Asia-Pacific Telecommunity

REPORT OF THE MANAGEMENT COMMITTEE
OF THE
ASIA-PACIFIC TELECOMMUNITY
ON ITS
SIXTH SESSION

Bangkok
1-7 December 1982

REPORT OF THE SIXTH MANAGEMENT COMMITTEE

OF THE ASIA-PACIFIC TELECOMMUNITY

BANGKOK, 1 - 7 DECEMBER 1982

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I. ORGANIZATION OF THE SESSION

1.   Introduction

1.1   The Sixth Session of the Management Committee of the Asia Pacific Telecommunity was held in the Conference Room of the United Nations Building in Bangkok from 1 to 7 December 1982.

Attendance

1.2   The session was attended by 61 representatives, alternates and advisers of the following members, associate members and affiliate members :

> 15 Members : Afghanistan, Australia, Bangladesh, China, India, Japan, Maldives, Nepal, Pakistan, Philippines, Republic of Korea, Singapore, Sri Lanka, Thailand and Vietnam.
>
> 1 Associate Member : Hong Kong
>
> 7 Affiliate Members : Cable & Wireless (HK) Ltd., Hong Kong Telephone Company Ltd., Hong Kong; Kokusai Denshin Denwa Company Ltd (KDD), Nippon Telegraph & Telephone Public Corporation (NTT), Japan; The Philippine Global Communications Inc., The Globe MacKay Cable & Radio Corporation, Philippines; and the Korea Telecommunication Authority (KTA), Republic of Korea.

1.3   Representatives of the following 3 International and Regional Organizations attended the session in a consultative capacity :

> Economic and Social Commission for Asia and the Pacific (ESCAP);
> International Telecommunication Union (ITU); and
> International Civil Aviation Organization (ICAO).

1.4   Representative of British Telecommunication International (BTI) also attended by special invitation.

1.5   A list of participants is shown in Annex I.

Opening of the Session

1.6   In accordance with the rules of procedures, the session was opened by the Chairman of the Management Committee, Mr. J.R.R. Cook of Australia. He welcomed all the delegates attending the Sixth Session of the Management Committee. He specially welcomed the representatives of Korea Telecommunication Authority (KTA) attending for the first time and also the representative of British Telecommunication International (BTI) attending by special invitation.

1.7   The Chairman expressed opinion that the APT was completing another busy year very successfully. The highlights were Regional Conference cum Seminar organized by the ITU in association with the APT in January, Seminar on Satellite Communication in Asia Pacific Region, organized by APT in July, Meeting of Study Groups I&II together with a Seminar on Rural Telecommunication in November. The Chairman pointed out with much satisfaction that during the year the APT provided fellowship for training of 64 fellows, 34 short term fellowships for Seminars/Workshop were awarded and 12 experts in the field were arranged. He felt that all these clearly indicate improvement and enhancement in the activities of the APT.

        Referring to the proposed Budget for the Year 1983, the Chairman pointed out that 54% of funds on Work Programme and more if non-reimbursable services included were very encouraging and noteworthy.

1.8   The Chairman also reported and informed the Committee on a visit he made to ITU Headquarters in Geneva enroute to ICCC 82 in London. The Chairman reported that he was received by Mr. M. Mili, then Secretary General who has long been a supporter of APT. He also met Mr. Butler then Deputy Secretary General, Mr. Komplita and Mr. Rahim of Technical Cooperation Department. The topics discussed were :

        (i)   Review of APT since formation in 1979

        (ii) Comparison of APT experience with the development of
              other regional telecommunication organizations

        (iii) ITU projects in the Asia Pacific Region
              Details of these were made available prior to the meeting of the
              Consultative Committee for Coordination which was held
              on the 30th of November 1982.

                                              /The discussions...

The discussions made a useful contribution to APT/ITU cooperation.

1.9   The Chairman remarked that this meeting would last 5 days and was much shorter than previous meetings of the Management Committee. He expressed confidence that the task would be accomplished successfully with the cooperation of all. He requested that draft reports of Working Groups may be completed by Friday for approval on Monday so that Drafting Committee completes its work on Tuesday before noon and the session might be closed in the afternoon.

With these details the Chairman, Mr. Cook said that he had much pleasure in declaring the Sixth Session of the Management Committee open.

1.10   Adoption of Agenda and Formation of Working Groups and Drafting Committee

Agenda

The provisional agenda submitted by the Secretariat was considered and the Management Committee adopted the following agenda :

1. Opening of the Session by the Chairman of the Management Committee

2. Adoption of the Agenda

3. Presentation of the Annual Report for 1982 by the Executive Director

4. Statements by International and Regional Organizations

5. Consideration of the Report of the Consultative Committee on Coordination

6. Consideration of Reports and Recommendations submitted to the Management Committee :

    6.1 Consideration of the Report, Recommendations and Future Programme of the Study Groups

    6.2 (a) Consideration of Report, Conclusions and Recommendations of Seminar on Satellite Communications in Asia Pacific Region (20 - 24 July 1982)

/(b)

    (b) Consideration of Report and Recommendations of
        Seminar on Rural Telecommunications (5 November 1982)

    6.3 Consideration of Recommendations related to APT, Report
         of Regional Conference cum Seminar organized by ITU
         (12 - 27 January 1982)

7. Work Programme of the Telecommunity :

    7.1 Review of the Work Programme for the year 1982

    7.2 Approval of the Work Programme of the Telecommunity
         for the year 1983, forming part of the 5 year programme

8. Financial Report and Accounts of the Telecommunity :

    8.1 Expenditure and Auditor's Report for the year 1981

    8.2 Revised Budget for the year 1982

    8.3 Budget Estimate for the year 1983 and Indicative Budget
         for the year 1984

9. Consideration of Draft Agreements :

    9.1 Headquarters Agreement with Host Country

    9.2 Agreement with Members and Associate Members

10. Report on Progress of Ratification of Amendment of the Constitution

11. Report on Progress of Various Directives of the Fifth Session of
    the Management Committee

12. Date and Venue of the next meeting

13. Any other items

    13.1 Consideration of the Draft Proposal "Intelligent Software
          Seminar 1984" to be jointly sponsored by APT and ICCC

    13.2 Selection of Executive Director and Fixing the effective
          date of joining

14. Closing of the Session by the Chairman of the Management Committee.

Formation of Working Groups

1.11   The Chairman proposed to set two Working Groups, one for Work Programme and the other for Budget as usual.

It was decided that the Working Group on Budget would be led by Vice Chairman, Mr. J. Basu; and the Working Group on Work Programme would be led by Vice Chairman, Mr. Sung-Hi Lee.

The Chairman also drew attention of the two Working Groups to revised papers on programme of work and budget for 1983.

The Working Group on Budget was required to consider agenda item 8 and also agenda item 11.

The Working Group on Work Programme was asked to consider agenda item 7 and item 13.1.

Referring to item 13.1 regarding proposed Seminar to be jointly organized by the APT and ICCC, Mr. Cook gave a brief outline of ICCC Conference.   He expressed his opinion that out of 4 topics suggested in the draft proposal, 2 topics might have to be replaced by more useful topics relevant to telecommunications. He stated that ICCC was well represented by experts around the world. He also informed that Secretary General of ITU, Mr. Butler was Governor of this body.

Drafting Committee

1.12   On the suggestion of the Chairman, a Drafting Committee for the proceedings of the Management Committee was formed and Mr. B.R. Pandey of Nepal was elected as Chairman.

II. ANNUAL REPORT OF THE EXECUTIVE DIRECTOR
(APT/MC-6/3)

2.   The Executive Director welcomed the participants of the Sixth Session of the Management Committee and specially welcomed the participants from Korea Telecommunication Authority.

The Work Programme implemented during 1982 formed part of the five year work programme for 1982-86 approved by the Management Committee in its

/last...

last session. The Executive Director then briefly indicated the progress
of implementation of programme of work in 1982, financial report and
accounts of Telecommunity and various other activities undertaken during
the year. Full report is given in Annex II.

2.1   The Executive Director informed that appropriate action was taken
on all items of works. He intimated that within three years of its
establishment the APT had successfully implemented various activities such
as inter-country projects for technical assistance and studies related to
development of inter and intra regional telecommunication network, inter-
country project on Improvement in Quality of Service, provision of short
term experts, training of telecommunication personnel and promoting
technical cooperation and exchange programme among developing countries.
The Study Groups continued their study.

        Seminars were very successfully organized to correlate planning,
programming and provide opportunity for exchange of views, review
technological developments, focus attention on various problems and evolve
practical solutions and above all foster cooperation among the membership.

2.2   The Executive Director informed that a very important inter-
country project participated by 10 countries on Compatible Signalling Systems
was taken up and its first phase has been concluded. The second phase will
be taken up in early 1983.

        Another project on Improvement in Quality of Service was initiated
in one member administration and was to be taken up within December in
another member administration.

        Direct technical assistance programme was the main thrust of
activities during the year. 64 fellows from 10 countries were to be trained
realizing 79.25 man-month of training during 1982 out of which 52 fellows
here already trained by mid November realizing 61.25 man-month. He informed
that during the year the APT received request for providing 550 man-month
of training.

        It was also informed that APT awarded 34 short term fellowships
for Seminars/Workshop during the year.

/For 1982...

For 1982 the APT received requests for providing 70 man-month of experts in the field. The APT selected 7 experts for realizing 18.5 man-month during the year. The APT also provided 5 experts for inter-country projects realizing 18 man-month in addition to 2 experts (6 man-month) provided by Japan on non-reimbursable basis.

Thus total experts in the field during 1982 was planned to be 14 to realize 42.5 man-month of service compared to 17 man-month realized in 1981.

A very successful Seminar on Satellite Communication in Asia Pacific Region was organized. Another Seminar on Rural Telecommunication was also organized during the meeting of the Study Groups I&II. Activities of Study Groups also indicated increasing enthusiasm as 9 contributions for Study Group I and 41 contributions for Study Group II were received.

The Executive Director stated that for work programme during 1982, increased budget of US$259,000 was expected compared to US$ 176,000 approved in the last session. This was possible due to utilization of extra-contribution received for work programme.

The Executive Director also briefly described the proposed work programme for 1983. The Executive Director briefly described the proposed Tokyo Convention for celebrating World Communication Year 1983. He also stressed the need for utilizing accumulated funds and to keep the carry forward amount to within the figures anticipated in 1981. The indicative budget and work programme for 1984 was also based on this proposal.

2.3   Audited Account for the year 1981 with auditor's observation and detailed explanation was submitted in the paper APT/MC-6/8.1.

2.4   The details of the revised budget for 1982 was presented in paper APT/MC-6/8.2REV 1.

In view of more funds that were available due to arrear contributions, additional contributions pledged and interest earned on bank deposits, increased funds were allotted for work programme. Work programme was enlarged to fulfill more request of members specially concerning provision of short term experts. Considering the expenditure committed it was estimated that

/US$...

US$ 300,700 would be incurred against US$ 176,000 originally approved.
This work programme budget would be 40% of total budget.

2.5   Budget estimate for 1983 and indicative budget for 1984 was submitted
in the paper APT/MC-6/8.3REV 1. These were based on need to keep the amount
carried forward in December each year to within the limits set by the
Management Committee in 1981, utilize additional funds available for
increasing the work programme. No increase in staff in the Secretariat was
provided. Increase shown in the expenditure on administration was concerning
expenditure on documentation for Seminars, Study Group contributions and
reports etc. Budget allocated for work programme was 54% of total budget in
1983.

        Indicative budget for 1984 was also based on these lines to realize
52% expenditure for work programme from total budget.

2.6   The Executive Director pointed out that till date contribution
for 1982 from all was received except Iran, Nauru and Nepal. The
outstanding amount of contribution is US$ 8,250 only (2.5 units).

        During the year Korea Telecommunication Authority joined as
affiliate member and pledged 2 units. This was also stated that during
the year 1982 Iran paid arrear contributions of US$ 50,000 for 1980 and
1981 at US$ 2,500 for 10 units. But for year 1982, Iran has pledged only
1 unit. Total contribution actually received in 1982 was US$ 544,450
against US$ 478,000 pledged in the last session.

2.7   The Executive Director reported with pleasure that during the year
Korea Telecommunication Authority (KTA) joined the Telecommunity as affiliate
member. Efforts continue for improving the membership.

2.8   The Secretariat was pursuing with the concerned members to finalise
agreements regarding privileges and immunities. The status report was
presented in the paper APT/MC-6/9.2. Till now 11 members and associate members
have accorded the APT and its officials same privileges and immunities as
provided in the UN Convention of 1946. However, 8 members i.e. Burma, India,
Japan, Malaysia, Nauru, Nepal, Philippines and Singapore have not yet informed
their decision.

                                                        /In response...

In response to Headquarters Draft Agreement submitted by APT to Government of Thailand in July 1980, a revised draft was received on 15 June 1982. The Draft contains departures and omissions which are important and would affect the functions of the organization. Advice of our legal adviser also indicates this view. Details were submitted in paper APT/MC-6/9.1. The Secretariat proposes to submit the revised draft again. Till a satisfactory draft is mutually agreed, the APT would continue to be covered by the Royal decree which provides similar facilities to the APT as UN organizations and agencies having Headquarters in Thailand.

The Executive Director pointed out that the Memorandum of Understanding between APT and INTELSAT earlier approved by General Assembly of APT in November 1981, was approved by INTELSAT Assembly of Parties also in October 1982. Thus formal relation between APT and INTELSAT were established with effect from 22 January 1982.

2.9   The Executive Director reported that during the year the APT participated in 6 meetings/conferences organized by the ITU and one by the ESCAP.

2.10   The Executive Director reported that the Consultative Committee for Coordination was held on 30 November 1982 in Conference Room of APT Secretariat in Bangkok. The Committee did not find any conflict or overlapping of work programmes.

2.11   The Executive Director suggested in his report that the term of office of the Executive Director could be made to 5 years with no second term. This will facilitate coordination and implementation of 5 year work programme.

2.12   The Executive Director intimated the action taken for strengthening the budgetary basis of the APT (see Annex II Paragraph 13).

2.13   The Executive Director concluded his annual report and thanked all the members, associate members and affiliate members and international and regional organizations with whose cooperation the APT was able to implement the work programme and other activities.

2.14   The Chairman invited comments and questions on the report.

2.15   General C.S. Carreon of Philippines stated that he was happy to report that in his capacity as President of the APT he represented the APT at recently concluded Plenipotentiary Conference of ITU and arranged useful discussions within the membership concerning matters of importance as provided in Work Programme Activity E-2. He reported that he was assisted by the two Vice-Presidents of the APT and one Vice-Chairman of the Management Committee, Mr. Lee of Korea. He expressed opinion that this Committee should take note of this. General Carreon also congratulated the Executive Director for presenting Annual Report which indicates the activities of the APT so clearly.

2.16   Mr. K.C. Katiyar of India also congratulated the Executive Director and the Secretariat for presenting a report which was brief but covered the entire spectrum of activities of APT so clearly. He expressed his pleasure over the fact that expenditure on proposed work programme in future was to be more than 50% of the budget compared to 35% earlier estimated.

2.17   Representative of Japan commented that his delegation had observed general improvement in implementation and accomplishment of the APT under the guidance of Mr. Boonchoo and this Secretariat.

2.18   Mr. Lee of Korea expressed opinion that the suggestion of the Executive Director for a term of 5 years was very important matter.

The Chairman pointed out that this involved amendment in the Constitution which could be done by the General Assembly. He also said that the matter may be discussed but no action could be taken before the meeting of the General Assembly in 1984.

However, Mr. Lee felt that when this subject is to be taken up by the General Assembly in 1984, the Management Committee should initiate to consider and express opinion on it reflecting general feeling.

2.19   Mr. Basu of India felt that it would be appropriate to give members sometime before discussing the suggestion concerning term of the Executive

/Director...

Director since the Annual Report containing the suggestion was not circulated
in advance.

2.20   The representative of Korea, Mr. Sung-Hi Lee recalled that
during Fifth Session of the Management Committee he had reported that they
were making reconstruction of the structure of telecommunication in Korea.
This was done and as a result, the Korea Telecommunication Authority was
established on 4 January 1982. He also said that duirng the inauguration
ceremony the APT was represented by then Deputy Executive Director Mr. Masami
Hattori. His presence had provided an opportunity for fruitful discussions
and the KTA extended all possible assistance and cooperation for strengthening
relations with the APT. Mr. Lee availed this opportunity and introduced
Mr. Jae Whang Song, the representative of Korea Telecommunication Authority
who made a statement.

2.21   Mr. Song thanked the Chairman and all the delegates for the warm
welcome extended to KTA.

        Mr. Song made a statement on behalf of the Korea Telecommunication
Authority and expressed sincere thanks to the member countries and the
Executive Director of the APT for allowing the KTA to become affiliate member
of the APT. He informed the meeting that KTA is an autonomous operating
entity in Korea responsible for the operation and management of the public
telecommunication facilities in Korea under the policy guidelines laid down
by the Ministry of Communications. He expressed opinion that the KTA headed
by Mr. Woo-Jae Lee as the first President were determined to actively
participate in the work of the APT and it was their sincere hope to maintain
the cordial and cooperative relationship with all the member countries of
this dynamic regional organization, the APT.

2.22   Representative of Japan referred to the proposed Tokyo Convention to
be organized by APT with the support of Japan for commemorating World
Communications Year 1983. He pointed out that Japan was sounded in spring
of 1982 by the APT Secretariat on the possibility of holding the Convention.

        He expressed opinion that Japan understands that this Convention
will play an important role in improving the telecommunications system
in the Asia and Pacific region and in strengthening mutual cooperation
between the countries of the region. Therefore Japan was very much

concerned with Convention.

He expressed regret that he was not able to make clear statement on financial commitment. However he informed that Japan was favourably considering to cooperate for holding the Convention in Tokyo.

He stated that at this moment he would also like to say that Japan would be in a position to host the Convention in Tokyo if the APT Secretariat and member administrations wished to do so and gave their kind support in the future.

He would like the Management Committee to discuss and give necessary indication on two points :

(i) Decision of the time when the Convention would be held so that due priority was secured in view of several domestic and international events planned for World Communications Year 1983.

(ii) Financial aspects might be clarified since Japan felt it would be difficult to provide airfare or hotel accommodation to participants. This must be taken in consideration.

The Chairman asked these points to be considered by the Working Group on Work Programme and possibly make provision for full fellowship to participants from developing countries.

2.23   Mr. Kane of Australia expressed thanks to the Secretariat. He also shared the view that it was a very busy year. He wanted to place on record the appreciation of Australia and he was sure other delegations also joined him in this.

2.24   The Annual Report of the Executive Director was accepted noting that items requiring approval of the Management Committee would be taken up separately against relevant agenda items.

III.   STATEMENTS BY INTERNATIONAL AND REGIONAL ORGANIZATIONS

3.   The Chairman invited the representative of the international and regional organizations to make the statements.

3.1   Statements were made by Mr. Haroon Ebni-Ali on behalf of the Economic and Social Commission for Asia and the Pacific (ESCAP), by Mr. M.A. Ansari on behalf of the International Telecommunication Union (ITU) and by Mr. J.L. Pierzga on behalf of the International Civil Aviation Organization (ICAO).

3.2   The Chairman requested the Working Group on Work Programme to consider the statements. He also invited questions and discussion on the statements.

3.3   Mr. Lee of Korea asked the representative of ICAO to clarify Aeronautical Fixed Telecommunication Network (AFTN) and SITA Network with which they have close relationship and the performance of this network was quite satisfactory.

        Mr. Pierzga of ICAO clarified that SITA network was company oriented business communication such as reservation, information, crew details etc. The AFTN is directed specifically to air traffic control.

3.4   Representative of Japan referred to the proposed Digital Seminar which was reported to be organized by ESCAP and hoped that efforts would be made to avoid duplication with the Seminar on Network Digitalization being organized by the APT in March 1983.

        Mr. Ebni-Ali of ESCAP replied that a seminar was to be organized by ESCAP with the assistance of the World Bank for which a topic of interest to the countries of the region might be chosen.

3.5   The statements are given in Annex III.

IV. CONSIDERATION OF THE REPORT OF THE CONSULTATIVE COMMITTEE FOR COORDINATION
(APT/MC-6/5REV)

4.   At this point the Chairman, Mr. Cook stated that he would like
to briefly present the report of Consultative Committee for Coordination
which was chaired by him.

4.1   Mr. Cook introduced the report of Consultative Committee for
Coordination held on 30 November 1982.

        The Chairman pointed out that this meeting was held annually to coordinate
work programmes of APT and other regional and international organizations.
The meeting was attended by the ITU and ICAO. The Executive Director, the
two Vice Chairmen and the Deputy Executive Director also attended the meeting
by invitation. He briefly presented the report, pointing out that the
Committee did not find any conflict or overlap of programmes but suggested
that this report given in Annex IV might also be considered by the Working
Group on Work Programme.

4.2   The Committee endorsed the report of the Consultative Committee for
Coordination and directed the Working Group on Work Programme to consider the
report and the UNDP/ITU Programme and Projects in Asia and Pacific, 1982-1986
while considering work programme of the APT for 1983.

V. CONSIDERATION OF REPORTS AND RECOMMENDATIONS OF VARIOUS CONFERENCES & SEMINARS BY THE MANAGEMENT COMMITTEE
(APT/MC-6/6.1, 6.2 & 6.3)

5.   The Chairman invited the Executive Director to introduce the three
papers APT/MC-6/6.1, 6.2 & 6.3.

5.1   The Executive Director introduced the Reports, Recommendations and
Future Programmes of Study Groups I & II.

5.2   The Executive Director introduced the conclusions and recommendations

/of Seminar...

of Seminar on Satellite Communication in Asia Pacific Region (20 - 24 July 1982).

Mr. Kane of Australia felt that the Seminar was well organized and had made very useful recommendations. He proposed that an additional Study Group III might be established since these studies are specialized and not reflected in the study programme of existing Study Groups I&II.

The Executive Director was asked to develop detailed procedures indicating how to implement it.

5.3 The Executive Director introduced the paper APT/MC-6/6.2(b) on Report and Recommendations of Seminar on Rural Telecommunication.

Representative of Nepal wanted approval of this important Seminar as recommended by Study Group II.

Mr. Katiyar of India also supported this idea and felt that inspite of budget constraints this Seminar might be included in Work Programme.

5.4 The Executive Director next introduced the paper APT/MC-6/6.3 indicating recommendations relating to APT appearing in report of Conference cum Seminar organized by ITU.

5.5 Mr. Lee of Korea observed that most of the recommendations related to APT are included in our work programme. Delegate of Pakistan referred to the item concerning review of ATN and asked if any follow up action was being taken. The Executive Director pointed out that this was covered by Activity A-5 of our work programme which would be initiated in future.

5.6 Representative of Japan expressed opinion that it was too premature to refer to the Conference cum Seminar where wide ranging matters were discussed in only some details.

5.7 Dr. Mai Liem Truc of Vietnam felt that Regional Conference cum Seminar organized by ITU in association with APT was found to be very useful and important and it was first of its kind organized in the region.

He expressed satisfaction that many recommendations were covered in the work programme of APT in 1983.

/5.8

5.8   Representative of Nepal pointed out that   e work concerning
maintenance and operational aspects was already c ered by ITU project
RAS/81/031 Telecommunication Maintenance Project.

5.9   The Management Committee endorsed these   orts.

VI.   REVIEW OF THE WORK PROGRAMME FOR   E YEAR 1982
(APT/MC-6/7.1)

6.   The Executive Director described the prot ss of implementation
of the work programme for the year 1982. He inf   ed the Committee that
appropriate action was taken on all items of the   proved work programme.

6.1   The Executive Director indicated the pro   ss achieved in each
Activity of approved programme of work concernin   ter and Intra Regional
Activities, National Networks and Services, Techi   ogical Developments,
Direct Technical Assistance Programme and Genera   ctivities.

        Full details of work programme implement   in 1982 are given in
Annex V.

6.2   Inter-country project on Compatible Sign   ing System was initiated
during the year and its first phase has been com   ted. Second phase would
be taken up in 1983. Another on-going inter-cou   y project on Improvement
in Quality of Service was commenced during the y   .

6.3   It was pointed out that main thrust of a   ities in the past years
was in the implementation of direct technical as   ance programme. He
informed the Committee that during the year the   provided fellowship
for training of 64 fellows and 34 short-term fel   ships for Seminars/
Workshop were awarded.

        The Secretariat had received request for   viding 550 man-month
of training during the year.

        During the year 12 experts in the field   e selected. Services

                                                              /of ...

of 2 experts were provided by the Government of Japan on non-reimbursable basis. Thus total experts missions of all kinds planned during 1982 were 14 experts realizing 42.5 man-month as against 17 man-month provided in 1981. This year the Secretariat had received requests for providing 22 short-term experts for about 70 man-month.

6.4 The Executive Director stated that Meeting of Study Groups I&II was held and also a short Seminar on Rural Telecommunication was organized.

6.5 The Executive Director also informed the meeting that during the year the Secretariat organized a very successful Seminar on Satellite Communication in the Asia Pacific Region.

6.6 Information on development of solar power, and other technological trends in planning of rural telecommunication was obtained and disseminated to member administrations.

6.7 The Executive Director informed the Committee about various general activities undertaken during the year. He stated that an arrangement was made by the Secretariat to coordinate discussions within membership to arrive at common consensus on matters of importance during the Plenipotentiary Conference of ITU held at Nairobi in September-November 1982.

6.8 The Executive Director described various missions, conferences and meetings in which the APT participated during the year including Regional Conference cum Seminar organized by ITU in association with APT and ESCAP.

6.9 The Management Committee took note and approved the work programme implemented during the year 1982.

> VII. APPROVAL OF THE WORK PROGRAMME OF THE
> TELECOMMUNITY FOR THE YEAR 1983
> (APT/MC-6/7.2REV 1)

7. The Chairman pointed out that a very important function of the Management Committee was to consider and approve the programme of work of

/the...

the Telecommunity. The working group on work programme was asked to consider the revised papers submitted by the Secretariat on Review of Work Programme for 1982 and Proposed Work Programme of the Telecommunity for the year 1983 and submit report for consideration and approval of the Committee.

7.1   The working group on work programme was also asked to consider the report of Consultative Committee on Coordination; report, recommendations and future study programme submitted by Study Groups I & II; recommendations of Seminar on Satellite Communication and Rural Telecommunication; recommendations related to APT in the report of Regional Conference cum Seminar organized by ITU; and proposed Seminar to be jointly organized by APT and ICCC in 1984. The working group was to take due note of statements also made by the representatives of regional and international organizations.

7.2   Mr. Sung-Hi Lee of the Republic of Korea chaired the working group on work programme and invited the Executive Director to introduce the Secretariat paper on work programme of the Telecommunity for 1983 (APT/MC-6/7.2REV 1).

7.3   The Executive Director pointed out that the work programme proposed by the Secretariat for the year 1983 basically forms part of five year work programme (1982-1986) approved during the Fifth Session of the Management Committee in November 1981.

7.4   The five year work programme indicated priority clarification of each key activity for the year 1982 only. In view of available resources the priority of each key activity for the year 1983 was reconsidered and decided.

7.5   Considering the recommendation of Study Group I, the Activity A-3 was given 'A' priority.

7.6   The Executive Director expressed the opinion that, considering the large amount of resources required and the work involved in development of Master Plan of the regional network, pre-feasibility study might be undertaken as phase I to establish the scope, details and related decisions for

/implementation...

implementation of this major project Activity A-5.

7.7   Due to importance of rural telecommunications, the Activity B-2 was given 'A' priority for commencing implementation during 1983 and continue in future years.

7.8   The Executive Director pointed out that the scope of inter-country project on Improvement in Quality of Service was enhanced and group study and observation visits to developed administrations as well as exchange of personnel among participating administrations was included in Activity B-3.

7.9   The Executive Director emphasized that the main thrust of activity of the Telecommunity would continue to be the implementation of direct technical assistance programme providing for training, exchange of personnel and short-term experts.

7.10   The Executive Director also referred to the proposed Asia Pacific Telecommunications Convention, Tokyo for World Communication Year 1983".

7.11   He stated that the proposal was subject to approval by the Government of Japan. However the Management Committee might consider the proposal and approve the estimated expenditure for this activity on ad-hoc basis.

7.12   He also referred to changes in the schedule related to organizing seminars and workshops under Activity C-2 & C-3 which was necessary due to postponement of Seminar on Network Digitalization from 1982 to 1983 and inclusion of additional Seminar on External Plant as recommended by Study Group II as Activity C-4.

Report of Working Group on Work Programme and Discussion in the Management Committee

7.13   Mr. Sung-Hi Lee introduced the report of the working group on work programme for consideration and approval by the Management Committee. He informed the Committee that the working group considered all the relevant documents concerning the development of the Programme of Work for APT.

/The working...

The working group proposals consist of three parts, i.e. Work Programme of the Telecommunity for 1983, Study Programme for Study Groups and action to be taken on recommendations made by various conferences and seminars.

7.14   Mr. Lee stated that the working group made some amendments in the Work Programme of the Telecommunity for the year 1983. He pointed out that total resources required to implement 'A' priority Activities of the Work Programme was US$ 395,000. The approved budget estimate for 1983 showed availability of US$ 364,000 which included expenditure of US$ 70,000 committed for projects of 1982 work programme to be completed during 1983. Considering these constraints the Management Committee was requested to give necessary guidelines to the Secretariat and approve the Work Programme for 1983.

7.15   Mr. Sung-Hi Lee pointed out that the working group considered the reports of both the Study Groups and noted that it might be necessary for them to continue their studies of appropriate existing questions.

It was therefore recommended that the Study Groups I&II should be reconstituted as continuing bodies to undertake study of any question put to them by the Management Committee. The working group recommended that Study Groups should continue their study of existing questions and study additional questions (5 questions for Study Group I, 9 questions for Study Group II and one common question for both Study Groups) drafted for consideration and approval of the Management Committee.

7.16   The working group considered recommendations made by various conferences and seminars held during the year 1982 and had no substantial problems in accepting them. Therefore the working group compiled a list of 28 proposals with comments indicating action taken or proposed. It recommends that the Management Committee take note and approve the recommendations as appropriate.

7.17   It was specifically pointed out to the Committee that the working group adopted the Definition of Rural Area as recommended by the Study Group II. The Management Committee was requested to consider for approval and adopt the definition for the APT region.

/7.18

7.18   The working group also considered and agreed to standardize 10 channel sub-primary PCM System for use in rural telecommunication in the APT region provisionally and further study to be continued as proposed by Study Group II. The Management Committee was requested to consider and approve it.

Decisions of the Management Committee on Work Programme for 1983

7.19   The Chairman of the Management Committee invited discussions on the report and suggestions of the working group on work programme.

7.20   The Management Committee discussed and agreed in principle to hold the Intelligent Software Seminar proposed by the ICCC in 1984. It directed the Executive Director to select title and 4 topics, negotiate with the ICCC and submit report to next session of the Management Committee for final approval.

7.21   The Chairman then invited discussions on the proposed Tokyo Convention for commemorating World Communication Year 1983 considering the position already stated by delegation of Japan. He appreciated the efforts of Japan to signify the importance of World Communication Year 1983. and felt that the APT membership would wish to support the Convention. He requested the Executive Director to estimate the budget requirement and identify the number of fellowships to be provided to participants.

7.22   The Executive Director proposed that the APT would provide full fellowships to about 10 participants from developing member administrations and was estimated to cost US$ 25,000. He stated that the Secretariat expenses were estimated to be US$ 12,000. He suggested that the Convention might be held in September 1983.

7.23   The Management Committee approved the proposal for holding 'Asia Pacific Telecommunication Convention, Tokyo,' to be held from 26 September to 1 October 1983 for commemorating the World Communication Year 1983. The Management Committee accepted and approved the suggestions of the Executive Director for providing full fellowship and associated budget requirements.

7.24   The Management Committee accepted the proposal that Study Groups I&II should be reconstituted as continuing bodies to undertake study of any question put to them by the Management Committee.

The Management Committee also agreed that the Study Groups I&II should continue their study of existing questions and approved additional questions to be studied during 1983 as given in Appendix 2 of Annex VIII.

7.25   The Management Committee noted the comments of working group on recommendations made by various conferences and seminars and endorsed the actions suggested as given in Appendix 3 of Annex VIII.

7.26   The Management Committee approved and adopted the Definition of Rural Area for the APT region, and also agreed to provisionally standardize 10 channel sub-primary PCM System for use in rural telecommunication in the region and directed the Study Group II to continue further study on this as given in Appendix 4 of Annex VIII.

7.27   The Management Committee considered in detail and approved the work programme of the Telecommunity for the year 1983, as recommended by the working group, and as shown at Annex VIII. The Management Committee noted that priority A projects in the 1983 work programme total US$395,000 and that expenditure of US$364,000 is provided for in the proposed 1983 budget, as shown at Annex VII.

7.28   The Management Committee authorised the Secretariat to decide suitable timing for implementation of priority A projects in the programme of work during the year 1983 subject to budgetary limits. The work programme of Telecommunity approved by the Management Committee for the year 1983 is given in Annex VIII.

VIII. EXPENDITURE AND AUDITOR'S REPORT FOR THE YEAR 1981
(APT/MC-6/8.1)

8.   The Executive Director presented the financial report of the Asia Pacific Telecommunity prepared by the Auditors M/S Cooper and Lybrand for the year 1981 for consideration and approval of the Management Committee.

It was pointed out that the actual expenditure incurred during the year was US$ 402,235.94 against a budgeted amount of US$ 418,222.78. The

total contributions and interest earned on bank deposits during 1981 was
US$ 435,951.66 as against budgeted income of US$ 422,500.00. Balance
carried forward at the end of 1981 was US$ 326,782.60.

8.1   The report was considered and approved by the Management Committee.

IX.   APPROVAL OF THE REVISED BUDGET FOR THE YEAR 1982
(APT/MC-6/8.2REV 1)

9.   The Secretariat introduced the revised budget for the year 1982
indicated in paper APT/MC-6/8.2REV 1, and information about the latest details
of contributions received and the amount of contribution still in arrears.

9.1   The figures for budget expenditure, obligation and balance for the
major heads - Staff (A), Administration (B) and Work Programme (C) were
provided. It was also pointed out that to utilize additional contributions
received during the year, the budget for work programme (C) was suitably
increased.

9.2   The Working Group Meeting on Budget was chaired by Mr. J. Basu
of India and participated by delegates from Australia, Hong Kong, Japan,
Philippines, Republic of Korea, Thailand and Vietnam, discussed in detail
the Revised Budget for 1982, Budget Estimate for 1983 and Indicative Budget
for 1984 submitted by the Secretariat.

9.3   Before taking up Revised Budget for 1982 the ceilings on expenditure
was taken into consideration as decided by the General Assembly for 1982,
1983 and 1984 with the proviso that expenditure could exceed these limits
by the amounts by which total contributions received by the Telecommunity
exceeded those formally pledged at 1981 session.

9.4   Contributions subsequently pledged and actually received, arrear
contributions actually received and the amount of interest on bank deposits
received during the year were taken as the factors causing the total
contributions to exceed those formally pledged at the 1981 session.

/9.5

9.5   It was noticed that the original proposal envisaged substantial expenditure for experts and training even though a considerable part of this programme would overflow into 1983. The amount under this head was therefore reduced in the light of realistic assessment. The expenditure however was well within limit.

With these partial amendments the Revised Budget for 1982 indicated that the estimated total expenditure for the year would be US$ 537,900 as against total funds of US$941,232. The balance to be carried forward to 1983 was estimated to be US$ 403,332.

9.6   The Revised Budget for 1982 as amended by Working Group on Budget was considered and accepted by the Management Committee and is given in Annex VI.

X. APPROVAL OF BUDGET ESTIMATE FOR 1983 AND INDICATIVE BUDGET FOR 1984
(APT/MC-6/8.3REV)

10.   The Chairman of Working Group on Budget pointed out that the General Assembly of APT in its second session had decided the ceiling of expenditure for the year 1983 and 1984 as US$ 576,000 and US$ 628,000 respectively. It was also decided that the value of a unit of contribution for 1983 and 1984 would increase by 10% per annum maximum. Therefore the Management Committee was required to decide the value of a unit of contribution for 1983.

10.1   The Chairman suggested a meeting of heads of delegations to consider and make recommendations.

After the meeting of heads of delegations for fixing the value of a unit of contribution, the Chairman informed the Committee that considering the expenditure actually incurred in the past three years it was clear that the initial figures advised by the Working Group on Budget were very reasonable and should not be exceeded.

10.2   The Management Committee discussed the matter in detail and took

into account various factors including the likely carry forward amounts and realistic assessment regarding the work programme expected to be implemented. The Management Committee came to the conclusion that it was not necessary to increase the value of the unit in the light of the various provisions of the likely budget for 1983.

Therefore it was decided that value of one unit of contribution for the year 1983 would remain at US$ 3,300 .

However while discussing the situation likely to obtain in 1984 a possible increase in the unit value by 10% in the year 1984 was recognized for preparing indicative budget of 1984.

10.3   Mr. J. Basu introduced the report of Working Group on Budget and explained the Budget Estimate for 1983 and Indicative Budget for 1984.

10.4   In line with decision of the Management Committee on unit cost for 1983 and 1984, the directives given in the second session of the General Assembly held in 1981, the Working Group on Budget first ascertained maximum limits of expenditure for 1983 and 1984.

10.5   Contributions to be received against subsequently pledged additional units, arrear contributions to be received and the amount of interest on bank deposits estimated during the year were taken as the factors causing the total contributions to exceed those formally pledged at the 1981 session.

10.6   Limits of expenditure calculated were as follows :

For 1983	Contribution to be received against subsequent additional pledged units	US$ 28,050
	Arrear contribution to be received	8,250
	Interest on bank deposits	70,000
	Ceiling given by General Assembly	576,000
	Upper limit of expenditure	682,300
For 1984	Contribution to be received against subsequent additional pledged units	30,855
	Interest on bank deposits	70,000
	Ceiling given by General Assembly	628,000
	Upper limit of expenditure	728,855

10.7   The Budget Estimate for 1983 and Indicative Budget for 1984 as proposed
by the Secretariat were discussed in detail by the Working Group chaired by
Mr. J. Basu of India and participated by delegations from Australia, Hong Kong,
Japan, Philippines, Republic of Korea, Thailand and Vietnam.

The Working Group did not attempt detailed allocation under the
various subheads of Work Programme. It was felt that this could best be
done by the Working Group for Work Programme or the Secretariat so as to
suit their priorities.

10.8   In order to bring down the expenditure in 1983 within the permissible
limit the total expenditure was reduced from the proposed US$ 726,000
to US$ 680,000. It was also felt that the amount of US$ 15,000 provided
under B.1.2 for documentation etc. in connection with seminars, and workshops
should better be transferred to Work Programme under major head C. The amount
under Work Programme was reduced from the proposed US$ 395,000 to US$ 364,000.

10.9   In order to bring down the total expenditure in 1984 also within the
limit, it was reduced from proposed US$ 783,000 to US$ 728,000. An amount
of US$ 15,000 provided under the subhead B.1.2 for documentation etc. in
connection with Seminar and Study Group activities was also transferred to
Work Programme under major head C. The amount under Work Programme was
revised from US$ 421,000 to US$ 381,000.

10.10   The Working Group noted that the carry forward amounts in the three
years would be somewhat on the high side and suggested that the Management
Committee might consider the desirability and the possibility of greater
utilization of the financial resources in the coming years.

10.11   The Working Group discussed the provision of Tax Equalization Fund
and the desirability of reducing the amount or abolishing the subhead.
It was felt that in view of a certain degree of uncertainty and taking into
account possible tax liability, a minimum realistic amount had to be
retained. The tax liability, however, could also be covered if there was
a reserve fund or there was a certain minimum but adequate amount prescribed
for the carry forward amount.

10.12   The Management Committee after considering various views on interpretation of upper limit of expenditure, agreed to all the recommendations of the budget working group.

As regards details of subhead allocation (under the broad head 'C' Work Programme),the Management Committee decided that this should be worked out by the Secretariat so as to best suit the requirements of Work Programme with the stipulation that the amount allocated under C-1 (official travel) should not exceed US$ 25,000.

10.13   The Budget Estimate for 1983 and Indicative Budget for 1984 as approved by the Management Committee are given in Annex VII.

XI.   CONSIDERATION OF HEADQUARTERS AGREEMENT
WITH HOST COUNTRY
(APT/MC-6/9.1)

11. .   The present status of the Draft Headquarters Agreement was stated by the Executive Director. He informed the Committee that Government of Thailand submitted another revised Draft Agreement on 15 June 1982 in response to the Draft Agreement forwarded to them by the APT Secretariat in July 1980. The Executive Director pointed out that there were departures and omissions in the Draft received from the Government of Thailand, which might affect the functioning of the Telecommunity. Comments of the legal adviser were also obtained and submitted for information. The Executive Director proposed that after careful consideration the Secretariat would submit another revised Draft to the Government of Thailand at the earliest for their consideration.

11.1   The Management Committee considered and endorsed the status report.

XII.   CONSIDERATION OF AGREEMENT WITH MEMBERS
AND ASSOCIATE MEMBERS
(APT/MC-6/9.2)

12.   The Executive Director introduced the report stating the status of agreement with members and associate members. He pointed out that there was no change since the matter was reported in the Second Session of the

/General...

General Assembly in 1981. He informed the Committee that Burma, India, Japan, Malaysia, Nauru, Nepal, Philippines and Singapore have not yet intimated their decision on this matter.

12.1   The report by the Executive Director on agreements with members and associate members was endorsed by the Management Committee.

XIII.   REPORT ON RATIFICATION OF AMENDMENT
OF THE CONSTITUTION
(APT/MC-6/10)

13.   The Executive Director informed the Management Committee on the progress of ratification of amendment of Article 11 Paragraph 2(a) of the Constitution of the Asia Pacific Telecommunity approved by the General Assembly in its Second Session held in November 1981.

It was pointed out that so far only Maldives, Singapore and Sri Lanka have accepted the amendment and deposited the instrument of ratification with the Depositary.

13.1   The representative of Thailand intimated that they have accepted the amendment and deposited instruments of ratification on 1 November 1982.

The representative of Vietnam informed that Government of Vietnam has also ratified the amendment in Constitution and shall deposit it in near future.

Several delegations such as Australia and Republic of Korea advised the process of the ratification has reached advanced stage in their countries.

Representative of India stated that the matter was in process with the Government.

13.2   The Management Committee considered and endorsed the progress report.

XIV. CONSIDERATION OF REPORT ON VARIOUS DIRECTIVES OF
THE FIFTH SESSION OF THE MANAGEMENT COMMITTEE
(APT/MC-6/11)

14.   The Executive Director introduced the report indicating actions taken by the Secretariat on the three directives given in the Fifth Session of the Management Committee.

Assignment Allowance

14.1   It was pointed out that the Secretariat had obtained clarification from the ESCAP on application of assignment allowance and circulated to all members. The Secretariat was following the procedure clarified by the ESCAP.

General Review of Staff Regulations and Staff Rules of the Asia Pacific Telecommunity

14.2   The Executive Director explained the present position concerning general review of the existing Staff Regulations and Staff Rules which was proposed to be arranged through correspondence. Japan' had volunteered to lead this task. But no other members or associate members had intimated their willingness to participate in this work.

However, Ministry of Posts and Telecommunications, Japan had asked the Secretariat to clarify various differences pointed out after comparing APT Staff Regulations and Staff Rules with that of the ESCAP.

14.3   The Secretariat had clarified each point raised. It was intimated that the APT Staff Regulations and Staff Rules were adopted in the Second Session of the Management Committee held from 10 to 20 December 1979. The draft was introduced by the Executive Director to the Management Committee which stated clearly that the Staff Regulations and Staff Rules have been formulated generally on the basis of the existing systems in the UN and the ITU. Thus APT Staff Regulations and Staff Rules were not framed only on the basis of those applicable in case of ESCAP only. It may also be noted that there is a lot of functional similarity between APT and ITU compared to ESCAP.

/14.4

14.4   Concerning economy in expenditure, the Executive Director pointed out
that :

(i)   The Secretariat tries its best to incur minimum
       expenditure, and unnecessary purchase of goods is always
       avoided.

(ii)   The APT Secretariat has already minimum number of personnel
       and no increase in its strength has occurred. Even during
       very busy times, such as joint meetings of the General
       Assembly and the Management Committee, organization of seminars
       (study group lectures) etc., the Secretariat did not employ
       any extra staff or experts for short duration also and entire
       work was done by our regular staff.

14.5   The Chairman invited comments from the delegation of Japan.

        The representative of Japan also presented progress report.

14.6   He recalled that at the time of approval of the budget for 1982 and
the deliberation of budget estimates for 1983 and 1984 during Fifth
Session of the Management Committee, the Working Group had made six
recommendations.

        In accordance with these, the Management Committee decided that
there was need to arrange for general review of the existing Staff
Regulations and Staff Rules in order to ensure consistency, clarity and
economy in the administration of the APT, and that a general review would
be carried out under the leadership of Japan through correspondence.

14.7   In compliance with this decision, Japan submitted 17 suggestions on
amendment of the APT Staff Regulations and Staff Rules, after careful
examination, and last August, sent a questionnaire to the members and
associate members of the APT for their comments and opinions.

        We have had replies to this questionnaire from the following
7 members : Australia, India, Pakistan, Singapore, Thailand, Hong Kong
and Brunei.

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14.8   The representative of Japan informed the Committee that in general, these replies support the general review conducted by the Administration and suggested that the personnel expenses of the APT should be maintained at a reasonable level consistent with the effective operation of the APT. However, it might be inappropriate to come to a conclusion on the organization as a whole, because the seven replies were an insufficient number.

        The representative of Japan accordingly, requested that the Management Committee keep this matter under review.

14.9   The Executive Director stated that he was not in a position to offer any comments since the contents of replies and suggestions given by the 7 members referred to in the report of Japan were not submitted to the Secretariat.

14.10   The Management Committee endorsed the report of Japan on general review of the existing Staff Regulations and Staff Rules of the APT.

        Reserve Fund

14.11   The Executive Director introduced the basic set of draft rules submitted for consideration of the Management Committee.

14.12   The Chairman invited views and discussions on proposed reserve fund.

        Mr. Chen Jun of China pointed out that on the proposal of his delegation the Management Committee in its Fifth Session had decided to establish a Reserve Fund and asked the Secretariat to draft a set of rules for man gement of such a fund. He felt that the set of draft rules submitted by the Secretariat required many details to be determined and established by the Management Committee.

14.13   The Chairman felt that constitutionally the matter was to be decided by the General Assembly.

14.14   Mr. J. Basu of India expressed opinion that establishment of a Reserve Fund was necessary from the point of view and general understanding of keeping a minimum reserve to take care of certain exigencies.

/Therefore...

Therefore minimum amount of carry forward should be decided so as to set minimum and maximum limits of the Reserve Fund.

Formal creation of the fund was not a basic issue and this could be done by the General Assembly through a resolution.

14.15   Mr. V.J. Kane of Australia felt that creation of a reserve fund only for making payments in certain exigencies would not result in any flexible operation of the Secretariat.

He also pointed out that the total amount of contributions was not really large and the work programme was very modest which should be allowed to grow. He also felt that there was no difficulty in utilizing the fund accumulated without creating a reserve fund in case of exigencies suggested.

14.16   Mr. Mahidol of Thailand informed the Committee that creation of reserve fund was an administrative act for using the funds. He cited the provisions of ITU reserve fund and Asian-Pacific Postal Union(APPU)reserve fund.

He explained that the purpose was   principally to cover short falls of financing or balancing the budget.

14.17   Mr. Kane of Australia further expressed the view that the reserve funds would make the operations of the Secretariat less flexible. He pointed out that creation of a reserve fund would have effect of limiting the funds that would be otherwise available for work programme. It was understood that reserve fund would have limits and area of expenditure affected by this would be the work programme only.

14.18   Mr. J.A. Povey of Hong Kong also expressed the opinion that creation of the reserve fund was not necessary at present.

14.19   The Chairman summarised the discussions and suggested that there were some reservations and some positive indications also in favour of creation of a reserve fund. Since the stage for agreeing or disagreeing on the proposal was not reached, he suggested that the Secretariat might submit

/more...

details next year for consideration of the Management Committee.

14.20   Dr. Mai Liem Truc of Vietnam supported the proposal of the Chairman.

14.21   The Management Committee concluded the discussions on this item and decided that the Secretariat should consider the nature of reserve funds established by other organizations as pointed out by representative of Thailand. The Secretariat was directed to submit detailed proposals in the next meeting of the Management Committee.

> XV.   CONSIDERATION OF THE DRAFT PROPOSAL
> "INTELLIGENT SOFTWARE SEMINAR 1984"
> TO BE JOINTLY SPONSORED
> BY THE APT AND THE   ICCC
> (APT/MC-6/13.1)

15.   The Executive Director briefly introduced the draft proposal which was received by the APT from the Secretary General of the International Council for Computer Communication for jointly sponsoring a regional seminar.

15.1   The proposal outlined the availability of many international authorities in the field of computer communications and its applications offered a splendid opportunity to hold a regional seminar immediately after seventh biannual International Conference on Computer Communication to be held in Sydney, Australia from October to November 1984. The Conferences are hosted by the Telecommunications Carrier in each country, for example 1978 Kyoto : KDD and NTT; 1980 Atlanta : AT&T; 1982 London : British Telecommunications; 1984 Sydney : OTC (Australia) and Telecom Australia.

A seminar of this type was held in New Delhi, India early in October 1978, following the fourth ICCC (Kyoto, Japan) and was jointly sponsored by ITU and ICCC.

15.2   The Executive Director pointed out that the draft proposal was subject to approval by the Management Committee of APT and the Executive Director of ICCC.

15.3   He stated that the Secretariat had studied the proposal and it was
felt that all the topics suggested did not relate to telecommunications.
These might be substituted by topics of greater relevance to APT.

15.4   The Executive Director explained that the expenditure to be incurred
by the APT in providing support to speakers according to draft proposal was
estimated to be US$ 13,600.

        The APT would like to provide 20 fellowships to participants from
developing countries and the estimated expenditure for a 3 day Seminar was
US$ 17,000.   Thus total expenditure estimated for holding the Seminar was
US$ 30,600.

15.5   It was also proposed to open the Seminar to the public and charge
for admission to defray some costs.

15.6   The Chairman invited discussion on the draft proposal.

15.7   The representative of KDD, Japan expressed the opinion that the Seminar
would be very useful for the region. He also requested the Secretariat to
examine the extent to which ITU and ICCC gave assistance to the Seminar held
in New Delhi in 1978.

15.8   Commenting on proposed Intelligent Software Seminar in 1984, Mr. Basu
of India expressed the view that the APT was mainly concerned with
telecommunications and therefore the title of the Seminar and the topics
should be suitably revised.   He also requested that care should be taken in
selecting topics to avoid duplication with the Seminar on Network Digitalization.

15.9   The Chairman also felt that the Seminar was very useful and invited
Mr. Lee of Korea to introduce the recommendation of working group on this
draft proposal.

15.10   Mr. Sung-Hi Lee stated that the working group considered the draft
proposal for holding a seminar jointly by the APT and ICCC in November 1984
and felt it was very important.   However, the working group suggested that
suitable topics relevant to telecommunications should be selected.   The
working group however, requested the Management Committee to consider and

/approve...

approve the proposal so that the Executive Director could negotiate with the Secretary General of International Council for Computer Communications (ICCC).

15.11   The Chairman suggested that the title of the Seminar could be changed to "Computer Communications"or "Development in Computer Communications." The suggestion was agreed.

15.12   The Management Committee agreed in principle to hold the Seminar in 1984 and directed the Secretariat to select suitable topics, and negotiate with the ICCC and submit detailed report to the next meeting of the Management Committee with budget proposals for approval.

XVI.   SELECTION OF THE EXECUTIVE DIRECTOR AND FIXING THE EFFECTIVE DATE OF JOINING (APT/MC-6/13.2REV)

16.   The Chairman invited reference to the paper submitted by the Secretariat. He pointed out that the present Executive Director was selected in an extra-ordinary session and commenced his assignment on 1 August 1981 which would end in July 1984.   The Chairman expressed the opinion that joining by the Executive Directors in the beginning of the year would certainly be appropriate. Therefore instead of holding another extra-ordinary meeting the selection of the Executive Director might be held in the meeting of the Management Committee in the end of 1984.   The Chairman then invited comments.

16.1   Mr. J. Basu of India felt it was a major issue and the proposal was not circulated sufficiently in advance. He pointed out that term of Executive Director was clearly given in the Constitution as three years and expressed doubt whether the Management Committee had the authority to extend the term.

        He also invited reference to the resolution adopted in the Second Session of the General Assembly to determine succession to the position of the Executive Director and suggested that the present situation did get covered by it.

/The other...

The other alternative was to select the Executive Director in the next session of the Management Committee in December 1983 and he might be asked to join in July 1984. He remarked that the Executive Director was of course eligible for re-election.

16.2   The representative of Japan supported the views expressed by the delegate of India and wanted that the matter should be referred to the meeting in 1983.

16.3   Mr. Kane of Australia said that three options were available i.e. have selection in the session of the Management Committee in 1983, hold estra-ordinary session which would be expensive or delayed selection in the 1984 session.

16.4   Representative of Japan said that the matter was slightly complicated as it involved term of the Executive Director and also some time was needed for consideration by our governments.

16.5   The Chairman pointed out that the entire proposal was based on advice of ESCAP representative in 1980 and practice in other international organizations. He was in favour for holding delayed selection in 1984 which would avoid an extra-ordinary session and would result in joining of the Executive Director in the beginning of the year. If this was not agreeable then decision for holding selection in 1983 session or asking the Deputy Executive Director to act for five months had to be taken now.

16.6   Representative of India suggested that the entire matter might be circulated to all the members and depending on the views expressed the Secretariat might include the matter in agenda for the next meeting.

16.7   The Chairman expressed opinion that President of the APT might be approached in accordance with Article 9 Paragraph 5(i) for seeking views of members and decision to hold selection of the Executive Director in 1984 session.

/16.8

16.8   Representative of China and the representative of Japan supported the suggestion of the Chairman to approach the President of the APT.

16.9   Representative of India pointed out the Constitutional provisions as given in Article 9 Para 5 (i) and Article 10 Paragraph 2.

16.10   The representative of the Philippines, Miss Kathleen G Heceta pointed out that Article 10 of the APT Constitution clearly provides that "the Executive Director and Deputy Executive Directors shall hold office for a term of three years" without any mention as to when the Directors term of office shall start. She holds that the Directors can assume office anytime upon eligibility but can hold office only for a specified term of 3 years. Unless the Constitution is amended to extend their term of office, they cannot extend their service.

She further stated that Art. 9 of the Constitution cannot be made to apply to the present question at issue since this latter provision is applicable only in instances where the President of the General Assembly may be requested by the Management Committee "to take the necessary steps to resolve questions which are not covered by the Constitution." While the Constitution does not specify when the Directors should commence their term of office, their tenure however, has been clearly defined in the Constitution and must be upheld.

16.11   The Chairman agreed that in view of this clarification we were bound to consider the issue in the next session of the Committee.

16.12   Mr Basu of India said that finally two options had emerged :

(i)   hold selection in advance during 1983 session or

(ii)   follow the resolution of the General Assembly

He suggested that these two options could be circulated to all members for seeking their advice.

16.13   The Chairman invited comments on second option suggested by the representative of India.

16.14   Representative of Japan said that opinion expressed by the representative of Philippines was pursuasive and suggestion of two options by representative of India was very contributing.

However, he felt that second option might be fully considered and suggested that this Committee might request the Chairman to seek the opinion of members around June 1983 whether selection of the Executive Director would be done during the Seventh Session in 1983 or not.

16.15   The representative of the Philippines maintained her stand that the matter cannot be referred to the General Assembly unless the Constitution is amended. She therefore proposed that the Group avoid the second option.

16.16   Representative of China said that his understanding was that selection might be done in 1984 session only.

16.17   The Chairman summarised that ultimately two propositions were put forward, i.e. to hold selection in the Seventh Session of the Committee in 1983 or call extra-ordinary meeting in 1984. The Management Committee agreed and requested the Chairman to seek the opinion by April/May 1983 and the decision would be on simple majority.

XVII. CONSIDERATION OF THE STAFF RULES OF THE APT GOVERNING TECHNICAL ASSISTANCE PROJECT PERSONNEL

17.   The Executive Director informed the Committee that Staff Rules of APT governing technical assistance project personnel were formulated on the basis of Staff Rules of United Nations, and Staff Rules of ITU governing technical assistance project personnel.

These Rules were also consistent with Staff Regulations and Staff Rules of the APT Secretariat approved by the Management Committee or other decisions of the Management Committee and were not prejudicial to the interest of the Telecommunity.

17.1   The Management Committee was informed that the Executive Director had made these Rules effective from the 15 October 1982. Copies of these

../Rules were

Rules were submitted to the Committee for consideration.

17.2   The Management Committee endorsed the Staff Rules of the APT
governing technical assistance project personnel.

XVIII.   DATE AND PLACE OF NEXT MEETING

18.   The Management Committee decided that the next meeting should
be held in Bangkok, tentatively from 30 November to 7 December 1983.

18.1   The Management Committee also decided that the annual meeting of
the Consultative Committee for Coordination should be held in Bangkok
on 29 November 1983.

18.2   Mr Sung-Hi Lee of Korea indicated that the Government of Korea
intended to invite and host the Third Session of the General Assembly and
Eighth Session of the Management Committee to be held concurrently in 1984.

This would coincide with the commemorative functions for centenary
celebrations of Postal Services in Republic of Korea.

Mr Lee wanted the Management Committee to take note of this.

18.3   The Chairman thanked the representative of Korea for the proposed
invitation. He pointed out that views and convenience of member adminis-
trations was required to be ascertained before decision is taken in the
next session of the Management Committee.

XIX. CONCLUDING SESSION

19.   The Chairman felt that the Committee had very successfully
completed its deliberations with the cooperation of all.

In his concluding remarks, the Chairman thanked all the delegates
and representatives of international and regional organizations for their
cooperation. He particularly appreciated the assistance rendered and
hard work done by the two Vice Chairmen, Mr J Basu and Mr Sung-Hi Lee
who also chaired the working groups set up during the meeting. The Chairman

                                        ../thanked the

thanked the ESCAP for the facilities provided for holding the meeting and the Royal Government of Thailand for the hospitalities extended to the participants. He disclosed that he had personally written to the hosts of various social functions and thanked them.

The Chairman, on behalf of all delegations expressed appreciation of the work done by the Secretariat.

In conclusion he pointed out that next year, the attention of the whole world would go on telecommunications. He hoped that our initiative and other actions during the World Communication Year 1983 would be very successful.

19.1   The representative of Japan proposed a word of thanks on behalf of all delegations to the Chairman and the two Vice Chairmen for their initiative and guidance. He also joined the Chairman and thanked the Executive Director and the Secretariat.

19.2   The Executive Director, on behalf of the Secretariat thanked the delegates, the Chairman and the two Vice Chairmen for their appreciation and active cooperation. He also thanked the ESCAP, the ITU and the ICAO for their close cooperation and support to the Telecommunity.

19.3   The Chairman declared the meeting close.

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Annex I

LIST OF PARTICIPANTS

AFGHANISTAN

Representative   :   Mr Amirbake Jawan
                       Administration President
                       Ministry of Communications
                       KABUL, Afghanistan

AUSTRALIA

Representatives   :   Mr V J Kane, First Assistant Secretary
                        Department of Communications
                        P O Box 34, Belconnen
                        A.C.T. 2616, Australia

                        Mr J R R Cook, Assistant General Manager
                        Personnel and Administration
                        Overseas Telecommunications Commission Australia
                        Box 7000, GPO Sydney N.S.W. 2001, Australia

Alternate   :   Mr Lindsay T Cleary, 2nd Secretary
                  Embassy of Australia in Bangkok
                  37 South Sathorn Road, BANGKOK

BANGLADESH

Representative   :   Mr Muhammad Zamir, Charge de Affairs
                       Embassy of Bangladesh
                       No. 28, Soi 43, Sukhumvit Road, BANGKOK

CHINA

Representative   :   Mr Liu Ping Yuan, Deputy Director
                       External Affairs of Chinese Ministry
                       of Posts and Telecommunications
                       BEIJING, People's Republic of China

Deputy   :   Mr Chen Jun, Deputy Chief
Representative   International Telecommunications
                       Ministry of Posts and Telecommunications
                       BEIJING, People's Republic of China

INDIA

Representative   :   Mr J Basu, Deputy Director General
                       Posts and Telegraph Board
                       Dak Tar Bhavan, Parliament Street
                       New Delhi 110001, India

Alternates   :   Mr K C Katiyar, Director General
                        Overseas Communications Services
                        No. 53 New Marine Lines
                        Bombay, India

                        Mr A K M Chakankar, Assistant Permanent
                        Representative to ESCAP
                        Indian Embassy
                        No. 46, Soi 23, Sukhumvit Road
                        BANGKOK

JAPAN

Representative   :   Mr Kinji Matsuda
                        Director of International Cooperation
                        Ministry of Posts & Telecommunications
                        1-3 Kasumigaseki, Chiyoda ku,
                        TOKYO 100, Japan

Alternates   :   Mr Kenichi Fukaya
                        First Secretary and Deputy Permanent
                        Representative to ESCAP
                        Embassy of Japan
                        1674 New Petchburi Road, BANGKOK

                        Mr Kobo Inamura
                        First Secretary, Embassy of Japan in Bangkok
                        1674 New Petchburi Road, BANGKOK

Advisor   :   Mr Takayoshi Sakashita, Deputy Director
                        International Affairs Bureau
                        Nippon Telegraph and Telephone Public Corporation
                        1-6 Uchisaiwai-cho, 1 chome,
                        Chiyoda ku, TOKYO, Japan

MALDIVES

Representative   :   Mr Hassan Mahir, Director
                        Department of Posts and Telecommunications
                        MALE, Republic of Maldives

NEPAL

Representative   :   Mr B R Pandey, Deputy General Manager
                        Nepal Telecommunication Corporation
                        Singh Durbar, KATHMANDU, Nepal

PAKISTAN

Representative   :   Mr Javid Zafar, Commercial Counsellor
                        Embassy of Pakistan in Bangkok
                        No. 31 Soi Nana Nua, Sukhumvit Road, BANGKOK

PHILIPPINES

Representative   :   General C S Carreon, Commissioner
National Telecommunications Commission
Scout Reyes Corner, Panay Avenue
Quezon City, Republic of the Philippines

Alternates   :   Ms Kathleen G Heceta, Chief
Common Carriers Authorization Department
National Telecommunications Commission
Scout Reyes Corner, Panay Avenue
Quezon City, Republic of the Philippines

Mr Gaudencio S Del Rosario, Chief
Telecommunications Division
Ministry of Transportation and Communications
Republic of the Philippines

Mr Cesar Abigania, Manager
Rates and Tariffs
Globe MacKay Cable and Radio Corporation
669 UN Avenue, Ermita, Manila
Republic of the Philippines

Mr Antonio Ong, Manager
Tariff and Budget
Philippine Global Communications Inc.,
8755 Paseo de Roxas, Makati, Metro Manila
Republic of the Philippines

REPUBLIC OF KOREA

Representative   :   Mr Sung Hi, Lee
Director of International Cooperation Office
Ministry of Communications
SEOUL 110, Republic of Korea

Alternates   :   Mr Ro Chul, Kim
Director of Telecommunication Engineering Division
Telecommunicaiton Policy Bureau
Ministry of Communications
SEOUL 110, Republic of Korea

Mr Jae Whang, Song
Director of International Cooperation Department
Korea Telecommunication Authority
21-1, 1-KA, Chungmu-Ro, Chung-ku
SEOUL 100, Republic of Korea

Mr Seong Ho, Sohn
Manager of Cooperation Coordination
International Cooperation Department
Korea Telecommunication Authority
21-1, 1-KA, Chungmu-Ro, Chung-ku
SEOUL 100, Republic of Korea

SINGAPORE

Representative : Mr Ng Chee Meng
Assistant General Manager (Telephone Service)
Telecommunication Authority of Singapore
COMCENTRE, 31 Exeter Road, SINGAPORE 0923
Republic of Singapore

SRI LANKA

Representative : Mr P K Wickramarachi
Chief Engineer of Telecommunications
P & T Headquarters Building
COLOMBO 1, Sri Lanka

THAILAND

Representative : Mr Mahidol Chantrangkurn
Deputy Director General
Post and Telegraph Department
Soi Sailom, Phaholyothin Road
BANGKOK

Alternates Mr Sudhorn Limpisthien, Vice President
Communications Authority of Thailand
New Road, BANGKOK ·

Dr Paiboon Limpaphayom
Executive Engineer Grade 2
Assistant Director
Department of Operations
Telephone Organization of Thailand
Ploenchit Road, BANGKOK

Mr Kravud Kusuvarn, Director
International Services Division
Communications Authority of Thailand
New Raod, BNAGKOK

Mr Silpachai Bijayendrayodhin
Assistant Director, Planning Division
Post and Telegraph Department
Soi Sailom, Phaholyothin Road, BANGKOK

Mr Priti Hetrakul, Acting Director
International Telecommunications Division
Communications Authroity of Thailand
New Raod, BANGKOK

Mr Kanes Schmarakkul
Chief of Telecommunication Planning Section
Planning Division, Post and Telegraph Department
Soi Sailom, Phaholyothin Raod, BANGKOK

Mr Pensak Chalarak, First Secretary
Treaty and Legal Department
Ministry of Foreign Affairs, BANGKOK

Mrs Busba Bunnag, First Secretary
Department of International Organizations
Ministry of Foreign Affairs, BANGKOK

Miss Chirapa Chitraswang
Chief of Asia Pacific Telecommunications Section
International Services Division
Post and Telegraph Department
Soi Sailom, Phaholyothin Road, BANGKOK

VIETNAM

Representative   :   Dr Mai Liem Truc, Expert on Telecommunications
General Directorate of Posts and Telecommunications
18 Nguyen Du Street, HANOI
Socialist Republic of Vietnam

Alternate   :   Mrs Hoang Thi Ninh
Attache and Asst Permanent Representative of
Vietnam to ESCAP
Embassy of the Socialist Republic of Vietnam
83/1 Wireless Raod, BANGKOK

ASSOCIATE MEMBER

HONG KONG

Representative   :   Mr J A Povey, Assistant Postmaster General
(Telecommunications)
Hong Kong Post Office
Connaught Place, HONG KONG

Alternates   :   Mr David S K Wai
International Relations Manager
Cable & Wireless (HK) Ltd.
P O Box 597, 22 Fenwick Street, HONG KONG

Mr M W Skinner
Services Development Manager
Cable and Wireless (HK) Ltd.
P O Box 597, 22 Fenwick Street, HONG KONG

../Mrs Robertson

Mrs G M Robertson
International Finance Accountant
Hong Kong Telephone Co Ltd
P O Box 479, GPO
3/F Prince's Building, HONG KONG

AFFILIATE MEMBERS

Cable & Wireless   :   Mr David S K Wai
(HK) Ltd,   International Relations Manager
Hong Kong   Cable & Wireless (HK) Ltd
                          P O Box 579, 22 Fenwick Street, HONG KONG

                          Mr M W Skinner, Services Development Manager
                          Cable & Wireless (HK) Ltd
                          P O Box 597, 22 Fenwick Street, HONG KONG

Hong Kong   :   Mrs G M Robertson
Telephone Co Ltd,   International Finance Accountant
Hong Kong   Hong Kong Telephone Co Ltd
                          P O Box 479, GPO
                          3/F Prince's Building, HONG KONG

Kokusai Denshin   :   Mr Takazumit Hatanaka, Manager
Denwa Co Ltd,   ITU Technical Division
KDD, Japan   International Organizations Department
                          Kokusai Denshin Denwa Co Ltd
                          2-3, 2 chome, Nishi-shinjuku
                          Shinjuku-ku, TOKYO, Japan

                          Mr Hiroaki Komatsu, Assistant to Director
                          International Cooperation Department
                          Kokusai Denshin Denwa Co Ltd
                          2-3, 2 chome Nishi-Shinjuku
                          Shinjuku-ku, TOKYO Japan

                          Mr Daishichiro Iida, Director
                          KDD Bangkok Liaison Office
                          5th Floor, Thaniya Building
                          No. 62, Silom, Road, BANGKOK

                          Mr Keizo Hashimoto, Assistant Director
                          KDD Bangkok Liaison Office
                          5th Floor, Thaniya Building
                          No. 62, Silom Raod, BANGKOK

Nippon Telegraph   :   Mr Takayoshi Sakashita, Deputy Director
& Telephone   International Affairs Bureau
Public Corp.,   Nippon Telegraph & Telephone Public Corporation
NTT, Japan   1-6 Uchisaiwai-cho, 1 chome, Chiyoda ku,
                          TOKYO, Japan

../Mr Enomoto

Mr Hiroshi Enomoto, Director
Bangkok NTT Office
Room 805A Dusit Thani Building
Rama 4 Road, BANGKOK

Mr Iwao Kidokoro, Deputy Director
Bangkok NTT Office
Room 805A Dusit Thani Building
Rama 4 Road, BANGKOK

Mr Tatsuichi Hidaka
Director of NTT Jakarta Office
JAKARTA, Indonesia

Korea Telecom-   :   Mr Jae Whang Song
munication   Director of International Cooperation Department
Authority (KTA)   Korea Telecommunication Authority
Republic of Korea   21-1, 1-KA, Chungmu-Ro, Chung-ku
                           SEOUL 100, Republic of Korea

                           Mr Seong Ho Sohn, Manager
                           Cooperation Coordination
                           International Cooperation Department
                           Korea Telecommunication Authority
                           21-1, 1-KA, Chungmu-Ro, Chung-ku
                           SEOUL 100, Republic of Korea

Philippine Global   :   Mr Antonio Ong, Manager
Communications Inc   Tariff and Budget
(PHILCOM),   Philippine Global Communications Inc.,
Philippines   8755 Paseo de Roxas,
                          Makati, Metro Manila
                          Republic of the Philippines

Globe MacKay   :   Mr Cesar Abigania, Manager
Cable and Radio   Rates and Tariffs
Corporation (GMCR),   Globe MacKay Cable and Radio Corporation
Philippines   669 UN Avenue, Ermita, Manila
                          Republic of the Philippines

ESCAP

Economic & Social   :   Mr Haroon Ebni-Ali, Chief of Trnasport
Commission for   Communications & Tourism Division
Asia and the Pacific   ESCAP, UN Building
(ESCAP)   Rajdamnern Avenue, BANGKOK

                          Mr B P Daibagya, Economic Affairs Officer
                          Transport, Communications & Tourism Division
                          ESCAP, UN Building
                          Rajdamnern Avenue, BANGKOK

SPECIALIZED AGENCIES

International   : Mr M Aslam Ansari
Telecommunication   Technical Cooperation Department
Uniou (ITU)   ITU, Place des Nations,
                           CH-1211, Geneva
                           Switzerland

                           Mr R Seshasayee
                           Coordinator & Senior Regional Expert
                           ESCAP/ITU Unit, UN Building
                           Rajdamnern Avenue, BANGKOK

                           Mr M Anwar
                           ITU Regional Expert in Bangkok
                           ESCAP, UN Building
                           Rajdamnern Avenue, BANGKOK

International   : Mr J L Pierzga, Technical Officer
Civil Aviation   Communications ICAO Regional Office in Bangkok
Organization (ICAO)   Sala Santitham, BANGKOK

OTHER ORGANIZATIONS

British   : Mr Mike Jones
Telecommunication   International Relations Manager for
International (BTI)   Far East, British Telecommunication
                           International, Holborn Centre, 120 Holborn
                           London ECIN 2TE, United Kingdom

APT SECRETARIAT

Mr Boonchoo Phienpanij	:	Executive Director
Mr Takeo Hayashi	:	Deputy Executive Director
Mr Shabbir Ahmad	:	Project Engineer
Mr Amorn Supradit	:	Administrative Officer/Accountant
Mr Masataka Kawauchi	:	Programme Officer
Mr Yoshio Kurebayashi	:	Consultant
Miss Lilian Zin	:	Secretary
Mrs Eunice Gan-Roongchao	:	Secretary
Miss Darunee Yiengsubhanond	:	Accounting Clerk
Miss Lily Chua	:	Typist/Clerk
Miss Chomsurang Woravit	:	Typist/Clerk

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Annex II

THE ANNUAL REPORT ON THE WORK OF THE TELECOMMUNITY
FOR THE YEAR 1982, PRESENTED BY THE EXECUTIVE DIRECTOR

Mr. Chairman, Distinguished Representatives, Alternates and Advisers from membership of the Telecommunity, Representatives of International and Regional Organizations, Ladies and Gentlemen,

1.   I take this opportunity to extend warm welcome to the distinguished participants of the Sixth Session of the Management Committee and specially the delegates of Korea Telecommunication Authority who are participating for the first time. It is a pleasure for me to present the report on the activities of the Telecommunity during the year 1982 for your consideration and approval.

1.2   You will recall that in the last session of the Management Committee in November 1981, a five year programme of work for 1982-1986 was approved. The Management Committee had also approved budget for 1982 considering the contributions pledged for 1982-1984. I am giving a brief report on various activities of the Telecommunity during 1982 which was the third year after the establishment of the Organization in July 1979.

1.3   I am happy to report that appropriate action has been taken on almost all the activities of the programme of work approved for 1982 and a detailed account of each and every activity has been presented separately in working paper APT/MC-6/7.1&7.1REV. The approved programme for 1982 also identified priority for implementation of activities for which initially a budget of US$ 176,000 was allocated, with provisions for utilizing more funds, if available, for work programme.

1.4   The implementation was started accordingly. However after the contributions were received, the available funds were reviewed including the interest earned on bank deposits. It was found necessary to increase the work programme budget for 1982 and improve the work programme by utilizing additional funds. The revised budget for 1982 thus indicated possible utilization of US$ 259,000. Details are given in working paper APT/MC-6/8.2REV.1.

/1.5 It is...

1.5   It is noteworthy that within three years of its establishment,
the APT has been able to successfully implement various activities such as
intercountry project for technical assistance and other studies relating
to telecommunication developments in Inter and Intra Regional Telecommunication,
national network, and services, technological developments, intercountry
project on Improvement in Quality of Service, Intercountry project on
Signalling System, provision of short-term experts for development plans and
country projects, training of telecommunication personnel and promoting
technical cooperation and exchange programme among developing countries.

1.6   The APT Study Groups that were formed continued their study.
The seminars were organized to correlate planning, programming and provide
opportunities to review technological developments, focus attention on
various problems and evolve practical solutions and foster cooperation among
the membership.

2.   Work Programme Implementation

2.1   Inter & Intra Regional Activities

(a)   The Secretariat coordinated and collected progress of implementation
of terrestrial network, submarine cables, and satellite systems.

(b)   During the year the APT participated in two subregional coordination
meetings organized by ITU, i.e. between Laos and Thailand on 14 June 1982
at Bangkok and India-Pakistan coaxial cable link at Lahore, Pakistan on
7 to 8 September 1982.

(c)   For correlating operational arrangements and to facilitate gradual
automation of intra-regional network the APT initiated an intercountry project
concerning adoption of Compatible Signalling Systems in the region and
ten countries are participating in this project. First phase of the project
has been completed and an interim report is available. Second phase of the
project will be taken up early   1983.

2.2   National Network & Services

(a)   Activities concerning national network and services were mainly focussed on Rural Telecommunication and Improvement in Quality of Service. Information and various contributions concerning equipment and systems for rural telecommunication were disseminated.

(b)   Intercountry project for Improvement in Quality of Service has already commenced in one country and is expected to commence in another country during December 1982. This is an ongoing project to be continued in future years.

2.3   Technological Developments

(a)   The Secretariat obtained information on development of solar power and disseminated to member administrations and nominees of Study Group II.

Information related to various digital Switching System has been compiled and disseminated.

(b)   A Seminar on Satellite Communications in Asia Pacific Region was organized at Bangkok from 20 to 24 July 1982. 84 delegates from 16 countries of the region including Indonesia, and 5 International Organizations participated in the Seminar. Report of the Seminar is available. Recommendations made by this Seminar given in working paper APT/MC-6/6(b) are to be separately considered by the Management Committee in view of their implications on future work programme.

(c)   A short Seminar on Rural Telecommunication was also held during meeting of the Study Groups on 5th November 1982 which was attended by 47 participants from 20 administrations. Considering the importance of rural telecommunication, lot of work was done by Study Group II which was preceded by this Seminar. It is encouraging to note that Study Group II and Seminar have been able to recommend a definition of rural area considered appropriate for the region including standardisation of sub-primary PCM system for use in rural telecommunication.

/These

These recommendations of Study Group II and other recommendations of the Seminar have also to be considered for future work programme.

(d)   The Seminar on Network Digitalization in the region, has been rescheduled for 1 to 5 March 1983 in Hong Kong which was originally planned for October-November 1982.   This has been done on the suggestion of host, Hong Kong Telephone Company Limited.

2.4   Direct Technical Assistance Programme

Main thrust of the activities of the APT has been direct technical assistance programme by providing fellowship for training of telecommunication personnel, provision of short-term experts and programme of exchange of study visits by technical and managerial personnel among the countries of the region. Most of the additional fund was allocated for these activities in the increased budget for 1982 (see working paper APT/MC-6/8.2REV1) . Provision of short-term fellowships for attending seminars/workshops and Study Groups was also increased to enable greater participation. Full details of these activities implemented till 15 November 1982 and expected to be implemented during rest of the period are given in working paper APT/MC-6/7.1 & 7.1REV. However, I would like to give a summary of these activities as follows:

(a) Fellowships for Training

At first I would like to express my sincere gratitude and thanks to all the administrations who provided facilities for training in their training institutions without which the programme could not be implemented. So far 52 trainees (61.25 man-month) have been trained and 12 trainees (18 man-month) will be implemented in December 1982. Thus 64 trainees (79.25 man-month) will be realized during 1982.

This year we received requests for providing 550 man-month of training during 1982.   Even to utilize the funds available for training, lot of efforts has to be done for securing places in various training institutions and administrations as detailed below:

/We are...

(i) We are extremely thankful to Government of India for their offer to accept APT sponsored trainees in all the courses conducted by Advanced Level Telecommunication Training Centre, Ghaziabad. However, a training fee of Rs.800 (about US$90) per 4 week per trainee was charged, and till now, 34 trainees (30.5 man-month) have already taken training in ALTTC and another 3 trainees (2man-month) are planned during December 1982. Thus ALTTC has been the main institution for implementation of training programme of the APT. But recently we have been informed by India that training fee for ALTTC has been revised effective 18 October 1982 from Rs. 800 to Rs. 7200 per 4 week per trainee (about US$800). I have requested the Government of India to consider exempting APT sponsored trainees from training fee as in case of ITU sponsored trainees as a gesture of regional cooperation and as an extra-budgetary assistance to the APT. The APT has offered to bear direct cost on documents etc. However if this request is not favourably agreed, it will have effect on implementation of our training programme since the cost of training in ALTTC will be about US$2000 per 4 week per trainee compared to average cost of US$1200 per 4 week per trainee during this year.

(ii) Singapore offered 8 places for 7 courses to APT sponsored trainees. 5 trainees (12 man-month) have been trained and 2 trainees will be trained in December 1982/January 1983 (1.75 m/m). No training fee is charged.

(iii) Australia also offered to provide training/study facilities for 6 APT sponsored trainees. 4 trainees (5 man-month) have been trained and 2 trainees (3.5 man-month) will be trained in the December 1982/January 1983. No training fee is charged.

(iv) Japan provided training to 2 trainees (6man-month). The APT provided only airfare and all other costs were borne by Japan for which the APT is extremely grateful. One more trainee for 2.75 man-month has been accepted for course commencing January 1983.

/(v) Cable...

(v) Cable & Wireless (HK) Ltd. provided training to 4 trainees
(3 man-month) . No training fee is charged.

(vi) Malaysia provided facilities for training of 2 fellows.

(vii) Pakistan also offered training facilities for 12 trainees
(29 man-month) which is being lined up for implementation. No training fee.

(viii) Hong Kong Telephone Co Ltd also agreed to provide one place
in each course. No training fee is charged.

It may be noted that 10 developing member countries of APT
utilized the fellowships for training during 1982.

I have rather gone into more details as given above. But
considering the importance of this activity and the fact that about
45% of the total work programme budget is allocated to it, the item merits
serious consideration. As pointed out the main problem faced in the
implementation of training programme is availability of places for trainees
sponsored by the APT. It may be noted that except in case of ALTTC, India,
only limited facilities have been offered which are grossly inadequate to
meet the large request for training. Therefore, I appeal that all
administrations having facilities for training should provide much greater
number of places for APT sponsored trainees as a gesture for regional
cooperation.

(b)   Short-Term Fellowships for Seminar/Workshops & Study Groups

During the year the APT awarded 34 short-term fellowships.
17 for Seminar on Satellite Communication (20-24 July 1982) and 17 for Study
Groups & Short Seminar on Rural Telecommunication (1-6 November 1982).

(c)   Experts in the Field

(i) For 1982 the APT received request for providing 22 short-term
experts for about 70 man-month duration. Additional fund available was also
allocated for this item in the increased budget for work programme and
7 short-term experts for realizing 18.5 man-month of service have been selected.

/The experts...

The experts already accepted by recipient countries are expected to join in third week of December to complete their mission by March 1983. Considering the budget involved it is proposed that since these experts' missions have been committed, the entire expenditure should be shown against 1982 budget since experts for 1983 work programme will be selected separately to be borne against 1983 budget. Details are given in working paper APT/MC-6/7.1REV. Annex II. These experts have been assigned to 4 countries.

(ii) 5 experts for project activities A-4 & B-3 were also selected during the year 1982 realizing 18 man-month. One expert (6man-month) for signalling project completed first phase of mission, another expert for Quality of Service project has joined in October. Three experts for Quality of Service project in second country may join in third week of December 1982.

(iii) I would like to express thanks to Japan for providing services of two experts (6 man-month) for Improvement in Quality of Service project on non-reimbursable basis as extra-budgetary assistance. These two experts commenced their mission in October 1982.

Thus total experts in the field during 1982 was planned as 14 to realize 42.5 man-month of service compared to 17 man-month during 1981.

2.5   General Activities

(a)   A preliminary report concerning establishment of data base in the APT has been prepared in the Secretariat and is given as Annex III of working paper APT/MC-6/7.1.

(b)   Arrangement was made to coordinate any discussions within the membership to arrive at a common concensus in matters of importance during the plenipotentiary conference of ITU held recently in Nairobi. General C.S. Carreon, as President of APT, Mr. Sung-Hi Lee as Vice Chairman of the Management Committee,assisted by Australian delegation had volunteered to carryout this task.

/2.6 Work Programme...

2.6   Work Programme for the year 1983

In accordance with approved programme of work for 1982-86 and considering the availability of funds, the Secretariat has submitted proposed programme for the year 1983 as working paper APT/MC-6/7.2 REV. for consideration and approval of the Management Committee.

Care has been taken to utilize additional funds estimated to be available for work programme only and to keep the carry forward amount at the end of December 1983 to nearly the same as stipulated by the Management Committee during Fifth Session in November 1981. Indicative budget for the year 1984 has also been prepared in the same manner.

3.   Activities of Study Groups

The Study Groups I&II continued their studies. The Secretariat circulated the Study Questions formulated by Management Committee in November 1981 for Study during 1982. The Study Groups also studied and submitted contributions on items of Study decided by Study Groups in their first meeting in October 1981.

The contributions and information papers were properly documented and circulated by the Secretariat to all nominees of Study Groups I&II, all members, associate members and affiliate members. During the year 9 contributions were received from Study Group I and 41 contributions were received from Study Group II.

The Second Meeting of the Study Groups I&II was held at Bangkok from 1 to 6 November 1982. The Study Groups have clearly supplied answers to questions formulated by the Management Committee in November 1981, provided results of Study done in 1982 with Recommendations and also suggested future study programme for consideration of the Management Committee. The Report of the Study Groups is submitted as working paper APT/MC-6/6(a). The Management Committee is requested to consider these in order to coordinate the recommendations and work programme of APT as well as future study programme.

4.   Audited Accounts for the year 1981

Expenditure and audited accounts of the APT prepared by Auditors have been submitted in working paper APT/MC-6/8.1.

It is seen that total revenue during 1981 was US$435,951.66 against budgeted amount of US$422,500.00. The actual expenditure during 1981 was US$402,235.94 against budgeted amount of US$418,222.78 and thus excess of revenue over the expenditure during 1981 was US$33,715.72.

Balance brought forward, beginning of 1981 was US$293,066.88. Resulting in balance carried forward, end of the year 1981 (to beginning of 1982) was US$ 326,782.60.

5.   Revised Budget for the year 1982

The details of the revised budget for 1982 have been submitted in working paper APT/MC-6/8.2REV.1. The expenditure details cover upto the period of 15 November 1982. In view of availability of more funds due to the arrear contribution of Iran for 1980 & 1981, interest on bank deposits, and increased amount brought forward in January 1982, it was found necessary to reallocate and utilize the funds by increasing the work programme. Thus a mid-term review was done and compared to initial approved budget for work programme increased budget figures were prepared.

As explained in the review of work programme for 1982 (paper APT/MC-6/7.1&7.1REV) expenditure for experts(C-3) committed to join and accepted by recipient countries and shown as obligation would have to be charged to 1982 budget only even if part of it is actually paid in early 1983. This is necessary; otherwise amount carried forward in December 1982 will become very large and expenditure for C-3 experts during 1983 will also become large i.e. concerning work programme of 1982 and also for 1983.

Funds allotted for work programme are thus expected to be fully utilized with an excess expenditure of US$41700. Total fund expected to be utilized would be US$300,700 compared to increased budget of US$259,000 and original budget of US$176,000.   /This will...

This will result in 48% of total expenditure for work programme compared to estimated 39% during last session of the Management Committee.

6.   Budget Estimate for the year 1983 and
Indicative Budget for the year 1984

These estimations have been submitted in working paper APT/MC-6/8.3REV1. These are based on need to keep the amount carried forward in December to within the limit set by the Management Committee and thus utilize additional funds for work programme in accordance with directive of the General Assembly and the Management Committee.

No increase in number of staff in the Secretariat has been envisaged in any category. Increase in expenditure due to inflation has been accounted only for the components really affected; salaries and allowances have been calculated on actual basis.

With increasing work programme activities some increase in expenditure on administration is unavoidable. Expenditure concerning documentation of seminar/workshop and Study Group contributions and reports;and their dissemination will be clearly shown as a subhead under administration. This will account for most of the increase in expenditure on administration.

Budget proposed for 1983 envisages an expenditure of US$726,000 compared to US$576,000 anticipated in 1981. Expenditure on work programme in the proposed budget for 1983 is estimated to be US$395,000 compared to US$210,000 anticipated in 1981. The proposed budget for 1983 indicates that 54% of total expenditure will be allocated to work programme compared to 37% anticipated earlier. However amount to be carried forward in December 1983 is estimated to be US$216,652 as against US$197,000 anticipated earlier.

Indicative budget for 1984 has been prepared on the same consideration and the total expenditure proposed is US$783,000 compared to US$628,000 anticipated in 1981. Budget for work programme in 1984 has been indicated

/as US$...

as US$421,000 compared to US$217,000 anticipated in 1981. Percentage of budget allocated for work programme is estimated to be 54% for 1984 also as against 35% anticipated earlier.

The amount carried forward in December 1984 is estimated to be US$111,919 as against US$147,000 anticipated in 1981.

7. Contributions

Total pledged contributions for the year 1982 is US$502,700 at US$3300 per unit for 152.33 units. During 1982, Iran paid arrear contributions of US$50,000. for 1980-1981 at US$ 2500 for 10 units. However, for the year 1982, Iran has pledged only one unit. During the year, Korea Telecommunication Authority (KTA) joined the Telecommunity as Affiliate Member and pledged 2 units.

I am happy to report that contributions for 1982 have been received from all except Iran, Nauru and Nepal thus US$8250. only is outstanding. Total contribution pledged for 1982 and arrears of Iran already received amounted to US$522,700. Details have been given in working paper APT/MC-6/8.2REV.1 Annex I and Annex II.

8. Membership

I am happy to report that Korea Telecommunication Authority (KTA) has joined the APT as affiliate member during the year 1982.

Efforts are continuing for improving the membership.

9. Agreement with Members and other International and Regional Organizations

9.1 Agreement on Privileges and Immunities

This concerns Article 12 Paragraph 3 of the Constitution. There has been no change in this regard during 1982. As reported in 1981, 11 members and associate members have already accorded APT and its officials the same privileges and immunities as provided in the UN Convention of 1946.

Vietnam and Australia have also issued their agreements (details given in working paper APT/MC-6/9.2).

However 8 members i.e. Burma, India, Japan, Malaysia, Nauru, Nepal,
/Philippines...

Philippines and Singapore have not yet made any decision so far.

9.2   Agreement with INTELSAT

The General Assembly of the APT in its second session held in November 1981 had approved the Memorandum of Understanding between APT and the International Telecommunication Satellite Organization (INTELSAT) which was already approved by the Board of Governors of INTELSAT.

The INTELSAT Assembly of Parties, at its seventh ordinary meeting in October 1982 approved the Memorandum of Understanding executed between APT and INTELSAT on 22 January 1982. Thus formal relations are now established between INTELSAT and APT.

9.3   Headquarters Agreement

In response to Draft Headquarters Agreement submitted by APT in July 1980, a revised Draft was received from the Government of Thailand on 15 June 1982. The Draft contains certain departures and omissions which are important and would affect the function of the organization. Advice of our legal adviser has also been sought. The details are submitted in our working paper APT/MC-6/9.1.

The Secretariat proposes to submit another draft indicating our agreement to some amendments while insisting on basic and important points for reconsideration of the Government of Thailand.

Till a satisfactory draft is mutually agreed by APT and the Government of Thailand, the APT would continue to be covered by the Royal decree which provides similar facilities to the APT as other United Nations agencies and organizations having headquarters in Thailand.

10.   Participation in Conferences & Meetings

During the year 1982 the APT participated in 6 meetings/conferences organized by ITU and one by ESCAP which are as follows:

(i) The APT was represented in two subregional coordination meetings

organized by ITU at Bangkok and Lahore, Pakistan respectively.

(ii)The APT...

(ii) The APT participated in Conference cum Seminar organized by the ITU in January 1982 at Bangkok.

(iii) The APT participated in the XVth Plenary Assembly of CCIR at Geneva in February 1982.

(iv) The APT also participated in Regional Plan Committee Meeting and also the Meeting of TAS Group held in Manila, Philippines in February 1982.

(v) The APT also attend the 38th session of ESCAP in March 1982 at Bangkok.

11. Consultative Committee on Coordination

The Consultative Committee for Coordination met in the conference room of the APT Secretariat on 30th November 1982. The recommendations and report of the Consultative Committee for Coordination is given in working paper APT/MC-6/5 which will be considered under relevant agenda by the Management Committee.

12. Ladies and Gentlemen, I thank you all for the patience while I presented details of the work done by the APT during the year. I am sure you would have noticed that steadily the work and scope of the activities of your organization has been increasing to fulfil the objectives for which this regional forum was established. I am sure with the cooperation of the membership the activities of the APT will continue to grow.

Considering the long-term projects and enlarged work programmes covering timeframe of 5 years that may be planned and implemented, I would like to suggest that the term of office of the Executive Director and the Deputy Executive Director could be increased, more appropriately, to 5 years with no second term instead of 3 years as at present with provision of a second term.

13. Strengthening of Budgetary Basis of the APT

The General Assembly in its Second Session held in November 1981

/had directed...

had directed the Executive Director to make more efforts and take all possible
steps to realize extra-budgetary contributions from other sources including
UNDP and non-member countries.

In view of the directive, I personally met with the Ambassadors
in Thailand of those member administrations who are represented in the
Governing Council of UNDP and requested them to take up this matter.
I explained the situation and suggested that their administrations may
impress upon the UNDP that the APT should also be recognized as one
of their implementing agency for telecommunication projects in this region.
I feel that in addition to such efforts by the Secretariat, the Management
Committee may urge all member administrations to address UNDP on these lines
with copy to the Secretariat to follow up the matter. If the member
administrations intimate UNDP that they would like the APT also to be
implementing agency for their country projects or intercountry projects,
it would be easier for UNDP to assist the APT.

14.   Before I conclude my report, I must express my thanks to all the
members, associate members and affiliate members for active cooperation
and assistance rendered to me and the Secretariat in implementing the
work programme.

I would like to express grateful thanks to the Executive Secretary
of ESCAP and his staff for all the assistance and facilities provided to APT.
We are extremely thankful to the ITU and particularly to the Regional
Coordinator ESCAP/ITU Unit for their close cooperation and assistance and
support to this regional telecommunication organization.

Our thanks are also due to other Regional and International
Organizations like Asia Pacific Broadcasting Union (ABU), International Civil
Aviation Organization (ICAO) and United Nations Educational, Scientific and
Cultural Organization (UNESCO) for participating and contributing to the success
of our meetings.

/I am...

I am thankful to the President of APT and the Chairman of the
Management Committee for their assistance in the discharge of my duties.

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ANNEX III

STATEMENTS BY INTERNATIONAL AND REGIONAL ORGANIZATIONS

STATEMENT BY MR HAROON EBNI-ALI
THE UNITED NATIONS ECONOMIC AND SOCIAL COMMISSION FOR
ASIA AND THE PACIFIC

Mr Chairman, Mr Executive Director, Distinguished Representatives, Ladies and Gentlemen,

It gives me great pleasure to participate in the 6th Session of the Management Committee of the Asia Pacific Telecommunity. ESCAP has a great interest in the activities of the APT, a regional organization with close ties with ESCAP. We in ESCAP have been closely watching the progress of the Tele-community, ever since its inception, and it is most encouraging to see the progress being made by the APT under the able guidance or Mr Boonchoo Phienpanij, Executive Director of APT.

ESCAP attaches great importance to the role of telecommunications in the economic and social development of the region. As you are aware, Mr Chairman, almost 80% of our population live in rural areas and governments have stupendous taks in improving the social and economic conditions of a large segment of their population. Communications in the rural areas is one of the most essential ingredient to the integrated rural development to bring such areas into the main stream of economic activities. The traditional methods of communication transmission has a high cost factor that increases with distance which did not enable many of the countries to provide telecommunication services to the rural areas in view of other competing demands on scarce resources of the developing countries. However, today, we are blessed with the advantage of satellite communications technology whose transmission costs are insensitive to distance, and which, apart from being within the reach of developing countries, also provides the possibility of making telecommunication services available to the rural areas.

ESCAP has been promoting integrated rural development and telecommunications services will play an important role therein. We look forward to starting a joint activity with APT in respect of rural telecommunications.

Mr Chairman, recognizing the importance of development of communications infrastructures in the developing countries, United Nations General Assembly has declared 1983 as the World Communication Year. We are confident that APT

would programme specific activities in the furtherance of the aims of this declaration, in co-operation with ITU, the lead agency for the programme. ESCAP would, within its resources, do utmost to contribute its part to attain the objectives of the World Communications Year.

Mr Chairman, I would like to inform the meeting that ESCAP jointly with EDI of the World Bank, will be organizaing in 1983 a seminar on Telecommunications in close co-operation with ITU and APT.

One more point I may like to metnion is the promotion of TCDC activities in the field of telecommunications which will lead to effective technical and economic co-operation among developing countries (TCDS and ECDC) to develop collective self-reliance in this field. We also note with interest the developments taken place in the South East Asia forum, assigning due priority in the work programme for telecommunications.

I would like to assure you, Mr Chairman, that ESCAP will continue its closest co-operation with the ITU and APT and is ready to render all possible assistance to further the development of telecommunications in the region, which we consider an essential infrastructure for socio-economic development. Let me, in conclusion, wish you a successful meeting.

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STATEMENT BY M A ANSARI, INTERNATIONAL TELECOMMUNICATION UNION

Mr Chairman, distinguished participants, Ladies and Gentlemen,

It gives me great pleasure to participate, on behalf of the International Telecommunication Union, in the sixth session of the Management Committee of the Asia Pacific Telecommurity. At the outset let me extend to you the greetings and good wishes to Mr M Mili, Secretary General, and Mr R E Butler, Secretary General Elect, who will be taking office shortly.

The ITU has had a close understanding and collaboration with the APT since it was established in 1979. The Management Committee of the APT, in particular has provided an extremely useful forum for collective consideration, consultation and evaluation of priorities and programmes for technical cooperation activities in Asia. The ITU, therefore sincerely hopes that the views expressed by the telecommunication authorities at this forum will go a long way in raising the effectiveness of APT's work programme, both in terms of content and quality. ITU also hopes that the deliberations of this meeting

../will be

will be equally useful to the Union in evolving its own activities to respond to current needs in various sectors of telecommunications.

For me, personally, it is a great honour to have the opportunity to join the deliberations of the Management Committee once again. Apart from stimulating ideas, the discussion at the Committee have enabled me to look at the activities of the APT with a better perspective and appreciate its achievements, not only in terms of its current programmes, but also in the context of its wider role to foster policies for development of telecommunications services in the region.

The telecommunication situation in Asia is changing rapidly. Telecommunications are now regarded as an integral part of the total development strategy and, apart from its traditional applications, more and more attention is given to sophisticated applications through the judicious choice of new technologies. Another encouraging sign on the Asian scene is the emergence of sub-regional groupings at the political level in South East Asia and South Asia, as well as in other areas. These groupings are not only opening new avenues for cooperation, but also opportunities for practical applications of TCDC and ECDC approach in the cooperative development of telecommunication networks and services. These are important developments, and the agencies responsible for providing development support in Asia need to take due account of these facts in formulating their future activities.

I would like to take this opportunity to give a breif overview of UNDP/ITU's programme for technical cooperation in Asia and, in the process, to indicate the relevance of this programme in the light of the prevailing development situation in the countries of the region. The activities of the ITU have been progressively evolved to respond to the needs of developing countries within the limits of its resources. The on-going programme, which has been recently re-oriented within the framework of the United Nations Development Programme, for the third programming cycle, is geared to support the development of telecommunication systems, improve the efficiency of services, and to produce trained manpower to undertake these activities. At the country level, the programme is designed to cover a variety of areas such as manpower development, network development in its various aspects, including planning, maintenance and operation, research and development, feasibility and pre-investment studies and organization and management.

At the regional level, three new projects will commence in 1983. These are rural telecommunications, telecommunication maintenance, and satellite training for ASEAN countries. ITU expects some addtion to this programme after the Aid Coordinators' meeting - MAC II, which is scheduled to be held in Indonesia in September/October 1983.

For more than a decade the main thrust of ITU's technical cooperation activities at the regional level in Asia has been the development of a regional telecommunication network. The pre-investment studies for the establishment of a wide-band telecommunication network was the first major step in this direction which was undertaken in the early seventies. Since then the ITU, in collaboration with some sixteen countries of the region, has been engaged in providing assistance in the implementation of this network. ITU is happy to see that many segments of this network are already operational, though progress in certain areas has been slow and some of the routes are yet to be implemented. There is now a need to update and modernize the network with the application of high-quality submarine cable and satellite links as recommended by the ITU Regional Conference held in January 1982. These activities call for substantial resources. As the UNDP/ITU support for development of Asian Telecommunication Network, which was hitherto provided through the regional project RAS/75/051, will terminate in December 1982, it is necessary that the countries participating in this programme set up their own coordinating mechanism to carry on this work on the principle of self reliance. ITU hopes that the sub-regional groupings in South Asia and South East Asia will provide effective forums to undertake this responsibility.

As you are aware, UNDP has decided to hold a roundtable meeting of the donor countries in May 1983 to mobilize support for an accelerated development programme in the least developed countries of Asia and the Pacific. To facilitate the consideration of the programme for the telecommunication sector, the ITU has already undertaken sectoral studies, with financial assistance by UNDP, in Afghanistan, Lao, Maldives, and Samoa, and has prepared telecommunication project profiles for the consideration by the respective Governments for presentation to this meeting. ITU believes that the presentation of these project profiles by the LDC countries will lead to the emergence of a meaningful programme for the development of telecommunications in these countries.

One of the major activities undertaken by the ITU in 1982 was the Regional Conference on Development and Management of Telecommunications which was held in Bangkok in collaboration with ESCAP and the Government of Thailand

../under the

under the umbrella of UNDP/ITU regional project (RAS/75/051) Development of
Telecommunications in Asia. As you know, the Conference dealt with five key
issues of regional interest, and made a number of important recommendations
concerning resource mobilization, manpower development, telecommunication
development, maintanenance operation and management. It recommended setting up
task forces to undertake specific studies on tariff structure, signalling
standardization and satellite applications. Some of these activities are
likely to have a bearing on the APT's work programme for 1982-86, and it is
necessary that the Management Committee looks into the possibility of initiating
action on their early implementation, as far as possible.

The UN General Assembly has proclaimed 1983 as the World Communication
Year (WCY) with ITU as the lead agency responsible for coordinating the inter-
organizational aspects of the programmes and activities of other agencies.
Recognizing that the basic objectives of this World Communications Year were to
provide the opportunity for all countries to undertake an in-depth review
and analysis of their policies on communication development, and to stimulate
the development of communication infrastrucutre, the ITU Plenipotentiary
Conference recently held in Nairobi, appealed to the Members of the Union to
participate in the programme activity. As part of the WCY.Programme, the
Conference resolved to establish an independent international Commission for
world-wide development of telecommunications. ITU believes that these activi-
ties will have far-reaching effects on telecommunications development in Asia
as well as in other regions of the world.

In conclusion, I would like to reiterate ITU's desire for close under-
standing with the APT, especially to avoid uplication of efforts. In this spirit
ITU looks forward to a stimulating collaboration with the APT, as well as with
its member countries in the region.

Thank you.

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STATEMENT BY MR J L PIERZGA, INTERNATIONAL CIVIL AVIATION ORGANIZATION

Mr Chairman, Executive Director of APT, Distinguished Delegates,
Ladies and Gentlemen, on behalf of the International Civil Aviation Organization,
I would like to express my appreciation for this opportunity to participate in
this session of the Meeting of the Management Committee of the APT.

../The safety

The safety and efficiency of air transportation is directly affected by the quality fna reliability of point to point communications. Initially in aviation, point to point communication was provided by simple high frequency radio circuits of limited performance. The performance of these circuits was improved by using frequency diversity, space diversity, message coding, message error correction and other techniques. However because of the characteristics of high frequency radio propagation, improving the quality and reliability of communications to consistently meet the high performance levels required for flight safety communication became impractical. Consequently, aviation sought other means for point to point communications. Microwave, landline, submarine cable and satellite services provided certain advantages and are not severely limited by radio propagation. Therefore, a concerted effort was initiated by ICAO to urge civil aviation authorities to wherever possible transfer high frequency point to point circuits to these new services. This transfer has been underway for some time and most point to point circuits no longer use high frequency radio services. Aeronautical point to point no longer use high frequency radio services. Aeronautical point to point communications and consequently flight safety now rely almost totally on services provided by PTT authorities.

Through the use of common carrier services, aeronautical point to point communications has improved significantly in most areas of the Asia and Pacific. However, sub-standard performance of common carrier circuits in the Asia west of Thailand continue to be one of the most significant factors affecting safe and efficient air transportation in the region.

ICAO is of the opinion that aeronautical communications, because of flight safety implications, must be given preferential consideration in terms of quality of service and reliability throughout the entire region. With this in mind ICAO would be most grateful if the Management Committee would recommend that APT conduct a study to determine and confirm the level of priority being provided by PTT Authorities to civil aviation communication in States in the Region with a special emphasis on the area west of Thailand. Thank you, Mr Chairman.

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ANNEX IV

REPORT OF THE CONSULTATIVE COMMITTEE
FOR COORDINATION

1. Introduction

1.1 The Annual Meeting of the Consultative Committee for Co-ordination for the year 1982 was held in the Conference Room of the APT Secretariat, in Bangkok on 30 November 1982.

1.2 The Meeting was chaired by Mr J R R Cook, Chairman of the Management Committee and attended by the Executive Director of the Asia Pacific Telecommunity as Secretary of the Consultative Committee for Co-ordination.

2. Attendance

2.1 The Meeting was attended by the representatives of the following international organizations :

International Telecommunication Union (ITU) and
International Civil Aviation Organization (ICAO)

2.2 The two Vice Chairmen of the Management Committee and the Deputy Executive Director also attended the Meeting.

2.3 A list of participants is given in Appendix 1.

3. Proceedings of the Meeting

3.1 The Chairman, Mr J R R Cook welcomed the representatives of the International Organizations. He expressed the opinion that during the year the APT has very successfully implemented various activities. He particularly referred to very successful Seminars and Study Group Meetings organized during 1982.

Mr Cook pointed out that in this meeting we have to consider the proposed work programme of the APT for 1983 and also UNDP/ITU programme and projects in Asia Pacific, 1982-86 received from ITU.

3.2 Adoption of Agenda

The following agenda was adopted

1. Opening of the Meeting by the Chairman of the Management Committee
   of the Asia Pacific Telecommunity

../2. Presentation

2. Presentation of Proposed Work Programme and Activities of the
   APT (1982-86) and particularly for 1983

3. Presentation of Programme of ITU for Asia Pacific Region for 1982-86
   Programme Cycle and particularly for 1983

4. Suggestions and Comments on Work Programmes by other International
   and Regional Organizations, including offer of any assistance

5. Discussions and Coordination of Work Programme

6. Recommendations and Report for Consideration of the
   Management Committee

Work Programme and Activities of APT during 1983

3.3   The Chairman invited the Executive Director to introduce the Secretariat
Paper No. APT/MC-6/7.2 REV 1.

The Executive Director informed that the Management Committee in its 5th
Session held in November 1981 had approved five year programme of work for 1982-
1986 programme cycle. However, this was subject to review and subsequent
approval by the Management Committee every year. The proposed work programme
of the APT for 1983 basically forms part of the five year programme. The
Executive Director introduced each activity proposed and its priority indicating
any changes made. He also indicated the budget requirements for each activity
proposed.

3.4   The Chairman invited comments on the work programme proposed by the APT.

Mr Sung Hi Lee, Vice Chairman, expressed that it is preferable to have
a rolling work programme for five years, thus indicating programmes by working
group for work programme during the meeting of the Management Committee.

3.5   UNDP/ITU Programme and Projects, 1982-1986

The Chairman next invited the representative of ITU to introduce UNDP/
ITU Programme and Projects in Asia and Pacific 1982-1986.

Mr M A Ansari thanked the Chairman and the Secretariat for inviting ITU
to participate in the Consultative Committee Meeting which gives an opportunity
to know what are the activities of the APT and ITU in this region. Currently

the ITU was implementing third cycle of the UNDP Programme covering on-going and some new activities to be undertaken in the Asia Pacific region. He pointed out that the document gives the position as it stands today and certain activities are yet to be finalized for this cycle. Other activities of ITU such as work of permanent organs and regular programmes are not reflected in this document. The ITU/UNDP Programme for 1983 consists of 11 inter-country projects which include on-going and 3 new activities expected to commence in 1983. The document also refer to 34 ITU/UNDP country projects.

A few major activities undertaken by ITU during 1982 were :

(i)   Regional Conference cum Seminar - ITU hoped that recommendation concerning APT would be kept in view while finalizing programme

(ii)   Plenipotentiary Conference in Nairobi - Referring to the resolution of the ITU Plenipotentiary Conference, held in Nairobi, the ITU representative referred to the following major recommendations, which are designed to improve the effectiveness of ITU's technical cooperation activities

(a) Decision to set up a special voluntary programme for Technical Cooperation

(b) Decision to set up an independent International Commission for world-wide Telecommunication Development

(c) Decision to undertake studies with a view to strengthening ITU's regional regional presence

These steps would foster development of telecommunications in the region with increasing input from member countries.

3.7   Mr J Basu, Vice Chairman requested the representative of ITU to elaborate on the above referred activities.

Mr Ansari clarified that these had been referred to in a resolution which indicated the broad guidelines. However, details would have to be worked out by the Administrative Council of the ITU in its next meeting and only then actual position would be clear.

Report of APT Study Groups

3.8   The Chairman requested the Executive Director to introduce the report of the Study Groups.

../The Executive

The Executive Director explained the work done by the two Study Groups during 1982 with reference to the decisions taken in the first meeting of the Study Groups in October 1981 and questions formulated by the Management Committee in November 1981. The second meeting of the Study Groups was held in Bangkok from 1 to 6 November 1982. Report of the Study Groups APT/SGI&II-2/82 was introduced by the Executive Director. Nine contributions were received by Study Group II out of which 10 contributions were for Seminar on Rural Telecommunications.

3.9   The Executive Director briefly pointed out Recommendations and future programme of Study Group I and Study Group II. These recommendations have direct bearing on work programme of the APT. Study Group I has mainly recommended continuation of studies concerning Implementation of Agreed Network, Tariffs, Compatible Signalling System, regional database, etc. The Study Group II was mainly concerned with Improvement in Quality of Service in national network and development of Rural Telecommunications.

It was pointed out that the Study Group II has recommended a definition of rural areas and standard sub-primary PCM system for use in rural telecommunication in the region for approval by the Management Committee.

4.   Suggestions and Comments on APT & ITU Work Programme

4.1   The Chairman, at this point invited discussion and comments on work programme of APT and ITU including the activities of APT Study Groups.

4.2   Mr R Seshasayee of ITU wanted clarification on traffic data being collected by Study Group I, i.e. whether the data format was in line with ITU format and whether action is being taken to update it.

Mr Cook, briefly gave the details of his discussions with concerned officials in ITU headquarters, Geneva, about transfer of data base in the region.

However Mr Seshasayee expressed that it is most appropriate that data base concerning this region is located within the region. He felt that total volume of data may be handled by the mini computer which the APT already has.

Mr Seshasayee also remarked that instead of three months period, the data might be collected annually only.

The Executive Director replied that we are using the same format for collection of data which was adopted by Regional Plan, Committee of CCITT. However, the Study Group I has proposed submission of data separately for each transmission media route-wise to provide for the planning information for the optimum utilization of the network.

4.3   Mr Pierzga of ICAO informed that recently they had used the computer of
ESCAP for certain simulation and he understands that computer is under-
utilized. He referred to the possibility of utilizing this for data base.

The Chairman expressed that the ESCAP had some facilities but it was
yet to be examined that how compatible it was with the Siemens Computer which
ITU has.

4.4   The Chairman Mr Cook enquired if there was any basic conflict or overlap
of programme of work between APT and ITU for the region. He also invited
comments on the proposed programme of APT in 1983 concerning World Communica-
tions Year. He clarified that the Convention proposed to be held in Tokyo
has been changed to September 1983 instead of October 1983.

Mr Ansari of ITU pointed out that concerning programme for World
Communication Year 1983, national committees have been formed. He also
expressed hope that national committees of Japan must be getting in touch
with ITU Headquarters.

The Executive Director clarified that after the proposed programme is
approved by the Management Committee it will be registered with ITU.

4.5   Mr J Basu, Vice Chairman, wanted to know some details of the Maintenance
Project being taken up by ITU and its present stage. Mr M Anwar of ITU
briefly introduced the project giving development objectives, and five broad
areas of activities as follows :

(i)   Setting up task force of experts volunteered by participating
administration in which ITU will bear travel cost and per diem while
the salary will continue to be borne by respective administrations of
the experts when the experts will be required to go to other countries
requesting for assistance

(ii)   Fellowships for training

(iii)   To develop an arrangement for supply of spares to less developed
countries specially for step by step exchanges by the more developed
of the developing countries in the region who may have replaced similar
systems by electronic or other systems

(iv)   Group Training or Workshops for establishing common maintenance
needs and setting up targets/standards for improvement in Quality of
Service. Another workshop to review the progress of the project and
future plans of action.

(v)   The other activity of the project is to provide short-term consultancy services to the developing countries who may be facing maintenance and operational problems as a result of the introduction of new technology as electronicexchanges, optic fibres etc in the existing network.

Mr Basu also enquired about the proposed level of funding and time frame of this project.

Mr Anwar informed that the UNDP resources for this project are limited to US$500,000 and the project is planned to be implemented in 2 years, i.e. 1983 and 1984. He further informed that since the project is designed on the basis of TCDC the resources are expected to be supplemented by inputs by more developed countries in the region.

4.6   Mr J L Pierzga of International Civil Aviation Organization expressed that he would like to describe some of the activities of ICAO which are having bearing on work programme.

He briefly described work of the Regional Aeronautical Navigation Planning Meeting scheduled for January 1983. Mr Pierzga expressed that ICAO uses the PTT services for point to point communication. He informed that there is going to be very close re-examination of our use of common carrier networks to restructure the Aeronautical Fixed Telecommunication Network. He expressed that ICAO does keep abreast with commissioning of new systems. However, they would like to know more details of various development and implementation plans in the region.

The Chairman agreed this merited consideration.

4.7   Mr Ansari of ITU said that since the documents have been received today only, he would like to offer comments during the meeting of the Management Committee.

The Chairman felt that comments could be included in the statement to be made on behalf of ITU in the Management Committee.

5.   Recommendations of Consultative Committee

With above referred observations and comments of various organizations present, the Consultative Committee for Co-ordination recommends consideration of the work programme of APT contained in document APT/MC-6/7.2 REV.1 and recommendations of Study Groups by the Management Committee.

                                                        ../6. Closing

6.   Closing of the Meeting

The Chairman thanked all the representatives for their cooperation and expressed joy that no difficulties were found in coordination of our programme. He hoped that the good relationship between APT and ITU and other International Organizations will continue and grow.

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LIST OF PARTICIPANTS

International Telecommunication   :   Mr M A Ansari, Engineer Technical
Union (ITU)   Cooperation Department, ITU
                                          Place des Nations, CH-1211 Geneva 20
                                          Switzerland

                                          Mr R Seshasayee, Coordinator and
                                          Senior Regional Expert, ESCAP/ITU Unit
                                          United Nations Building, Rajdamnern Avenue
                                          Bangkok

                                          Mr M Anwar, ITU Regional Expert in
                                          Bangkok, ESCAP/ITU Unit, United Nations
                                          Building, Rajdamnern Avenue, Bangkok

International Civil Aviation   :   Mr J L Pierzga, Technical Officer,
Organization (ICAO)   Communications, ICAO Regional Office in
                                          Bangkok, Sala Santitham, Bangkok

                                          Mr K P Rimal, Technical Officer
                                          Communications, ICAO Regional Office
                                          in Bangkok, Sala Santitham, Bangkok

Chairman, Management Committee   :   Mr J R R Cook, Assistant General Manager
                                          Personnel and Administration
                                          Overseas Telecommunications Commission
                                          (Australia), Box 7000, GPO
                                          Sydney N.S.W. 2001

Vice Chairmen, Management   :   Mr J Basu, Deputy Director General
Committee   Post and Telegraph Board, Dak Tar Bhavan
                                          Parliament Street, New Delhi 110001

                                          Mr Sung Hi Lee, Director of
                                          International Cooperation Office
                                          Ministry of Communications, Seoul 110

Secretariat   :   Mr Boonchoo Phienpanij, Executive Director
                                          Asia Pacific Telecommunity, Bangkok

                                          Mr. Takeo Hayashi, Deputy Executive Director
                                          Asia Pacific Telecommunity, Bangkok

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Annex V

REVIEW OF THE WORK PROGRAMME FOR THE YEAR 1982

During the year 1982, the programme activities implemented by the APT were in conformity with the five year work programme (1982-1986) approved by the Management Committee in its Fifth Session held in November 1981.

The Telecommunity has undertaken projects for technical assistance and other studies relating to telecommunication developments in inter and intra regional telecommunication, national networks and services, technological developments and transfer of technology, regional projects on maintenance and improvement in quality of service, regional project on signalling systems provision of short term technical experts for development plans and country projects, training of telecommunication personnel, promoting technical cooperation and exchange programme among developing countries. The APT formed study gróups for various activities, seminars organized to coorelate planning, programming and provide opportunities to review technological developments and encourage improvement and development of telecommunication in the region.

The programme for 1982 identified key activities with the estimate of required expenditure. Priority classification was also indicated for each activity. Initially only US$ 176,000 was allocated in the budget for work programme with provisions for utilizing more funds if these become available.

The implementation of programme for 1982 was therefore started immediately after approval by the Management Committee, considering the priorities and budgetary allocation. The Secretariat had anticipated that main thrust of activities would continue to be in the implementation of direct technical assistance programme and therefore advance action was initiated in October 1981, enquiring requirements for training, exchange programme and short term experts needed during 1982.

The revised budget for work programme for 1982 indicates possible utilization of US$ 208,800. The increased budget for work programme for 1982 was prepared in accordance with directive given by the General Assembly and the

/Management...

Management Committee for utilization of additional funds that may become available. The details are given in Document APT/MC-6/8.2. However, such re-allocation of funds was possible only in the second half of the year and therefore expenditure is actually planned to be incurred in the last quarter of the year 1982. Additional funds are to be mostly utilized for augmenting direct technical assistance programme. Appropriate action has been taken for implementation of various Key Activities of the Work Programme for 1982 and is detailed below :

A.   Inter and Intra Regional Activities

Activity A-1

(a) Necessary formats for submission of progress and status of agreed regional network under implementation was issued to membership administrations and Study Group I nominees. Replies from only five administrations have been received till now. However, the Secretariat is continuously pursuing this.

(b) The matter was included in the questions to be studied by the Study Group I and subsequent discussings during Study Group I Meeting to be held in November 1982. So far no contribution has been received from any administration inspite of best efforts of the Secretariat.

In relation to this activity it may be noted that presently all sub-regional and regional coordination meetings for ATN are organized by ITU. The APT is invited to participate only as an observer. In these meetings, operational and maintenance arrangements and related problems are also considered and coordinated, which were expected to be the responsibility of APT.

It is felt by the Secretariat that there is a clear need to establish procedures and clarify details for implementation to this important item eliminating overlaping responsibilities. The following may be considered :

> (i) Agreed networks falling in the scope of this activity may be
> clearly identified. So far except ATN, no other network has
> been identified. Reference is also invited to Paragraph 4 of
> Guidelines issued by the General Assembly in its Second
> Session held in November 1981.

/(ii)

(ii)   Concerning ATN, unless APT member administrations participating
       in the coordination meetings clearly identify actions to be
       taken and role to be played by APT, our participation as an
       observer is very limited.

(iii) After identifying other agreed networks, it may be clearly
       decided what matters will be coordinated by APT and ITU
       respectively and whether there is need for joint efforts of
       our common membership.

Activity A-2

It is found that work on tariffs conducted by CCITT Study Group III
is quite comprehensive. Tariff Group for Asia also met in Manila, the
Philippines, from 10-13 February 1982. Based on studies done by the APT
Secretariat an information document was contributed to the meeting concerning
"Inquiry into the Accounting Rates applied in Telephone, Telex and Telegram
relations between member administrations of APT and proposals in view of that."
A copy of the document is available.

The TAS group adopted to continue using synthetic method. Cost
studies with a view to establishing proper accounting rates by analytic method
for different telecommunication services in the region is one of the important
areas not covered by the programme of TAS group. It is recognized that cost
analysis is comparatively difficult and involves a lot of work. But a beginning
may be made in this direction by collecting and disseminating information that
would be necessary to take up cost studies needed for adopting analytic
method with the cooperation of the countries of the region. This may therefore
be considered and appropriate decision taken for implementation of item on
Tariffs studies to be conducted by the APT.

Activity A-3

The Secretariat has requested member administrations to give their
suggestions and advice about their needs. Recommendation of Study Group I will
also be considered and then only any further action can be taken for this item
of activity. This is as a priority B activity and thus funds were not
directly available for implementation.

Activity A-4

Phase I of this project has been partially completed as planned for the year 1982. A senior expert in Signalling was appointed for 6 months who completed the first part of the project on 31 July 1982, interim report has been printed for circulation shortly. Final phase of the signalling project will be initiated in March 1983 for 4 months. Following countries are participating in this project :

Bangladesh, Burma, India, Iran, Nepal, Pakistan, Sri Lanka, Singapore, Thailand and Vietnam have also expressed their desire to participate in this project.

Activity A-5

This activity is planned to be initiated in 1983. But considering the huge resources required, the nature and magnitude of work involved, the Secretariat has proposed to further reduce its priority. At the same time, some discussion and guideline for this activity may be initiated by the Management Committee.

B. National Network and Services

Activity B-1

Realizing the action needed, the Management Committee had approved a question to be studied by Study Group II. The question APT/SGII/1 on rural telecommunication was circulated to all administrations and nominees of Study Group II. Further action will follow after meeting of Study Groups in November 1982.

Activity B-2

(a) Considering the importance of Rural Telecommunications in the developing countries of the region, a detailed Project Proposal for Feasibility Study and Pilot Project Planning that may be taken up in developing countries of the region was prepared and circulated to all member administrations in 1981.

(b) Considering that ITU was to take up the project on Rural Telecommunications for least developed countries in the region, as informed during the Management Committee Session in 1981, and constraints of resources, the project was considerably reduced, to initially cover only few developed countries and accorded B priority. The first three countries who have expressed full support for the project are Pakistan, Sri Lanka and Thailand. Participation from any other country is also invited and can be implemented with availability or re-allocation of resources.

(c) A reviesed Project Document Rev-1/APT/PROJ/RURAL/82 has been prepared and is shortly sent to Pakistan, Sri Lanka and Thailand for their formal approval.

Considerding the importance of Rural Telecommunication, this item has been proposed to be taken up as priority A Activity in 1983 for which available funds are foreseen in 1983 and onwards.

Activity B-3

A detailed project document for Improvement of Quality of Service was prepared and circulated to all members/associate members (APT/PROJ/SG-B/82-1). The first three administrations who communicated their acceptance of the project and confirmed participation are as follows :

Pakistan - suggested the following for inclusion in the project :

(a) Exchange of national teams to study the results of similar exercise in other countries;

(b) Need for expert on Outside Plant in the project;

(c) Short Study Tour and Seminar may be arranged with resources of ITU if available.

Sri Lanka - confirmed their participation, suggested the following :

(a) Requested technical assistance in the form of expert and equipment.

Thailand - confirmed participation.

The Ministry of Posts and Telecommunications, Japan, offered to assist in this important project by contributing two non-reimbursable expert on Network Management and Switching for 3 months each. The project is expected to shortly commence in Sri Lanka.

The scope of the project was broadened with the inclusion of expert in external plant. Following experts for implementing this project have been selected for 1982-1983 :

(1) Expert in External Plant for 3 months in Sri Lanka, in addition to two non-reimbursable experts offered by Japan

(2) Expert in Network Management for 3 months in Thailand

(3) Expert in Switching Systems for 3 months in Thailand

(4) Expert in External Plant for 3 months in Thailand

Out of the 18 man-month, the APT has recruited 4 experts for 12 man-month and the Government of Japan has provided 2 experts for 6 man-month as extra-budgetary assistance. Thus, the project will commence in two countries this year.

The scope of this important on-going project is being further enlarged. Participation of other members with their suggestions is invited for implementation in future.

C.   Technological Developments

Activity C-1

Information on development of solar power, and other technological trends in planning of rural telecommunication has been obtained, disseminated to member administrations as well as nominees of Study Group II. Information related to Digital Switching Systems is being collected and will be circulated as soon as compiled.

Activity C-2

A Seminar on Satellite Communications was held at Bangkok from 20 to 24 July 1982. 84 participants from 16 countries of the region, 41 from Thailand including eligible non-member Indonesia, ITU/CCIR, INTELSAT, ABU, ICAO and UNESCO participated. The Seminar proved to be very successful and provided good opportunity for exchange of views among our members. The report is being distributed.

Activity C-3

The Seminar on Network Digitalization in Asia Pacific Region is now
scheduled to be held in Hong Kong from 1 to 5 March 1983. The Seminar was
originally planned to be held in October- November 1982 but the host,
Hong Kong Telephone Company Limited intimated that it would be advisable to
postpone it till March and this proposal has been agreed.

D.   Direct Technical Assistance Programme

Fellowships for Training

Activity D-1

Requests received by the Telecommunity for fellowship for training
during the year 1982 was about 550 man-month compared to 388 man-month for
1981, covering various fields in Telecommunication.

For meeting the requirement of training all out efforts were made to
secure places in various training institutions in the region.

(i) The Government of India offered to accept APT sponsored trainees
in all the training courses conducted by the Advanced Level Telecommunication
Training Centre, Ghaziabad.

(ii) Singapore also offered 8 places for APT sponsored trainees in
7 courses for 21 man-month to be conducted in Telecentre, during the year 1982.
Facilities for study tours offered in addition to this.

(iii) Australia also agreed to provide training/study tour facilities
for 6 APT sponsored trainees in 3 courses and 1 study tour providing to
10.25 man-month of training during 1982.

(iv) Government of Japan has already agreed to provide training to
2 APT sponsored trainees for 6 man-month during 1982. The cost of training
including accommodation and daily allowance was borne by the Government of
Japan except air travel borne by APT.   The possibility of acceptance of one
more trainee for 2.75 man-month training in Japan exists.

(v) Government of Pakistan has also offered training facilities for
12 trainees for 29 man-month.

(vi) Training facilities have also been offered by Hong Kong Telephone
Company Limited in their training school, limited to 1 place per course.

(vii) Cable & Wireless(HK)Ltd has agreed to accept 4 APT sponsored
fellows, providing 3 man-month of training during 1982.

/(viii)

(viii) Malaysia also provided facilities for training of 2 fellows.

For the year 1982, the Secretariat lined up training fellowships programme for 64 fellows as against 58 during 1981. This will realize about 79.25 man-months of training during 1982.

Till 15 November 1982, the fellowship to 52 fellows realizing 61.25 man-months of training has been implemented as follows :

34 in ALTTC, Ghaziabad, India

2 in Japan

5 in Telecentre, Singapore

4 in Cable & Wireless (HK) Ltd.

4 in Telecom Australia

2 in Malaysia

one fellow undertook study tour of Thailand, Singapore and India.

Programme for 12 fellows have been lined up for implementation during 15 November - December 1982, which will realize about 18.25 man-months of training in various host countries as given below :

ALTTC, India	3 fellows	2.0 man-months
Field Training in India	4 "	8.0 "
Singapore	2 "	1.75 "
Japan	1 "	2.75 "
Australia (OTC)	2 "	3.5 "
12 fellows	18.0 man-months

More details of training Programme implemented and planned are enclosed as Appendix 1.

Short-Term Fellowships

During 1982, the APT awarded following 34 short-term fellowships to participants which are as follows :

17 for Seminar on Satellite Communications in Asia Pacific region, held in Bangkok from 20-24 July 1982.

17 for Meeting of Study Groups and short seminar on Rural Telecommunications held in Bangkok from 1-6 November 1982.

/Expert in

Expert in the field in 1982

Activity D-2

For 1982, the APT received request for providing 22 short-term experts (about 70 man-months) till 31 March 1982. However, due to budgetary constraints it was decided to recruit only 9 experts utilizing additional funds available for 23.5 man-months. Vacancy Notices for 8 experts were issued in April and one in May 1982. Vacancy Notices were sent to ITU also and through ITU further circulated to developed countries outside our region. Candidates were sponsored by Australia, India, Japan, Sweden, Norway and USSR for APT field vacancies.

7 short term experts totalling 18.5 man-months of service have been selected and accepted by recipient member administrations. Their missions are expected to commence in 3rd week of December 1982, to be completed in early 1983. This is as against 2 experts (9 man-months) provided during 1981 from the APT Budget.

Expert for Projects

Activity A-4 & B-3

During the year 5 experts (18 man-months) have been selected for implementation of projects.

      (a) For Project Activity A-4...One Expert in Signalling completed 6 month session

      (b) For Project Activity B-3...4 Experts selected (12 m/m)
                    1 Expert already joined in October
                    3 Experts scheduled to join in third week of December.

      For this Project, 2 experts (6 m/m) have also been offered by Japan as extra-budgetary assistance; also joined in October 1983.

Appendix 2 indicates the details of experts in the field during 1982 against the projects and Activity D-2.

It may be seen that total expert missions of all kinds planned during 1982 by 14 experts totalling 42.5 man-months of service as against 17 man-months of missions undertaken during 1981.

Activity D-3

Under programme of exchange of engineers between developing countries, the following has been arranged :

(i) A team of 2 engineers from Afghanistan will visit India during 1982; detailed programme is being finalized by India for a period of 1 month.

(ii) Pakistan has requested to send a team of 3 engineers to China and Korea during 1982. China has agreed and the programme will be implemented in April-May 1983 for 4-5 weeks. Reply from Korea is awaited. Programme for 6-8 weeks has been requested.

Activity D-4

Member administrations have been asked to indicate the areas of technology in which they would wish to receive or are willing to provide technical and other information. However, reply from any administration has not been received so far.

Activity D-5

Since this item was allotted C priority, membership was not requested to submit requirements. However, in view of present budgetary position, this item may be implemented in the future.

E.   General Activities

Activity E-1

A preliminary report concerning establishment of database has been prepared in the Secretariat.

Activity E-2

Arrangement has been made by the Secretariat to coordinate discussions within the membership to arrive at a common consensus in matters of importance during the Plenipotentiary Conference of ITU being held at Nairobi in September-November 1982.

../General

General C S Carreon while representing the Philippines in the conference has kindly agreed to arrange any such coordination needed in his capacity as President of the APT. The Australian delegation has also agreed to provide necessary assistance in the form of venue and secretarial aid. Mr Sung Hi lee who represents the Republic of Korea has also intimated his willingness, as Vice Chairman of the Management Committee, to assist in General Carreon's efforts.

Activity E-3

This activity is to be initiated in 1983.

Missions, Conferences and Meetings Attended

Missions by Officials of the Telecommunity

(i) The Deputy Executive Director represented APT at the Inauguration Ceremony of the Korea Telecommunications Authority on 4 and 5 January 1982.

(ii) Mr M Kawauchi, Programme Officer visited India and Pakistan from 9-19 March 1982, concerning finalization of details and facilities for training programme. This mission was financed by JICA.

(iii) Mr Boonchoo Phienpanij, Executive Director, visited Pakistan on 6 September 1982 and India on 9 and 10 September 1982 to discuss matters of mutual interest.

(iv) Mr M Kawauchi, Programme Officer visited Hong Kong from 20-23 September 1982 to hold discussions and finalize the details for organization of Seminar on Network Digitalization to be hosted by Hong Kong Telephone Company. This mission was financed by JICA.

(v) Mr Y Nakamura, non-reimbursable consultant in the Secretariat, visited Singapore from 24 to 26 September 1982 to hold discussion on matters related to database and computer facilities. Mr Y Nakamura visited Sri Lanka from 27 to 29 September 1982 to discuss matters related to the implementation of the project on Improvement in Quality of Service. These missions were financed by JICA.

Conferences & Meetings Attended by APT

1.   The Executive Director, Deputy Executive Director and Project Engineer attended the Regional Conference-cum-Seminar, organized by ITU.

2.   Project Engineer and Programme Officer attended the Regional Plan Committee Meeting for Asia and Oceania, organized by CCITT, at Manila Philippines, from 3-10 February 1982.

3.   Meeting of TAS Group held at Manila from 10-13 February 1982 was also attended by the Project Engineer and Programme Officer.

4.   The Executive Driector attended the XVTH Plenary Assembly of CCIR at Geneva from 13-27 February 1982.

5.   The Executive Director, Deputy Executive Director and Project Engineer attended the 38th Session of ESCAP which commenced on 23 March 1982.

6.   The Executive Director attended co-ordination meeting between Thailand and Laos, organized by the ITU on 14 June 1982.

7.   The Executive Driector represented the APT in the sub-regional co-ordination meeting of the ATN concerning India-Pakistan coaxial cable links on 7-8 September 1982, held in Lahore, Pakistan.

(a) Summary of Training implemented during January - 15 November 1982

No. of fellows (man-months)

Training Centre / Country	ALTTC India	Telecom Australia	Cable & Wireless	Japan	Malaysia	Telecentre Singapore	India Thailand Singapore	Total
Afghanistan	2 (1)	–	–	–	–	–	–	2 (1)
Burma	5 (5)	–	–	–	–	–	–	5 (5)
China	–	2 (3)	4 (3)	–	–	–	–	6 (6)
India	–	2 (2)	–	1 (2.5)	–	–	–	3 (4.5)
Iran	7 (6.5)	–	–	–	–	1 (2)	–	8 (8.5)
Nepal	–	–	–	–	–	2 (2.75)	–	2 (2.75)
Philippines	6 (4)	–	–	–	–	–	–	6 (4)
Sri Lanka	3 (3)	–	–	–	2 (4)	1 (5.5)	1 (0.75)	7 (13.25)
Thailand	9 (9)	–	–	1 (3.5)	–	1 (1.75)	–	11 (14.25)
Vietnam	2 (2)	–	–	–	–	–	–	2 (2)
Total	34 (30.5)	4 (5)	4 (3)	2 (6)	2 (4)	5 (12)	1 (0.75)	52 (61.25)

(b) Summary of Training lined up for the implementation during 15 November and December 1982

No. of fellows (man-months)

Training Centre / Country	ALTTC India	Field Training in India	Telecom Australia	Japan	Singapore	Total
Afghanistan	2 (1)	–	–	–	–	2 (1)
Nepal	–	4 (8)	–	–	1 (1.5)	5 (9.5)
Pakistan	1 (1)	–	–	1 (2.75)	–	2 (3.75)
Sri Lanka	–	–	–	–	1 (0.25)	1 (0.25)
Thailand	–	–	2 (3.5)	–	–	2 (3.5)
Total	3 (2)	4 (8)	2 (3.5)	1 (2.75)	2 (1.75)	12 (18)

Annex V
Appendix 2

(a) Details of Experts in Field during 1982

Sl. No.	Title	Project	Duration (months)	Man-months in service	Remarks
	Regional Projects				
1	Senior Expert in Signalling System	Inter and Intra regional Activity A-4 APT/PROJ/A-4/82 Adoption of Compatible Signalling Systems in the Region	6	6	Completed 1 Feb 1982 to 31 July 1982
2	Expert in Network Management	(Activity B-3, APT/PROJ/SQ-B- (3/82 Improvement in the (Quality of Service in Sri (Lanka ((	3	3	(Non reimbursable (offered by Japan (joined in October (((
3	Expert in Switching Systems		3	3	
4	Expert in External Plant		3	3	Recruited by APT, joined in October
5	Expert in Network Management	(Activity B-3 (Improvement in Quality of (Service in Thailand ((	3	3	(Accepted by Thailand (scheduled to join (3rd week of Dec 82 ((
6	Expert in Switching Systems				
7	Expert in External Plant				
			24	24	18 man-months from APT budget

(b) Experts under Direct Technical Assistance Programme (Activity D-2)

Sl. No.	Title	Project	Duration (months)	Man-months in service	Remarks
	Direct Technical Assistance Programme (Activity D-2)				
1	Expert/Instructor in Telecom Management	D-2/1/82 for Afghanistan	4	4	(Accepted by Afghanistan (to join in 3rd week (of Dec 82
2	Expert/Instructor in Carrier Systems	D-2/2/82 for Afghanistan	3	3	(((
3	Expert in Telecom Project Planning & Management	D-2/3/82 for Afghanistan	3	3	(((
4	Expert in Planning of Digital Transmission Network	D-2/5/82 for Pakistan	2	2	Accepted by Pakistan to join soon
5	Expert/Instructor in SPC System	D-2/6/82 for Thailand	2	2	(Acceptance awaited ((
6	Expert in Data Transmission	D-2/8/82 for Thailand	3	3	(
7	Expert/Instructor in Tariff & International Accounting	D-2/14/82 for China	1.5	1.5	Accepted by China to join soon
			18.5	18.5	

Annex VI

REVISED BUDGET FOR THE YEAR 1982

1.   During the Second Session of the General Assembly, the pledged contribution for the year 1982 was estimated to be US$ 474,650 (see Appendix 1). In addition to this, contribution of 8.5 units at US$ 3,300 per unit was agreed by those members not present in the Second Session. An amount of US$ 50,000 was received from Iran as arrears for the years 1980 and 1981.

2.   As on 15 November 1982, pledged contribution received was US$ 474,650 and additional pledged contribution received was US$ 69,800 (see Appendix 1&2). Thus up to 15 November 1982, total amount of contribution already received was US$ 544,450.

3.   Contribution in arrears, from three member administrations who did not attend the Fifth Session of the Management Committee, amount to US$ 8,250.

4.   Net amount brought forward from the year 1981 was US$ 326,782.

5.   For the year 1982, total contribution received, the amount brought forward from 1981 and interest from bank deposits amount to US$ 941,232 as given in Summary of Revised Budget for 1982.

6.   The total expenditure for 1982 was estimated to be US$ 537,900 with a carry forward amount to 1983 of US$ 403,332.

        The details of expenditure till 15 November 1982 and expenditure obligated for 15 November to 31 December 1982 are given below with remarks for each major head.

Details of Revised Budget and Expenditure for 1982

(Expenditure only for 11½ months ended 15 November 1982)

		Budget	Expenditure	Obligation	(In US$) Balance
A.	Staff				
	A.1 Management Staff				
1.	Executive Director	43,000	35,400	7,200	400
2.	Deputy Executive Director	38,000	31,000	6,200	800
3.	Office Manager	24,000	20,300	4,100	(-400)
4.	Administrative Officer	20,000	17,100	3,500	(-600)
	Subtotal of 1 to 4	125,000	103,800	21,000	200
Plus	Allowance & Contribution	85,000	58,500	6,100	20,400
Plus	Post Adjustment	17,000	14,700	4,000	(-1,700)
	Total of A.1	227,000	177,000	31,100	18,900
	A.2 General Service Staff				
1.	Senior Secretary	11,000	7,000	1,500	2,500
2.	Secretary	9,000	6,900	1,500	600
3.	Typists/Clerks	15,000	11,100	2,400	1,500
4.	Drivers/Messengers	9,000	6,700	1,400	900
5.	Janitor/Cleaner	5,000	3,600	800	600
	Subtotal of 1 to 5	49,000	35,300	7,600	6,100
Plus	Allowance & Contribution	11,000	10,400	*600	–
Plus	10% increase due to inflation	6,000	–	*1,200	4,800
Plus	Provision for overtime	3,000	2,500	800	(-300)
	Total of A.2	69,000	48,200	10,200	10,600
	A.3 Tax Equalization Fund	30,000	–	30,000	–
Total of A		326,000	225,200	71,300	29,500

* Total Allowance and Contribution Obligation of GS Staff : US$ 600 + US$ 1,200

= US$ 1,800

/B.

		Budget	Expenditure	Obligation	(In US$) Balance
B.	**Administration**				
B.1	General Office Expenditure	16,000	19,500	5,500	(-9,000)
B.2	Office Equipment	5,000	2,800	200	2,000
B.3	Management Committee	1,000	100	900	-
B.4	Audit Fee and Legal Advisor	2,000	500	1,100	400
B.5	Miscellaneous & Contingency	2,000	1,300	700	-
	Total of B	26,000	24,200	8,400	(-6,600)

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C. Work Programme

		Initial Approved Budget	Increased Budget	Expenditure	Obligation	Balance
C.1	Official Travel	12,000	12,000	7,800	1,100	3,100
C.2	Consultant	-	-	-	-	-
C.3	Experts	49,000	102,000	29,000	40,000	33,000
C.4	Fellowships,Exchange of Engineers and Technicians	91,000	110,000	80,000	13,300	16,700
C.5	Workshops	8,000	19,000	18,500	-	500
C.6	Seminar & Study Group	16,000	16,000	19,100	-	(-3,100)
	Total of C	176,000	259,000	154,400	54,400	50,200

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Total Expenditure of A + B + C			611,000	403,800	134,100	73,100

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Percentage Allocation of Total Revised Expenditure
of US$ 537,900 for the year 1982 :-

A : 55 %

B : 6 %

C : 39 %

/Remarks

Remarks

1.   A.1 Management Staff

There was no change in the salary scale and allowance. Post Adjustment for Management Staff was revised to multiplier rate 22 from 16 effective 1 October 1982.

2.   A.2 General Service Staff

There were some changes in the salary scales of General Service Staff which became effective from 1 June 1982. It would affect the total allowances and contribution. However, after considering the change, there would still be some savings under this subhead.

3.   A.3 Tax Equalization Fund

The amount of US$ 30,000 was provided for the year 1982. So far no expenditure has been incurred under this subhead. The amount allotted for the years 1979, 1980, 1981 and 1982 for tax equalization has been deposited in a separate fixed deposit account and up to now the amount in hand was US$ 58,000.

4.   B. Administration

There was more expenditure mainly due to the cost of documentation of Seminar, and Study Groups Reports.

5.   C. Work Programme

5.1   Calculation of Upper Limit of Expenditure for 1982

Increased budget figures for Programme of Work for 1982, prepared in accordance with directive given in Paragraph 57 of Report of the Second Session of the General Assembly and Paragraph 102, and Annex V of the Report of the Fifth Session of the Management Committee (APT/GA-2/81 and APT/MC-5/81) for utilization of excess funds within upper limit of expenditure.

Excess contributions actually received against subsequent additional pledged units	US$ 19,800
Arrear contributions received	50,000
Interest on bank deposits	70,000
Ceiling given by General Assembly	528,000
Upper Limit of Expenditure	667,800

5.2   Details of Work Programme already implemented are given in Annex V.

5.3   Obligation Details of Work Programme 'C'

(a) Fellowships for training courses to be conducted between 15 November and December 1982 and a few courses in early 1983 agreed during the implementation of 1982 Work Programme.

(b) 7 Fellows (8.25 man-month) detailed below :

- 2 fellows   1 man-month in ALTTC India ..... US$ 1,365
- 1 fellow   1 man-month in ALTTC India   750
- 1 fellow 1.5 man-month in Telecentre Singapore 1,965
- 1 fellow 2.75 man-month in Japan   3,920
- 1 fellow 0.5 man-month study tour in
      Singapore and Thailand   1,500
- 1 fellow 1.5 man-month in OTC Australia ...   3,800

                              Total C-4   US$13,300
                                                 ======

(c) 4 Experts selected and approved by recipient countries for project on Improvement in Quality of Service (Activity B-3). One expert joined in October 1982 and the other 3 experts scheduled to join by third week of December 1982.

- 1 expert   3 months   ...... US$ 12,000
- 3 experts 1 month each .:....   12,000

(d) 4 Experts selected and approved by recipient countries against technical assistance (Activity D-2).   All the 4 experts are scheduled to join by third week of December 1982.

- 4 experts 1 month each ..... US$ 16,000

                  Total C-3 .... US$ 40,000
                              ==========

Summary of Revised Budget for 1982

(In US$)

January brought forward	326,782
Contributions received	544,450
Earned interests from bank	70,000
	941,232
Expenditure	537,900
December carried forward	403,332
	=======

Details of Contributions Received in 1982

Pledged contributions (135.5 units @ US$ 3,300) except India	447,150
Pledged contribution from India	27,500
Additional pledged contribution : 6 units @ US$ 3,300)	19,800
Arrear contribution for 1980 & 1981 (US$ 50,000) from Iran	50,000
	544,450
	=======

/Appendix 1.

Contribution Pledged for 1982
during Second Session of the General Assembly

Actually Received during 11½ months ended 15 November 1982

(In US$)

		Units	Budgetary	Amount Received	Outstanding Amount
Members					
1.	Australia	26	85,800	85,800	-
2.	Bangladesh	2	6,600	6,600	-
3.	China	10	33,000	33,000	-
4.	India	8.33	27,500	27,500	-
5.	Japan	40	132,000	132,000	-
6.	Malaysia	4	13,200	13,200	-
7.	Maldives	½	1,650	1,650	-
8.	Philippines	2	6,600	6,600	-
9.	Republic of Korea	10	33,000	33,000	-
10.	Singapore	2	6,600	6,600	-
11.	Sri Lanka	1	3,300	3,300	-
12.	Thailand	6	19,800	19,800	-
13.	Vietnam	½	1,650	1,650	-
Associate Members					
14.	Brunei	2	6,600	6,600	-
15.	Hong Kong	4	13,200	13,200	-
Affiliate Members					
16.	Cable & Wireless (HK) Ltd.	2	6,600	6,600	-
17.	Hong Kong Telephone Co Ltd.	1	3,300	3,300	-
18.	KDD Japan	10	33,000	33,000	-
19.	NTT Japan	10	33,000	33,000	-
20.	ETPI Philippines	½	1,650	1,650	-
21.	GMCR Philippines	½	1,650	1,650	-
22.	PHILCOM Philippines	½	1,650	1,650	-
23.	PLDT Philippines	½	1,650	1,650	-
24.	PHILCOMSAT Philippines	½	1,650	1,650	-
	Total	143.83	474,650	474,650	-

Additional Contributions Pledged for 1982 after General Assembly Session

Received during the 11½ months ended 15 November 1982

(In US$)

		Unit @ US$ 3,300	Budgetary	Amount Received	Outstanding Amount
1.	Afghanistan	1	3,300	3,300	–
2.	Burma	1	3,300	3,300	–
3.	Iran – 1980 & 1981	7.58	25,000	25,000	–
	(10 units at US$ 2,500)	7.58	25,000	25,000	–
	Iran – 1982	1	3,300	–	3,300
4.	Nauru	1	3,300	–	3,300
5.	Nepal	½	1,650	–	1,650
6.	Pakistan	2	6,600	6,600	–
7.	KTA Republic of Korea	2	6,600	6,600	–
	Total	23.66	78,050	69,800	8,250

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Annex VII

BUDGET ESTIMATE FOR THE YEAR 1983 & INDICATIVE BUDGET FOR THE YEAR 1984

1.   The Management Committee decided that value of a unit of contribution for the year 1983 will remain unchanged at US$3,300.00.

2.   Thus, total contributions pledged for 1983 was 144 units (135.5 units pledged during the 2nd Session of the General Assembly and 8.5 units agreed by those members not present in the Session) at US$3,300.00 per unit and contribution of US$27,500 (not exceeding US$30,250) pledged by India. Considering arrears contribution of 1982, total contribution to be recieved for the year 1983 was estimated to be US$510,950.

3.   During the year 1983, interest estimated to accrue on our bank deposits is US$70,000. The amount brought forward from December 1982 is estimated to be US$403,332. Thus, total funds that are estimated to be available for 1983 is US$984,282. Details are given in the summary of budget estimates.

4.   Expenditure for the year 1983 is estimated to be US$680,000 resulting in estimated amount to be carried forward to 1984 as US$304,282 compared to US$197,000 expected in the Indicative Budget prepared during the 5th Session of the Management Committee (See Annex V of the Report of the 5th Session of the Management Committee, Page 58).

5.   Details of Budget Estimate for 1983, Indicative Budget for 1984 and Summary of Estimates are given.

6.   Salaries of Professional and Higher Category Staff as well as General Service Staff have been calculated on actual basis. However a provision of US$24,019.60 has been made for Post Adjustment based on multiplier rate of 22 for Management Staff and a provision of US$9,511.47 has been made for possible increase by 15% in salaries of General Service Staff as a result of inflation.

The following provisions have also been made in the staff expenditure :

	Management Staff	General Service Staff
(a) Dependency allowance	US$ 1,800	US$ 3,018
(b) Assignment allowance	4,400	–
(c) Provident Fund	31,360	7,504
(d) Health Insurance	100	1,900
(e) Education Grant	300	

7.   There is a decrease in amounts allocatted in sub-head B for Administration. In 1982, a provision of US$32,600 was made but for 1983 this amount will be only US$22,000 since provision for expenditure for documentation of seminars/workshops, study groups meeting reports, has been made now in the budget for respective activities.

8.   The total amount allocatted for the Work Programme sub-head C in the Budget Estimate is US$364,000 for 1983. It can be seen that the allocattion for Work Programme has been increased to 53% compared with 39% in the year 1982.

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1. Budget Estimate for the year 1983   In US$'000

A. Staff

A.1 Management Staff

1.	Executive Director (D-2)	44
2.	Deputy Executive Director (D-1)	38
3.	Office Manager/Project Manager (P-3)	25
4.	Administrative Officer/Accountant (P-2)	21
	Subtotal of 1 to 4	128

Plus Allowance and contribution   38

Plus Post Adjustment   24

Total of A.1   190

A.2 General Service Staff

1.	Secretaries (2 GS-8)	18
2.	Typists/Clerks (3 GS-5)	15
3.	Drivers/Messenger (3 GS-2)	9
4.	Janitor/Cleaner (2 GS-1)	5
	Subtotal of 1 to 4	47

Plus Allowance and contribution   12

Plus Provision for overtime   4

Subtotal of A.   63

Plus 15% increase due to inflation   10

Total of A.2   73

A.3 Tax Equalization Fund   31

Total of A   294
     ====

../Administration

B. Administration

    B.1 General Office Expenditure   15

    B.2 Office Equipment   2

    B.3 Management Committee   1

    B.4 Auditor and Legal Advisor   2

    B.5 Miscellaneous and contingencies   2

Total of B   22

C. Work Programme (inclusive of 1982's commitment : US$70,000)

    C.1 Official Travel

    C.2 Consultants

    C.3 Experts

    C.4 Fellowships, exchange of engineers and technicians   364
                                                                  For details, see
                                                                 Annex VIII

    C.5 Workshop

    C.6 Seminar and Study Groups

Total of C   364

Total expenditure of A + B + C   680

Percentage allocation of total expenditure   : A : 44%
                                                        B : 3%
                                                        C : 53%

Budget Estimate for the year 1983

Details of Expenditure on Staff   In US$

A. Staff

A.1 Management Staff (from Salary Scale, effective 1 Jan 1981)

1. Executive Director (D-2)	43,941.60
2. Deputy Executive Director (D-1)	37,809.36
3. Office Manager/Project Engineer (P-3)	25,031.54
4. Administrative Officer/Accountant (P-2)	21,382.78
Subtotal of 1 to 4	128,165.28

Plus   Allowance and contribution

(a) Dependency allowance   1,800

(b) Assignment allowance   4,400

(c) 14% of Provident Fund :

D-2 : 14% of 83,572	11,700.08	
D-1 : 14% of 68,042	9,525.88	
P-3 : 14% of 39,734	5,562.76	
P-2 : 14% of 32,654	4,571.56	31,360.28

(d) Health Insurance Subsidy
    New Scheme HLR   100.00

(e) Education grant   300.00   37,960.28

Plus Post Adjustment

D-2 (362.31 x 22)	7,970.82	
D-1 (320.80 x 22)	7,057.60	
P-3 (220.02 x 22)	4,840.44	
P-2 (188.67 x 22)	4,150.74	24,019.60

Total of A.1   190,145.16
                                              ===========

../A.2 General Service

In US$

A.2 General Service Staff (Salary Scale Revision 20, 1 June 1982)

1. Secretaries (2 GS-8)	18,339.74
2. Typists/Clerks (3 GS-5)	14,807.43
3. Drivers/Messengers (3 GS-2)	8,985.60
4. Janitor/Cleaner (2 GS-1)	4,854.14

Subtotal of 1 to 4   46,986.91

Plus Allowance and contribution

Dependency allowance

US$251.53 each for 12 persons   3,018.36

14% of Provident Fund

GS 8 : (14% of 10,908.73) × 2	3,054.44	
GS 5 : (14% of 5,549.34) × 3	2,330.73	
GS 2 : (14% of 3,282.97) × 3	1,378.86	
GS 1 : (14% of 2,644.54) × 2	740.48	7,504.51

Health Insurance Subsidy	1,900.00	12,422.87
		59,409.78

Plus   provision for overtime   4,000.00

	63,409.78
Plus 15% increase due to inflation	9,511.47

Total of A.2   72,921.25

A.3 Tax Equalization Fund

(US$ 16,800 + 5% of US$16,800 + 30% of US$43,941.60)   30,822.48

Total of A.1, A.2 and A.3   293,888.89

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../2. Indicative Budget

Indicative Budget for the year 1984   In US$'000

A. Staff

A.1 Management Staff

1. Executive Director (D-2)	43
2. Deputy Executive Director (D-1)	39
3. Office Manager/Project Engineer (P-3)	26
4. Administrative Officer/Accountant (P-2)	22
Subtotal of 1 to 4	130
Plus Allowance and contribution	56
Plus Post adjustment	24
Total of A.1	210

A.2 General Service Staff

1. Secretaries (2 GS-8)	19
2. Typists/Clerks (3 GS-5)	16
3. Drivers/Messengers (3 GS-2)	9
4. Janitor/Cleaner (2 GS-1)	5
Subtotal of 1 to 4	49
Plus Allowance and contribution	14
Plus Provision for overtime	4
Subtotal of A.2	67
Plus 20% increase due to inflation	13
Total of A.2	80

A.3 Tax Equalization Fund   31

Total of A	321

../B. Administration

In US$'000

B. Administration

    B.1 General Office Expenditure   15

    B.2 Office equipment   3

    B.3 Management Committee & General Assembly   4

    B.4 Auditor and Legal Advisor   2

    B.5 Miscellaneous and contingencies   2

Total of B   26
        ====

C. Work Programme

    C.1 Official Travel
    C.2 Consultants
    C.3 Experts
    C.4 Fellowships, exchange of engineers and technicians   381
    C.5 Workshop
    C.6 Seminar and study groups

Total of C   381
        ====

Total expenditure A + B + C   728

Percentage allocation of total expenditure : A : 44.5%

        B : 3.5%

        C : 52%

3. Summary of Revised Budget for 1982, Estimated Budget for 1983 and Indicative Budget for 1984 (In US$)

	1982	1983	1984
January brought forward	326,782	403,332	304,282
Contributions	544,450	510,950	552,970
Earned interests from bank	70,000	70,000	70,000
	941,232	984,282	927,252
Expenditure	537,900	680,000	728,000
December carried forward	403,332	304,282	199,252

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Details of contributions received in 1982

Pledged contributions (135.5 units @ US$3,300) except India per unit	447,150
Pledged contribution from India	27,500
Additional pledged contribution : 6 units at US$3,300 per unit	19,800
US$50,000 from Iran .	50,000
	544,450

Estimate of contributions for 1983

Pledged contributions (135.5 units @ US$3,300) except India per unit	447,150
Pledged contribution from India	27,500
Additional pledged contribution : 8.5 units at US$3,300 per unit	28,050
Arrears contribution : US$8,250	8,250
	510,950

Estimate of contributions for 1984

Pledged contribution (135.5 units at US$3,630) except India per unit	491,865
Pledged contribution from India	30,250
Additional pledged contribution : 8.5 units at US$3,630 per unit	30,855
	552,970

Annex VIII

APPROVED WORK PROGRAMME OF THE TELECOMMUNITY
FOR THE YEAR 1983

1.   The Management Committee approved various Key Activities to be implemented during 1983 as given in Appendix 1.

2.   The Management Committee decided that the Study Groups I & II should be re-constituted as continuing bodies.

3.   The Study Groups should continue their study of existing questions.

4.   The Management Committee approved additional 5 questions to be studied by the SG I, 9 questions to be studied by SG II and one question to be studied by both the Study Groups. The additional questions are given in Appendix 2.

5.   The actions suggested on recommendations made by various conferences and seminars is given in Appendix 3.

6.   According to estimates given in Appendix 1, the resources required to implement Priority 'A' Activities of 1983 Work Programmes would be US$ 395,000.

        The expenditure committed for some projects of 1982 to be completed in 1983 is US$70,000.

7.   The amount of budget approved for work programme for the year 1983 is US$ 364,000.

8.   The work programme has to be implemented subject to budgetary limit.

Work Programme for the APT in 1983

Resource : US$'000

No.	Activity	Priority	Subhead	Man-months

A. Inter & Intra Regional Activities

A-1 (a) To review progress and assist in the implementation of all agreed networks as necessary — A — C1

(b) To coordinate operational arrangements between national telecommunication organizations as necessary — A — C1

A-2 To keep under review the work on tariffs conducted by CCITT Study Groups III and the Tariff Group for Asia, and to make proposals on any areas of particular interest — B — —

A-3 To take follow-up action based on needs advised by Members and Associate Members and suggestions of Study Groups and Seminar regarding short term circuit requirements and their distribution in various media for optimum utilization of existing networks, keeping in mind the performance of the various media and links — A — C2 — 12 (3 m/m)

A-4 To study and make recommendations concerning the adoption of compatible signalling systems in the region and the preparation of plans for gradual automation of intra-regional network necessary to improve operational efficiency in the region. — A — C3 / C5 — 16 (4 m/m) / 16 (Technical Meeting and Workshop)

(a) Phase I : Signalling
(b) Phase II - Gradual Automation
(c) Collection of information in the mode of operation between countries of the Region and difficulties, if any encountered

A-5 To develop a well coordinated strategy (i.e. Master Plan) of the regional network for the decade and beyond considering all kinds of transmission and switching systems. — A — C3 — 16 (4 m/m)

Phase I : Pre-feasibility study to be undertaken.

/B. National

Resource : US$'000

No.	Activity	Priority	Subhead	Man-months
	B. National Networks & Services			
B-1	To ascertain the requirements for assistance by Members and Associate Members in the development of rural telecommunications and to arrange the interchange of information among membership	A	–	
B-2	To undertake studies for the development of rural telecommunications, the planning and the possibility of pilot projects being implemented in the developing territories of the region in conjunction with ITU regional programme covering all least developed countries	A	C3	48 (12 m/m) forming part of 58 m/m revised project REV1/APT/PROJ/82-RURAL/82
B-3	To study, analyse, prepare action plans and extend all possible assistance for improving the quality of service in national networks in close cooperation with ITU	A	C3 C4	52 (13 m/m) 5
	C. Technological Developments			
C-1	To collect and disseminate information on recent technological trend in telecommunication development (planning of networks, transmission and switching systems applicable to rural networks)	A	–	–
C-2	To provide opportunities for APT membership to study technological developments and opportunities for regional cooperation directed to media aimed at diversification of traffic and realistic growth of the network in the region, taking into account the activities of the ITU	A		
	(a) National and international (region) satellite communications (17 fellowships to workshop and seminar)	Completed		
	(b) Submarine cable (10 fellowships to workshop and seminar)	To be held in 1984		

../C-3

Resource : US$'000

No.	Activity	Priority	Subhead	Man-months
C-3	Noting the trend to introduce digital technology in switching and transmission systems in the region, to evalute the impact and problems involved in the transition from analogue to digital (20 fellowships to 5-day Seminar, March 1983)	A	C6	25
C-4	To develop a programme of instruction and training on External Plant to cover construction, maintenance and operation of cable networks including splicing techniques, pressurization, location of faults and trouble shooting (20 fellowships)	A	C5	20

D. Direct Technical Assistance Programme

No.	Activity	Priority	Subhead	Man-months
D-1	To provide fellowship/and arrange training in various fields requested by the membership	A	C4	110
D-2	To provide short term experts/consultants in fields requested for studies concerned with the preparation of development and improvement of plans, etc.	A	C3	50
D-3	To promote a programme to exchange engineers and technicians for studying various telecommunication field of interest (including research, and development as an important element of TCDC)	A	C4	6
D-4	To request the membership to indicate the areas of technology in which they would wish to receive or are willing to provide technical and other information (including technical specifications) e.g. cable switching, and transmission system exploitation of solar energy and other non-conventional power systems	B		
D-5	To assist in preparing country projects to meet the requirements of member administrations	B	C2	24 (6 m/m)

../E. General

Resource : US$'000

No.	Activity	Priority	Subhead	Man-months
	E. General Activity			
E-1	To study and make recommendations including equipment and staffing implications on extent to which data should be collected, maintained and disseminated by the APT, taking into account the purposes for which a data base is required and the existence and future of the ITU regional data base	A	C1	
E-2	To arrange discussions within the membership and arrive at a common concensus in relation to major world conferences organized by the ITU which deal with planning and operational matters affecting regional and inter-regional telecommunication networks	A	C1	
E-3	To study and make recommendations on the need for and achievement of coordination in radio frequency spectrum management within the region (10 fellowships to workshop/seminar)	C	C5	8
E-4	Fellowship to support Study Group activities (20 fellowships)	A	C6	20

Resources required to carry out all activities in A Priority	C1		15
	C2		12
	C3		166
	C4		121
	C5		36
	C6		45

Total Work Programme Budget for 1983 in US$'000   395

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Following Additional Questions should be studied
by the Study Groups

Study Group I

Q. SGI/1/83

Considering that :

- effective telecommunication services depend on the speed resumption
  of service immediately following the breakdown in basic telecommu-
  nication facilities and depend also on suitable predetermined plans

- that implementation would be carried out by a number of effected
  administrations

What arrangements should be made within the region to provide for a
speedy restoration of services for the various transmission facili-
ties in agreed networks?

Q. SGI/2/83

Considering that :

- a number of countries is introducing domestic satellite systems

- some telecommunication services cannot be provided satisfactorily
  if there is more than one satellite circuit connected in a link

What telecommunication services would be degraded to unsatisfactory
levels by the use of more than one satellite circuit, and for those
services what arrangement should be made to prevent the connection of
more than one satellite circuit in the same link?

Q. SGI/3/83

Considering that :

- difficulties have been encountered by the APT members when
  discussing planning, implementation and other areas of activity
  for particular regional networks

What terms and definitions should be used to describe the various
types of network that are of concern to the work of APT and what are
the component parts of each of these networks?

Q. SGI/4/83

Considering that :

- a number of important new telecommunication services are being
  introduced world-wide

- the successful provision of these services depends on close colla-
  boration between administrations

What new services are likely to be provided within the region in the
next few years, and what arrangements should be made to ensure that
these services are developed in a satisfactory manner?

Q. SGI/3/83

Considering that :

- the satisfactory performance of the agreed regional network is
  assisted by the establishment of quality of circuits information

What information should be gathered from and disseminated to adminis-
trations concerning the provision of circuits for the agreed network
and what format should this information take?

Study Group II

Q. SGII/1/83

Considering that :

- cable constitutes the major portion of investment in local net-
  works and greater portion of faults arise in it

- different types of cables are using making splicing difficult

- use of many types of splicing techniques demands specialization
  and makes training difficult

- many members have found solutions by developing/adopting some
  some standard systems/techniques for splicing, construction etc

- it plays an important role in point to point communication

../ (a) What

(a)   What studies should be taken up to improve the cable network in
        regard to construction, operation and maintenance?

(b)   What action should be taken up by APT for the collection of data/
        information for the benefit of its members (a standard format for
        information may be developed)?

Q. SGII/2/83

        Recognizing that :

        - many members have local manufacturing plants and some of them are
          not so successful in acquisition of technology, and have not been
          able to achieve self-reliance

        What measure should be adopted in order to achieve the main goal
        that is, the successful transfer of technology and the role of R & D
        in this regard?

Q.SGII/3/83

        Realizing that :

        - most of the members are adopting digital switching systems for
          modernization of their networks, and they have two different
          choices regarding introduction of such systems, that is

          (i)   high capacity exchange systems for urban areas and

          (ii) low capacity exchange systems for rural areas

        What should be the strategy of introduction of digital switching
        systems in the existing predominantly analog national networks?

.SGII/4/83

        Considering that :

        - present status and growth of telecommunication development in
          developing member countries particularly in the rural areas
          has been relatively low

        - many members have predominantly rural bias

- the telecommunication plays an important role in the socio-economic development

- the data on demand is inadequate and sometimes not available

What technique for demand forecast should be adopted under various conditions?

Q. SGII/5/83

Considering that :

- at present many members offer only telephone, telegraph and telex services in their national networks

- there is a need for introduction of new services, e.g. facsimile, data communications, etc

What technique should be employed in making a fair quantitative assessment of their demand for evolving strategy for their introduction?

Q. SGII/6/83

Realizing that :

- many members are introducing digital technology in their national networks both in switching and transmission equipment

- for an appreciable time, national network should have mixed analogue and digital environment

What studies should be conducted for evolving fundamental national network plans for mixed analogue and digital network?

Q. SGII/7/83

Recognizing that :

- the real time monitoring of the network can assist in proper network management and improvement of the Quality of Service and Computer can be used for this purpose

What kind of monitoring techniques can be used in different networks and how computer-aided systems can be effectively employed?

Q. SGII/8/83

Considering that :

- many members employ H.F. Systems particularly in difficult terrain
  and for remote area communication

- many members are using microwave systems (LOS), troposcatter systems

What propagation studies should be carried out and how can the APT
assist the members in this regard?

Q. SGII/9/83

Recognizing that :

- there is a new demand for an improved land mobile telephone system

- land mobile telephone system using the cellular techniques can now
  be introduced as an integral sub-system economically in the SPC
  telephone systems to ensure optimum use of the network

What should be the best strategy and technical parameters to be
considered in introducing a large capacity land mobile telephone
system using cellular technique?

Both Study Groups

Q. SGI&II/1/83

Considering that

- the General Assembly at its 2nd Meeting decided that the working
  methods of the Study Groups should be continuously improved

- the General Assembly also directed the Management Committee to

consider whether the Study Groups should cover relatively various
specialized fields

(a) What change if any should be made to the structure of the Study Groups

(b) What improvement should be made to the procedures adopted by the
Study Group(s) in order to improve the effectiveness of the
operation of the APT?

****

Q. SGII/8/83

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- land mobile telephone system using the cellular techniques can now be introduced as an integral sub-system economically in the SPC telephone systems to ensure optimum use of the network

What should be the best strategy and technical parameters to be considered in introducing a large capacity land mobile telephone system using cellular technique?

Both Study Groups

Q. SGI&II/1/83

Considering that :

- the General Assembly at its 2nd Meeting decided that the working methods of the Study Groups should be continuously improved

- the General Assembly also invited the Management Committee to consider whether the Study Groups should cover relatively various specialized fields

(a) What change if any should be made to the structure of the Study Groups

(b) What improvement should be made to the procedures adopted by the Study Group(s) in order to improve the effectiveness of the operation of the APT?

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Comments/Actions suggested on Recommendations
Made by Various Conferences & Seminars

Source	Proposals	Comments/Actions Suggested
Regional Conference cum Seminar on Development and Management of Telecommunications, organized by ITU in association with ESCAP and the APT (12-27 Jan 1982)	**Training** 1. The Conferences recognizes that a well organized and continuing programme of exchange of visits of technical and managerial personnel among countries of the region was one of the best ways of training and learning. The Conference calls on all administrations in the region to extend every possible facility for such exchanges. The ITU/APT could coordinate the planning and implementation of such programmes. **Telecommunication Development** 2. The Conference recommends a complete review and revision of the project for ATN so as to reflect the introduction of submarine cable and satellite media and to take account of the need for offering new services, updated requirements for routing of traffic, etc. The Conference recognized the need for collecting, on a continuing basis, data in regard to various types of telecommunications traffic in the region. It noted that steps already taken by the APT in this direction. The Conference recommends that all Administrations in the Region extend full support to the APT in this matter. **Maintenance & Operational Aspects** 3. The Conference noted that in many developing countries of the region serious difficulties	Covered by Activity D-3 of APT Work Programme for 1983 Activity A-5 of Work Programme and Secretariat to collect and disseminate data as recommended by SGI

../were being

Source	Proposals	Comments/Actions Suggested
	were being encountered due to non-availability of spares for the maintenance of equipment, imported in earlier years. In several instances, the manufacturers have stopped production of the items and are no longer able to guarantee supply of spares. The problem needs special examination to see if other administrations of the region could offer assistance. Where the total demand within the region justifies, the possibility of limited quantity production of specific types of spares also needs to be examined. The Conference requests the APT to study this matter.	Will be taken up by ITU as part of RAS/81/031 Telecommunication Maintenance Project

Studies

Source	Proposals	Comments/Actions Suggested
	4. The Conference recognized the existence, due to historical reasons of a variety of signalling systems in the region and recommends that detailed studies be undertaken on how best the signalling arrangements especially on inter-country links can be harmonized to facilitate more efficient operations. The Conference suggests that the Study Groups be undertaken by the APT.	Activity A-4 partly implemented and to be continued in APT Work Programme in 1983
	5. The Conference took note of the studies undertaken in the APT on the accounting rate and tariffs for telecommunication services in the region and the study by UNESCO/ITU on charges for certain media information exchange and recommends continuation of these studies with a view of evolving rational tariff and charging policies and securing more attractive charges for media information exchange among developing countries.	Activity A-2 of APT Work Programme and Recommendation of SGI. Action to be initiated by Secretariat

Source	Proposals	Comments/Actions Suggested
Seminar on Satellite Communications in Asia Pacific Region organized by the APT 20-24 July 1982	6. In view of the high costs of a satellite launch and subsequent maintenance of individual satellite communication systems and recognizing the urgent needs of some of the developing countries in the region, the Seminar recommends that the APT undertake to pursue the possibilities of cooperation between member countries with the aim of using existing and planned domestic satellites on a regional basis. Such efforts should include : (a) The promotion of the use of domestic satellites for border communications as well as domestic communications; (b) Coordination for restoration of regional submarine cable traffic on domestic satellites. (c) Sharing of existing domestic satellite capabilities including INSAT to mutual advantage among members and neighbouring countries of the Asia and South Pacific region	Additional Study Group may be formed to study the recommendations concerning Satellite Communications
	7. The Seminar recommends that the APT initiates preliminary studies and consider institutional arrangements to evaluate technical and economic feasibility of introducing a regional satellite that can cater for the needs of the member countries of the APT and provide an optimum solution for satellite communications within the region. The need for close coordination with owners of existing and planned satellites for the Indian Ocean and Pacific Ocean regions was emphasized. 8. The Seminar noted the experience gained in the operation, planning and implementation	Additional Study Group may be formed to study the recommendations concerning Satellite Communications

../of PALPA

Source	Proposals	Comments/Actions Suggested
	of PALPA, AUSSAT, GS & BS Systems. The Seminar recommends that the APT promote the sharing of knowhow in the area of satellite technology such as system engineering for earth stations sitings equipment configuration, feasibility reports etc among the member countries of the APT.	Additional Study Group may be formed to study the recommendations concerning Satellite Communications

Training in Satellite Communications

9. The Seminar recognized the shortage of
skilled and professional personnel in the
field of satellite communications especially
in the developing countries of the region.

In view of the fact that excellent training
facilities are available in training centres
of the region, it is recommended that the
training of personnel in satellite communica-
tions throughout the countries within the Asia
Pacific region should be recognized as a matter
of high priority for all APT members, noting
that : (a) Such training is essential to the   On-going Activity D-1
optimum development and operation of communi-   of Work Programme
cations within and between individual countries
(b) Those countries with well-developed infra-   On-going Activity D-1
structures of trained staff and training faci-   of Work Programme
lities such as Australia, India and Japan will
consider sympathetically the possibility of
making this infrastructure available under
agreed conditions, to the training of staff
from other member countries.
(c) Training courses or seminars organized by   On-going Activity D-1
INTELSAT under IADP should be fully utilized   of Work Programme
by countries of the region

Source	Proposals	Comments/Actions Suggested
	10. The Seminar recommends that the APT collect and disseminate information regarding the availability and possibility of training in Satellite Communications from and within the region after coordinating with administrations who can offer such facilities including new technologies such as digital TDMA/DSI.	The Secretariat to collect and disseminate information in 1983
	Rural Telecommunications by Satellite	
	11. The Seminar recognizes that the advancement of satellite communications technology particularly in the design of small earth stations is paving the way for the use of satellite communications as a cost effective means of providing services to remote and rural areas. A great majority of the rural population in some of the countries of the region are badly in need of basic communication facilities. The seminar thus recommends that the APT pursue the possibilities for sub-regional and regional cooperation in the application of various satellite systems for rural and remote area communications which has not been viable so far based on terrestrial systems.	This item may also be included in the Study Programme of proposed additional Study Group on Satellite Communications
	12. The Seminar recommends that the APT prepares a proposal possibly including a group of experts for the study of all aspects of rural satellite telecommunication and the possible evolution of a regional system either through existing satellite or those planned for the future	The nominees of proposed Study Group on Satellite Communications would in fact be a group of experts as suggested
		The Secretariat will urge all member administrations to actively participate
	The Seminar recommends that the APT urge member countries where necessary to encourage	

Source	Proposals	Comments/Actions Suggested
	their administrations to actively participate in the work of the forthcoming conference Preparatory Meeting of the CCIR, for WARC - 1985/87	
	13. Recognizing the role of INTELSAT and in view of memorandum of understanding already ratified between the APT and INTELSAT, the Seminar recommends that the APT urge member countries	
	(a) to communicate to INTELSAT the technical, operational, and economic problems encountered in connection with transition from INTELSAT IV to INTELSAT V Satellite in the POR and IOR	The Secretariat may collect and disseminate the information to membership
	(b) to cooperatively explore the possibility of developing practical solutions for the communications needs of the member countries with the help of appropriate enhancement in the INTELSAT space segment parameters (e.i.r.p. saturation flux density, G/T feed coverage pattern etc) to better suit the specific regional requirements	- same -
	(c) to comment on the performance criteria of non-standard earth stations operating with domestic lease and on any modifications thereof that INTELSAT might issue in the future	- same -
	(d) to send expression of interest including the possibility of financial and technical assistance regarding utilization of various types of facilities (advice, assistance in e/s performance and procurement specifications proposal evaluation, verification tests, training seminar etc) under the IADP, in particular, upgrading of earth stations for small users in LDC countries	- same -

../ (e) to send

Source	Proposals	Comments/Actions Suggested
	(e) to send requests regarding details of various options for lease of space segment capacity from INTELSAT V and VA published in the document "INTELSAT V & VA Lease Definition" (BG-47-7; BG/T-38-5).	The Secretariat may collect and disseminate information to membership
	14. The Seminar recommends that the APT liaise with the ITU on satellite and related telecommunication programmes, affecting the region as a whole, which are relevant to the objectives of the World Communications Year 1983	APT has proposed to hold a Convention in Tokyo in 1983 to commemorate WCY 1983
Seminar on Rural Telecommunications organized by APT (5 Nov 82)	15. The subject of Rural Telecommunications is given top priority in the work of SG II, and corresponding nominees give urgent attention to questions related to this subject. The subsequent activities should be :	
	(i) to prepare a format for collecting data regarding population, socio-economic activities importance due to location etc so that planning by members may begin as early as possible	On -going Activity B-1 of Work Programme to be undertaken by APT
	(ii) to suggest various possibilities of providing standard telecommunication facilities with a view to :	- same -
	(i) realizing low initial capital cost	
	(ii) ensuring efficient operation and maintenance by "local rural personnel" as far as practical. This would require the adoption of equipment requiring least attention and with minimum wear and tear. This is important because in most cases retaining technically experienced maintenance personnel in rural areas is either expensive or impossible.	

Source	Proposals	Comments/Actions Suggested
	The deployment of local rural personnel in the telecommunication activities will improve the security and efficiency of rural installations due to the desirable effects arising from a sense of participation and responsibility.	
	(iii) to arrange regular meetings and seminars preferably in different member countries of the APT so that the participants have a chance to see for themselves various aspects of rural environment and facilities provided including telecommunications	This may be included in the on-going Activity B-2 of Work Programme commencing from 1983
	The first such meeting may be organized within the realms of the on-going APT rural telecommunication project. It may further be emphasized as special action taken in 1983 in the spirit of World Communications Year.	
	(iv) to collect and distribute the output decisions and recommendations from such seminars to members for timely action	On-going Activity B-1 of Work Programme to be implemented by Secretariat
	(v) to request APT for assistance in the planning and implementation of related projects	Covered by on-going Activity D-2 of Work Programme
	(vi) to request APT for assistance in training professional and technical staff in network planning operation and maintenance with a view to upgrading the rural network in step with the development of urban and national network as a whole	Covered by on-going Activity D-1 of Work Programme
	(vii) to accelerate the provisioning of Rural Telecommunication Service. As the initial rural demand for a local telephone service is low, two phase planning strategy may be adopted	APT Secretariat to urge member administrations and also to give higher priority to Activity B-2 with increased budget allocation

../(a) Providing

Source	Proposal	Comments/Actions Suggested
	(a) Providing a long distance facility for each rural community	
	(b) Introduction of local exchanges in step with growth in demand	
Meeting of the APT SG I (1-6 Nov 1982)	16. Question APT/SGI/1 : Implementation of Agreed Network (Activity No. A-1)	
	Considering that :	
	(a) The APT Secretariat has addressed the member administrations of the agreed network and response from them is awaited so that areas not covered by agreements with the ITU can be identified	
	(b) The agreed network is envisaged as comprising the ATN and certain other links as per annex – to countries who are members of APT .	
	(c) Whereas the progress of implementation of the ATN component of the agreed network is being considered by the ITU	
	(d) With the objective of the APT playing a major role in the operational phase of the agreed network	
	It is recommended that :-	
	(1) The APT should keep itself abreast with the implementation of the other links and bilateral and multi-lateral arrangements in this regard	Covered by on-going Activity A-1 of Work Programme
	The member administrations should feed APT Secretariat with the information/statistics for compilation and dissemination to its members	
	(2) The APT Secretariat should take appropriate action to evolve proposals for consideration by SG I from the data collected from various member administrations :	Activity B-3 of Work Programme already given priority A for 1983
	(a) Signalling plan	Activity A-4 to be continued in 1983

../(b) Switching

Source	Proposals	Comments/Actions Suggested

(b) Switching and routing plan

(c) Transmission plan

(d) Route dimension and distribution of circuits for the existing services as well as new services planned by administrations on various media so as to assist in achieving gradual automation and optimum utilization of the agreed network

It is recommended that the Management Committee may approve this activity with high priority under the Work Programme for 1983.

17. Question : APT/SGI/2 : Tariffs

Considering that :

(a) The APT has initiated a broad study on tariff with an objective of establishing a frame-work for a recommended tariff structure for the region (A report was submitted on March 1981 by H Helling, APT appointed Tariff Expert. The Study considered two methods of formulating tariff, i.e. synthetic and analytical methods).

(b) The CCITT SG III is also presently discus-sing the possibility of adopting standard settlement rate to replace the current gold franc settlement with special drawing rights (SDR)

(c) The Tariff Group for Asia has concluded its discussion early this year recommending a stan-dard accounting rate in terms of distance using the synthetic method;

It is recommended that :

(1) The APT should closely follow the results of the work of the CCITT and TAS groups to relate this with the Helling Report and to determine if these can be applied in the region ·

On-going Activity A-2 of Work Programme

../(2) The APT

Source	Proposals	Comments/Actions Suggested
	(2) The APT should supplement the efforts of the CCITT and TAS Groups by collecting and disseminating information and/or guidelines necessary to conduct cost studies for applications of the analytic method	On-going Activity A-2 of Work Programme
	(3) That in the meantime, the bilateral agreements are still the best and practical approach to determine accounting and settlement rates	- same -
	(4) That in order to disseminate the progress made by the CCITT and TAS groups in formulating the recommended tariff structure, and to prepare and enable administrations of APT member countries necessary for the appreciation of the analytic method, an annual seminar should be conducted by APT in conjunction with the holding of the SGI meeting	The proposed Seminar may be organized along with the meeting of Study Group, if approved
	(5) That before holding such a seminar, documents and study results elaborating the activities of various tariff study groups should be made available to APT members for information and reference.	APT Secretariat would collect and disseminate information needed

18. Question APT/SGI/3 : Compatible Signalling Systems and extending Automatic Working (Activity No. A-4)

Considering that :
(a) The APT Signalling and Switching Senior Expert has submitted his report in the first phase of the study
(b) This report has already been circulated to APT members
It is recommended that :

(1) Member countries may submit their response, at the earliest to Questionnaire No. 2 of Annex 21	Part of Activity A-4 Work Programme in 1983

../of the

Source	Proposals	Comments/Actions Suggested
	of the Expert's report entitled "Assistance in Compatible Signalling Systems for Telecommunication Networks in the APT region"	
	(2) On receipt of the replies, the APT Secretariat should take appropriate action for analysis of the data for consideration by SG I. (Recommendation against Q.1 may also be seen).	- same -
	19. Question APT/SGI/4 : Regional Data Base (Activity No. E-1)	
	Considering that :	
	(a) The data submitted by member administrations in the 7 tables earlier adopted by SG I are observed to be generally adequate but need some further details	
	(b) Different transmission media are being used for alternate routes to the same destinations	
	It is recommended that :	
	(1) Member administrations should give the data separately for each transmission media route-wise to provide for the planning information for the optimum utilization of the network	The Secretariat will collect and disseminate data in tables already standardized and as recommended in this item
	(2) Standard symbols should be used in the traffic data tables for various media of transmission as follows : S = Satellite link C = Submarine Cable link T = Terrestrial link HF = HF radio link	- same -
	(3) Statistics should be collected annually for calender year within 3 months from the end of the year	The Secretariat will collect and disseminate data in tables already standardized and as recommended in this item

Source	Proposals	Comments/Actions Suggested
	(4) This data should be compiled and the APT Secretariat should take appropriate measures for its analysis and prepare a document for consideration by SG I (Reference may also be made to Recommendation against Q.1)	The Secretariat will collect and disseminate data in tables already standardized and as recommended in the item

20. Question 5 : Joint Ownership (Activity No. A1-b)

Considering that :

Joint ownership of regional transmission link is advantageous to

- accelerate upgrading of the transmission link
- generate funds for the rapid development of the regional network
- facilitate transfer of technology

It is recommended that :-

	(1) APT Secretariat should collect information from the member administrations about the existing and planned joint ownership projects	The Secretariat will collect necessary information and disseminate
	(2) Member administrations should send this information to APT expeditiously along with their comments about the advantages obtained	- same -
Meeting of APT SG II (1-6 Nov 1982)	21. Definition of Rural Area Taking into account the contributions received by the APT Secretariat from the various members regarding definition of rural areas as adopted by them and considering that the ITU Special Autonomous Group (GAS 7) is engaged in the task of revising the ITU Rural Telecommunication Handbook which may involve the revision of the definition as given at present of a rural zone, it is proposed that the APT may adopt the following definition of rural area and also inform the ITU of the same.	The Management Committee may consider and adopt the definition recommended by SG II

../ Any area

Source	Proposals	Comments/Actions Suggested

Any area outside urban areas (city, metropolis, township etc) and/or any area where the cost of providing service is relatively high (using pre-vailing* telecommunication equipment and practices of that country) and the direct return on invest-ment is low during the initial phase, and which meets any of the following characteristics would be defined as a rural area for telecommunication pur-poses :

(a) Difficult topographical conditions like deserts, mountains, vast spans of sea, forest, or marshy land and/or remoteness from national network

(b) Scarcity or absence of public facilities like reliable electricity supply, water, access roads, and regular transport

(c) Simplicity of life, where people are primarily concerned with survival and basic needs

(d) Sparse and scattered population distribution with relatively poor and/or temporary housing

(e) Scarcity or absence of health and educational facilities, currently hindered due to lack of telecommunications

(f) Economic activity limited to basic vocations like agricultural, fishing or cottage industry

Note : *Prevailing – the world "prevailing" is used in para (a) in preference to the word "conventional" because conventional telecommuni-cation equipment and practices in a given country might be totally different from another country

22. Standardization of sub-primary PCM Systems for use in Rural Telecommunications by APT Members
Taking into account the contributions received

The Management Committee may consider and standardize 10 channel sub-primary PCM system for use

Source	Proposals	Comments/Actions Suggested

by the APT Secretariat from the various members
regarding standardization of sub-primary PCM System
for use in rural areas (cable systems, radio systems
including digital PCM multiple access radio concen-
trator system) and noting that the 24 channel and
30 channel primary PCM systems have been standar-
dized for use by the APT members, in order to
improve the availability from a large number of
sources, and evolve uniform engineering standards
for the region, the need was felt to adopt APT's
standard for sub-primary PCM systems. The following
factors are to be considered :

(a) economic aspect

(b) geographic situation of the member countries

(c) capacity

(d) future development

(e) interface with the present and future trans-
mission and exchange equipments

At the present moment, the sub-primary PCM system
of 10 channel capacity is proposed as one of the
APT's standard. It was however felt that in order
to be able to adopt the APT's standard, more data
regarding the situation and demand of the member
administrations is to be collected and further
study is to be carried out.

23. Modernization of Switching System
Considering that the information contained in con-
tributions received and introduced by members who
were present at the meeting, dealing with the
experience certain members had gained in the drawing
up of the specifications, planning, engineering
and operation

- Noting that certain difficulties have arisen due
to inadequacy in their specifications and in their
analysis of the statistical and other operational
data

Comments column:

in rural telecommu-
nication in the region
provisionally and
further study to be
continued by SG II
as proposed

../It is recommended

Source	Proposals	Comments/Actions Suggested
	It is recommended that :	
	The SG II should engage itself in evolving model typical specifications for SPC electronic switching systems for both rural and urban applications and procedures to assist members who may gain from such information.	The Study to be continued by SG II and contribution to be submitted for dissemination

The Study Group II also took note of the Seminar on Digitalization of the Network to be held in Hong Kong in conjunction with Hong Kong Telephone Company in March 1983

24. Microwave Propagation Study

	Considering that the microwave propagation study would help in ensuring standard performance and the most economical engineering of radio relay systems, the APT Secretariat has circulated the format made available by the Nippon Telegraph and Telephone Public Corporation to members. The response is still awaited. After receipt of data in the format circulated, the APT Secretariat would pass on the same to Nippon Telegraph and Telephone Public Corporation for analysis.	On-going study programme proposed by SG II. The study date received from membership will be submitted by Secretariat to NTT Japan for analysis

25. Non-traditional Power Sources

- Considering that cost of solar cells has not shown any significant down ward trend

- that the technology of the design and manufacture of solar cells is developing at a fast pace, which may lead to reduction in their prices and

- noting that from the contribution received from the various members, it was obvious that the solar systems are to be introduced on a large scale

/It is...

Source	Proposals	Comments/Actions Suggested
	It is recommended that :	
	The APT Secretariat should continue to obtain as much information as possible on solar systems and other non-traditional power supply systems, more specifically on design, economic studies and actual projects from members and other sources and circulate these to Study Group II nominees.	APT Secretariat will collect and disseminate information.
	26. Quality of Service	Member administrations would be encouraged
	- Considering that the Quality of Service of a given network is judged by :	to study call completion rates. It is
	(a) the transmission performance	also covered by on-
	(b) the effectiveness performance	going Activity B-3 of
	(c) the service support performance	Work Programme and
	- Realising that from the point of view of traffic low, the compliance of the following requirements are necessary	more developing members are requested to participate in it.
	(a) Spread subscribers on the switching links to sustain uniform distribution of traffic	
	(b) Provision of requisite number of common equipment to meet the traffic needs	
	(c) Provision of requisite number of circuits on function and trunk routes to meet the accpeted grade of service	
	It is recommended that, initially	
	(i) To ensure compliance with the aforementioned requirements routine traffic measurements must be made, and where the measured values exceed the critical limit, appropriate measures must be taken to improve the performance	
	(ii) It is also equally important to monitor the call completion rate with a view to ascertaining	

../the rate

Source	Proposals	Comments/Actions Suggested

the rate of unsuccessful calls caused by subscribers with high calling rates. (if the category of such subscribers are high, then it is preferred that action is taken to provide additional DEL, preferably with hunting facilities so as to reduce the calling rate per line in order to improve the call completion rate).

(iii) Concerning transmission, it is preferred that the design and performance of local, junction and toll circuits conform to CCITT recommendations

(iv) The APT Secretariat should prepare and issue the necessary formats specifying the data to be submitted to the Secretariat for analysis with a view to establish acceptable standard for the Improvement of Call Completion Rate.

The Secretariat will initiate action and issue necessary formats.

27. The Study Group felt that the APT can provide assistance to the members in the following ways :
(a) exchange of information on new equipment and systems planned for application including their specifications, facility schedules, techno-economic feasibility studies, etc.

This is covered by on-going Activity C-1

(b) exchange of information on planning guidelines, construction and installation practices, operation and maintenance of new equipment and system introduced in the national networks

- same -

(c) by holding seminars, workshops on subject of maximum and immediate interest to members

The Study Group II recommends holding seminars on "External plant" to cover Construction, Maintenance, and Operation of Cable Networks (including splicing technique, pressurization, location of faults, and trouble shooting).

The Seminar, proposed by SG II was included in Work Programme for 1983 Item C-4 for consideration and approvel

../(d) by providing

Source	Proposals	Comments/Actions Suggested
	(d) by providing fellowships and arranging training in areas/subjects and provide consultants for specific studies and projects as may be requested by members	This is covered by on-going Activities D-1 and D-2 of Work Programme
	(e) by offering assistance in establishment of inspection, testing and development centres and laboratories in the requesting member countries for helping them in their endeavour in development and selection of suitable products for use in their networks particularly in the tropical environment.	This may be done under on-going Activity D-5 of Work Programme if sufficient funds were available and priority was given.
International Council for Computer Applications (ICCC)	28. The draft proposal from the Secretary General of ICCC in his letter of 29 September 1982 to the Executive Director is as shown below :	The Management Committee may consider the proposals suggest suitable topies, if the Seminar is agreed and required funds should be provided in Budget for 1984.

DRAFT PROPOSAL : INTELLIGENT SOFTWARE SEMINAR

DATES : November 6, 7, 8 1984
PLACE : Bangkok (alternates : Singapore or Bombay)
SPONSORS : Asia Pacific Telecommunity and ICCC
FORMAT : First Day, AM - lecture session
                      PM - lecture session
           Second Day, AM - lecture session
                      PM - response by attendees and
                              discussions
           Third Day, AM - panel discussion
                      PM - informatl consulting
TOPICS : (tentative selection)
1. Applications of artificial intelligence to
distributed information systems
2. Socio-economic impacts for future development
of distributed machine intelligence
3. Computerized information systems in education
4. Computerized information systems in medicine
and disaster relief.

../MOTIVATION

Source	Proposals	Comments/Actions Suggested

MOTIVATION AND RELEVANCE :

The creation of software for distributed information processing systems has greater significance than just an opportunity for employment to the peoples in developing countries. It is however a much more labor intensive industry than most production of durable goods. While the production of computer hardware is greatly sensitive to economies of scale and highly capital intensive, the software industry can be entered with only a modest investment in the computer systems necessary to support the development process. The countries of the Asia Pacific Telecommunity have an excellent opportunity to enter this field.

An even more important consideration is the necessity for easy public, governmental and industrial access to distributed information systems. These systems will provide, increasingly, the means for public education and medical services, for efficient government, for the management of emergency situations and for efficient commerce and industry.

In order to enter the age of the computer society on a relatively self-sufficent basis, a developing country must have a thriving software industry and a growing public awareness of the availability and usefulness of its distributed information systems.

The proposed seminar will address a number of aspects of the future development and applications of intelligent information systems and will survey the present state of the art.

SUPPORT OF SPEAKERS :

It is expected that approximately ten speakers will participate in the seminar. Their support by the Asia

../Pacific

Source	Proposals	Comments/Actions Suggested
	Pacific Telecommunity should include local transportation, food and lodging for four days and a cash grant for incremental air travel. For the latter, an amount equal to the tourist class air fare between Sydney to Bangkok (one way only) should suffice. ICCC will organize the programme in consultation with the Asia Pacific Telecommunity and will provide the speakers.	

STATUS

This draft proposal is subject to approval by the
Asia Pacific Telecommunity and the Executive Committee
of the ICCC.

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DEFINITION OF RURAL AREA

Taking into account the contributions received by the APT Secretariat from the various members regarding definition of rural areas as adopted by them and considering that the ITU Special Autonomous Group (GAS 7) is engaged in the task of revising the ITU Rural Telecommunication Handbook which may involve the revision of the definition as given at present, of a rural, the Management Committee adopted the following definition of rural areas for the APT Region.

Definition

Any area outside urban areas (city, metropolis, township, etc and/or any area where the cost of providing service is realatively high (using prevailing* telecommunication equipment and practices of that country) and the direct return on investment is low during the initial phase, and which meets any of the following characteristics would be defined as a rural area for telecommunication purposes.

(a) Difficult topographical conditions like desert, mountains, vast span of sea, forest or marshy land and/or remoteness from national network

(b) Scarcity or absence of public facilities like reliable electricity supply, water, access roads, and regular transport

(c) Simplicity of life, where people are primarily concerned with survival and basic needs

(d) Sparse and scattered population distribution with relatively poor and/or temporary housing

(e) Scarcity or absence of health and education facilities, currently hindered due to lack of telecommunications

(f) Economic activity limited to basic vocations like agricultural, fishing or cottage industry.

Note : *Prevailing - the word "prevailing" is used in para (a) in preference to the word "conventional" because conventional telecommunication equipment and practices in a given country might be totally different for another country.

STANDARDIZATION OF SUB-PRIMARY PCM SYSTEMS FOR USE IN
RURAL TELECOMMUNICATION BY APT MEMBERS

Taking into account the contributions received by the APT Secretariat from the various members regarding standardization of Sub-Primary PCM Systems for use in rural areas (cable system, radio system including digital PCM multiple access radio concentrator system) and noting that the 24 channel and 30 channel primary PCM systems have been standardized for use by the APT members, in order to improve the availability from a large number of courses, and evolve uniform engineering standards for the region, the need was felt to adopt APT's standard for sub-primary PCM system. The following factors are to be considered:

(a) economic aspect

(b) geographic situation of the member countries

(c) capacity

(d) future development

(e) interface with the present and future transmission and exchange equipment.

At the present moment, the sub-primary PCM system for 10 channel capacity was provisionally adopted as one of the APT's standard by the Management Committee.

The Management Committee however decided that in order to be able to adopt the APT's standard, more data regarding the situation and demand of the member administrations is to be collected and further study should be carried out by the Study Group II.

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