

**SUMMARY RECORD  
ADMINISTRATIVE COUNCIL OF THE  
INTERNATIONAL AMATEUR RADIO UNION**

Meeting in Curacao, Netherlands Antilles  
5 - 6 September 1992

1) The twelfth meeting of the Administrative Council of the International Amateur Radio Union convened at 1338 local time Saturday, 5 September 1992 at the Holiday Beach Hotel, Curacao, Netherlands Antilles, with President Richard L. Baldwin, W1RU, in the Chair. Also present were the following members: Michael Owen, VK3KI, Vice President; Larry E. Price, W4RA, Secretary; Louis van de Nadort, PA0LOU, Chairman, and Wojciech Nietyksza, SP5FM, Vice Chairman, IARU Region 1; Alberto Shaio, HK3DEU, President, and Thomas B. J. Atkins, VE3CDM, Secretary, IARU Region 2; and Fred Johnson, ZL2AMJ, and David A. Wardlaw, VK3ADW, Directors, IARU Region 3. There was also present, at the invitation of the Administrative Council, American Radio Relay League Executive Vice President David Sumner, K1ZZ, for the International Secretariat.

2) The Chair noted that no introductions were necessary. A moment of silence was observed for Mr. Alan Taylor, G3DME, past IARU Beacon Project Coordinator, who had passed away since the previous meeting.

3) The following agenda for the meeting was adopted:

Agenda

1. Opening of Meeting
2. Introductions
3. Consideration of Agenda of the Meeting
4. Reports of the Officers
  - 4.1. Report of President Baldwin
  - 4.2. Report of Vice President Owen
  - 4.3. Report of Secretary Price
5. Reports of the Regional Representatives
  - 5.1. Region 3
  - 5.2. Region 2
  - 5.3. Region 1
6. Review of WARC-92
  - 6.1. Review of Performance - Mr. Baldwin
  - 6.2. Review of Expenses - Mr. Sumner
7. Consideration of the Report of the IARU Beacon Project Coordinator
8. Report of the Ad Hoc Committee on HLC - Mr. Owen
9. IARU participation in the work of the CCIR
10. Consideration of the Report of the IARU Monitoring Service Coordinator

11. Consideration of the Report of the International Coordinator for CISPR
12. Satellite Matters
  - 12.1. Consideration of the Report of the Coordinator
  - 12.2. Discussion of Terms of Reference of the Coordinator
  - 12.3. Discussion of Kitsat
13. Matters relating to Amateur Radio operation
  - 13.1. Morse code examination requirement for operation below 30 MHz
14. Report on Amateur Radio Administration courses - Mr. Baldwin
15. Review of pending items from previous meetings
  - 15.1. Review of Administrative Council resolutions
16. Budget for 1993
17. Determination of dates and place of next meeting
18. Adjournment

#### 4) Reports of the Officers

4.1) Report of President Baldwin. Mr. Baldwin noted that his circular letters to the Administrative Council constituted his written report. At the agenda item dealing with the Amateur Radio Administration course, he would elaborate on that aspect of his activity.

4.2) Report of Vice President Owen. Mr. Owen reported that he had been studying the implications of ITU restructuring, and would be reporting in depth on this topic at the appropriate point in the meeting. He attended the meeting of the Region 1 Executive Committee earlier this year.

4.3) Report of Secretary Price. Mr. Price distributed a three-page written report of the Secretary. There have been six Calendars issued since Bandung, including the Special Calendar requested at that time. Mr. Price attended the annual Friedrichshafen event sponsored by DARC, with Paul Rinaldo of the ARRL staff. They stopped in Geneva and visited ITU Headquarters in connection with Mr. Rinaldo's responsibilities as convenor of CCIR Task Group 8/2, which is studying a Question on Wind Profiler Radars. They met with staff of the International Frequency Registration Board to discuss ways the IFRB could be helpful to the Amateur Service in resolving cases of harmful interference; because of pending ITU restructuring it does not appear to be productive to pursue the matter further at this time. They also visited the headquarters of the International Federation of Red Cross and Red Crescent Societies to discuss mutual concerns and the possibility of increased future cooperation in developing countries, particularly on the continent of Africa. After discussion, the Administrative Council endorsed and adopted the

course of action outlined by the Secretary to pursue further cooperation with the Federation; the International Secretariat is to be the point of contact between the two organizations.

5) Reports of the Regional Representatives

5.1) Region 3. Mr. Wardlaw referred to the report from Region 3 to the just-concluded Region 2 Conference, Document CUR\031. Mr. Johnson reported that he was assisting the Singapore Amateur Radio Transmitting Society in seeking the easing of local regulations concerning type approval of equipment and station inspections, and would appreciate information from others who have dealt with this issue.

5.2) Region 2. Mr. Shaio reported that the region was in sound financial condition. The Conference had created the new position of Assistant Area Director, which may add some costs. The Conference was successful, and the mandates arising therefrom should not be difficult to implement. Region 2 was pursuing its relations with CITEL and studying the implications of CITEL restructuring.

Mr. Atkins reminded the Administrative Council that at agenda item 11.1 of its Bandung meeting, it had instructed the Secretary to write to the member-societies in Belize, Guyana, and Haiti, advising them that the Administrative Council had formed the opinion that their societies have failed to fulfill their duties under the IARU Constitution and no longer adequately represent the interests of radio amateurs in their countries; that the Administrative Council had, therefore, suspended their rights as member-societies in accordance with Bylaw 10; and that the reinstatement of these rights would require an affirmative showing of their qualifications. The Secretary confirmed that this had been done, and that no affirmative responses had been received. Accordingly, as Secretary of Region 2 and on behalf of its Executive Committee, Mr. Atkins requested that the Administrative Council proceed pursuant to Bylaw 12 to propose that the membership of these three member-societies be terminated. The Administrative Council directed that proposals for the termination of membership of the Belize Amateur Radio Club (BARC), Guyana Amateur Radio Association (GARA), and Radio Club d'Haiti (RCH) be offered for the consideration of the member-societies in the next Calendar.

5.3) Region 1. Mr. van de Nadort reported that Region 1 now has 66 member-societies, with proposals for two more in the voting process and several more applications expected as a result of changes occurring in the former Soviet Union. An incomplete

application from Bosnia-Herzegovina has been received by Region 1, and additional information is being sought pursuant to Bylaw 1. Less than one year after the inception of the IARU project in Albania, the number of amateurs in that country has grown to 23. EURO TELECOM 92 is being held October 12-17 in Budapest; an IARU stand will be manned by MRASZ with assistance from the Region 1 Executive Committee. Region 1 has assisted with promotional literature to be distributed in Africa. Amateur licenses for 50-MHz operation have become more widely available in Region 1. A proposed amendment to the Region 1 Constitution, to expand its Executive Committee from seven to nine members, is being voted on by mail. Mr. Nietyksza has been named Region 1 ITU Coordinator. Next year's Region 1 Conference is to be held at the Congress Centre "Sparrenduin" in the town of De Haan, Belgium, near Ostend, September 19-24, 1993; the Region 1 Executive Committee will be held in the same location April 16-18, 1993.

Mr. van de Nadort reported that the society hosting the Sixth ARDF World Championships on behalf of Region 1, MRASZ (Hungary), had advised Region 1 that a potential problem had arisen concerning the planned participation by teams representing the several countries of the former Yugoslavia. The Administrative Council affirmed that under the terms of its Constitution, IARU is always non-political and urged that the societies involved attempt to settle the matter in a manner consistent with these principles. Region 1 was requested to keep the Administrative Council informed of further developments.

Public health concerns about exposure to radio frequency emissions from amateur stations had surfaced in Germany. The Region 3 representatives advised that similar concerns were being heard in Australia and New Zealand, and advice was being sought. Mr. Sumner shared the experiences of the ARRL on this subject, and urged that member-societies be counseled that they should not attempt to dismiss these concerns lightly. While any possible risks arising from amateur radio operations would appear to be very small and should be put into proper perspective, the subject is a matter of scientific investigation and deserving of serious attention. Mr. Owen agreed to draft an appropriate Resolution for consideration later in the meeting.

#### 6) Review of WARC-92.

6.1) Review of performance. Mr. Baldwin referred to his letter of August 27, in which he had distributed comments received from several WARC-92 participants. Mr. Baldwin said that while performance at WARC-92 had been excellent, there are always

opportunities to learn from our experiences and he solicited further observations.

Mr. Nietyksza commented that with the regular conferences envisioned as a part of ITU restructuring, advance preparation and involvement in regional and area telecommunications organizations would assume even greater importance. He observed that in future, those participating on our behalf would need to be conversant with the broad spectrum of telecommunications issues and not just those directly affecting the Amateur Services.

Mr. Shaio expressed the view that more emphasis should be placed on influencing delegations beforehand, and on acting as a conduit between administrations on other issues so as to be of the greatest possible assistance to the delegations whose support we are seeking. He asked that the superb support for WARC-92 provided by the International Secretariat, particularly the provision of reference booklets containing the agenda and related documents, be noted in the Summary Record. He observed that limiting the number of IARU observers was less important than the way the observers comported themselves. He also noted that our methods of approach to African delegations had not proven to be particularly effective and should be reevaluated, with the objective of increasing IARU visibility in their countries.

Mr. Johnson observed that it is important to provide delegates with attractive and/or useful souvenirs that they will want to take home with them.

Mr. Nietyksza agreed that excellent logistical support had been organized by the International Secretariat, with assistance from Region 1 and URE. He stressed the importance of having accurate and complete intelligence, as early as possible, on administration attitudes.

Mr. Shaio agreed, and noted that the Region 2 Executive Committee had congratulated the Administrative Council and the International Secretariat for their work on behalf of IARU, particularly with regard to WARC-92.

6.2) Review of expenses. Mr. Sumner reported that the expenses for IARU-related WARC-92 activity were within the budget originally developed in 1989 and subsequently modified by the Administrative Council and the International Secretariat. Spending was higher than expected in some categories of expenditure, but lower in others.

7) Consideration of the report of the IARU Beacon Project Coordinator. Mr. Jack Troster, W6ISQ, had submitted a report to the Region 2 Conference, Document CUR\042. He had also written to the Administrative Council in April, describing a prototype multi-band beacon and future planning for the multi-band beacon network.

Mr. van de Nadort asked for a report on the status of the terms of reference for the IBP Coordinator. The Secretary advised that Mr. Troster has been invited to offer his suggestions for any revisions to the existing terms of reference which he may believe are necessary.

Mr. van de Nadort asked for a report on the status of the IARUMS study of 28 and 50 MHz beacons which had been commissioned at the Bandung meeting. The Secretary advised that the project had been completed promptly by the IARUMS, and the report had been distributed in February.

Mr. van de Nadort noted that some criticism had arisen in Region 1 following the approval by the Administrative Council of the use of 18.110 and 24.930 MHz by the multi-band beacon system. After discussion, the Administrative Council concluded that its earlier action had not been in the nature of an amendment to band plans and that the criticism was unfounded.

It was agreed that the Administrative Council accepts the recommendation of the IBP Coordinator, and appoints Dr. Robert Fabry, N6EK, as Assistant IBP Coordinator.

At the request of Region 1, the Administrative Council reviewed Resolution 86-1 (Revised 1990) and determined that no change is necessary at this time.

The Administrative Council noted the presence of interference to the NCDXF beacon network at 14.100 MHz, and the need for further education of the amateur community as to the existence and purposes of these beacons and the desirability of observing the narrow guard band around this frequency.

The Administrative Council was in recess from 1745 until 0836 the following morning.

8) Report of the Ad Hoc Committee on HLC. Mr. Baldwin turned the Chair over to Mr. Owen, who delivered the report of the Ad Hoc Committee. The committee consisted of David Rankin, 9V1RH, Mr. Price, and Mr. Owen. The committee had met during WARC-92 in Torremolinos and had circulated its report to the Administrative

Council members for discussion with the respective regional executive committees. Two supplementary reports also were issued.

Mr. Owen reported that while the provisions by which IARU was able to be invited to participate in World Administrative Radio Conferences were proposed to be carried over to the new World Radiocommunication Conferences, it appeared that similar provisions might not be available to permit organizations like the IARU to participate in the work of the Technical Committee (having a function similar to that presently performed by the CCIR) unless a financial contribution to the ITU was made. At the present time, the IARU is exempt from such financial contributions. It was agreed that Mr. Owen, with assistance from Mr. Price as required, should consult with appropriate ITU personnel to confirm this understanding. Mr. Price was assigned to write a background paper explaining the unique nature of the IARU and the difficulties that would be posed by a contributory requirement. If necessary, the support of key administrations for an appropriate amendment of the HLC recommendations will be sought. The members of the Administrative Council are to be kept fully informed of developments; are to be prepared to meet on short notice following the Additional Plenipotentiary Conference (APP) in December; and also are to be ready to make decisions as may be required by correspondence or electronic means.

It was agreed that the desirability of increased IARU involvement with the Development Sector should be considered, once this new entity takes shape. It was also observed that the ITU appears to be placing increased emphasis on TELECOM activities, which have broadened since their inception to include forums and seminars on policy, technical and legal issues with an emphasis on analysis of future developments. This reinforces the desirability of IARU participation in future TELECOMs.

After extended discussion of the many implications of ITU restructuring, the following policy was adopted:

**IARU policy to be adopted by Resolution in the event that the APP adopts a Constitution and Convention incorporating the essential features affecting the IARU addressed by the Administrative Council at its meeting in Curacao, 1992.**

1. The probability is that service-specific and general radio conferences will be abandoned in favor of regular radio conferences (every two years) competent to make decisions affecting all services, and with regular and technical and standards meetings also requiring IARU participation.

There will be an ongoing commitment to regular and smaller conferences, requiring a continuous involvement of both the IARU and at a national level to adequately represent the amateur services.

2. The IARU will need to:

(a) continue to be represented at conferences;

(b) participate in relevant technical and other relevant meetings of the Radiocommunication Sector, perhaps the Standardization Sector, and possibly the Development Sector, as well as other bodies; and

(c) by reason of the shorter period between conferences, be able to take advantage of a continuity of appropriate representation to become an "insider," and this will require a pool of technical/regulatory experts to provide this representation with an ongoing involvement of potential pool members for "training."

3. (a) Amateurs will continue to be needed as "amateurs" on delegations, not only from the developed countries with larger societies able to support them but from developing or small countries requiring external support, with the selection of those countries requiring support not being regionally based.

(b) National involvement in study groups and the like for both the technical and standards aspects of the ITU will continue to be necessary.

4. The IARU ordinarily will require only two to four representatives at such conferences (depending on the circumstances), drawn from a pool of "experts" approved by the Administrative Council. A knowledge of each region's needs and cultures will remain essential.

5. The cost arising from the foregoing scenario, taking into account the cost of direct involvement and the need to support other involvement at a national level, will be high and ongoing.

6. Representation at ITU conferences should be determined by the President from the pool of experts approved by the Administrative Council, the pool of experts providing a continuity of representation by people with the appropriate technical and regulatory skills.



7. The Administrative Council will determine policy in depth for the IARU representatives at ITU conferences. The regional organizations will make such arrangements as are necessary to ensure the development and implementation of the foregoing policies.

8. It is the responsibility of each regional organization to monitor and actively participate in regional and area telecommunication and other relevant organizations, appointing the necessary representatives.

After further discussion, an additional statement concerning funding considerations was adopted as follows:

**To be adopted by Resolution to deal with funding in the event that the APP adopts a Constitution and Convention incorporating the essential features affecting the IARU addressed by the Administrative Council at its meeting in Curacao, 1992.**

1. In addition to the regional contributions contemplated by Resolution 91-3, a fund is to be established in the name of the IARU in a suitable location. Other contributions, particularly those from major societies, will be paid into the fund.

2. The Administrative Council, in consultation with the International Secretariat, will each year prepare and review a three-year budget.

3. The costs of representation at radio conferences, representation at standards and technical meetings and all or part of the cost of delegates on national delegations and all or part of the costs of training courses should, with such phasing in as necessary or appropriate, be met out of the fund referred to in (1) and by the International Secretariat, in such proportions and on such basis as is agreed from time to time.

It was noted that the work of the Voluntary Group of Experts (VGE) to simplify the Radio Regulations is also of significance, and some member-societies are working with their administrations to ensure that amateur radio requirements are adequately addressed. It was agreed that IARU should request to be admitted to the final meetings of the VGE as an observer.

The Administrative Council was in recess for luncheon from 1204 to 1237 local time.

9) IARU involvement in the work of the CCIR. Mr. Wardlaw referred to his paper, CCIR and the Amateur and Amateur Satellite Services.

It was agreed that the International Secretariat should register IARU as a participant in the January 13-22, 1993, meeting of CCIR Working Party 8A in Tokyo. Working Party 8A is responsible for the land mobile service (excluding FPLMTS) and the amateur and amateur-satellite services; JARL is planning to host a reception for participants.

It was noted that participation in CCIR national activities continues to be an important responsibility of member-societies, and those member-societies who have the necessary resources and are so engaged are commended and encouraged to continue. It was further agreed that the decision of whether IARU as such participates in a particular CCIR meeting, in addition to such involvement of member-societies in national delegations, is delegated to the officers, who should consult with the member-societies known to be active in CCIR work. Arrangements should be made to ensure that IARU is aware of all CCIR papers relevant to our interests.

In addition to Working Party 8A, other upcoming CCIR meetings of possible interest include Task Group 8/2 (Wind Profiler Radars).

The Secretary is to be the clearinghouse for information concerning CCIR participation.

Mr. Baldwin returned to the Chair at 1335 local time.

Mr. Nietyksza noted his December 1991 paper concerning CEPT and other multinational telecommunications organizations. In Europe, there is a trend toward more work on spectrum use policy being done by these organizations, rather than by the member administrations. This has implications outside Europe which should be monitored. He requested that information be shared on present and planned future amateur activity in the bands above 3300 MHz, so that a complete picture of this activity can be given to administrations and to regional telecommunications organizations. Region 1 will continue to monitor developments in its region.

10) Consideration of the report of the IARU Monitoring Service Coordinator. The written report of Mr. Bob Knowles, ZL1BAD, was reviewed and Mr. Knowles was thanked for providing a thorough and timely report. The following actions were taken with regard to his recommendations:

1. Non-amateur communications in the amateur bands with stations in Lebanon. The Administrative Council suggested to Mr. Knowles that he submit to the International Secretariat such material as

he wishes to have circulated, so that it may be distributed as appropriate.

2. WARC-92 Recommendation COM4/B. While recommendations are not binding on administrations, it was agreed that the text of this Recommendation will be circulated to member-societies in a future Calendar.

3. Correspondence by regional coordinators. It was noted that the Region 2 Conference had adopted a policy similar to that of Region 1, permitting the coordinator, through the regional Secretary, to communicate with those responsible for the operation of non-amateur stations observed to be causing harmful interference in the exclusive amateur bands.

4. Request that international coordinators be permitted to attend all Administrative Council meetings held in accordance with a regional conference. It was agreed that there be no change in the present policy, which is to permit such attendance, at the discretion of the Administrative Council, when the conference is held in the region of residence of the coordinator or when a critical matter arises on which, in the opinion of the Administrative Council, the coordinator's in-person input is essential. It was noted that if an international coordinator is present at the meeting venue at his own expense, he will be invited to attend that portion of the meeting at which his report is considered.

11) Consideration of the report of the International Coordinator for CISPR. The May 1992 report submitted by Mr. Tom Sprenger, PA3AVV, was reviewed. Mr. Sprenger was thanked for providing a most complete and useful report.

12) Satellite matters.

12.1) Consideration of the report of the Satellite Coordinator.

Mr. Price reported on a recent meeting with Dr. Karl Meinzer, DJ4ZC, of AMSAT-DL regarding the status of funding for the AMSAT Phase 3-D project. Noting the importance of the amateur satellite program as a tool for technical development in amateur radio, the Administrative Council directed the International Secretariat to continue to monitor progress and to keep the Administrative Council informed of developments.

12.2) Mr. van de Nadort asked about the status of the terms of reference for the Satellite Coordinator. Interim terms of reference agreed to by Mr. Freddy de Guchteneire, ON6UG, and Mr.

Owen and contained in a letter from Mr. Owen to the Secretary dated November 23, 1991, are still in effect, pending agreement on permanent terms of reference. It was agreed that the Administrative Council would meet with Mr. de Guchteneire at the time of the Region 1 Conference next year, with the objective of reaching agreement. Mr. Price noted that while an objective of the Administrative Council was to bring the terms of reference of its international coordinators into alignment, accomplishing this was proving to be difficult in practice.

12.3) Kitsat. The status of Kitsat, which was launched successfully on August 10, 1992 and is now in operation, was discussed. Region 3 had investigated and reported on the nature of the Kitsat project, as requested at the Bandung meeting. An article from October 1992 QST describing the operation of the satellite was distributed for information. It was determined that no further Administrative Council action is required at this time.

13) Matters relating to amateur radio operation.

13.1) Morse code examination requirement for operation below 30 MHz. The Administrative Council reviewed the ITU Radio Regulations which require that amateurs possess a knowledge of Morse code to operate below 30 MHz, and its previous actions relating to this subject. It was determined that no further action is needed at this time.

14) Report on Amateur Radio Administration courses.

14.1) Prospects for future courses. Mr. Baldwin reported that only one course, the USTTI course in Newington, is definite for 1993 at this time. However, several other venues have been suggested and are being investigated.

14.2) Actions in Africa. One Administrative Council action was taken earlier in the meeting, concerning the suggestions contained in Mr. Price's report. Mr. Baldwin suggested that another effort be undertaken, to train people who are in a position to promote amateur radio in Africa. After discussion, it was agreed that the Administrative Council encourages Region 1 to conduct one or more area or sub-regional conferences in Africa, and requests the President to liaise with Region 1 in the planning and execution of such a program.

15) Review of pending items from previous meetings.

15.1. Review of Administrative Council resolutions. A review of the resolutions previously adopted by the Administrative Council resulted in the following decisions concerning their status:

<u>Resolution</u>	<u>Status</u>
84-5	Continuing
84-6	Action completed
85-2	Continuing
85-4	Continuing
85-5	Action completed
85-6	Continuing
85-8	Continuing
85-9	Continuing
86-1 (Rev 1990)	Continuing
86-3 (Rev 1989)	Continuing
86-4	Continuing
87-2 (Rev 1989)	Continuing
88-1	Continuing
88-2 (Rev 1990)	Continuing
88-4	Revise by deleting the first "recognizing" and the "further considering"
88-5	Continuing
89-1	Continuing
89-2	Continuing
89-3	Continuing
90-2	Revise by deleting "recognizing 2" and "considering"
91-1	Continuing
91-2	Continuing
91-3	Continuing

The following resolution was adopted:

**RESOLUTION 92-1**

concerning possible effects of non-ionizing emissions

The IARU Administrative Council, Curacao, September 1992,

noting a concern as to the possible effects of radio-frequency non-ionizing radiation on humans,

supporting the continuing investigations into these matters by the scientific community, and

recognizing the importance of the Amateur Service remaining informed of developments in this area,

resolves

1. to urge member-societies to recognize the importance of these scientific investigations;
2. to request member-societies to forward published information on these investigations in their own country promptly to the International Secretariat; and
3. to make available copies of relevant scientific papers to any member-society upon request.

16) Budget for 1993. A draft budget for 1993 was distributed to the Administrative Council for review and discussion. Pursuant to Resolution 91-3, the regional organizations submitted estimates of their contributions to be made in partial reimbursement of specific IARU expenditures above and beyond those required of the International Secretariat under the IARU Constitution. After discussion, the draft budget was approved for submission to the International Secretariat.

Other business.

Mr. Price reported that he had recently received an extensive document from the Reseau des Emetteurs Francais (REF) concerning the recent action of the French administration in assigning band-edge frequencies in the 144-MHz band for temporary, low-power usage during the Winter Olympics. The Administrative Council thanked IARU Liaison Officer Erik Ludwig, F9LT, for the prompt and thorough manner in which he assembled the report from REF. Mr. Wardlaw reported that he had investigated allegations that the Australian Olympic Committee had requested permission to use amateur frequencies and had confirmed that the allegations were untrue; the frequencies sought by, and eventually used by, the Australian team were not in or near any amateur band. Reports from the IARU Monitoring System coordinators for both Regions 2 and 3 showed no reports of harmful interference to amateur satellites, and interference reported by the Region 1 coordinator

could not be traced to the Olympic site. Therefore, the Administrative Council concluded that no further action is required, and the matter is closed.

Mr. Shaio requested that the Administrative Council consider permitting regional organizations to send a member of their Executive Committee to Administrative Council meetings as a non-voting observer for the purpose of training. The Administrative Council agreed to permit this procedure for the 1993 meeting.

17) Date and place of next meeting. The next regular meeting of the Administrative Council is scheduled for September 25-27, 1993, at the site of the Region 1 Conference in Belgium. As noted earlier, a special meeting may be required following the ITU APP.

Whereupon, there being no further business before the meeting, the session was adjourned at 1733 local time.

Respectfully submitted,

Larry E. Price, W4RA  
Secretary