanon - Riri Azrak, OD5RI

We will have activities early October, Jota, kids talking to Santa Claus via the HF and a presentation Ham Radio for youth at school.

BFRA, Bulgaria - Teodora Getsova, LZ2CWW

Youth ham radio activities in Bulgaria are mainly in Amateur Radio Direction Finding (ARDF). In this direction of the hobby we have traditions and achieve good results. BFRA took an initiative over the past years. Since 2010, we organize an international competition in ARDF in the town of Primorsko (Four days at the Black Sea coast). First year, there was about 50 participants. The number grows every year and in last

one (2013) it was over 250 competitors and guests from 11 counties. This event is a good possibility for youngster participants and they come more and more. The categories W14, W16, W19 M14, M16, M19 are presented. In 2014 we are expecting even bigger number of participants.

The calendar in ARDF during 2011-2013 was full of events (both national and international). A lot of young competitors were attracted in the sport. They become more and more confident in their abilities and show good results. In 2011, the European youth championship in ARDF was held in Bulgaria. We got some medals from such a forum for the first time (1 gold, 1 silver, 1 bronze). That positive trend was confirmed in the next championships – European youth championship in 2012 (Lithuania). In the World Championship in 2012 (Serbia) and European Championship in 2013 (Poland) the young competitors did very good performance and qualified just behind the medals – 4, 5, 6 places.

Two main clubs from the country provide the competitors for the national teams. Most of the competitor begin at the age 10-12 and continue with the sport. Non-traditional way of teaching is a good one and interesting for them. They organize trainings and camps outside the city – in the close mountains, forest or river. People in the clubs also show the children other directions of ham radio – HF and VHF/UHF working, radio constructing. They also organize visit to the biggest Hobby Radio Expo in Bulgaria (in June in the town of Kazanlak). Most of the expenses are for the participants in the camps – food, travel expenditure and so on. The youth people take part in the organizing of the camps. One of the big problems is with the material and technical basis, facilities, equipment. For this reason, a group of enthusiastic people develop receivers for 3.5 MHz (Fox hunting). Their aim is this year we to have 100 new receivers at lower prices for general use. They are willing to develop and receivers for 144 MHz in the future.

Different people take an individual initiative for working with youth. For example, the club LZ2KSB involves children in ham radio since 2011. The club has good facilities and equipment – in addition to the space for station, there is another room with 5 computers which is appropriate for teaching basic skills. First group consisted of about 10 children (age 9-12). They had second group in the next year. The club gave them basic skills including learning morse code, organized weekend actions and two field days: IARU Field Day CW and IARU Field Day SSB in 2012, participating in HF contests. Now only a few children are keen and continue with ham radio. Another person has learnt very young guy (currently 8 year-old) to morse code and basic skills in ham radio, other has involved another guy to ham radio – VHF, contesting, ARDF. This education in amateur radio happens in home conditions; sometimes they visit other radio amateurs in their shacks.

High Speed Telegraphy – there we have a few young people. During 2011-2013 we achieved the best results through the years. A lot of medals from International championships, World Championships and World records were made. I will not count all of them. Since 2013 two new faces joined to the team (8 and 12 years old). In 2013 we organized 2 camps for the team and especially for the children. All the trainings are voluntary. We train as long as we want. There is no national championship in Bulgaria because of the small number of competitors.

In 2011 and 2013 the “Antenna workout” VHF event were held. It was a place where one can make new antenna. The event brought young beginners and advanced people. The first edition was at 144 MHz and the second one – to the 430 MHz. Organisation and implementation was with collaboration with Martin Schteier, author of many constructions of antennas for HF and VHF bands and Bulgarian companies. They helped us to use qualitative measuring equipment.

The SWAT BG association is reliable for modernizing, renewing and maintenance of repeater’s net in Bulgaria. In 2013 they participated in several initiatives related to their work – demonstrations, information centres and exhibitions. They have visited one school in Sofia and gave open lessons. Students are quite interested in their activities. The association would like to develop this activity in more schools.

Bulgarian federation of radio amateurs organizes with collaboration of the relevant institution held exams for radio amateurs several times yearly. The number of radio amateurs rises every year.

This year our VHF/UHF manager takes one initiative: “One small step...”. This program aims to form a couple of teams that will participate in the European balloon project for development of device which will fly in International Exhibition for Radio amateurs in Friedrichshafen. Three common flights are planned. Now a small competition inside Bulgaria is going on. The competition is for development of autonomous experimental electronic unit with a stratospheric balloon flight. The participants are pupils, students and youth people between 10 - 27 years. The competition goes through 4 rounds: elaboration and performance of detailed conception, review of the propositions. The approved candidates will have a chance for testing of their developed devices in real conditions of stratospheric flight. Now we organize meetings with students in Bulgaria. Several meetings and lections with candidates were given by professionals in different fields. Four flights are foreseen in Bulgaria from March to June.

The calendar in ARDF for this year consists of 10 competitions including World Championship, Balkan Championship, Youth Championship, Championships in Czech Republic and Ukraine and tournaments in the country. HST competitors will take part in Balkan and World Championship and maybe another tournament.

The youth activities are developed mainly from single radio amateurs who are willing and have the financial opportunity for that. Local funding and related normal existence of the clubs is the big problem. Facilitations, buildings, technical equipment are very insignificant or missing. There aren’t enough clubs in the whole country.

RSGB, UK - Steve Hartley, G0FUW

The Radio Society of Great Britain (RSGB) has not had a specific Youth policy but has supported Youth activities and has for many years encouraged young people to join the hobby. RSGB membership is free to Juniors (up to 21) and to Students in full-time education (aged 21-25). They receive the monthly magazine and are eligible for discount on books and other items form our shop. There is no age limit to amateur radio licensing in the UK and our affiliated Clubs offer training and examinations to all age groups, typically 8-80. We currently have approximately 300

members aged under 25.

In 2013 we specifically arranged activities for young people at our Centenary Day event at Bletchley Park. These included radio construction, computer programming and outdoor radio direction finding. A video of these activities is available on our website www.rsgb.org.uk. We are increasing our efforts to attract young people into radio science through participation in Youngsters on the Air 2014. We are sending a team to the event in Finland, plan to hold a smaller UK event at the same time and look forward to something special for YOTA month in December. With this increased activity it may be possible to establish a Youth Committee and to have a Young member to act as Youth Co-ordinator.

SARL, South Africa - Mitchel Mynardt, ZS6YH

I only have a few simple things i want to do to get the youth active again.

1. I want to start off by adding only the active youth operators on a Whatsapp group and a Facebook group.
2. Then I would like to make a professional promotional CD to help youngster with the necessary information to get them active. The CD would contain - How to work a contest (local and international), how to work normal HF (one to one QSO), then some logging programs (winlog32, etc.), digital programs (Ham Radio Deluxe, mixW, etc.) then also "how to build a interface", and then some soft covers off some book about antennas, how to get started and radio's.
3. There has been discussion about a T-shirt for youth only amateurs.
4. I want to begin a youth NET every month.
5. I want to especially focus on youngster working contests because it's the number 1 thing that would keep them busy on the radio. Working in contest could help local youngster to get a local certificate such as the WAZS (Worked all ZS).
6. One of the things I would like to accomplish is that 10 clubs, at the minimum, have to put up a station in a public place to give awareness of the youngsters on the air. (During the next youth week). My focus is on the clubs that have done this type of thing before.
7. Then at a later time get a youth coordinator in every division in South Africa.
8. I am also going to trying to spread the word of amateur youth in South Africa by asking people to put something small on their website about amateur radio and Youth.
9. At every weekend bulletin i want to put in an item to encourage youth and to say something about the activities of youth during the week.
10. The additional youth category in local contests should receive a small building kit to encourage youngsters to get active in a electronics. This will automatic help youth to stay active.

HRS, Croatia - Rolando Milin, 9A3MR

Traditional HAM summer camp near Split; 20 young people were introduced to HAM activities during 7-days of intense learning. HAMLETs passed P licence exam, built small ARDF transmitter, raised VHF and HF setup and, of course, held several QSOs.

Five member young ARDF team represented Croatia on EYAC in Tri Studne, Czech Republic

Team from Pazin, 9A7P represented Croatia on YOTA event in Estonia

Young HAMS from school section of 9A1A club (Technician School Rugjera Boskovica, 9A1RBZ) held contact with ISS orbital space station as part of ARISS program

Increase of radio clubs involved in organising schools for young radio amateurs, more than 200 newly licenced HAMS in 2013

VERON, the Netherlands Youth Commission (PD1BK, PD5LKM, PA3AGF, PA2LS)

Working document of the VERON's Youngsters commission



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Introduction

This document describes the main objectives which play a role of the installation of a new youth commission.

For the past 10 years the interest of youngsters in technical studies has steadily decreased resulting in an increasing problem for the industry to get staff which has a technical background. The Dutch government has identified this as a major problem and has started campaigns to get the youngsters interested in technical studies.

This decreasing interest in technical matters is also visible in the number of young members of the VERON. Those few young radio amateurs are either no member of the VERON or are more or less isolated between older radio amateurs which can form a boundary to get in touch with them.

Due to the low activity of the previous youth commission, the cooperation between a group of active amateurs who are involved with youngsters and the commission has come to a standstill. This group has refused to cooperate with the commission any longer. However some of them have chosen to continue their activity, still with great enthusiasm, without any further consultation with the commission.

A questionnaire held by the previous commission showed that the commission was out of phase with the group of active amateurs. However they have shown interest to cooperate under the condition that there will be clear guidelines.

This working document has been put together to initiate the first steps to come to a policy document.

The following persons have contributed to this document

Remy Denker, PA3AGF

Lennart Kieft, PD5LKM

Lisa Leenders, PA2LS

Berend Kuiper, PD1BK

Nation wide coordinator

This chapter describes the profile and tasks of the country wide coordinator in the Netherlands.

Profile

The profile of the coordinator is described below:

- The coordinator should be between 20 to 25 years old
- He has great sympathy of working with youngsters
- He should be familiar with the target audience in the sense that he should know what their interest is
- He should keep in touch with the target audience on a regular basis to know how their interest changes.
- The coordinator should have managerial qualifications
- He should show initiative to start new projects.
- He should be a good communicator:
 - ✓ Writing articles for Electron and the website.
 - ✓ Reports activities to the members and target audience
 - ✓ Reports to the point of contact in the executive committee.

He will be mentored by a member of the executive committee of the VERON

Tasks

The coordinator will have a set of basic tasks as part of his function. On top of that he will develop additional tasks in line with the objectives. With this in mind he should also develop projects which are in line with the IARU objectives.

The main tasks are identified below:

- The coordinator is the Point of Contact between the executive committee and the commission.
- The coordinator should keep in touch with the IARU-R1 youth coordinator.
- He will publish articles in Electron and on the VERON website on a regular basis
- He shall take steps to regain confidence from the group of amateurs who are still active with projects in the various regions in The Netherlands.
- It is his responsibility to set up a nation wide network with all the regional youth coordinators.
- It is his responsibility to work on the main objectives and to develop further plans to enhance the objectives.

The coordinator will be nominated as chairman of this commission.

The commission

This chapter discusses the organization of the new commission

Name

To enhance the working area of the new commission it is suggested to rename the commission. The name Youth and Youngsters committee will cover a wide target audience. Over time steps will be taken to ask formal permission to use this name from the General Assembly (Verenigings Raad).

Objectives

The objectives can be stated as follows:

- To regain confidence amongst those who are working with youngsters on a regional basis or country wide and the new committee.
- This commission is open for all youngsters between the age of 12 to 25 years.
- The commission should stimulate the interest in radio technology in the broadest form and to help them getting a license.
- So far the commission will not set a target for increasing the number of youngsters being a member of the VERON. Every new member is regarded as a step forward.

Tasks

In order to achieve the prime objectives the commission should set a number of tasks. Over the years these tasks may change or may be adapted according to the needs.

- The commission will organize country wide activities at a centrally located location. Cost for this activity should be as low as possible.
- The commission will get in contact with regional coordinators to support them in their activities.
- The commission will develop special packages for the target audience. Support will be requested of those amateurs who are already involved with working with youngsters. Special packages will be developed.
- Close cooperation will be developed with Scouting Nederland
- On a regular basis articles will be written for Electron (VERON magazine). From time to time publications will appear on the website.
- Cooperation will be developed with other VERON commissions such as the Foxhunting commission, PR commission, Traffic Bureau, etc.
- At IARU R1 level close cooperation will be developed the YOTA activity committee. Requests for other European activities will be evaluate on a case by case basis.

Examples of activities

A typical list of activities for this target audience is given below:

- VERON Pinksterkamp. (VERON activities at a campsite during Ascension day)

- Field day with group activities
- Foxhunting dedicated for this target group
- Yearly event called: “Dag van de RadioAmateur” by organizing a Youngsters Square. This is a yearly event organized by the VERON in which the VERON presents its committees.
- Special training camps on radio technology with the goals to get trained for the radio exam.

Members

Applications for being a member of this commission will be evaluated. The target audience should appeal. Serving the target audience should be the prime challenge. Members should have the feeling that the personal contribution serves the objectives of the commission.

The profile of a member should be in line with the following directives:

- Age: between 20 - 25 years
- Should feel happy to work with youngsters
- Have a feeling of what is going on in this target group
- Should have the attitude to work together with other group members
- Should be present at activities organized for this target audience
- Should initiate activities which stimulate the interest of the youngsters in radio technology
- Should be able to teach the principles of radio technology

Present organization

In this building up phase, Berend Kuiper, PD1BK, acts as coordinator for this commission. He can be contacted via e-mail PD1BK@VERON.NL

Remy Denker, PA3AGF, is the ad interim president of this commission. He can be contacted via e-mail PA3AGF@VERON.NL

The future

At this moment this commission is in the building-up phase. This means that projects have to be evaluated on a case by case basis as there are not enough members to work on every project. Parallel to this the commission has to build up its network among the youngsters in The Netherlands.

This document should be regarded as a starting document. The objectives as well as the number of projects will be fine-tuned.

March 2014