

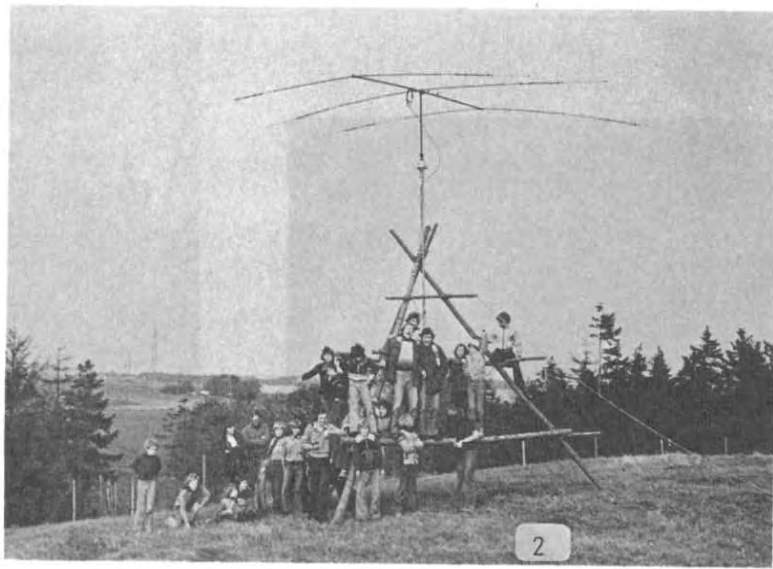
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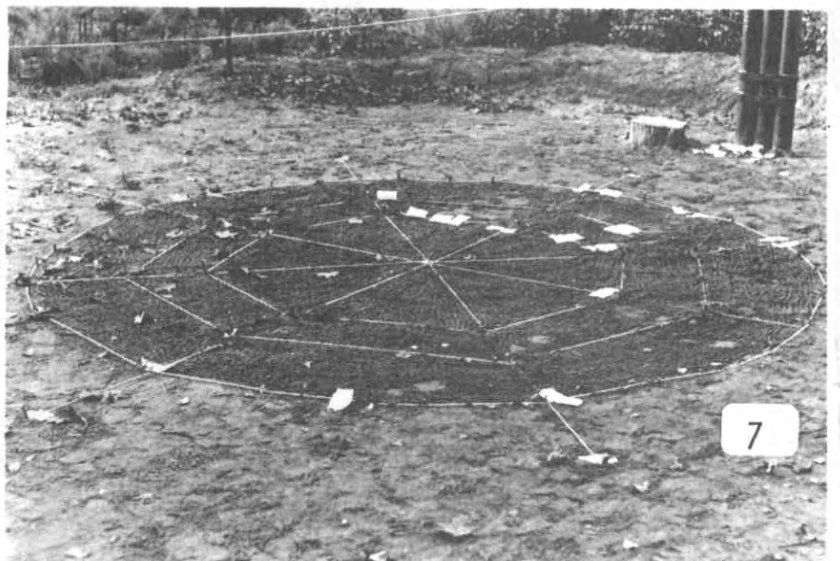
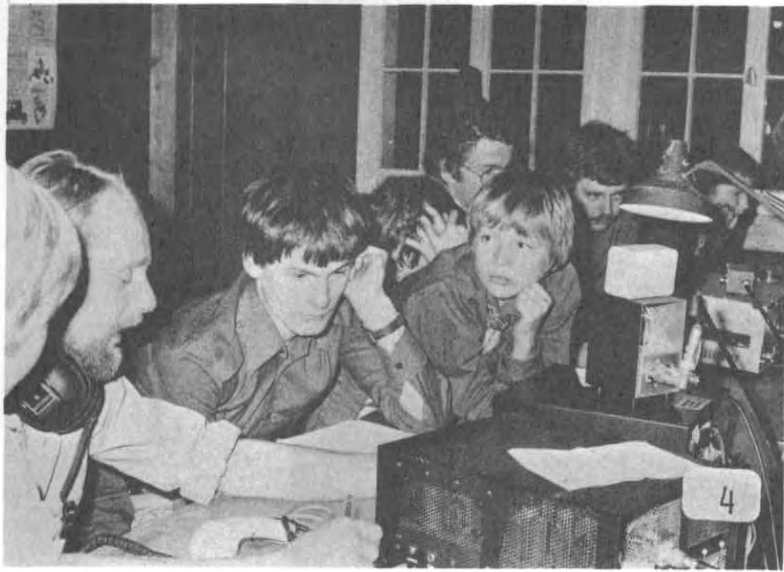


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Jamboree - on the ^{air} sur-les-
15-16 october 1977 octobre 15-16 **ondes**





REPORT OF THE
TWENTIETH JAMBOREE-ON-THE-AIR

RAPPORT DU
VINGTIEME JAMBOREE-SUR-LES-ONDES

1977

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20TH JAMBOREE-ON-THE-AIR

SUMMARY

"There is no doubt that the sun spot cycle has now taken an upward turn for the better and we can now look forward to four or five years of really good conditions".

This comment is taken from an appendix to Les Mitchell's report on UK activities. The appendix includes some very interesting graphs showing the sun spot cycle since 1968, the UK participation together with numbers of overseas contacts, and illustrates vividly that "... no matter how hard you try ... you just cannot beat poor conditions". It seems, however, that better things are in sight, not that conditions this year were too bad, at least in some areas of the world, judging from comments received.

According to reports - and not all countries participating have sent them - about half of the member countries of the World Scout Movement are known to have taken part - 57 countries to be precise. In addition to these, there were another 22 branches or prospective member countries, giving a total of 79 'radio' countries - still not enough for a JOTA DXCC certificate !

As to stations, well, it's anybody's guess. Numbers reported vary from 'over 1,000' in the U.S.A., through 380 in the U.K., 175 in Sweden, 170+ in Australia, 155 in Norway, etc., etc., down to 2 in Botswana and 1 each in Liechtenstein, Gibraltar, Ascension Island, Easter Island, St. Helena Island. About 6,000 would be about right. Scouts, Guides, Cubs, Brownies and Leaders ? Well, Norway reports over 3,500; Australia over 6,000; Botswana 60, while one station in Portugal had over 600 attend. Each of the 19 stations in Holland visited by the writer had between 30 and 80 present, so that, even if we are conservative and allow an average of only 30 Scouts, etc., per station, we can estimate that there must have been at least 200,000 Scouts, Guides, and their leaders, who were enabled, thanks to the cooperation of the radio amateurs, to experience the fun of JOTA and to learn something new about the fellow in the next village, the next country or the other side of the world.

Looking at past reports, it seems that each year we are able to report another 'First' in JOTA. This year is no exception, for we have the Corinda Park Rovers, in Queensland, setting up a station on the top of an otherwise inaccessible mountain and being lowered by cable from a helicopter.

For the first time since JOTA started in 1958, I myself left the World Bureau station to look after itself (actually it was in the good hands of the local radio club and Scouts from neighbouring France) and visited some 19 JOTA stations in Holland, accompanied by the National Organizer, Pieter Kramer. I was tremendously impressed with the enthusiasm of everybody I met, from the members of the Radio Scouting

2.

Committee to the individual Scout or Guide, and not forgetting the many amateur radio operators. I saw stations in the woods, on the outskirts of towns and on islands. Without exception, all were good - some were excellent - but they all showed strong evidence of pre-planning and I returned convinced that proper planning, to include a full range of activities for the boys, makes the difference between a good JOTA station and one that is not-so-good.

Included in this planning must be training - both for the boys and leaders and the amateur operators - so that everybody knows the purpose of JOTA and what is expected of them.

I hope that in the near future the Bureau, with the aid of the many experienced national organizers, can publish a booklet on 'How to Organize a JOTA station'. A start has already been made in the hope that it will be available before we celebrate our 21st birthday in October, 1978.

If Les and the other experts are right in their predictions, the sun-spots will be around in full force, so that it will be a 'bumper' year to celebrate our coming of age.

Don't forget the dates - October 21st, 22nd, 1978. We here have already started making plans for HB9S - have you ?

L. F. Jarrett,
World Organizer.

Radio Scoutisme en 1977

Comme d'habitude, le clou de l'année fut le Jamboree-sur-les-Ondes en octobre car nous estimons à environ 300.000 le nombre des garçons et filles qui ont participé au Jamboree de 6.000 stations dans 79 "pays radio" différents. Il est impossible d'être précis car il y a des pays qui ne font aucun rapport tandis que d'autres admettent franchement que leurs chiffres ne sont que des estimations. Mais les demandes de certificats de participation et les rapports que nous recevons effectivement donnent déjà une indication, tandis que presque tous les pays qui tiennent des statistiques enregistrent des augmentations. Plus important encore, à notre avis, est le fait que les rapports mentionnent continuellement que "toutes les personnes présentes se sont beaucoup amusées", ou "nous attendons avec impatience le 21e JSLO", ou "nous avons décidé de leur rendre visite l'année prochaine", sans compter les troupes isolées qui déclarent que la fraternité mondiale a pris une nouvelle signification pour elles. Il semble que, chaque année, un pays au moins indique que, pour la première fois, leurs garçons ont eu la permission de parler eux-mêmes et que "cela fait toute la différence". Le nombre des administrations qui insistent encore pour que seuls les opérateurs licenciés puissent parler est, nous sommes heureux de le dire, une minorité et nous espérons tous que bientôt, ce ne sera plus qu'un mauvais souvenir. Il nous paraît inconcevable qu'une administration puisse réellement croire que le fait de permettre à un garçon d'échanger des voeux avec des amis créerait des problèmes ou se solderait par une perte de gain. Pourquoi pas une politique de "porte ouverte" dans tout le monde ?

Le JSLO 1977 nous a apporté au moins une "première" (nous avons déjà des stations mobiles sur mer et dans l'air) car l'Australie est le premier pays (à notre connaissance) à installer une station JSLO et son équipe dans un hélicoptère. 1977 fut une année plus clémente pour nous en ce qui concerne les taches du soleil, nous offrant ainsi des conditions bien meilleures que les années précédentes. Elle nous a aussi apporté le premier cas enregistré d'un groupe scout remettant ses cartes QSL en mains propres - en dehors de son pays ! Presque partout, le JSLO a attiré l'attention de la presse, de la radio et de la télévision, ce qui était une bonne publicité pour le Mouvement scout. On a fait preuve d'ingéniosité un peu partout - dans la fabrication d'antennes, de cartes QSL et dans des activités telles que la chasse au renard, la construction, des concours de radio et des journaux.

Le radio scoutisme ne s'est d'ailleurs pas confiné au week-end du JSLO. Il y eut plusieurs camps spéciaux - nous relevons en particulier le programme important du Jamboree d'Asie-Pacifique en Nouvelle-Zélande, ainsi que des séminaires de formation pour organisateurs et scouts, des conférences JSLO et la création de nouveaux réseaux scouts.

Le radio scoutisme est maintenant devenu une véritable institution !

NEWS FROM COUNTRIES

ASCENSION ISLAND (ZD8)

The 1st Ascension Island Group, on ZD8JAM, had a very successful event, making contact with 51 JOTA stations in 18 countries. This year, they requested USA non-JOTA stations not to call them and as a result more than doubled their Scout contacts. (Note :Ascension Island is a rare radio contact and is in great demand by radio amateurs). The Scouts were delighted to talk to one of their previous Leaders, who was taking part from St. Helena Island with the local Scouts there.

AUSTRALIA (VK)

Because all reports had not been received, Noel Lynch could not provide his normal accurate statistics on participation and expresses concern lest some amateur operators did not, as a consequence, receive letters of appreciation from Scout H.Q.

One problem which Noel remarks on is that of the newly established Citizen Radio Service (CB). It was reported that some newly licenced Scouts, using the CB service for the first time, were causing interference to the amateur stations, and Noel feels that this problem may continue at least for the next few years, until the CB operators move up to VHF frequencies.

Noel is intrigued by the ingenuity displayed by various groups during JOTA. This year, one Group of Venture Scouts embarked on a raft on a lake near Wagga, and encountered great difficulty in keeping their fixed beam antenna pointing in the right direction during their contacts 'while the strong breeze drove their raft around the lake'.

Once again, through the kind permission of the Governor-General and Chief Scout, the H.Q. station was set up in the grounds of Government House, Canberra, and the opening ceremony took place from there, with all States checking in afterwards.

In Queensland, VK4AL, with the Corinda Park Rovers, was set up on the top of a normally inaccessible mountain, Mount Superbus, with the help of a helicopter from the Air Force, on a training exercise. Some fine photographs show the loading of the equipment and crew at the base and the lowering at the top of the mountain by winch.

Victoria suffered greatly from an electricity workers strike, which placed stringent restrictions on the use of radio sets, domestic and otherwise. The day before JOTA, notice was given by the authorities that sets could be operated for only two hours in the morning and a few hours in the evening. "Consequently,

Victoria went on the (JOTA) air in a rather confused state of mind." Despite this, the number of stations active was only four less than the previous year, (54 compared to 58 in 1976).

Western Australia commented on the increased number of 'combined' stations this year, as a result of proposals from amateurs beforehand for more sophisticated antenna systems. Hence an increase in the number of multi-op, multi antenna stations. While, therefore, the number of stations remains about the same, the number of Scouts and Guides taking part increased considerably. In common with all States, Western Australia received considerable publicity, largely because of a story written by an amateur who is, professionally, a journalist. This was later picked up by the local TV stations and newspapers.

Previously, the report from the Northern Territory (VK8), has been included with that from South Australia. This year, Noel feels that their effort deserves special mention. Four rigs were set up, each in a separate tent, at the Alawa Scout Hall, Casuarina, by the Darwin A.R.C. and the Darwin Scout and Guide Associations. Each tent was provided with posters showing operating times, Q. signals, etc., with, of course, all the necessary furniture. Refreshments were 'on tap' throughout! Everybody was well satisfied with the results achieved (142 Scout contacts) and with the good publicity on all sides.

The 1st Dampier Group of Perth wanted to take part, but couldn't find an amateur able to help them. Their leader found the solution. As a Port Quarantine Officer, he was able to get them on to a 150,000 ton iron ore carrier where they were able to use the ship's radio for an exciting and successful JOTA.

BOTSWANA (A2C)

Two stations operated from Mogoditsane (the National Training Centre) and over 60 scouts turned up to join in. Most contacts were in southern Africa, but 'the kids had a fine old time'.

The Training Centre is, at present, just a stretch of virgin bush which is just being developed, so camping is the order of the day. Power to the two stations was provided by a 1500 watt generator.

One of the operators, A2CRH, who is also H.Q. Commissioner, makes the following comment: "In certain parts of the world 2KW appears to be the order of the day which, together with beams, leads the offenders to a tendency to ignore the weak signals that we are able to put out. "... folks with rare calls like A2C usually have limited power available and the unnecessary use of high power robs both parties of the pleasure of a QSO. Still, it's an old chestnut..."

CYPRUS (5B4)

"This year JOTA really got off the ground in Cyprus".

5B4CSA operated from Larnaca and there were many contacts with the Scouts of other lands. One with India lasted over one hour. 5B4LSG (Limassol Scout Group) were 'happy to welcome girl guides to the station'. Three other stations were in action. "Two of the Senior scouts have joined CARS (Cyprus Amateur Radio Society) and are starting their studies for an amateur licence".

DENMARK (OZ)

Conditions, especially as compared with 1976, turned out to be extremely good for the 45 Danish stations taking part, and contacts were made with almost every part of the world.

OZ2ARD, was manned by Scouts from the Arreso District and they, together with 9 operators, kept the four stations and the RTTY and SSTV equipment nicely warm during the 30 hours they were operating. Mr. Lars Kolind, a member of the YMCA Scouts Executive Committee, formally opened JOTA from this station and was able to send greetings from Danish Scouts to King Carl XVI Gustaf, at the Swedish station SKØJAM.

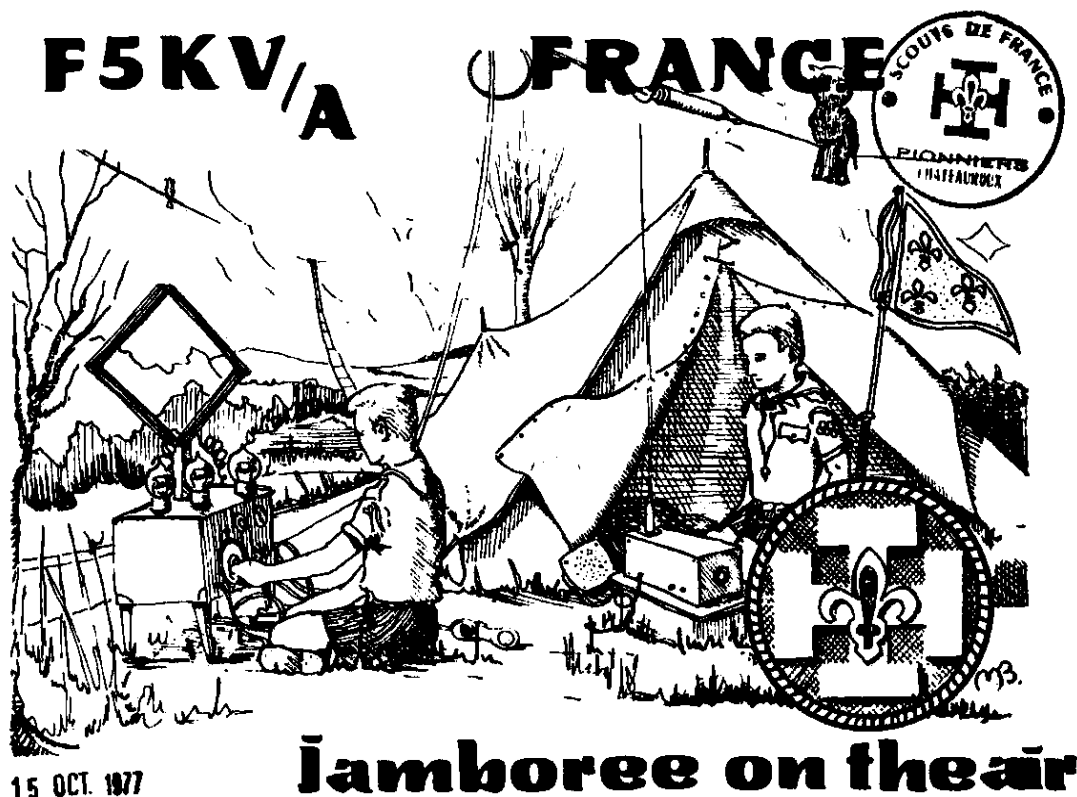
FRANCE (F)

We mentioned last year, how the licensing regulations in France differ from other countries, in that even a licensed amateur operator can, legally, only discuss technical matters and cannot, again legally, pass greetings in any shape or form. Unfortunately, the situation has not changed and, consequently, there has been no increase in the participation in that country.

Our good friend Dominique, F6EPY, who regularly joins in the European Scout Net, joined forces with the radio club of Chateauroux to put F5KV/A on the air, for some 50 members of the local Scout and Guide units, at the local Scout H.Q. It is interesting to note that one of the operators was a visitor from Senegal (6W8BA) - perhaps we'll hear him on in 1978 from his home QTH? There was a slight delay in establishing the station - no-one could find the coaxial cable! Once this problem was resolved, everything got going nicely, with contacts one after the other, to North and South America, Falkland Islands, Bermuda and South Africa. A particularly 'sympathetic' contact was with VE2BOJ, in Quebec, Canada, with whom they chatted until 2 a.m. Next day started auspiciously, with perfect chat with ZL3ACD and the Scouts of Timaru, in New Zealand, and continued with a SSTV contact with LA4LN in Normay (the third one!) Finland, Cyprus, Iran, Sweden and U.S.A. At the end of the day, the count showed that they had talked to some 40 Scout stations. Unanimous opinion of the Scouts - "A fantastic and exciting weekend".

FØAA was, for the 20th JOTA, the official station of the World Bureau. Located at Ferney-Voltaire, in France just across the

border from Geneva, the station was manned by operators from the CERN amateur radio club, with assistance from the Scouts & Guides of Ferney, and some of the staff of the World Bureau. F0AA is the French callsign of the International Amateur Radio Club, and, since at one time there were eleven different nationalities present, the station can truly be said to have been international.



Four transceivers were available, together with the Oscar Satellite Terminal recently presented to the Bureau by the COMSAT Corporation. Unfortunately, some trouble developed in the latter and could not be located in time for the terminal to be used during the weekend.

"Conditions were excellent throughout the weekend" and 104 Scout stations in 28 countries were worked. On the Sunday, the station was visited by the local authorities who showed great interest in the JOTA activity.

The World Bureau is greatly indebted to the members of the CERN amateur radio club for their willing cooperation.

GERMANY (DJ, DK, DL)

About 20 Germany stations were active. DKØPK (Pfadfinder Karlsruhe), was a typical one. It had 25 Scouts and Guides present, with 7 operators, and operated both on HF and VHF, as well as a listening station. Contact was made again with their 'link-group' at LXLJAB

in Luxembourg, with whom they have camped as well as corresponded for several years. In addition to many German and European Scout stations, they worked Scouts in Trinidad, Japan, South Africa, Canada and Israel, while they heard many more.

GIBRALTAR (ZB2)

Our old friends of the 1st/4th Scout Group were on the air again from station ZB2FFG, making about 14 Scout contacts in 7 European countries. This time the station was set up in the Group's new HQ - previously it had operated from the top of the Rock where results did not, apparently, justify the hard work involved. Many of the QSO's with British stations revolved around the Gibraltar Scouts' plans to participate in the Scout Band Contest in Yorkshire in 1978.

GUATEMALA (TG)

Salvador Jimenez Espana (TG9SE) writes to say that he has been National Coordinator since 1958 - a real JOTA old-timer !

7 stations took part; one, at the National H.Q., had two transmitters. This one had more than 100 participants. Unfortunately 'conditions in this part of the world were not so good' but the boys (and girls) were able to speak with Scouts and Guides in 8 different countries in Central and South America. Salvador says that early preparation helped to let everybody know what JOTA is all about; talks on amateur radio were given to leaders for several weeks prior to the event. These inspired one group to bake a big pie, with the inscription "Jamboree del Aire 1977" for station TG9RC !

HONG KONG (VS6)

Stations VS6AJ, operated with three transmitters from the H.Q. of the Girl Guides Association at Wongneichong Gap on Hong Kong Island. A 'large number' of Scouts, Guides, Cubs, Rangers, etc., were present and, although conditions generally were not good, they managed to talk with Scouts in Australia, New Zealand, Brunei, Indonesia and Sri Lanka. Unfortunately, their contact with a JOTA station on Easter Island was at a time when all Scouts were asleep ! However, the Hong Kong Scouts were more than compensated by a three hour contact with a New Zealand Station.

IRELAND (EI)

Paul Martin, National Organizer, reports himself as being rather disappointed with the results in Ireland this time. He puts this down to : a) a clash of dates with other Scout activity, b) delays in getting out the information in time, and c) not enough radio operators to go round !

As to b), we feel there was a good excuse - Paul was busy getting married ! Congratulations from your JOTA friends, Paul.

Radio conditions were average to good for the fifteen stations that were 'on the air'. A two metres net was in operation in the Dublin area, so that operators could let each other know where interesting Scout stations could be found.

EI2CBS had an excellent chat with a German Troop in Munich who had camped beside them at the Irish International Camp earlier in the year. EI3Z, too, met up with old friends, in a Swedish station, with whom they had been corresponding since JOTA 1976. EI9V reports hearing a number of Scout stations via the Oscar 7

satellite. EI1DD is a full time Scout station, operated by the 77th Dublin Venturer Scouts. They were delighted to hear Norwegian Scouts at LALPT, near Oslo, singing the Irish International Camp song. They managed to control themselves enough to join in the last verse'.

During August and the 'Jamborora 1977' International Camp, an exhibition station was established under the very special call of EI50. Manned entirely by Venturer Scout operators, it contacted seventy-three different countries, including many stations located at Scout camps. Undoubtedly, their full size rhombic antenna helped ! Other activities at the camp included Fox Hunting, using VHF equipment (over 800 Scouts took part), and a static display and workshop where Scouts could learn how to build and use simple gadgets such as Morse Code Buzzers. Over 15,000 people, including many dignitaries and Government Ministers, visited the station during its operation.

ITALY (I)

19 stations are known to have participated; 17 being on the mainland, and in Sicily and one in Sardinia. H.Q. station was I2ZCE/4, located at Vollanova di Castenaso, in the province of Bologna.

At I7XPV, the 1st Biscelglie Group were fascinated when a contact was made with WB4GKN, in West Virginia, U.S.A., and it was found that the



operator there spoke perfect Italian ("... uno scambio di notizie veramente vivo ed interessante".)

IT9FTT, at Noto in Sicily (a wellknown JOTA station) was 'on the air' again, and Scouts present had a moving experience when they renewed their Scout Promise during a QSO with a foreign station, each speaking his own language. The whole population of the city participated in Scout activities centred on JOTA that weekend.

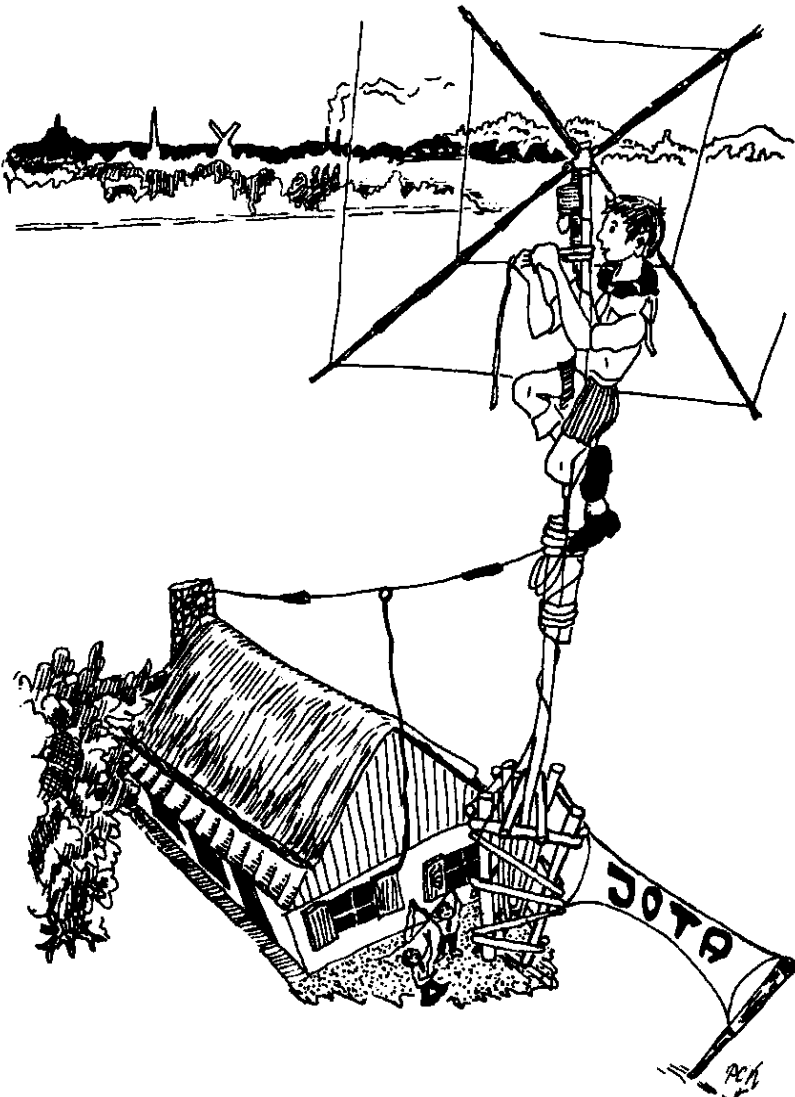
I3SCO "è stata una esperienza bella che ci ha data molta soddisfazione nel sentire la voce amica di tanti altri Scouts stranieri, ma sempre componenti di questa nostra grande famiglia che supera i confini nazionali".

LIECHTENSTEIN (HBØ)

One station was active from the capital, Vaduz.

MALAYSIA (9M2)

Over 400 Scouts and Guides participated in a special JOTA camp in Penang, at which station 9M2FK was in full swing throughout the week-end. Other activities included a campfire, cooking competition and campcraft, while a Gilwell Reunion was held on the Saturday evening. Scouts and Guides were encouraged to talk on the microphone and to sing to stations contacted. Some local Australians were able to speak with their friends 'down under'. Some 22 countries, spread all over the world, were contacted.



MALTA (9H)

Our friends of the Victoria Scout Group, on the island of Gozo, (9H4H) were once again on the air, working old friends from previous JOTAs and making many more new ones. Many Scouts made it a point of give their own names and addresses and "we hope that their friendships will last for a very long time to come". They had a pleasant surprise when a U.K. operator arrived after the Jamboree and presented his QSL card personally.

Now new records were set, but the group felt satisfied with both the result and the number of Scouts taking part.

MEXICO (XE)

About 20 Mexican stations took part this year, although only a few have sent in reports. Group No. 189, in Coacalco, included JOTA as part of the festivities commemorating its 1st anniversary, and were thrilled to have proof through XE1KO that they belonged to a world-wide movement. The boys were "entusiasmados para participar en el proximo Jamboree del Aire". XE1AFU, in Naucalpan, had some good Scout contacts with U.S.A., Venezuela, Peru, Argentina, Guatemala, and many parts of Mexico.

XE2C, in Zacatecas, has taken part for the last four years, but this year they made some 'contacts reales' thanks to the greatly improved conditions.

NETHERLANDS (PA)

Dutch JOTA stations could easily be identified this year, for the authorities instructed them to use the calls "stroke Jamboree" (/J) 90 stations were in operation, an increase of 16 since 1976. PA6RSN (Radio Scouts Netherlands) officially opened JOTA at 00.01 GMT on the Saturday morning, and carried on making contacts on both HF and VHF for the next 48 hours, and transmitting the clues for the 'Dutch Puzzle Game', which, as in the past two years, proved extremely successful.

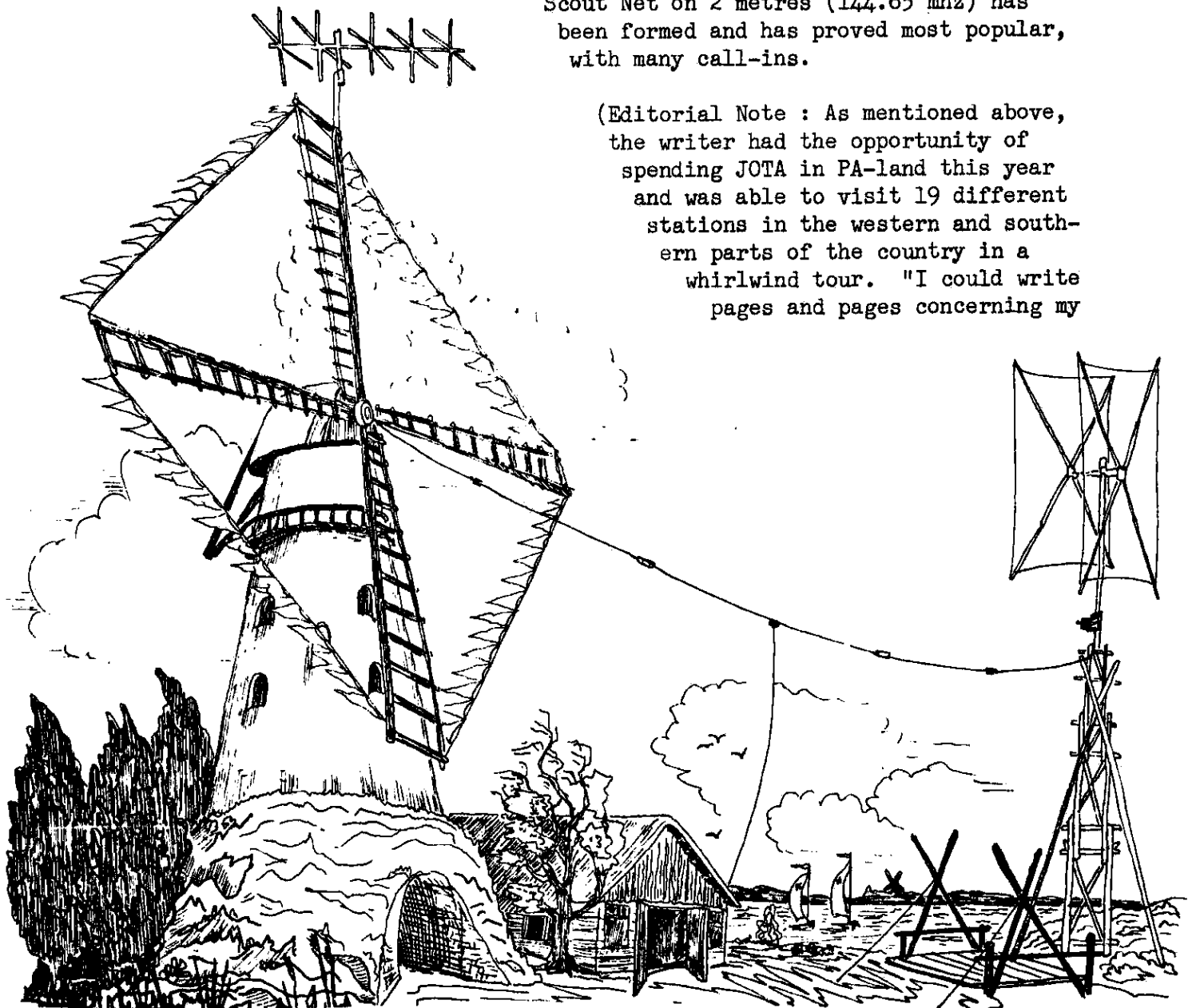
Another special feature of JOTA in Holland is the mobile operation by members of the Radio Scouting Committee who, each in a car equipped with 2 metre transceivers, visit a number of the operating stations. This year, there were, in addition to PAØAD/m, with the National Organizer and the writer, no less than thirteen other 'mobiles' circulating, each in its own region. As the writer can testify, it is quite exciting for all concerned, to follow the progress of the 'mobiles' on the map and, eventually, to hear one 'talked into' one's own station. I am quite sure that, without radio, our own mobile operator, Philippe Huise, PAØAD, and driver, Pieter, could never have found some of the stations we visited.

As in a number of other countries, JOTA is the highpoint of the Radio

Scouting year, but there were several other activities also in Holland. PA6RSN was active at 'Scout-In '77' - the greatest Scouting weekend of the year, with 8,000 in camp at Ommen. The station had many visitors, not the least of whom was Lord Baden-Powell, grandson of the Founder.

In May, fifty Scouters and hams held the 3rd National Radio Scouting Conference and made plans for the future. A weekly Scout Net on 2 metres (144.65 mhz) has been formed and has proved most popular, with many call-ins.

(Editorial Note : As mentioned above, the writer had the opportunity of spending JOTA in PA-land this year and was able to visit 19 different stations in the western and southern parts of the country in a whirlwind tour. "I could write pages and pages concerning my



never-to-be-forgotten experiences, but space does not permit. It was a impressive demonstration of how JOTA was meant to function and the success is, I am convinced, due entirely to the enthusiasm and hard work of Pieter and his colleagues, and, most important, perhaps, the planning which had obviously been done beforehand by all stations. Things that stand out in my memory - antenna ingenuity - support

from all involved - friendliness - coffee - Dutch soup ! Thank you, Radio Scouts of the Netherlands").

NEW ZEALAND (ZL) (See also "Stop Press").

Preparation for the 3rd Asia-Pacific Jamboree has prevented Jim Parnell from sending his report on JOTA, but we do know that, as usual, there were between 70 and 100 Scout stations operating, for contact with them has been reported from all over the world. Jim says that he estimates around 4,000 Scouts and Leaders took part.

The delay in reporting is understandable, for the Asia-Pacific Jamboree was held from 4th - 11th January, 1978, in Oamaru, New Zealand, and included what appears to be a "Mini Nordjamb" radio exhibit. The station itself (ZL4APJ) was well equipped with antennas - 2 V-beams on 20 metres, each of 6 wavelengths long, and 1 on 80 metres of 3 wavelengths. Radio constructions tents, fox-hunting, slide show and JOTA Conference were also featured. In addition to a small-scale foxhunt, as was held at Nordjamb, Jamboree participants had the opportunity of trying a full-scale one, with 4 transmitters to find. We'll await Jim's further news with interest.

(Note : Although we know that ZL4APJ did work several Swiss stations - and presumably others in Europe - neither HB9JJ nor HB9S made contact, although we were both listening for the whole period).

NIGERIA (5N)

Twelve stations were in action, two at the National Scout H.Q. in Lagos, and one at each State H.Q. Official opening was by the Assistant Chief Commissioner at Lagos, and 272 Scouts & Guides were present.

NORWAY (LA)

While JOTA is not the only Radio Scouting event in Norway, it is by far the largest, as Tom Victor Segalstad (LA4LN), Chairman of the Radio Scouting Committee, says himself in his annual report. In 1977, over 3,500 Norwegian Scouts took part in the 20th JOTA from 155 stations spread throughout the length and breadth of the country. Three H.Q. stations were on - LA1JAM, for the Scouts, LA2JAM, for the Girl Guides, and LA3JAM for the YMCA Guides.

LA1JAM, in Oslo, enjoyed several contacts on SSTV, with the 30 Scouts present competing in making funny drawings for transmission to HB9AAI, F5KV and LA100. Many old friends were encountered, with the most interesting contacts being with Japan, Rhodesia, S.W. Africa, Ascension Island and Liechtenstein.

LA2FR had trouble getting his Scouts to go to bed - they "just had to work the new one". LA4C, at Karmoy Island, arranged canoes for the

25 Akra Scouts present, as a break from JOTA. LA3DV and LA7LU, both with the 1st Krogstadelva Scouts, were delighted to make contact with their friendship group in Denmark. LA8SU, with 60 Scouts and Guides from Porsgrunn, reports that the girls were less mike-conscious than the boys! LA2NV is the call of the 2nd Hamar Group and this was the first JOTA at which it was used and also the first with their own transceiver. Their QSL card is actually a small booklet telling about the troops's radio scouting activities. Their H.Q. is a small farm in the forest (named Nedre Vollen) and when they first erected their large directional antenna, the local newspaper wrote a story about the 'spy transmitter hidden in the forest'.

LA7LH made contact with a mobile station in Greenland, but the boys forgot to ask - "How many dogs were on the sleigh? How did he mount his antenna on the sleigh?" Girls at LA2CV in Oslo, drew and produced all their own QSL cards.

But the Norwegian Radio Scouting is active throughout the year, and now has its supply of equipment in circulation all over Norway. A Radio Scouting Instructors course was held near Oslo in April, while 5 delegates were sent to Sweden for the Nordic Seminar on Radio Scouting during October. LA1SS was kept busy at the national Jamboree held in Northern Norway during the summer, while LA50Q was one of the operators at TF2SS, the Icelandic National Jamboree. During the annual meeting of the Norwegian Scouts (the 'Parliament') the Prime Minister, who opened it, was able to send greetings to his home town through two Scout stations.

PHILIPPINES (DU)

17 stations, covering the whole country, took part, with the BSP's permanent station DU11BSP taking the lead. At the National Radio School, NRSTI was in action, and in addition ran simultaneous lectures on amateur radio theory and practise for the 69 Scouts and 12 Girl Scouts who, together with 9 adult leaders, participated. This year, more emphasis was given to early briefing, with training and 'dry runs' conducted the previous weekend, while printed information sheets were given out by many stations.

Scouts in some nine different countries were "worked".

PORTUGAL (CT)

Justino's report says (very casually!) that 159 stations (many with special callsigns) were in operation. According to our calculations, this is a 60% increase over the previous year - something to be proud of! About 250 Groups from the two Scout Associations and the Girl Guides participated. Over 100 Scouts 'had worked hard ... to get their operator's card' and Justino's new publication "Para ser Escuteiro Radioamador" helped tremendously. Hearty congratulations to Justino and to his willing colleagues!

146 stations operated on the mainland. CT1EGP, at a camp near Oporto "surpassed its own record, drawing about 600 scouts and guides during the 48 hours of operation". CT1REL, in Lisbon, was operated by a new Boy-Scout ham (CT4HA). There was excellent coverage of JOTA by several radio and TV stations - one TV station had 4 special programmes, two of them aimed at young people. The Post Office again gave its collaboration by issuing two special postmarks (in Oporto and in Loulé).

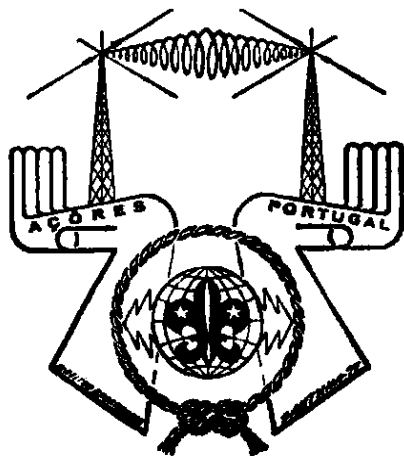
In the Azores, CT2JAM did a good job, with press, radio and TV coverage. Here too, there was a special postmark issued by the Post Office.

On Madeira, CT3AEP and CT3CNE were very active, also with full support from the press and authorities.

Justino, as we have come to expect from him, backs up his report with a very complete dossier containing press clipping, photographs, QSL cards, and postmarks, as well as copies of the various circulars issued beforehand to both Scouts and hams. A truly impressive organization which, as is shown above, produces results !

To close, we quote from a report received by Justino from one of his participating Groups :

"The Jamboree-on-the-Air is one of the more wonderful activities Scouting affords us, because it not only allows an exchange of ideas, initiatives and problems with Boy Scouts in every country, but keeps us together...". "(It) is a ... positive activity, whenever we live it with spirit, away from every feeling of contest and emulation which only disfigures the real image of what JOTA means".



ANGRA DO HEROÍSMO



XX JAMBOREE NO AR

RHODESIA (ZE)

For the first time ever, permission was given by the Post and Telecommunications authorities for Scouts to speak on the air, and undoubtedly this contributed greatly to the success of the event and the interest of the boys. A station was active in each of the four provinces and, between them, they contacted just under 100 JOTA stations in 15 countries. Next year, they are 'determined to get their century'.

An interesting suggestion is made by Mike Hodgson, the National Organizer. He 'wonders if the time has not come for the Boy Scout movement throughout the world to put on their 'thinking caps' and come up with a project of service ... to the hams who make JOTA possible each year'. Any ideas ?

RWANDA (9X)

It was a pleasure to welcome a station from this country for the first time (Rwanda became an independent member of the World Organization in 1975). The St. Charles Group of Butare participated and made contact with, among other countries, Luxembourg and Brasil, enjoying the experience so much that they 'are already looking forward to the 21st JOTA'.

SOUTH AFRICA (ZS)

Alan Ritchie says that 67 stations 'reported in' and that these provided JOTA experiences for 118 Scout units. "Troops participating for the first time are invariably bursting with enthusiasm and wondering why on earth they did not join in before". Alan makes some very pertinent remarks on the need for Divisional (Provincial, County) Organizers and suggest that they are best drawn from the ranks of Hams or parents who have no other job in the Movement. He ends his report with some unsolicited comments extracted from letters :

1st Maidstone Group (Natal) : "This was our first JOTA and we all enjoyed this weekend ... so much that we are planning and talking about next year's JOTA".

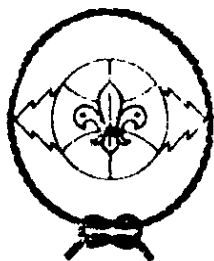
1st Stanger Group (Natal) : "As this was the second year we have participated it was nice to hear the Groups we spoke to last year".

SRI LANKA (4S7)

Six stations were in operation, with an average attendance of 60 Scouts, Guides and leaders at each stations - a most creditable record. The list of Scout countries contacted is most impressive while, as National Organizer R.S.L. Sumanasekera reports, there was a lot of action between stations in Sinhalese.

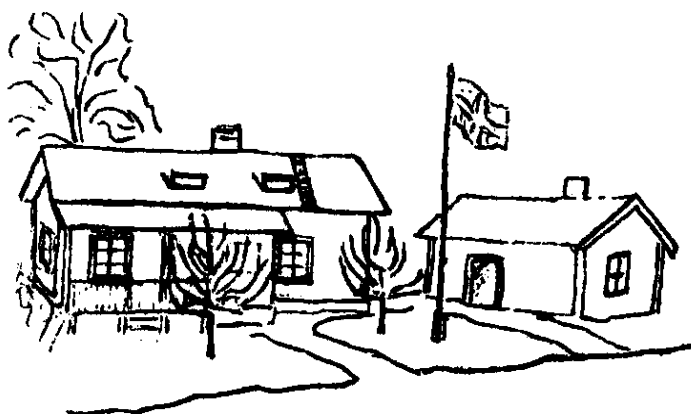
SWEDEN (SM, SK, SL)

175 Swedish stations were active for the whole 48 hours, with SKØJAM, SK6SS and SK7SS acting as information centres.



SKØXAA

KALL HÄLL



IT49C

To celebrate 20 years of JOTA, the Swedish King Carl XVI Gustaf officially opened the event at a ceremony held at the Mälardjerdens Scout H.Q. in Stockholm, from SKØJAM. The King came as a Scout, which means that there was little or no ceremony and he was accompanied only by an A.D.C. Greetings were sent to the King from a 13 year old Scout in Norway and a Scout leader in Denmark, after which the King gave individual greetings to Swedish stations who had participated in JOTA for more than 10 years. 76 Swedish stations called in after the formal opening, after which the King spoke, as a Scout, over the 20 metre station, to overseas stations. "The most funny QSO was with a British Scout Group, who, on learning that they were talking to the King, 'were so excited that they were climbing the wall!'. Many stations had additional activities for the boys, including hikes, cinema, knot contests, etc., while coffee and information was provided for parents. About 75 newspapers had articles, while many local radio stations had programmes on JOTA. A CW party was held on the 80 metre band, at very slow speeds so that beginners could also take part.

Finally, Birger Fahlby, the National Organizer, says that Radio Scouting now has an official status in the Svenska Scoutförbundet, with its own budget (other Associations to note !)

SWITZERLAND (HB9)

Among the list of 30 Swiss stations, it is particularly interesting to see that three were equipped for RTTY and three for SSTV in addition to the more normal modes.

HB9AOF made 50 JOTA contacts in some 20 countries, and says: "on a surtout cherché à établir des liaisons vraiment 'Jamboree' et l'on a parfois réalisé des QSO de vingt minutes à une heure; ainsi des projets de camp à l'étranger pour 1978 ont pris forme ce jour-là avec des amis rencontrés grâce au JOTA."

Among the most interesting contacts noted is one very good one with the Scouts on Ascension Island, on station ZD8JAM.

HB9JJ (Jamboree-Jamboree) is, or will be, the permanent station of 'SARUS' - the Scout Amateur Radio Union of Switzerland. From 10th to 16th October, HB9JJ was established at a special camp located at Ballenbühl, near Berne, 854 metres above sea level. During the preceding week, instruction on operating, technology and basic electronics was given, while there was also a night exercise and camp fires' so that the Scout side of things was not neglected'. During JOTA, 30 Scouts and 6 operators operated a shift system so that the various pieces of equipment, including RTTY, were kept busy. 113 scout stations in 31 countries were contacted over the weekend. During both the preceding week and JOTA itself the Scouts had foxhunting equipment to keep them moving around. Unanimous verdict at the end - "A complete success".

Editorial Note : The World Bureau subscribes to a press clipping service. During the week following the 20th JOTA we were inundated with clippings from newspapers all over Switzerland. Scouting really made the news, thanks to the hard work of Yves, HB9AOF, the National Organizer, assisted by Harry Ammann, HB9EHM.

UNITED ARAB EMIRATES

Amateur radio is not permitted in this country. Nevertheless, a British Scout Leader now stationed there, set up a receiver and, with a 6 foot whip antenna, heard JOTA stations operating from Eire, the Azores, Uruguay, Brasil, U.S.A., Israel and South Africa, as well as many in the U.K.

UNITED KINGDOM (G)

"After so many years of commencing these annual reports with complaints concerning the poor radio conditions, how refreshing it is to say that this year they were fine".

This is how Les Mitchell starts his report on the 20th JOTA, which, as usual, is full of 'pearls of wisdom' and useful statistics. For

example, he attached a page of graphs showing how participation in the U.K., and contacts with various areas of the world, varied over the last ten years according to the annual sun spot numbers. Like sales graphs, it is a relief to see the line take a marked upward swing, starting two years ago. If the current sunspot cycle goes according to form, we can expect this to continue, and the 21st JOTA in 1978 promises to be a truly memorable event.

Although Les says that, because there were no special GB callsigns again this year, the figures are rather misleading, he reports that 394 UK stations were active against 331 in 1977. Between them, they contacted 485 (1976 -261) JOTA stations in 56 (46) countries. Conditions in Europe were exceptionally good, while both the 10 and 15 meter bands opened up for long periods, which permitted many more overseas contacts. Even the VHF boys were satisfied, for they made many contacts around Europe as well as in Great Britain. "In fact, this year there were very few grumbles from anyone..." the main one being that UK Scouts were not allowed to speak over the microphone when so many other countries permitted it.

A feature of Les' reports is always the ShortWave listeners; several of these sent in detailed and most useful reports. One in particular, lists Scout stations in several unusual places and thus gives us the only news we have of activity there. Another - the 1st Broughton Group in Deeside - had a listening station which was 'born out of disaster,' when the planned transmitting station did not materialize. This gave the Scouts more opportunity of running the station themselves and thus taking a large share in its success.

Perhaps the most unusual news came from G5MW/A and G3YAK/A in Kent. During the contact with ON4CP/A, in Belgium, they were asked for directions to their H.Q., which were duly given, together with a telephone number, although the Kent Scouts thought the whole thing was rather peculiar! At 9.30 Saturday night, a car arrived complete with a driver, 2 Belgian Scouts and 2 Belgium Guides! Everybody sat around talking until 2.30 a.m. on Sunday, when the visitors left to return via Hovercraft to Belgium. Later, their safe arrival was duly notified by radio!

The operator at G4RS, the H.Q. station of the Royal Signals A.R.S. in Dorset, put on an impressive display for the 1st Ferndown Seonee Cub Scouts, speaking to Scouts in 10 different countries and then concluding by letting them listen to an address to JOTA participants given by the Governor-General of Papua New Guinea.

From Southend-on-Sea, the Druid Scouts operated VHF only from G8MRP and, rather surprizingly, included 7 Dutch stations in their 'bag' over the weekend. Obviously, they had read Les' report of 1976, for they made a special effort to find out the history behind the names of some of the Dutch Groups.

Les, himself, after spending years operating some of the larger and well equipped stations, visited G4DPP/A, "Here was JOTA at its best - just one transceiver and a rather nondescript aerial held up in the

air by masts consisting of short poles lashed together - real Scout pioneering ! The most impressive thing was the enthusiasm shown by the operators and the Scouts themselves". At G3BZU, Hampshire Country Scouts enjoyed the hospitality of the Royal Naval Amateur Radio Society, which arranged, in addition to contact with some 14 different countries, other activities to keep everybody busy - soldering exercises, films, talks, etc., together with swimming and other sports.

G3CRO/A, Soutgate, ... "had a 40 minute contact with K1U1L - Cub Pack 2, near Boston. The Den Mother and all the Cubs spoke to us over the microphone. What a pity we could not do the same !"

From G4BP/A - Scarborough. "The world seemed a very small place when a voice from Finland spoke of 4 inches of snow, when a Japanese station was closing for the night just as ours was opening, and an operator in Alabama was about to depart for morning church as we were thinking of tea".

G3YGG/A, Epsom, operated from their H.Q. next to the church. "Radio silence was imposed for one hour, while a wedding was in progress, as our transmissions came through on the organ !"

In Northern Ireland, 9 stations were active. 1st Greenisland managed to 'blow up' a Swan transceiver, a 2 metre linear and a HF linear - good going for one weekend ! Ardnally Venture Scouts, with GI4FUM, have a H.Q. on top of a hill, 100' above sea level. They built a tower, topped by a Scout rotated beam. RTTY was planned, but 'gremlins struck after about two hours operation' ! Contact was made with Scouts in 23 countries.

The Isle of Man was represented for the first time, with station GD3FLH.

U.S.A. (K,W)

Harry Harchar, National Organizer, reports :

"As always, it is difficult to give accurate figures about numbers of participants. However, a review of requests for participation cards and QSL cards from K2BSA, indicates the biggest turnout ever. Over 5,000, 20th Jamboree-on-the-Air cards were mailed to radio hams, short wave listeners, and Scout unit leaders who had their units visiting amateurs. They represented all 50 of the United States, Puerto Rico, the Virgin Islands and many DX countries."

"Reports indicated that there was activity on all ham bands, 160 through 2 meters including SSTV, RTTY, Oscar 7, and 2 meter repeater."

"Many reports came from users of the USA Citizens' band."

"If one were able to calculate the number of participants on both ends of the many contacts, many of which were unreported, and to include the many Cub Scouts, Scouts, Explorers and Scouters who

talked to the USA, the figures would be almost astronomical, a testament to the interest in Scouting radio activity, especially JOTA."

"Publicity in many radio and Scouting publications helped to get out the word. Among them were : QST, CQ, Ham Radio, 73, Radio World, several DX bulletins and many daily newspapers, not to forget Boys' Life, Scouting magazine, Exploring magazine and our in-house publication Professionally Speaking."

"A big first was the surprising interest by CBers mentioned earlier. Using the old ham radio 11 meter band, Citizen Band is a personal communications opportunity that has opened up a whole new world to many potential Scout radio amateurs. Using 4 watts maximum, the medium finds use in many Scouting applications. Users are licensed without test and find many opportunities to be of service."

"The other big activity in 1977, was the BSA national Jamboree. K2BSA/3 was on the air for several hundred contacts. But the big innovation at the Jamboree was a FOX HUNT, using citizens' band rigs to give instructions to participants in an orienteering exercise as they followed legs of a typical orienteering compass course."

"It was a big radio year for the BSA, and JOTA 1978, should be bigger."

* * * * *

STOP PRESSNEW ZEALAND

Jim reports that participation was about 20% up over the previous year "probably due to the snowballing effect of previous JOTA successes". "A greater proportion of (special) camps and District stations were set up ... than has been the case previously". "In some ways this is a good trend ... (but) it has the adverse effect of limiting the time each Scout may have at the microphone ...".

"For the first time in N.Z., members of the Guide movement were officially allowed to join in with the Scouts on JOTA. Permission was not obtained until just before the event, and so they participated to only a limited extent".

Included in the report Jim received was one from YJ&JH in Santos, New Hebrides, complete with a tape recording of a contact in Pidgin English! Cook Islands was again active, with the Nikao Troop in camp at Aroa in Rarotonga. "JOTA means a lot to Scouts on these small islands - for them it can introduce a new dimension into their Scouting".

20th Jamboree-on-the-air

scout stations operated from :

ARGENTINA	INDIA	PORTUGAL :	:
ASCENSION ISLAND	INDONESIA	(AZORES)	:
AUSTRALIA	IRELAND	(MADEIRA)	:
AUSTRIA	ISRAEL	RWANDA	:
BELGIUM	ITALY :	RHODESIA	:
BOTSWANA	(SICILY)	ST. HELENA	:
BRASIL	JAPAN	EL SALVADOR	:
BRUNEI	KENYA	SINGAPORE	:
CANADA	LIECHTENSTEIN	SOUTH AFRICA :	:
COLOMBIA	LUXEMBOURG	(S.W. AFRICA)	:
COSTA RICA	MALAYSIA	(TRANSKEI)	:
CYPRUS	MALTA	SPAIN	:
DENMARK :	MEXICO	SRI LANKA	:
(FAEROE ISLANDS)	MONACO	SWEDEN	:
DOMINICAN REPUBLIC	NEPAL	SWITZERLAND	:
EASTER ISLAND	NETHERLANDS	TRINIDAD	:
ECUADOR	NEW ZEALAND :	UNITED ARAB EMIRATES	:
FIJI	(COOK ISLANDS)	UNITED KINGDOM :	:
FINLAND	(NEW HEBRIDES)	(ENGLAND)	:
FRANCE	NIGERIA	(SCOTLAND)	:
GERMANY	NORWAY	(WALES)	:
GIBRALTAR	PAKISTAN	(NORTHERN ISLAND)	:
GREECE	PANAMA REPUBLIC	(ISLE OF MAN)	:
GUATEMALA	PAPUA NEW GUINEA	U.S.A. :	:
HONDURAS	PARAGUAY	(PUERTO RICO)	:
HONG KONG	PERU	(VIRGIN ISLANDS)	:
ICELAND	PHILIPPINES	(GUAM)	:
:		URUGUAY	:
:		VENEZUELA	:
:			:

J A M B O R E E - O N - T H E - A I R O R G A N I Z E R S

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20th Jamboree-on-the-air
PHOTOGRAPHS

1. H.M. Carl XVI Gustaf opens JOTA in Sweden, from SKØJAM.
1. *S.M. Charles XVI Gustave ouvre le JSLO en Suède, de SKØJAM.*
2. A rotary beam on a Danish Mountain, 29 meters above the sea-OZ2IG.
2. *Antenne rotative sur une montagne danoise, 29 m. d'altitude-OZ2IG.*
3. An Australian Rover being lowered by helicopter on the top of Mt. Superbus.
3. *Routier australien amené par hélicoptère au sommet du Mont Superbus.*
4. Scouts at DKØFR (Germany) listen intently.
4. *Quelle écoute attentive chez les scouts de DKØFR (Allemagne)!.*
5. "Rocket" tower at PAØPM/J (Netherlands).
5. *"Tour de lancement de fusée" à PAØPM/J (Pays-Bas).*
6. LA1DP (Norway).
6. *LA1DP (Norvège).*
7. The 'Red Flam' Eindhoven (Netherlands) Scouts plotted their contacts outside.
7. *Les Scouts "Flamme rouge" d'Eindhoven (Pays-Bas) ont tracé leurs contacts à l'extérieur.*
8. HB9AMS takes a hand on PAØBEC/J (Netherlands).
8. *HB9AMS opère sur PAØBEC/J (Pays-Bas).*
9. Scouts on HB9AOF 'watching the birdie' on SSTV.
9. *Les Scouts de HB9AOF "regardent le petit oiseau" sur SSTV.*
10. F5KV/A (France) - putting the antenna together.
10. *F5KV/A (France) - assemblage de l'antenne.*
11. FØAA (France) - in action.
11. *FØAA (France) - en pleine action.*
12. The ladies have a word in Hong Kong.
12. *A Hong Kong, les dames ont la parole.*
13. TG9DV (Guatemala) - Akela speaks.
13. *TG9DV (Guatemala) - Akela parle.*
14. DU1MSR (Philippines).
14. *DU1MSR (Philippines).*
15. A song from 9M2FK (Malaysia).
15. *Place à la musique ! 9M2FK (Malaisie).*
16. CT1REL (Portugal) ... and my name is ...
16. *CT1REL (Portugal) ... et je m'appelle ...*
17. A serious moment at ZB2FFG (Gibraltar).
17. *Moment critique à ZB2FFG (Gibraltar).*
18. 5B4CSA (Cyprus).
18. *5B4CSA (Chypre).*
19. I5ZMH (Italy) camped out.
19. *I5ZMH (Italie) installé sous tente.*

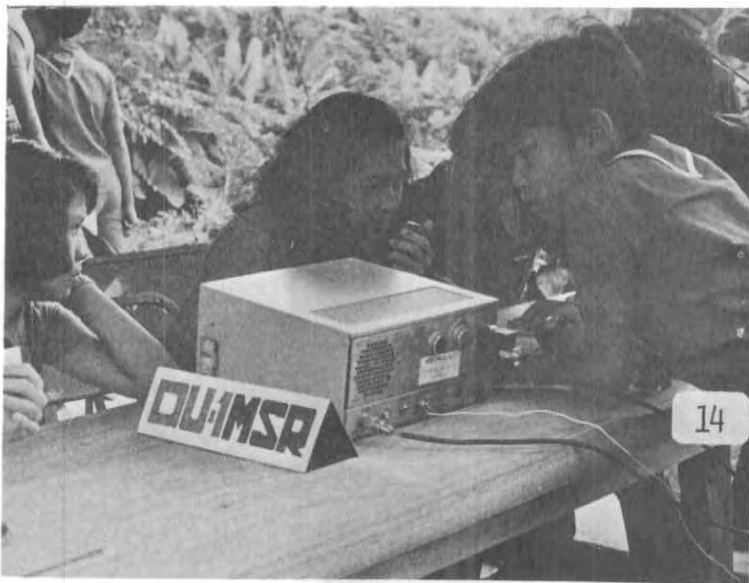
20. Foxhunting at HB9JJ (Switzerland).
20. *Chasse au renard à HB9JJ (Suisse).*
21. The Scouts and Guides of Porto (Portugal) turned out in full force at CT1EGP.
21. *Les Scouts et Guides de Porto (Portugal) sont venus en force à CT1EGP.*
22. Scouts at GI4FUM (Northern Ireland) provided both the tower and the rotator.
22. *Les Scouts de GI4FUM (Irlande du Nord) ont fourni et la tour et le rotateur.*
23. Time for a joke at OZ2IG (Denmark).
23. *C'est le moment de plaisanter à OZ2IG (Danemark).*

The sketches on pages 9, 10 and 12 are
by Pieter Kramer, National Organizer
for the Netherlands.

*Les dessins des pages 9, 10 et 12 ont été faits
par Pieter Kramer, Organisateur National
des Pays-Bas.*

Jamboree-on-the-Air Report - 1310 (2:78:7.5) SwFr.5.- (US\$2,50)
Jamboree-sur-Les-Ondes. Rapport - 1310, Fr.s. 5.- (US\$2,50).











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