



Cyprus Telecommunications Authority

27th Annual Report 1982

CYPRUS TELECOMMUNICATIONS AUTHORITY

**TWENTY - SEVENTH ANNUAL REPORT
AND ACCOUNTS**

FOR THE YEAR ENDED

31st December, 1982.

[PRICE 50 mils]

CYPRUS TELECOMMUNICATIONS AUTHORITY

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28th September, 1983.

Your Excellency,

The 27th Annual Report and Accounts of the Cyprus Telecommunications Authority are hereby submitted in compliance with Section 22 of the Telecommunications Service Law 1954 (Cap 302) as amended by Laws 20/60, 34/62, 25/63 and 54/77.

On behalf of the members of the Authority, I wish to express our sincere thanks to the Government of the Republic in general and to your Ministry in particular, for the manifold assistance and guidance afforded to us, whenever required.

We assure, your Excellency, of our unceasing efforts for the continued progress of telecommunications in our island so that the enviable position enjoyed by the Authority internationally in this field is maintained.

Yours faithfully,

A. Demetriades,
Chairman.

His Excellency,
The Minister of Communications and Works,
Mr. Chr. Mavrellis,
Nicosia.

CYPRUS TELECOMMUNICATIONS AUTHORITY

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(As from 29th July, 1982).

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Members : L. Tryfon, B.Com., B.A.

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G. P. Cacoyiannis, M.A. (Oxon)
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E. Ch. Kittis, Advocate - LLB Athens University (as from 18.3.82)

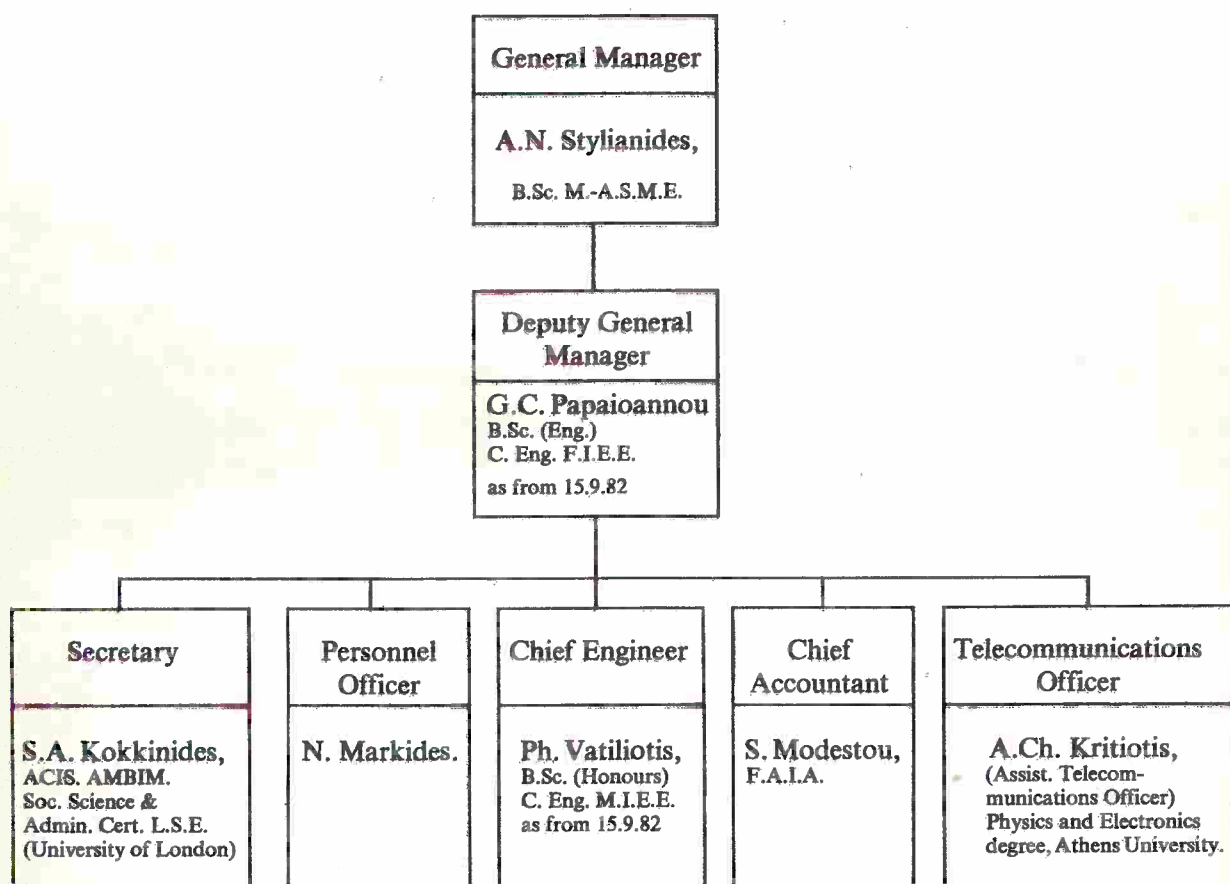
A. Malaos, M.A. (Development Economics) (Until 4.8.82)

M. Tritoftides, Doctor of Medicine (As from 5.8.82)

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*LEFKA	— Lefka	Tel. 078-17-459

* *The telephones are out of operation due to the occupation of the area by the Turkish Invading Army.*

CONTENTS

1. INTRODUCTION	13
2. TECHNICAL SERVICES	15
A. General	15
B. Planning and Development	15
C. Construction	20
D. Maintenance	35
E. General Telecommunications Facilities	36
3. INTERNATIONAL NETWORK AND SERVICES OPERATION	41
4. ADMINISTRATION AND STAFF	50
5. COMMONWEALTH TELECOMMUNICATIONS ORGANIZATION (C.T.O.)	57
6. FINANCIAL REPORT	59
7. ACCOUNTS	65

1. INTRODUCTION

1. The Cyprus Telecommunications Authority is a Public Corporation, established by Law 67 of 1954 (Cap. 302), as amended by Laws 20/60, 34/62, 25/63 and 54/77 and is answerable to the Council of Ministers, through the Minister of Communications and Works, whose power over its activities is regulated by the Service Law as amended by Law 25/63, Section 3. The Authority's main responsibility is, by virtue of the abovementioned Law, the provision, maintenance and development of a comprehensive telecommunications service, both local and overseas.

2. The Authority's Board had 14 meetings in 1982 for the study and approval of policies and plans appertaining to the current operations and to the further development and modernization of all services provided by the Authority.

3. Comprehensive information on the undermentioned subjects, depicting the Authority's activity in 1982, are given in the pages that follow:-

- a. The services provided.
 - b. The plans for expansion and modernization.
 - c. The construction works and maintenance methods employed.
 - d. The relations with its staff and foreign Telecommunications Administrations.
 - e. The Financial Report.
 - f. The Accounts and Auditors' Report.
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2. TECHNICAL SERVICES

A. GENERAL

The main effort of the Authority's technical services is directed always towards (a) the satisfaction of the demand for inland and overseas telecommunications, (b) the maintenance of good quality service and (c) the preparation of plans for a well programmed expansion of the facilities to cover all areas of the island.

The abovementioned effort was diligently pursued during the year under review, and particular attention was paid to the rural development, without neglecting the urban areas.

B. PLANNING AND DEVELOPMENT

A number of studies were carried out for the improvement of all existing services and facilities as well as for the introduction of new ones.

To this effect plans and studies were made, specifications prepared and tenders invited.

Details on the main projects planned in 1982 are given below:

1. Local Telephone Exchanges

1.1 Zone Main and Satellite Exchanges

Feasibility studies and the planning of a number of projects for the improvement and expansion of the telephone service continued in 1982.

As a result of these studies orders were placed for switching equipment for the further expansion of the Nicosia, Paralimni, Larnaca, Limassol and Paphos exchanges.

The table below shows the planned increase in line capacity of the urban telephone exchanges.

Urban Exchange Area	Subscriber Line Capacity			
	Existing in 1982	Under Installation	On Order or in stock	Total Capacity planned for 1983
Nicosia	60,000	8,000	1,000	69,000
*Famagusta	11,000	—	1,000	12,000
Larnaca	9,000	—	7,000	16,000
Limassol	28,000	7,000	3,000	38,000
Paphos	4,000	—	3,000	7,000
*Morphou	1,400	—	—	1,400
*Kyrenia	1,400	—	—	1,400
Total	114,800	15,000	15,000	144,800

* The urban areas of Morphou and Kyrenia are occupied by the occupational Turkish Forces, whilst that of Famagusta is partly occupied and now contains only the Paralimni Exchange with 2,000 subscriber line capacity.

1.2 Rural Exchanges

Additional plans were prepared for the further implementation of the five year rural development plan.

The table below shows the planned increase of rural exchanges and their planned capacities in 1983, on a per zone basis.

Zone	Existing in 1982		Under Installation		On Order or in Stock		Totals	
	Number of Exchanges	Sub Line Capacity	Number of Exchanges	Sub Line Capacity	Number of Exchanges	Sub Line Capacity	Number of Exchanges	Sub Line Capacity
Nicosia	10	4,350	1	1,800	—	1,400	11	7,550
Famagusta*	5	500	1	100	1	1,000	7	1,600
Larnaca	5	1,400	1	1,000	1	1,600	7	4,000
Limassol	6	2,650	2	700	1	1,200	9	4,550
Paphos	6	1,550	—	—	—	—	6	1,550
Morphou*	3	400	—	—	—	—	3	400
Kyrenia*	2	350	—	—	—	—	2	350
Total	37	11,200	5	3,600	3	5,200	45	20,000

* All the existing rural exchanges of the Famagusta, Morphou and Kyrenia zones, together with one rurax of the Nicosia zone, are occupied by the Turkish invasion forces since July 1974.

1.3 International Telephone Exchange

Specifications were prepared and orders placed for the extension of the I.T.E. (International Telephone Equipment) trunk and associated common control equipment, to meet the anticipated demand up to 1986. (International traffic increased by 28.5% in 1982).

1.4 National/International Telex Exchange

All details were finalized and an order placed for the extension of this exchange from 2560 to 4096 line terminal units.

In order to safeguard uninterrupted operation, an uninterruptible power supply system was placed on order, to cater for the telex exchange and the computerized directory assistance system.

1.5 Subscribers' Terminal Equipment and Services

Orders were placed for the provision of telephone instruments, key-systems and private automatic branch exchanges, to meet the forecasted demand. Specialized testing equipment was ordered for use in repairing the printed circuit boards of the Electronic PABXs.

Consultation was also provided to a number of subscribers on request and the evaluation of the equipment supplied by third parties, prior to its approval for connection on to the Authority's network, continued during 1982.

2. National Communications Network and Ancillary Equipment

2.1 Equipment delivered in 1982

The following Radio, Multiplex and Ancillary equipment was received during 1982:-

2.1.1 Radio and Multiplex for Nicosia-Kakopetria.

2.1.2 Multiplex for Nicosia-Mt. Olympus.

2.1.3 UHF (Ultra High Frequency) Radio and/or Multiplex equipment for

Athienou-Kionia,
Nicosia-Kokkinotrimithia,
Limassol-Erimi,
Limassol-Platres.

2.1.4 Telex subscribers terminal units.

2.1.5 "Receive only" teleprinters for the Reuter's service.

2.1.6 Portable VHF (Very High Frequency) transceivers for the Authority's services.

2.2 Equipment scheduled for delivery in 1983

Equipment for the undermentioned stations, is scheduled for delivery in 1983, following successful feasibility studies and the subsequent placing of orders:-

Ayia Napa-Kionia
Pera-Acropolis
Zyyi-Kionia
Lefkara-Kionia
Pelendria-Kionia
Polis-Lara
Mt. Olympus-Kionia
Nicosia, Limassol, Larnaca, Paphos, Kili and
Lara (multiplex equipment).

2.3 Tenders were invited for the supply of the following:-

2.3.1 UHF radio mobile system for the Authority's services.

2.3.2 Communication recorder and Non-Directional Beacon for the Department of Civil Aviation.

3. Line Plant Planning and Development

3.1 Urban Development

Plans were made and studies carried out for further expansion of the underground and overhead network in the towns of Nicosia, Limassol, Larnaca and Paphos, as detailed below:-

3.1.1 Nicosia

3.1.1.1 Main cable for the Platy Community.

3.1.1.2 Main cable for the Ayios Andreas Ave. area, at Pallouriotissa.

3.1.1.3 Cabling of Eylenja, Pano and Kato Lakatamia, Anthoupolis and Archangelos area.

3.1.2 Limassol

3.1.2.1 Cabling of Ayia Phyla village and of the area on either side of Ayia Phyla road, including the Tsirion stadium area.

3.1.2.2 Cabling of Pano and Kato Polemidhia villages, including the self housing communities.

3.1.2.3 Cable was installed along the Limassol-Moni pole route, to facilitate new installations.

3.1.3 Larnaca

Cabling of the new Larnaca Hospital area and the Kamares locality.

3.1.4 Paphos

3.1.4.1 Cabling of the areas on either side of Paphos-Polis road up to Mesoyi village.

3.1.4.2 Cabling of part of Ayios Pavlos quarter near the Moslem cemetery.

3.2 Preparatory work for diversions and emergency plans for clearing the waiting list were carried out, and many studies were made for the removal and/or diversion of the Authority's plant affected by road widenings and building works, in all areas of the island.

3.3 Rural Development

Plans were made and studies carried out for the expansion of the telephone network in various villages, according to the 4-year rural development programme as detailed below (zone by zone):-

3.3.1 *Nicosia*

Apliki, Pharmakas, Kambi, Klirou, Malounda, Aredhiou, Ayios Ioannis, Peristerona, Yeri, Mammari (additional), Dhenia, Kokkinotrimithia (additional), Paleometokho (additional), Ayii Trimithias (additional).

3.3.2 *Limassol*

Arsos, Prodromos, Pedhoulas, Lemythou, Dhymes, Potamitissa, Kato Mylos, Kyperounda (additional), Pelendria, Kato Amiandos.

3.3.3 *Larnaca*

Athienou, Kato Drys, Vavla, Layia, Ayios Theodoros, Aradhippou (additional), Avgorou (additional), Xylophagou (additional), Alethriko Public Telephone Kiosk.

3.3.4 *Paphos*

Mesoyi, Trimithousa, Mesakhorio, Theletra, Kathikas, Ayios Demetrianos, Drymou, Simou, Dhrinia, Lasa, Phiti, Neokhorio, Thalassines Spilies locality (Peyia), Ayios Georghios locality (Peyia), Mandria, Stroumbi, Prodromi, Lachi, up to Aphrodite's Baths, Kilinia, Galataria.

3.4 *Industrial Estates*

Plans were made and estimates prepared for the provision of telephone service to the Yeri—Dhali industrial zone.

3.5 *Government Housing Communities*

Plans were made and estimates prepared for the provision of the necessary facilities for the installation of telephone cables, as well as for the installation of public telephone kiosks, at the following Government Communities:-

3.5.1 *Nicosia*

3.5.1.1 Ayios Mamas

3.5.1.2 Archangelos Michael

3.5.1.3 Anthoupolis

3.5.1.4 Aspres

3.5.1.5 Apostolos Loucas, Latsia

3.5.1.6 Apostolos Andreas, Latsia

3.5.2 *Limassol*

3.5.2.1 Linopetra

3.5.2.2 Makarios III

3.5.3 *Larnaca*

3.5.3.1 *Kamares II*

3.5.3.2 *Makarios III*

3.5.3.3 *Zenon*

3.5.3.4 *Akhna Forest Self Housing Community.*

3.6 *Duct Crossings in New Building Sites*

All approvals for the division of land into building sites, for the whole of the island, given by Municipalities and District officers, were dealt with.

3.7 *Access Cabling and Block Wiring*

More than 500 cases have been treated during 1982. All studies carried out by licenced electricians were checked and approved, and the necessary plans and schedules for the connection of these buildings to the Authority's network, prepared. In many cases site instruction was also given.

C. **CONSTRUCTION.**

The construction of almost all engineering projects is undertaken by the personnel of the Authority. However, certain types of projects, such as the digging of holes for the erection of telephone poles, the excavation of trenches, the laying of ducts and the construction of manholes are contracted out to local firms for execution.

During the year under review, the following projects were undertaken and executed by the Authority's personnel.

1. **Telephone Exchanges**

1.1 *International Telephone Exchange*

The work for further expansion of this exchange was completed and 90% of the work for the replacement of the paper tape recorders for International Accounting, was carried out by a Magnetic Tape System.

1.2 *National Zone Centre Exchange*

Interworking equipment was installed at the Nicosia National and Zone Centre Exchange to operate with the International Telephone Exchange in order to cope with the increased traffic.

1.3 *Urban Exchanges*

1.3.1 *Nicosia Exchanges*

1.3.1.1 The Latsia crossbar exchange of 3,000 lines capacity was completed.

1.3.1.2 Acropolis exchange. The work for the installation of 5,000 lines of crossbar type commenced.

1.3.2 *Limassol Exchange*

1.3.2.1 At Amathus, the work for the installation of the 3,000 lines crossbar exchange was completed.

1.3.2.2 The work on the Limassol crossbar exchange commenced and is expected to finish in 1983, bringing its total number of lines to 32,000 when completed.

1.3.3 *Larnaca Exchange*

1.3.3.1 At Larnaca crossbar exchange, equipment for the expansion of the exchange by 1,000 lines was installed, bringing the total number of lines to 10,000.

1.4 *Rural Exchanges*

The Authority within the approved plans for the provision of service to the rural areas, proceeded with extensive expansion of its network completing work on a number of exchanges and starting work on others.

1.4.1 *Dhali Exchange*

Additional equipment was installed, increasing the capacity from 600 to 1,000 lines.

1.4.2 *Palekhori Exchange*

A 250 line rural exchange was installed to provide telephone service to the area.

1.4.3 *Lakatamia Exchange*

Work commenced for the installation of a 3,000 line exchange and it is expected that it will be ready for service in 1983.

1.4.4 *Kokkinotrimithia Exchange*

Work commenced for the installation of a 1,000 line exchange and it is expected to be completed in 1983.

1.4.5 *Dheftera Exchange*

The extension of the exchange from 600 to 1,000 lines commenced and it is expected that it will be completed in 1983.

1.4.6 *Evdhimou Exchange*

Work for the installation of a new crossbar exchange of a capacity of 600 lines was completed.

1.4.7 *Agros Exchange*

A new crossbar exchange of 600 lines capacity was installed.

1.4.8 *Erimi Exchange*

The work for the installation of a new 600 line crossbar exchange commenced and it is expected it will be completed in 1983.

1.4.9 *Platres Exchange*

The necessary work for the installation of the equipment to extend the capacity of this exchange from 600 to 1,000 lines was completed.

1.4.10 *Ormidhia Exchange*

A new crossbar exchange of 600 line capacity was installed.

1.4.11 *Paralimni Exchange*

The work for the installation of 2,000 line exchange has been completed.

1.4.12 *Vrysoulles Exchange*

A 100 line rural exchange was under installation to provide telephone service to the area.

1.4.13 *Peyia Exchange*

The installation of a 600 line exchange was completed.

1.4.14 *Ayios Nicolaos (Paphos) Exchange*

The work for the installation of a 100 line rural exchange commenced and it is expected to be completed in 1983.

1.4.15 *Kakopetria Exchange*

The work for the installation of a new crossbar rural exchange of 600 line capacity was completed.

1.4.16 *Mosphiloti Exchange*

Installation of a 300 line exchange at Mosphiloti was completed.

1.4.17 *Kiti Exchange*

Installation of a new crossbar exchange of 1,000 lines capacity commenced.

1.4.18 *Statos-Ayios Photios Exchange*

The installation of a 100 line exchange at Statos-Ayios Photios was completed.

The above is indicative of the Authority's interest for the development of the rural network, thus contributing to the Government efforts to discourage the movement of rural population to the urban centres, by providing, inter alia, such services and amenities that will bring the village standard of living to levels equal, as far as possible, to that of the towns.

1.5 *Subscribers Private Exchanges*

The demand for Private Automatic Branch Exchanges (P.A.B.Xs) continued in 1982.

In all 173 P.A.B.Xs were installed at various private business establishments, all over Cyprus.

Comparative figures of the existing capacity of lines of the various urban, rural and private exchanges for 1981 and 1982 are shown in the following table:-

Exchange Areas	1981		1982	
	No.	Capacity	No.	Capacity
Urban	9	103,800	11	114,800
Rural	32	8,050	38	11,200
Total	41	111,850	49	126,000

Private Automatic Branch Exchanges	577	19,432	750	29,150
Private Manual Branch Exchanges	2,380	28,461	2,746	29,594

2. Line Plant

2.1 General

During 1982, the underground cable network was expanded further and this necessitated the construction of additional manholes and the laying of ducts.

For the expansion of the overhead line network new pole routes were constructed.

The comparative tables below, give an indication of the work done in 1982:-

Table 1

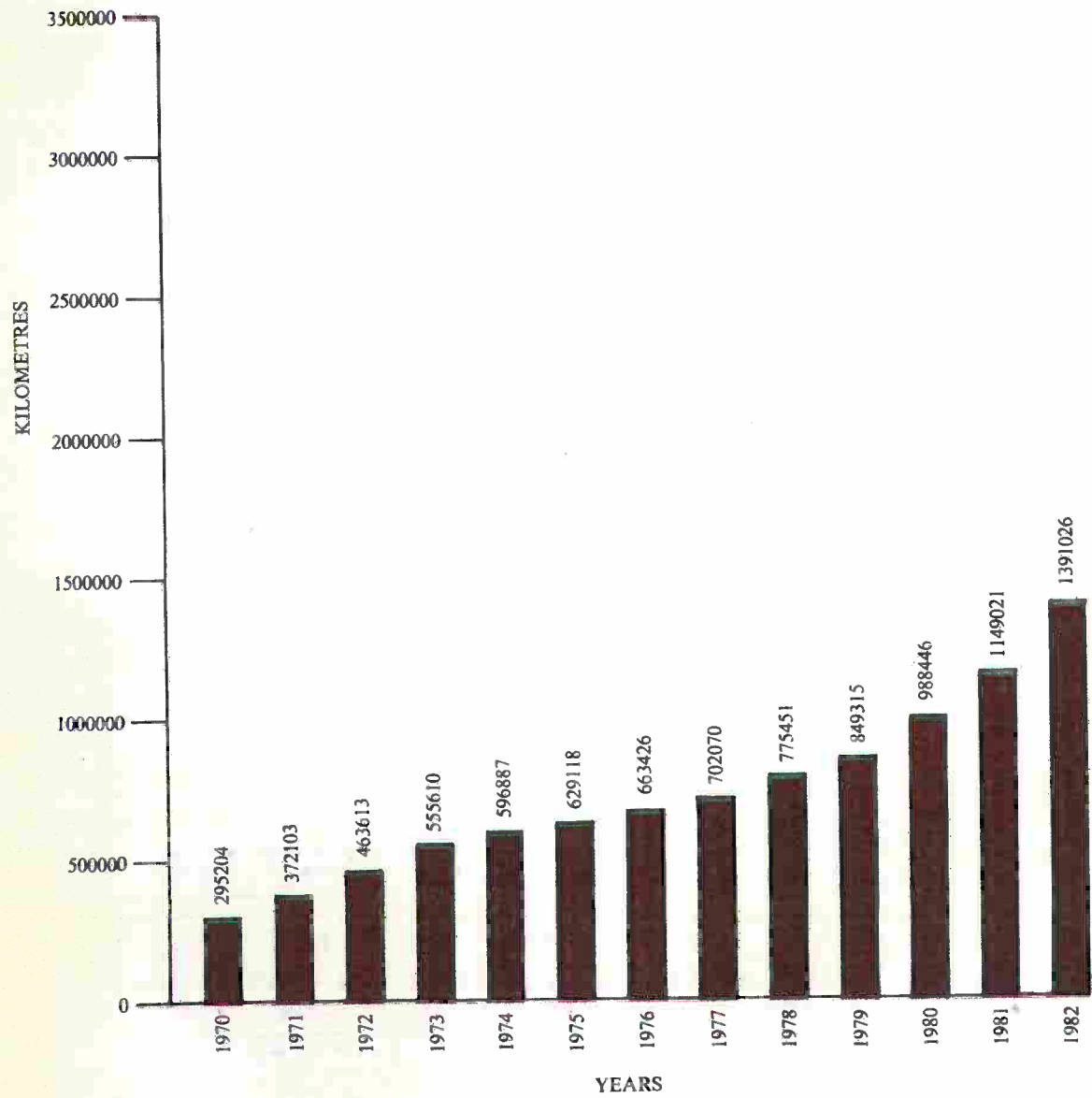
	Unit	1979	1980	1981	1982
Manholes Constructed	No.	228	389	374	496
Duct lines laid	Km	165.3	252.9	290.7	358.9
Cable Laid	Km	203.5	357.9	387.4	727.7
Above cable in single wire	Km	76,958	138,923	160,491	242,005

Table 2

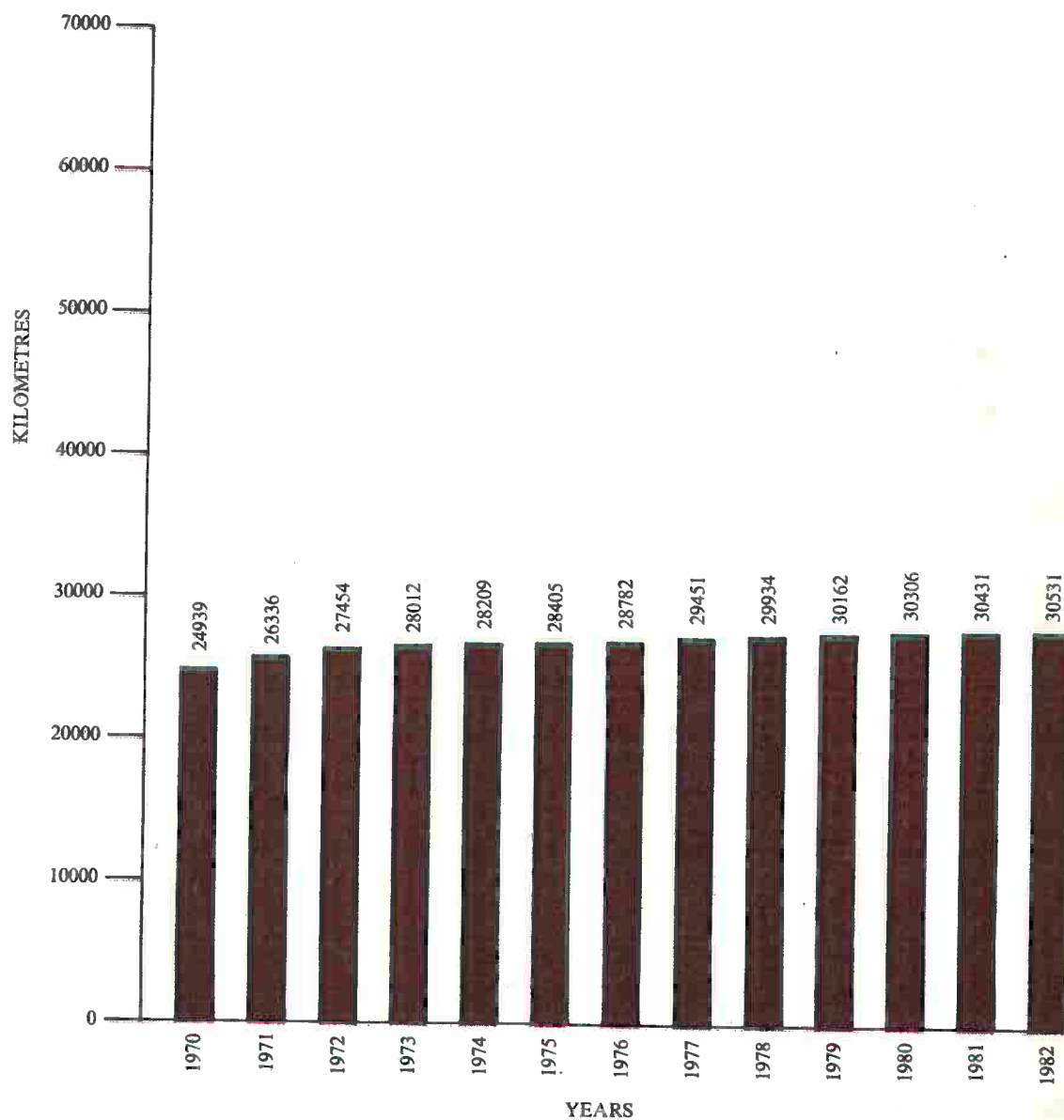
	Unit	1979	1980	1981	1982
Pole route installed	Km	48	87	88.5	88
Single wire installed	Km	228	143	125.5	99.2
Pole route overhauled	Km	185	39	35.4	86.4
Single wire overhauled	Km	4,658	338	235	1,593

The growth of the underground and overhead wires run since 1970 is shown on Graphs "A" and "B" respectively.

GRAPH "A"
UNDERGROUND CABLES SINGLE WIRE LAID



GRAPH "B"
OVERHEAD SINGLE WIRE INSTALLED



2.2 Urban Line Plant

Urban line plant construction work was carried out at various areas and suburbs of the Nicosia, Larnaca, Limassol and Paphos towns.

2.3 Rural Line Plant

Rural line plant construction work was carried out at the various villages as shown below:-

2.3.1 Nicosia Zone

2.3.1.1 Kokkinotrimithia area.

2.3.1.2 Mosphiloti area for Kornos, Pyrga, Mosphiloti, Shia, Psevdas and Ayia Anna villages.

2.3.1.3 Dhali area for Lymbia, Potamia, Dhali, Nisou, Perakhorio, Alambra, Ayia Varvara, Mathiatis and Lythrodhonda villages.

2.3.1.4 Palekhori area for Palekhori, Askas, Phterykoudhi, Alona and Platanistasa.

2.3.1.5 Athienou area for Athienou village.

2.3.1.6 Dheftera area for Ergates village.

2.3.2 Limassol Zone

2.3.2.1 Agros area for Agros, Agridhia, Khandria, Kyperounda, Ayios Ioannis and Ayios Theodoros.

2.3.2.2 Evdhimou area for Paramali, Pissouri, Evdhimou, Prastio, Anoyira and Pakhna villages.

2.3.2.3 Ayios Nicolaos area.

2.3.3 Larnaca Zone

2.3.3.1 Aradhippou area and Ayios Ioannis Community.

2.3.3.2 Ormidhia area for Ormidhia and Avgorou villages.

2.3.3.3 Skarinou area for Kophinou Community and Livadhia Self Housing Community.

2.3.3.4 Kiti area for Kiti and Tersefanou, Meneou, Dromolaxia and Pervolia villages.

2.3.4 Famagusta Zone

2.3.4.1 Paralimni area for Paralimni, Protaras and Ayia Napa.

2.3.4.2 Vrysoulles area.

2.3.5 *Morphou Zone*

2.3.5.1 Peristerona area for Meniko and Orounda villages.

2.3.5.2 Kakopetria area for Kakopetria, Galata and Evrykhon villages.

2.3.5.3 Tsakkistra area for Kambos village.

2.3.6 *Paphos Zone*

2.3.6.1 Line plant expansion work was carried out at the Akhelia area, Polis and Khlora village. The Theletra call office was relocated.

3. Radio and Multiplex Equipment Installations.

3.1 UHF Radio and Multiplex equipment were installed at the dependent exchanges (ruraxes) for operation with their respective zone centre exchanges.

The following table shows the number of new telephone channels, which were installed at various stations in the island, either replacing already existing ones, or increasing the number of channels, thus improving the telephone service offered by the rural exchanges:-

No. of new telephone channels installed	Station
36	Ormidhia
36	Larnaca
24	Peyia
48	Paphos
36	Dheftera
48	Nicosia
36	Evdhimou
36	Agros
24	Palekhor
120	Paralimni
12	Statos
60	Dhali
12	Klirou
24	E/Station
60	Madhari
60	Pissouri
12	Peristerona
120	Limassol

A total of 804 new telephone channels, six music channels and 24 digital channels were installed during 1982.

In order to effect the above, ten new radio links were set up as shown below:-

Type of equipment	From	To	Capacity/Equipped
UHF Radio Link	Larnaca	Ormidhia	120/36
"	Nicosia	Dheftera	60/36
"	Pissouri	Evdhimou	60/36
"	Madhari	Agros	60/36
"	Kionia	Palekchori	60/24
"	Kionia	Dhali	120/60
"	Kionia	Paralimni	120/120
"	Paphos	Peyia	60/24
"	Nicosia	Klirou	24/24
SHF Radio Link	Kionia	Zyyi	960/6

The equipment referred to Kionia-Zyyi above, provides 6 high quality audio programme channels to the British East Mediterranean Station at Zyyi, from the BBC London, via Madley Earth Station in England and "MAKARIOS 2" Satellite Earth Station in Cyprus, by utilizing the Indian Ocean Region oriented Intelsat Satellite.

3.2 Madhari Repeater Station Expansion

Multiplex equipment, with 38 supergroups and ancillary units, was installed at Madhari, in order to provide group and supergroup facilities for the inland network. Multiplex equipment of 60 channel capacity, was also installed.

3.3 Pissouri Repeater Station Expansion

Multiplex equipment, equipped with 28 supergroups and ancillary units, was installed at Pissouri in order to provide group and supergroup facilities for the inland network. Multiplex equipment for 60 telephone channels capacity was also installed.

3.4 Open wire line Carrier Systems

Open wire line Carrier were installed and are utilized for providing service to:-

3.4.1 Mosphiloti rurax and

3.4.2 Statos-Ayios Photios rurax.

3.5 V.F.T. (Voice Frequency Telegraph) and T.D.M. (Time Division Multiplex)

3.5.1 Nicosia Transmission Centre Installations

Five racks of T.D.M. equipment each of 45 channels capacity, fully equipped, were installed at Nicosia Transmission Centre. Fourty five channels were used for overseas telex operation and the remaining ones for telex service provision to subscribers.

3.5.2 *Limassol Transmission Centre Installations*

Three T.D.M. equipment each of 45 channels capacity, fully equipped were installed at the Limassol Transmission Centre, thus increasing the number of V.F.T. channels there by 135.

3.5.3 *Larnaca Transmission Centre Installations*

One T.D.M. equipment of 45 channels capacity, fully equipped was installed at the Larnaca Transmission Centre.

3.5.4 *Paralimni Transmission Centre Installations*

One V.F.T. of capacity 24 channels was installed, to enable provision of telex service to the area.

3.5.5 *Peristerona Rurax*

Two 10 channel V.F.T. systems were installed one at the Nicosia Transmission Centre and one at the Peristerona rurax, in order to enable provision of telex service to the area.

A total of 214 new inland V.F.T. channels, were installed all over Cyprus, bringing the total to 3,223.

3.6 *Telemetering Installations*

Supervisory terminals were installed and are used to provide alarm information from unattended stations, to the relevant centres in order to facilitate speedy location of faults.

4. *Earth Station Expansion*

4.1 The SPADE system for the "Standard A" earth station was put in operation in February 1982 and provides service on demand to 12 countries utilizing the A.O.R. (Atlantic Ocean Region) satellite.

4.2 The "MAKARIOS 2" earth station, employing an 11.8m antenna, was received, installed and tested in the period August-October 1982. It was put into service, with INTELSAT V Indian Ocean Primary Satellite, in October. This new earth station provides telephone service with 16 channels to Australia and leased sound programme service between U.K. and Cyprus, for the British Broadcasting Corporation.

5. *Subscribers Telephone Installations*

The Authority's primary aim is to satisfy promptly all applications received. However, in certain cases this is not possible for technical reasons, and the applications have to be put on the waiting list.

Details of the applications received for telephone service and the installations effected are given below:-

	1979	1980	1981	1982
Applications in hand as at 1st January	8,035	11,919	17,839	22,939
New applications received during the year	13,758	15,896	21,011	25,992
Applications for new direct exchange lines, released for installation during the year ..	8,683	8,404	12,999	11,383
Applications cancelled during the year	1,191	1,572	2,912	2,295
Applications on the waiting list as at the end of the year	11,919	17,839	22,939	35,253
Removals	2,974	3,563	3,626	3,716
Withdrawals	1,007	1,382	1,616	1,880
New Installations	7,121	6,266	10,469	7,988

Note: Figures for the areas under Turkish occupation are not included in the above table.

The growth in the direct exchange lines is shown in Graph 'C'.

The table below shows the number of works orders executed at the zones, for telephone installations and associated works:-

	1978	1979	1980	1981	1982
Nicosia (including Kyrenia and Morphou)	8,616	10,307	16,138	13,406	13,902
Limassol (including Paphos and Platres)	5,368	6,278	14,150	8,996	8,466
Larnaca (including Famagusta)	2,115	2,452	3,206	3,975	3,934

The Authority continued to provide its services to the Government, National Guard, UNFICYP and the British Sovereign Base areas.

6. Subscriber Telex Installations

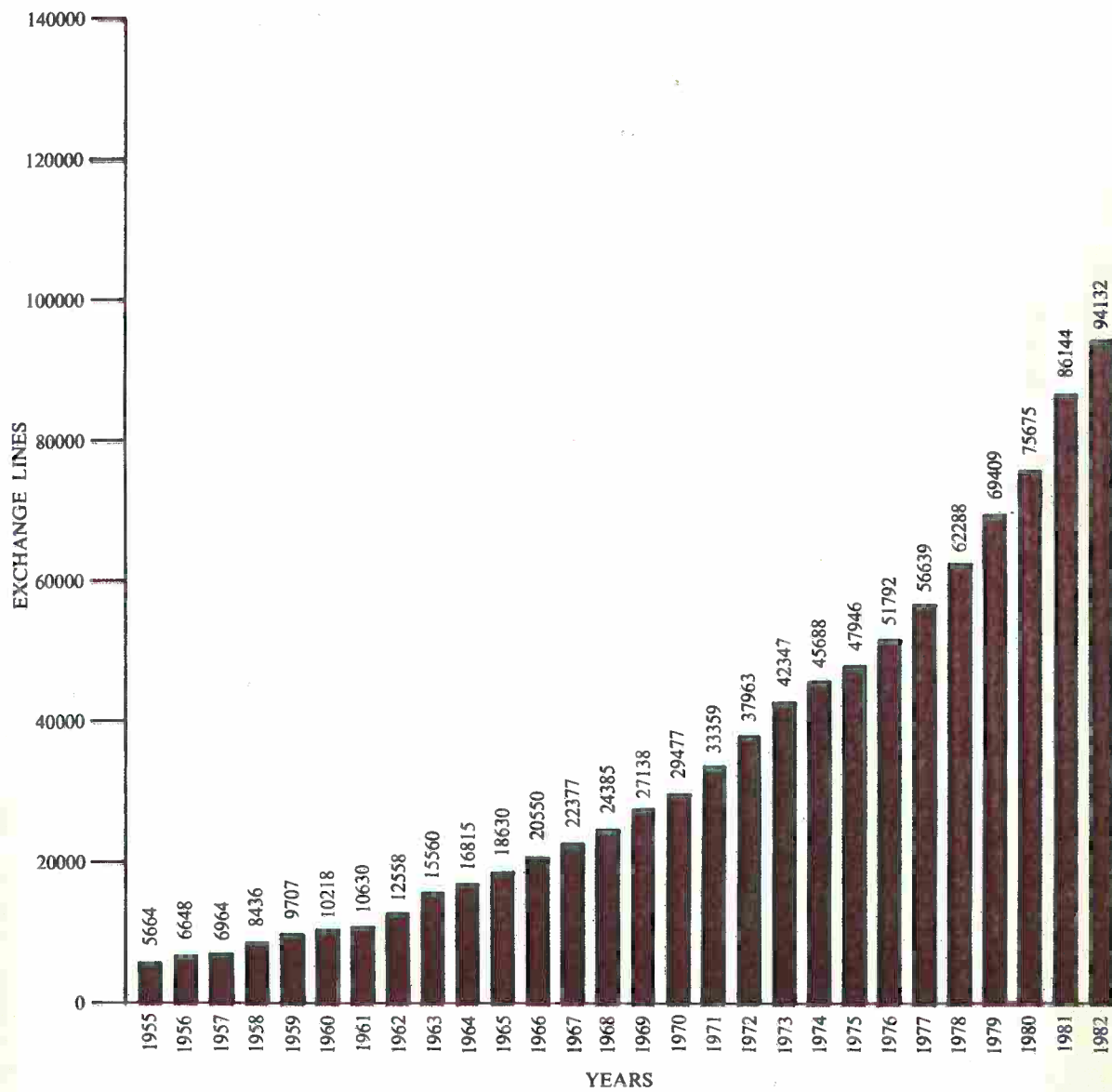
In 1982, the demand for installations of telex subscribers' units continued at the same rate as in the previous year.

In all 360 new telex units were installed, bringing the total number of telex subscribers to 2,249. See graph "D".

GRAPH "C"
GROWTH OF DIRECT EXCHANGE LINES

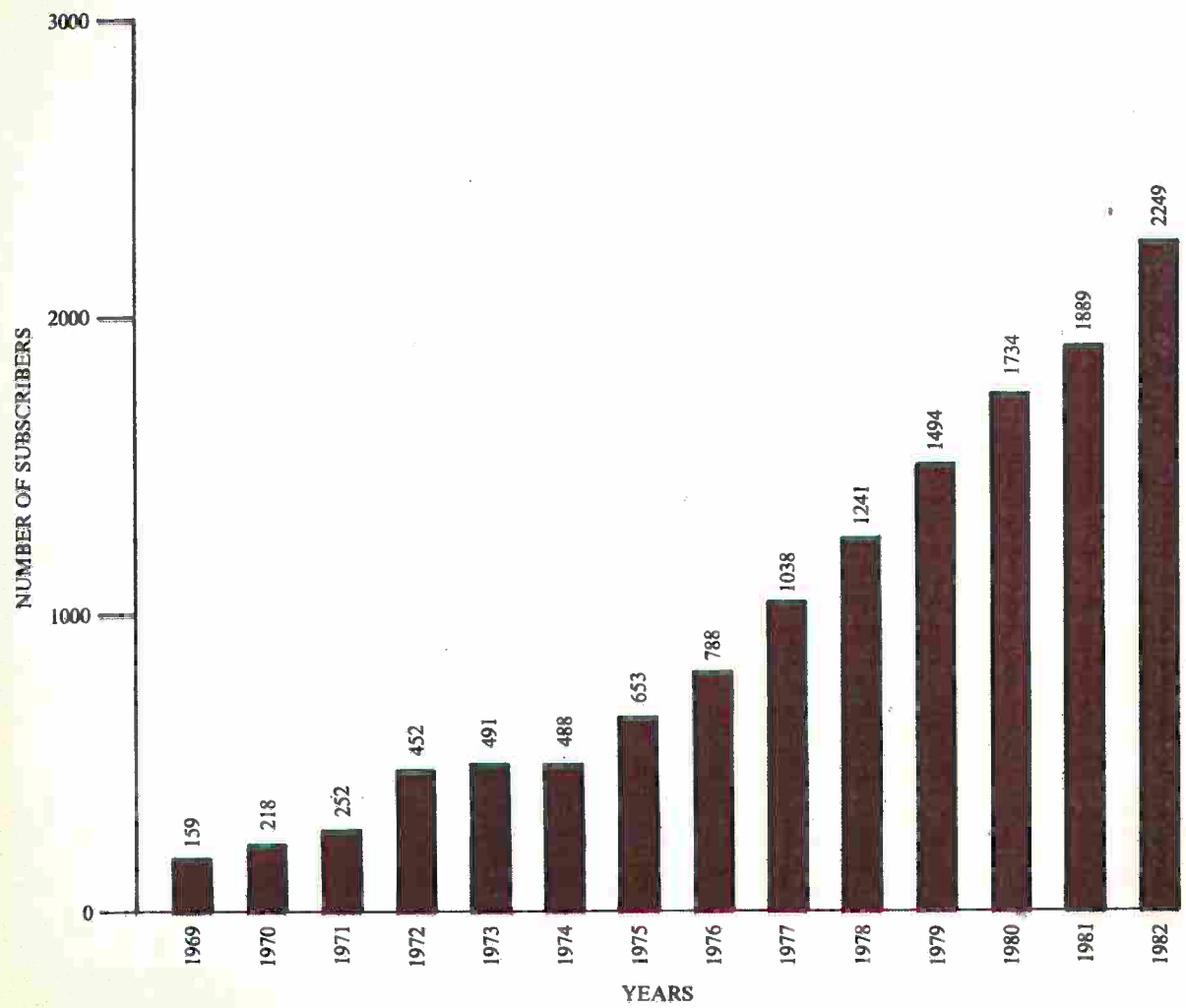
NOTE:

TURKISH OCCUPIED AREAS INCLUDED



GRAPH "D"
GROWTH OF TELEX SUBSCRIBERS

NOTE:— 77 IN TURKISH OCCUPIED AREAS (INCLUDED)



The table below gives an indication of the movement of the applications received, installations effected and applications on the waiting list.

	1979	1980	1981	1982
Applications in hand as at 1st January	27	39	38	62
New applications received during the year	328	370	444	500
Applications for new direct exchange lines released for installation during the year	281	322	351	335
Applications cancelled during the year	35	49	69	137
Applications on the waiting list as at the end of the year ..	39	38	62	90
Removals	106	140	143	173
Withdrawals	38	54	62	65
New Installations	253	240	155	360

7. Communal Installations

A total of 68 additional fully automatic coin operated telephones, (both internal and external) were installed all over the Government controlled part of Cyprus bringing the total to 910. All telephones installed as above are automatic coin accepting, capable of both National and International automatic dialling.

8. Improvement of the 192 Inquiry Service

The Authority in its effort to modernize and improve the subscriber telephone inquiries service (192) decided to install a Computerized Directory Assistance System (CDAS).

The installation of the system under reference was completed in June 1982, and was put in operation in December 1982.

With the above system, the time between installation and insertion of a new number in the 192 system, is greatly minimized. Furthermore, the time of retrieval of the required information has been greatly reduced and any inquiry can be answered within 3-4 seconds.

9. Larnaca International Airport Installation

9.1 An I.L.S. (Instrument Landing System) was installed at Larnaca International Airport and is operated and maintained on behalf of the Civil Aviation Department.

9.2 Four V.H.F. ground to Air Transmitters/Receivers were installed at Larnaca International Airport. The equipment in question will provide communications between the Airport and the Aircrafts in the vicinity.

9.3 One V.H.F. Scanner receiver was also installed at the same airport.

10. Maritime Mobile Service

Receivers were installed at Larnaca and Acropolis for the ship to shore service.

11. Civil Engineering works

11.1 Head Office building

Work on the Head Office building of the Authority is continuing and it is expected that it will be completed in 1984.

11.2 The following buildings were completed

11.2.1 The extension of the Acropolis Building

11.2.2 Kokkinotrimithia Rural Exchange Building

11.2.3 Lakatamia Exchange

11.2.4 Pallouriotissa Exchange Extension

11.2.5 Palekchori Rural Exchange

11.2.6 Saranta Spilia Stores Extension

11.2.7 Lefkara Rural Exchange Building

11.2.8 Kiti Rural Exchange Building

11.2.9 Lara Repeater Station

11.2.10 Paralimni Exchange

11.3 The following buildings are expected to be completed in 1983.

11.3.1 Klirou Rural Exchange

11.3.2 Pera Transmitting Station

11.3.3 Pedhoulas Rural Exchange

11.4 Miscellaneous

11.4.1 The widening of the forest road to Kionia Repeater Station was completed.

11.4.2 Repairs on the old rurax at Ayios Nicolaos (Paphos), were completed.

11.4.3 Plans were prepared for the installation of a mobile exchange at Ayia Napa, until the building is completed.

D. MAINTENANCE

1. General Maintenance

Strict and continuous maintenance procedures for all equipment were employed, resulting in a high standard of efficiency and reliability of the services provided by the Authority.

2. Preventive Maintenance

For the maintenance of the strowger exchanges the recommendations of the B.P.O. (British Post Office) are adopted, whereas for the Crossbar Exchanges, those of the Japanese Post Office (N.T.T.P.C.) apply. For the Radio, Multiplex and VFT equipment, in addition to the CCIR (International Radio Consultative Committee) and CCITT (International Telegraph and Telephone Consultative Committee) recommendations, the detailed instructions of the various manufacturers were followed and routine maintenance was carried out systematically during 1982.

3. Workshops

The Authority continued to maintain its Engineering Workshops for general repair work and construction/assembly of various items. They are divided into three sections, General Workshop, Electronic Subscribers Terminals Workshop and Electromechanical Workshop.

The General Workshop is responsible for the repair of telephone sets and their accessories, switchboards, battery eliminators and other miscellaneous items, the repair and construction of various metallic and wooden items and the painting of the Authority's buildings.

The main line of activities of the Electronic Subscribers Terminals Workshop is the testing and maintenance of the electronic coin payphones, the electronic telex subscribers' terminals, the push button telephones, as well as other sophisticated electronic equipment.

Research and development to a small extent is also carried out by utilizing modern techniques and components aiming at designing and constructing special type of assemblies required by the Authority.

The Electromechanical Workshop is engaged in the maintenance of Standby Power equipment, airconditioning systems and other electromechanical equipment. Bench work for many electrical appliances, such as rewiring of small transformers and relay coils, is also carried out by this workshop.

4. Transport

The Authority maintains its own fleet of all types of vehicles, essential for the mobility of its staff and equipment.

A total of 240 vehicles were in use during 1982.

The table below gives comparative figures of the miles covered during the last four years:-

	1979	1980	1981	1982
Miles run	1,210,570	1,338,800	1,530,055	1,729,727

The Authority runs its own garage for the repair and maintenance of the above fleet.

5. Participation in International Meetings

In order to follow the international progress and development in telecommunications, representatives of the Authority participated actively in the following international meetings, during the year under review:-

5.1 UNDP / ITU MEDARABTEL (United Nations Development Programme / International Telecommunication Union MEDARABTEL) Regional Meetings.

5.2 CCITT Study Group for Switching and Signalling.

5.3 Meetings for the Indian Ocean - Mediterranean Submarine Cables.

5.4 INTELSAT (International Telecommunications Satellite Organization) Operations representatives' conferences, for both the Atlantic and Indian Ocean regions.

E. GENERAL TELECOMMUNICATIONS FACILITIES

1. Broadcasts (local)

The Authority provides full facilities to the Cyprus Broadcasting Corporation, for effecting outside Broadcasts (live programmes) from any point in the island. Such Broadcasts include church services, theatrical performances, public speeches, football matches, etc.

During 1982, 92 such outside broadcasts were effected by using the Authority's network.

2. Voicecasts (overseas)

Voicecasts facilities are also offered by the Authority, usually to foreign correspondents, to cover news reports for their newspapers or football matches.

The following table gives comparative figures for the past four years:-

	1979	1980	1981	1982
Voicecasts	193	113	68	95
Minutes	10,533	9,032	10,419	7,962

3. Video Telecast Service (Overseas)

This is a new service established with the operation of the "MAKARIOS" earth station. It is offered to television broadcasters and video news agents, for the Transmission and/or reception of colour or black and white video programmes, via the earth station to/from any country served by the Intelsat Atlantic Region Oriented Satellite.

The table below gives details of the use made of this service:-

	1981		1982	
	Transmissions	Receptions	Transmissions	Receptions
No. of videocasts	9	18	56	216
Duration in minutes	226	2,481	1,491	8,972

It is worth noting that as from July 1982, news are received on a daily basis, for the Cyprus Broadcasting Corporation.

4. Communication with ships at sea (Maritime service)

Despite the installation of new equipment with superior performance and the consequent substantial improvement of the quality, traffic handled during the year under review by this service, evidenced a decrease of about 8%, as shown on the following table:-

TELEPHONY	1978	1979	1980	1981	1982
Calls	86,878	103,631	147,038	168,741	154,855
Minutes	357,648	429,641	593,623	714,916	655,951

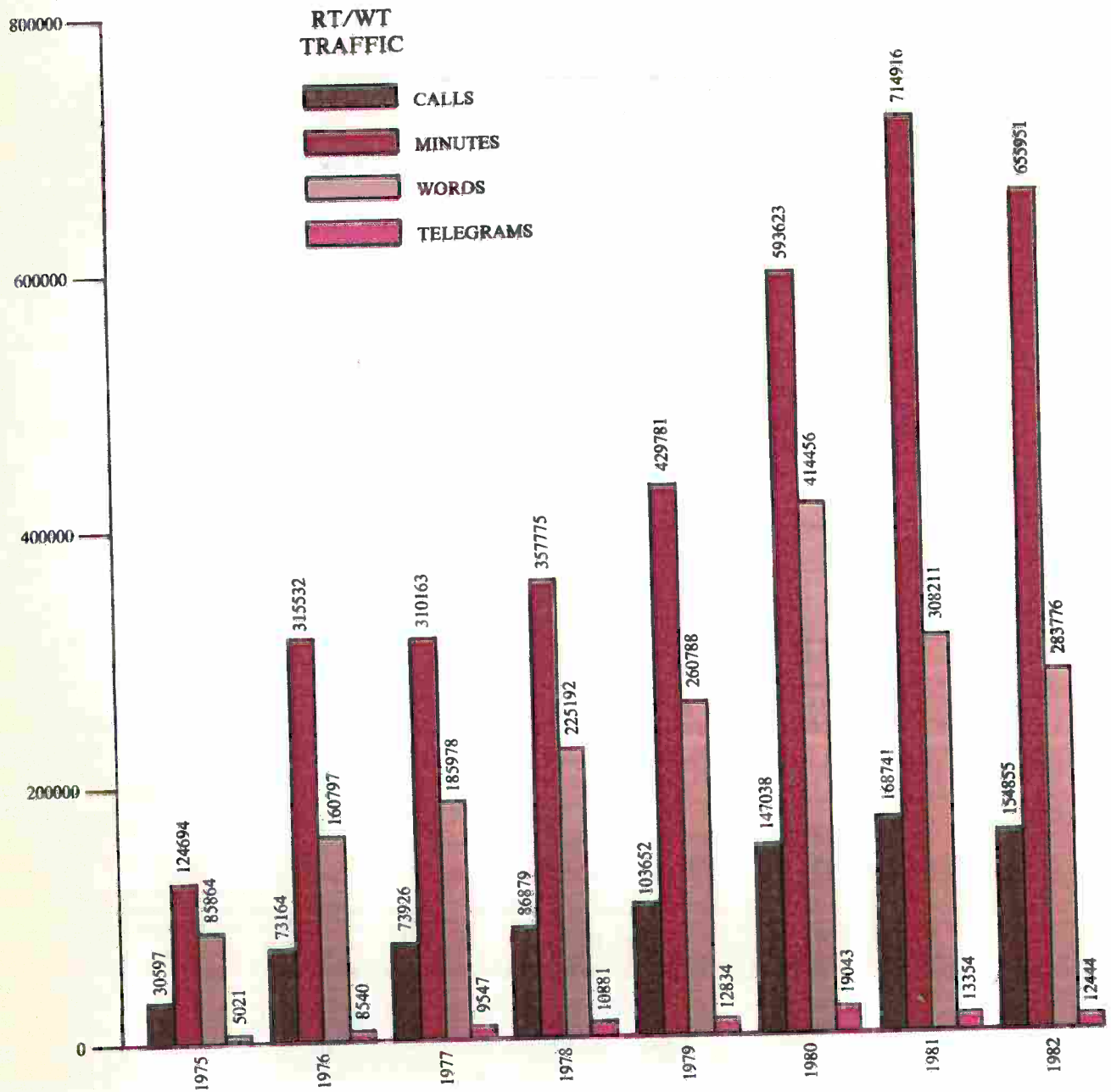
TELEGRAPHY	1978	1979	1980	1981	1982
Telegrams	11,481	12,834	19,043	13,354	12,444
Words	225,192	260,785	414,456	308,211	283,776

Graph "E" shows the ship-shore Radio Telephone/Wireless Telegraphy (RT/WT) traffic, since 1970.

Cyprus Radio, kept a vigilant 24-hour watch on the international distress frequencies and contributed to the safety of life at sea, by alerting the appropriate authorities, where and when help was needed.

During the year under review Cyprus Radio handled 43 Distress SOS signals, 22 Navigational Warnings and 22 Medico Calls (Request for medical help or advice).

GRAPH "E"
SHIP/SHORE



5. Civil Aviation Telecommunication Services.

5.1 The Authority continued to provide technical and operational services to the Department of Civil Aviation, for the running of all telecommunication facilities, both at the Larnaca International Airport and the Nicosia Communication Centre. These facilities conform to the standards and Recommended Practices laid down by the International Civil Aviation Organization (I.C.A.O.).

The services rendered, analytically, were the following:-

- 5.1.1** Radiotelephone communication over VHF frequencies with aircraft in flight, within the Cyprus Flight Information Region (F.I.R.).
- 5.1.2** Telephone communication between the Nicosia Air Traffic Control Centres of Larnaca, Akrotiri, Athens, Beirut, Tel-Aviv, Cairo and Damascus Airports.
- 5.1.3** Communication between Larnaca Control Tower and aircraft, for approach, landing and take-off purposes.
- 5.1.4** Radio Air Navigational Aids, for the use of civil aircraft in the form of a VHF Omni Range system (V.O.R.), Distance Measuring Equipment (D.M.E.), Instrument Landing System (I.L.S.) and two non-directional Radio Beacons located at Dhekelia and Pervolia villages. In addition to the above, a VHF Direction Finder (D.F.) equipment is available, to provide bearings information to the Air Traffic Control personnel.
- 5.1.5** VOLMET service, which transmits continuous weather reports from Nicosia for use by the aircraft in flight, within the Cyprus Flight Information Region.
- 5.1.6** Fully automatic, computerized telegraph communications within the Aeronautical Fixed Telecommunications Network (AFTN) to the airports of Athens (3 channels), Tel-Aviv (1 channel) and Beirut (2 channels).

Apart from the above, overseas circuits, are also provided through the Automatic Message Switching Centre (AMSC) for communicating with:-

Nicosia Area Control Centre

Nicosia Civil Aviation Department Offices

Larnaca Airport Civil Operations

Larnaca Airport Control Tower

Larnaca Airport Meteorological Office

Akrotiri Airport.

The following table shows comparative figures for aggregate received and transmitted traffic over the last four years:-

	1979	1980	1981	1982
Number of Messages	2,272,605	2,227,302	2,388,087	1,996,095

The decrease in traffic noted above for 1982, may be attributed to the war activities in Lebanon and the consequent interruption of communications with Beirut airport.

Note: The ILS referred to in para (4) above, is a new navigational aid and was added to the existing systems in November 1982. It is a system which, together with the auto-Pilot of the aircraft, facilitates Automatic Landing under all weather conditions.

5.2 Paphos Airport

The Authority undertook the responsibility for the technical side of all communications and navigational facilities for the Paphos airport, as is the case with the Larnaca Airport.

By the end of the year under review all preliminary work for the establishment of such a service was completed. Tenders were invited for the required equipment and it is expected that the relevant orders will be placed in 1983.

The control tower building is also nearing completion and the Authority's staff at Paphos, are undergoing training in Nicosia and Larnaca, for taking over the installation and maintenance of the Paphos Airport equipment.

6. Meteorological Service

Reliable service was provided to the Meteorological Office at Larnaca International Airport, throughout the year, by maintaining the following equipment:-

One Telegraph circuit with Athens via cable

One Telegraph circuit with Sofia via cable

Two High Frequency telegraph receive circuits

Two High Frequency circuits for Mufax (reception of weather charts).

7. "PERA" Transmitting Station

Work for setting up a new transmitting station at a locality near Psymolophou and Pera villages is well in progress. This station, when completed, will take over the services which are now temporarily operating from Saranta Spilia - Nicosia and it is expected that the coast station services will be greatly improved.

3. INTERNATIONAL NETWORK AND SERVICES OPERATION

A. GENERAL

The Authority successfully coped with the increase in traffic during the year by the implementation of additional circuits on existing traffic routes, and by the introduction of new direct routes. The SPADE facility was also introduced and was used for direct links with relations of low traffic volume. Furthermore, the new standard B Antenna installed at the Satellite Earth Station "MAKARIOS" was commissioned to serve major routes with countries falling within the Indian Ocean Region Satellite, thus improving the quality of service with that area.

The result of the Authority's efforts in the field of international telecommunications was that 456 million telephones or 90% of the world's telephones could be reached automatically (ISD) by the Authority's subscribers. In fact, in 1982, 92% of all telephone outgoing traffic was automatic. The situation was even better in the telex service where 98% of the outgoing traffic was automatic.

B. INTERNATIONAL NETWORK

During 1982 the International traffic was routed through the following traffic outlets:-

Traffic outlet	Route	Total Capacity
APOLLO Submarine Cable System	CYPRUS - GREECE	1380 circuits
APHRODITE Submarine Cable System	CYPRUS - GREECE	480 "
ADONIS Submarine Cable System	CYPRUS - LEBANON	480 "
MAKARIOS Earth Station	SATELLITE ATLANTIC	300 "
	SPADE	12 "
	SATELLITE INDIAN	50 "
UHF Radio System	CYPRUS - ISRAEL	48 "
TROPOSPHERIC Scatter	CYPRUS - GREECE	120 "

The MAKARIOS Earth Station, in 1982, operated with two Antennas: One with the Atlantic and one with the Indian Ocean Region Satellites.

A Standard A (30m) Antenna was operating with the Atlantic Ocean Primary Satellite, providing a total number of 84 circuits to eight countries by the end of the year. During 1982, the SPADE facility commenced operation and was providing telephone service, on demand, to nine countries.

The Standard B (11.8m) Antenna was commissioned towards the end of 1982 and it was providing 16 circuits with Australia and a leased sound programme service between U.K. and Cyprus for the B.B.C..

The Tropospheric Scatter is now considered as Restoration Facility.

In order to meet the increasing demand of the international telephone traffic, new direct routes were introduced during the year with SWITZERLAND (12 circuits) and KUWAIT (4 circuits).

Also additional circuits were introduced to existing relations with the following countries:-

AUSTRALIA	7	CIRCUITS
AUSTRIA	7	"
GREECE	14	"
ITALY	11	"
LEBANON	14	"
S. AFRICA	1	"
S. ARABIA	2	"
SPAIN	4	"
U.A.E.	2	"
U.K.	5	"
U.S.A.	1	"

In all, the total number of telephone-type circuits in operation during the year under review were:-

- 563 circuits serving the public telephone traffic.
- 15 VFT bearers serving the public telex and public/private telegraph traffic.
- 432 circuits serving the transit traffic via Cyprus (used by foreign Administrations on either lease or IRU basis).
- 43 circuits serving private use on a lease basis.

A schematic analysis of the Cyprus International Network as well as a table showing the number of direct circuits per country are shown on the pages overleaf.

C. TELEPHONE SERVICE

In the year under review the increase in traffic volume experienced in recent years, continued its upward trend. The overall increase in traffic over the previous year was 15% in comparison to an increase of 22% in 1981 over 1980 for the inland traffic and 29% compared to an increase of 15% for the year 1981 over 1980 for the international traffic as shown in Table A. The extraordinary increase of international traffic was due to the prevailing situation in the Middle East region.

During 1982, every effort was made to improve and expand the telephone service. Direct telephone service was introduced with two more countries, namely Switzerland and Kuwait. The SPADE facility was also introduced and was used for direct links with nine countries. Twenty countries were directly

connected with Cyprus during 1982 while the number of International telephone circuits were increased to 563, an increase of 21% over 1981 (See Table B).

By the end of the year under review, sixty nine countries were connected on ISD. Service to all other countries was available through the operator (See Table C).

TABLE A

TRAFFIC

SERVICE	1980 '000s	1981 '000s	1980/81 Growth %	1982 '000s	1981/82 Growth %
INTERNATIONAL					
(Outgoing)					
ISD calls (Minutes)	11,197	12,829	14.58	16,540	28.93
Through operator (Minutes)	966	1,178	21.95	1,480	25.64
INLAND					
Dialled calls (Units)	323,878	393,824	21.60	451,141	14.55
Through operator (Calls)	26	16	-38.46	13	-18.75

TABLE B

INTERNATIONAL PUBLIC TELEPHONE CIRCUITS

COUNTRY	1980	1981	1982
AUSTRALIA	9	9	16
AUSTRIA	11	11	18
CANADA	6	6	6
FRANCE	21	21	21
GERMANY F.R.	24	24	24
GREECE	128	146	160
ISRAEL	12	12	12
ITALY	10	10	21
KUWAIT	—	—	4
LEBANON	34	40	54
LIBYA	1	4	4
SAUDI ARABIA	—	5	7
SOUTH AFRICA	4	6	7
SPAIN	—	2	6
SWEDEN	8	11	11
SWITZERLAND	—	—	12
SYRIA	—	4	4
U.A.E.	—	7	9
U.K.	128	135	140
U.S.A.	12	14	15
SPADE FACILITY (TO 9 COUNTRIES)	—	—	12
TOTAL	408	467	563

DIRECT CIRCUITS PER COUNTRY

COUNTRY	TELEPHONE									VFT BEARER	TELEX			TELEGRAPH	
	AUTO			SEMI		M	PRIVATE LEASE				AUTO			M	PRIVATE LEASE
	O/G	I/C	B/W	O/G	I/C	B/W	V	DATA	WIDE BAND		O/G	I/C	B/W	B/W	
AUSTRALIA			16												
AUSTRIA	10	8								1			10	1	
BELGIUM										1	5	5			
CANADA			6											1	
EGYPT A.R.							1								
FRANCE	6	8	7						3	1	6	7		1	
GERMANY W.	8	7	8			1				1	7	8		1	1
GREECE	67	76		11	3	3	30	1		2	11	14		1	10
ISRAEL	6	6					1			1	4	4		1	2
ITALY	6	14				1				1	12	9		1	1
KUWAIT			4												
LEBANON	27	24				3	1			1	4	3		1	2
LIBYA	2	2													
NETHERLANDS											4	6			
S. AFRICA			7												
S. ARABIA			7												
SPAIN	3	3													
SWEDEN	8	3											5	1	
SWITZERLAND	6	6								1	6	6			
SYRIA	2	2					1								
U.A.E.			9							1			6		
U.K.	37	65	38				2	1	2	3	30	33		1	3
U.S.A.			15							1			21		2
SPADE			12												
TOTALS	188	224	129	11	3	8	36	2	5	15	89	95	42	10	21

O/G : Outgoing
I/C : Incoming
B/W : Bothway

AUTO : Automatic
SEMI : Semi-automatic
M : Manual

VFT BEARER: Voice Frequency
Telegraph Bearer
V : Voice

CYPRUS INTERNATIONAL NETWORK AS AT 31ST DECEMBER 1982

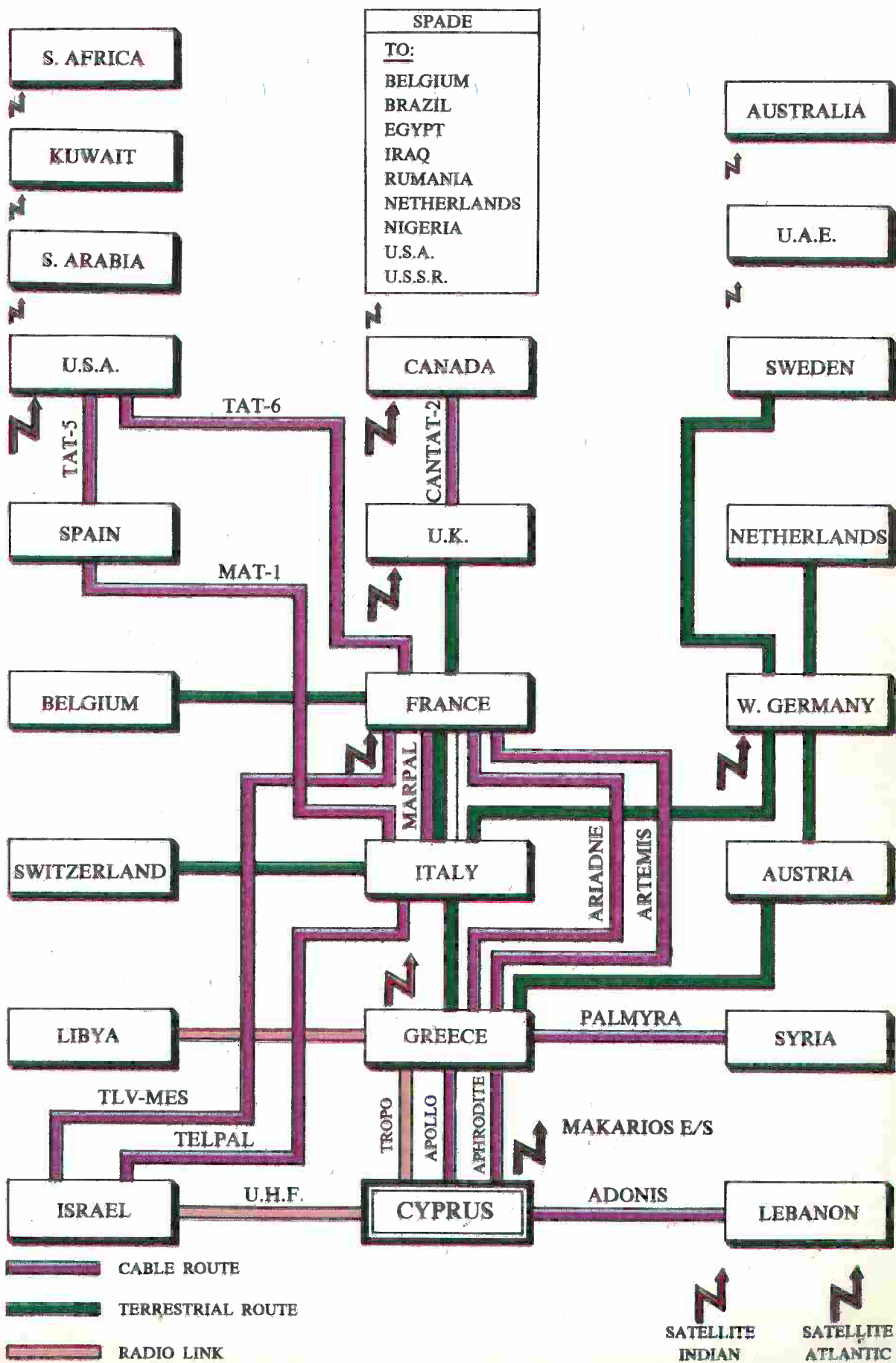


TABLE C

CYPRUS ON THE GLOBAL TELEPHONE NETWORK

SERVICE	NUMBER OF COUNTRIES					
	OUTGOING			INCOMING		
	1980	1981	1982	1980	1981	1982
ISD	65	68	69	33	39	45
Semi-Automatic	13	16	18	26	30	36
Manual	64	62	59	83	77	65
TOTAL	142	146	146	142	146	146

D. TELEX SERVICE

A general growth in both traffic and circuits was observed during 1982. The increase in the international traffic (in minutes) was 16% and in the national traffic 25% over that of 1981 (See Table A).

The increase in the number of direct international circuits was 5% over that of 1981. The countries with which direct Telex Service operated and the number of circuits with each one of them over the last 3 years are shown in Table B.

Automatic Telex Service, during the year under review, was available with 148 countries.

TABLE A

TRAFFIC

SERVICE	1980	1981	1980/81	1982	1981/82
	'000s	'000s	Growth %	'000s	Growth %
INTERNATIONAL					
(Outgoing)					
Calls	949	1,092	15.07	1,303	19.32
Minutes	2,592	2,641	1.89	3,051	15.52
INLAND					
Calls	333	413	24.02	504	22.03
Minutes	870	1,111	27.70	1,385	24.66

TABLE B

INTERNATIONAL TELEX CIRCUITS

COUNTRY	1980	1981	1982
AUSTRIA	10	10	10
BELGIUM	9	10	10
FRANCE	13	13	13
GERMANY F.R.	15	15	15
GREECE	25	25	25
ISRAEL	8	8	8
ITALY	17	18	21
LEBANON	7	7	7
NETHERLANDS	7	10	10
SWEDEN	4	5	5
SWITZERLAND	12	12	12
U.A. EMIRATES	—	—	6
U.K.	54	61	63
U.S.A. (ITT)	7	8	8
U.S.A. (RCA)	7	7	6
U.S.A. (WUI)	7	7	7
TOTAL	202	216	226

E. TELEGRAPH SERVICE

Telegrams could be sent from Cyprus to all parts of the world.

The service was provided through the Nicosia Automatic Message Switching Centre (AMSC), on which the following countries are directly connected:-

Austria	Israel
Canada	Italy
F.R. Germany	Lebanon
France	Sweden
Greece	U.K.

The downward trend of International traffic continued as anticipated, due to the effect of the automation of Telephone and Telex Services.

The International and Inland traffic during the year under review is shown herebelow:-

TELEGRAPH TRAFFIC

SERVICE	1980 '000s	1981 '000s	1982 '000s	1981/82 Growth %
INTERNATIONAL				
(Outgoing)				
Telegrams	68	64	58	-9.37
Words	1,777	1,721	1,623	-5.69
INLAND				
Telegrams	71	81	87	7.40
Words	1,428	1,527	1,662	8.84

F. DATEL

Datel service enabling the exchange of data between computer systems over the telephone network was provided at speeds ranging from 300 to 2400 bit/sec over the switched telephone network, and 300 to 9000 bit/sec over leased circuits. Datel service was available for both National and International Communications.

G. TELEVISION TRANSMISSION AND RECEPTION

Cyprus Telecommunications Authority offered facilities for transmission and/or reception of "colour" or "black and white" video programmes to and from any country served by the Intelsat Atlantic and/or Indian Ocean Region Satellites.

The table below gives an indication of the use made of this service during 1981 and 1982:-

	1981		1982	
	Transmission	Reception	Transmission	Reception
Effected TV				
Programmes	23	27	57	35
Minutes	226	2,481	1,577	3,929
Eurovision-1 News				
(1 July - 31 Dec. 82)	—	—	—	181
Minutes	—	—	—	5,299

H. INTERNATIONAL PRIVATE LEASED CIRCUITS

The Authority continued during 1982 to provide International Private Leased circuits to subscribers with large volumes of traffic.

Details of the use made of the above service during the last 3 years is presented herebelow:-

Type of leased circuits	1980	1981	1982
Telegraph	18	19	21
Telephone	6	6	36
Data	—	—	2
Wideband programme channels	1	1	5

4. ADMINISTRATION AND STAFF

A. TRADE UNIONS - STAFF RELATIONS AND JOINT COMMITTEES

Satisfactory labour relations were maintained during 1982 and the industrial peace thus ensured, coupled with the close cooperation of Management and Staff resulted in the successful implementation of the Authority's extensive development plans and improved methods which resulted into a more efficient service to the public.

The negotiations regarding the claims of the Union, which by the end of the year 1981 were still in progress, were satisfactorily concluded and agreement reached for certain improvements in staff conditions of service.

(Details regarding the major improvements of staff conditions of service as per the new agreement are shown on Appendix A).

B. JOINT CONSULTATIONS

There was a close and harmonious cooperation between Management and Staff in matters appertaining to personnel and the various Joint Committees dealing with staff matters functioned satisfactorily and effectively as hereunder:-

1. Staff Safety and Welfare

The Authority employs a full time Safety and Welfare Officer, who is responsible for the implementation of Management policy on staff Safety and Welfare.

1.1 Safety

The Safety Committee continued its efforts during the year towards the prevention of accidents and to this effect the following action was taken:-

1.1.1 The "Safety Notice Boards" were properly maintained by the exhibition of Safety Posters for the prevention of accidents.

1.1.2 The first aid boxes provided by the Authority were diligently equipped with prescribed contents.

1.1.3 The Authority's offices and other places of work were regularly inspected and the fire precaution equipment installed in the Authority's premises was properly maintained.

1.1.4 All accidents reported during the year were promptly investigated and every effort was made for their reduction to the minimum.

Accidents reported during the year and comparison with the previous year:-

	<u>1981</u>	<u>1982</u>
Accidents which did not necessitate sick leave	3	8(1)*
Accidents necessitated 1 - 3 days sick leave	7(1)*	5(2)*
Accidents necessitated 4 - 30 days sick leave	10(3)*	17(5)*
Accidents necessitated over 30 days sick leave	3(1)*	3(1)*
Fatal accidents	—	—
	<u>23</u>	<u>33</u>

(*Figures in parenthesis = Traffic Accidents to employees proceeding from their residence to the place of work or vice versa).

1.2 Welfare

The Joint Management/Staff Welfare Committee continued its efforts during the year for the promotion of staff welfare.

1.2.1 The construction of a Hill Holiday Centre for employees and their families will receive attention in due course.

1.2.2 Christmas Parties were organized for all employees of the Authority.

1.2.3 Government Savings Bonds were donated to children of the Authority's employees (upto 12 years of age) and the Fund rendered financial assistance to a number of deserving cases amongst the staff and to the families of deceased employees.

All expenses incurred during the year were paid by the Authority.

2. Establishment - Promotions - Advancement of Staff

The Authority proceeded with the implementation of the existing agreement governing promotions, confirmations and advancement of staff and the committee appointed for this purpose, in accordance with the provisions of the staff rules and regulations, completed its work satisfactorily.

The implementation of the agreement referred to above resulted in the following staff promotions, confirmations and transfers to other scales:-

Promotions	170
Transfer from Temporary Monthly Paid to Permanent Staff	137
Various transfers to other scales	14

Comparison of staff strength for the year 1981 - 1982.

					<u>1981</u>	<u>1982</u>
Administration and Accounts	..	..	..	..	279	291
Engineering	..	..	..	..	1,226	1,398
Telegraph Operating	..	..	..	..	143	140
Telephone Operating	..	..	..	..	156	138
					<u>1,804</u>	<u>1,967</u>
Monthly Paid	..	..	..	..	1,667	1,828
Weekly Paid	..	..	..	..	137	139
					<u>1,804</u>	<u>1,967</u>
Less:						
Turkish employees not reporting for duty	..			..	255	255
					<u>1,549</u>	<u>1,712</u>

3. Pension and Provident Funds

The Authority's Pension and Provident Funds mentioned hereunder were satisfactorily administered by their respective joint committees:-

3.1 CYTA Permanent Monthly Paid Employees Superannuation Fund.

3.2 CYTA Permanent Monthly Paid Employees Provident Fund.

3.3 Weekly Paid Employees Provident Fund.

4. Training

In view of the rapid technological changes, the Authority places great emphasis on staff training so as to maximize the utility of available manpower. To achieve this, the Authority provides training facilities for its personnel to, inter alia, ensure familiarization with new trends, modern equipment and methods. Training is carried out at the Authority's Training School in Nicosia or abroad, at institutions and supplier's establishments.

The Authority, furthermore, encourages all employees to attend external night courses relative to their work by refunding their tuition and examination fees when they succeed in passing the relevant examinations. In addition, the Authority assists its staff to purchase British Post-Office Correspondence Courses and refunds 50% of their cost to those who succeed in the relevant City and Guilds examinations.

The Authority's expenses for training during 1982 amounted to £222,517,- (£115,514,- were spent in 1981). Training included the following:-

4.1 Training in C.Y.T.A.'s Training Centre

4.1.1	Training course on "Basic Logic"	43	Employees
4.1.2	Training course on "Maintenance of TDM Equipment Series 1223	32	"
4.1.3	Training course on "ILS/DME Type 381/721"	12	"
4.1.4	Training course on the "Maintenance of Electronic Computers CDAS"	7	"
4.1.5	Training on the Installation & Maintenance of Automatic Call Distributor System Type Telic 2507	6	"
4.1.6	Training on the Introduction to the new Version V2505T of EPABX 1680	10	"
4.1.7	Training course on the Makarios-B Earth Station Equipment	14	"
4.1.8	Training course on 1) Audio Programme Channel PCM Multiplex (GTE Model MP 30-M) 2) Telephony Baseband and 2MB/S PCM Signal Combiner/ Separator (GTE Model CMF 20)	13	"
4.1.9	Training course on SCPC Audio Programme Terminal (DCC Model 5018)	11	"
4.1.10	Preliminary course for new employees	176	"

4.2 Training Abroad

4.2.1	Course in USA for the Computerized Directory Assistance System	2	"
4.2.2	Course in Japan for the Magnetic Tape System of I.T.E.	2	"
4.2.3	Course in France for the equipment of the New Satellite Earth Station	3	"
4.2.4	Course in U.K. on RACAL Equipment	2	"
4.2.5	Course in Japan on C400 Crossbar Switching System & HDX10 Full Digital Switching System	2	"
4.2.6	Course in France for the Electronic PABXs Testing	2	"

4.3 Additional Training

- 4.3.1 Night classes were attended by 106 employees of the Authority at the Nicosia and Limassol Technical Schools during the school year 1982/83.
- 4.3.2 A course on "Productivity and Principles of Management" organized by the Cyprus Productivity Centre, was attended by 43 employees.

4.3.3. A course on "Techniques for Increased Productivity" organized by the Cyprus Productivity Centre, was attended by 30 employees of the Authority.

5. Medical Funds - Medical Treatment - Sick Leave

5.1 Monthly Paid Personnel

All monthly paid employees of the Authority are members of the existing CY.T.A. Medical Fund, which provides medical aid to members at approved rates, in accordance with the rules of the Fund.

The administration of the Fund is carried out by a committee and as from 1.1.1982 it is financed by the Authority with contributions of 3% on the monthly paid employees basic salary and COLA. (The Fund upto 31.12.1981 was financed jointly by its members and the Authority, the employees contributing 1% of their basic salary and COLA and the Authority 2%). In addition a special financial assistance amounting to £6,000.- was granted to the Fund for 1982 by the Authority through the Welfare Fund.

5.2 Weekly Paid Personnel

All regular weekly paid employees are members of the Government Social Security Scheme and enjoy sick leave and medical treatment in accordance with the rules of the scheme.

Membership in the Fund provides a contribution of 1% of the wages of each member and equal amount of contributions by the Authority.

5.3 Sick leave granted to the Monthly Paid employees

	1981	1982
Clerical Staff	1,067	991
Telephone Operating Staff	954	628
Telegraph Operating Staff	315	435
Technical Operating Staff	126	411
Technical Staff	1,318	941
Skilled Staff	2,829	3,283
Messengers & Watchmen	401	257
	<u>7,010</u>	<u>6,946</u>

5.4 Sick leave granted to Weekly Paid employees

The man-days lost in respect of the sick leave granted to Weekly Paid employees during the year 1982 were 377 (383 in 1981).

The cost of the man-days lost (except the first day of each period of sick leave granted to employees) are re-imbursed to the Authority by the Government Social Security Scheme and the total amount re-imbursed was £1,812.-

6. Annual Leave All Staff

Table showing the leave entitlement:-

					No. of working days	
					1981	1982
Balance brought forward from previous year	..	..	..	..	11,922	13,835
Leave entitlement for the year	..	..	..	..	43,531	46,410
					<u>55,453</u>	<u>60,245</u>
Leave granted during the year	..	..	..	..	41,618	44,971
Balance due to employees	..	..	..	..	<u>13,835</u>	<u>15,274</u>

7. Retirements, Resignations, Dismissals etc.

- 7.1 20 Employees retired from the Authority's service.
- 7.2 5 Employees resigned from the Authority's service.
- 7.3 4 Employees were dismissed from the Authority's service.
(Termination of services)
- 7.4 1 Employee passed away.

8. Recruitments

193 Employees (178 Skilled Workmen Grade III, 5 Engineers III, 2 Watchmen, 1 Messenger, 1 Workman WP, 1 Store Labourer WP, 3 Techn. Cleaners WP and 2 Charwomen WP) were recruited during 1982.

9. Missing Employees

6 Employees are still missing.

APPENDIX A

Major improvements of staff Conditions of Service as per the new agreement of August 1982.

(Duration of the Agreement = 1.1.1982 - 31.12.1983)

1. Harmonization of the Authority's salary scales with the scales in force in the Government civil service.
2. Establishment of a new Pension Scheme with obligations and benefits similar to those of the Government Pension Scheme.

3. Improvements on the existing contributory CY.T.A. Pension Fund.
4. The existing Medical Fund for Monthly Paid employees to be financed by the Authority as from 1.1.1982 with contributions of 3% on the monthly paid employees basic salary and COLA. (The Fund upto 31.12.1981 was financed jointly by its members and the Authority, the employees contributing 1% of their basic salary and COLA and the Authority 2%).
5. *Increases on the Allowances of:*
 - (a) Mission (b) Transfer (c) Drivers (d) Riggers (e) Cashier.

5. COMMONWEALTH TELECOMMUNICATIONS ORGANIZATION (C.T.O.)

It is with deep sorrow that the Authority announces the death of late N.S. Roussos on 30 June 1982, Chairman of the Authority, and the Cyprus Representative on the Commonwealth Telecommunications Organization. The late Chairman continued to represent Cyprus on the Commonwealth Telecommunications Organization upto 30 June 1982. As of 29 July 1982 the new Chairman, Mr. A.T. Demetriades, was appointed by the Government as the Representative on the Commonwealth Telecommunications Council for Cyprus.

Late N.S. Roussos, accompanied by his adviser Mr. A.C. Kritiotis, participated in the second session of the 20th C.T. Council meeting held in Sydney, Australia from 3 to 8 February 1982, during which he was unanimously elected Vice-Chairman and greatly contributed in the efforts to reach a decision on the development of the New Financial Arrangements scheduled to replace the C.T. Financial Agreement 1973 as from 1 April 1983, including the future collaborative arrangements on the exchange of telecommunication expertise and information, as well as on training offered to the developing countries.

The 21st C.T. Council annual meeting was held in Montreal, Canada, from 12 to 19 July 1982 and Cyprus was represented by the Telecommunications Officer of the Authority, Mr. A.C. Kritiotis, who was appointed Representative for Cyprus for that meeting. The draft of the Council's Report to Governments preparatory to Conference, covering the period 1977-82, and the proposal on the New Financial Arrangements were prepared during the meeting. A proposed Headquarters' Agreement with UK Government for C.T. Bureau was accepted by the Council as representing the optimum conditions obtainable.

The Authority had the pleasure of hosting the 22nd C.T. Council meeting in Nicosia from 11 to 15 November 1982 which was opened by H.E. the Minister of Communications and Works Mr. Chr. Mavrellis and attended by 50 Representatives and Advisers from 23 Commonwealth countries. Cyprus was represented by the Chairman of the Authority, Mr. A.T. Demetriades, assisted by the General Manager Mr. A.N. Stylianides, the Deputy General Manager Mr. G.C. Papaioannou and the Telecommunications Officer Mr. A.C. Kritiotis. The Cyprus Representative Mr. A.T. Demetriades was unanimously elected Vice-Chairman of the Council, which finalized during that meeting its report to Governments including various recommendations on both, financial and non-financial arrangements applicable as of 1 April 1983. However, Cyprus would not be directly involved in the new financial arrangements but a very important and active role could be undertaken within the proposed non-financial collaborative arrangements.

Cyprus also organized the 1982 Commonwealth Telecommunications Conference held in Nicosia immediately after the 22nd C.T. Council Meeting, from 16 to 19 November 1982. The Conference was opened by H.E. the President of the Republic Mr. Spyros Kyprianou and attended by Ministers, Government Officials and Telecommunications Administrations from 26 Commonwealth countries. H.E. the Minister of Communications and Works Mr. Chr. Mavrellis was unanimously elected Chairman of the C.T. Conference 1982, which dealt with the New Financial Arrangements, the Terminating Agreement of the Commonwealth Telecommunications Organization Financial Agreement 1973, the proposed Headquarters Agreement between the Government of the United Kingdom and the Commonwealth Telecommunications Organization and made appropriate recommendations to the Commonwealth Governments.

6. FINANCIAL REPORT

A. NET SURPLUS

The net surplus for the year was £288,210 compared to £1,546,431 of the previous year. This, however, resulted after the deduction of £1,339,768 foreign exchange loss as against £34,910 of the previous year. The exchange loss of £1,339,768 consists of £143,511 realized and £1,196,257 unrealized losses which resulted from the conversion of the foreign currency balances in the books as at 31st December, 1982 at the rates ruling on that date. Such differences were previously deducted from the Reserve Fund. Thus, the results of the year prior to the deduction of the unrealized exchange losses were £1,484,467 compared to £1,652,316 of 1981.

Analytically the results were as follows:

B. OPERATING REVENUE

The Operating Revenue by service was:-

		1982	1981	Increase
		£	£	%
Telephone Services	.. ..	18,155,031	14,630,164	24.1
Telegraph Services	.. ..	425,634	416,856	2.1
Telex Services	.. ..	2,291,184	1,945,283	17.8
Other Services	.. ..	438,356	336,359	30.3
		<u>21,310,205</u>	<u>17,328,662</u>	23

The Telephone Services were again the main contributor to the revenue and to a lower degree the Telex Services. During the year there was a net addition to the system of 7,988 telephone and 360 telex subscribers.

The main sources of the Telephone revenue were the Overseas calls (1982 £9,766,188 vs 1981 £7,562,685) and the Inland calls (1982 £6,009,020 vs 1981 £5,177,976) and of the Telex revenue the Overseas calls (1982 £1,798,852 vs 1981 £1,477,484).

The increase in Other Services is mainly attributed to the television reception programmes revenue and additional services to the Civil Aviation Department.

C. OPERATING EXPENSES

The Operating Expenses of the year, before allocations to capital and recoverable works, were £17,121,254 and are by 23.7% higher than those of 1981 (£13,837,393).

The items of expenditure that basically contributed to the increase of £3,283,861 are:-

1. the staff costs with £1,684,754 mainly due to a salary revision of approximately 5% and the increases in the cost of living allowance (9% from 1.1.1982 and 6% from 1.7.1982) and
2. the network excavations with £490,308 and the depreciation with £683,237 due to extensive development.

D. FINANCIAL EXPENSES

These were £4,282,297 compared to £3,370,828 of the previous year. Of the overall increase of £911,469, Interest on loans from foreign financial institutions accounted for £811,319. This resulted mainly from a full year's charge of the interest on the loan obtained for the financing of the Cyprus/Greece Submarine Cable 'Apollo' in November, 1981.

E. DEVELOPMENT

The additions to the fixed assets during the year amounted to £11,876,627 (1981 £15,232,961) after deducting £374,905 (1981 £310,222) contribution from subscribers by way of installation fees. These represent normal extensions and improvements to the telecommunications system.

This year's development was financed from internal sources by 50% and from external sources (suppliers' credit and loans from foreign financial institutions) by 50%.

F. LONG-TERM LIABILITIES

There has been a net addition of £2,702,342 to the Authority's long-term liability to overseas suppliers and foreign financial institutions for loans obtained for the financing of its development.

This liability is repayable over a period between 2 and 17 years at rates of interest ranging between 3.5% and 9% per annum.

G. RESERVE FUND

The Reserve Fund as at 31st December, 1982 amounted to £17,488,122 as against £17,199,912 of 31st December, 1981.

H. CONTRACTUAL COMMITMENTS

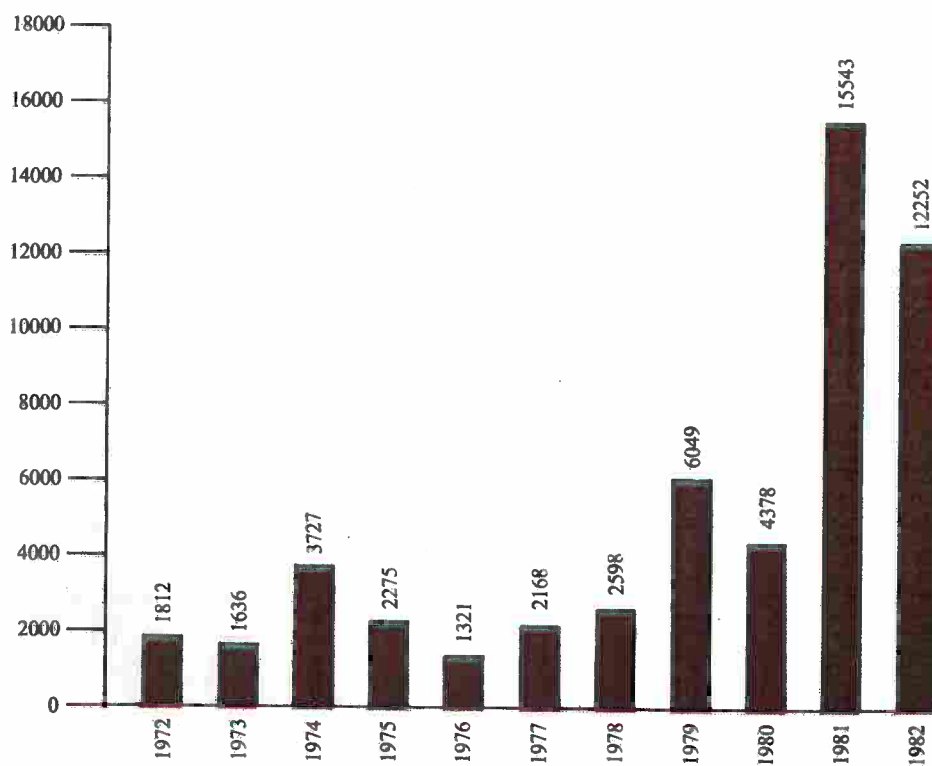
The contractual commitments as at 31st December, 1982, amounted to £12,000,000 (1981 £10,000,000). They include £1,000,000 for the New Administration Building and the balance represents outstanding orders of Exchanges and other plant and equipment for development.

A.T. DEMETRIADES
Chairman

A.N. STYLIANIDES
General Manager

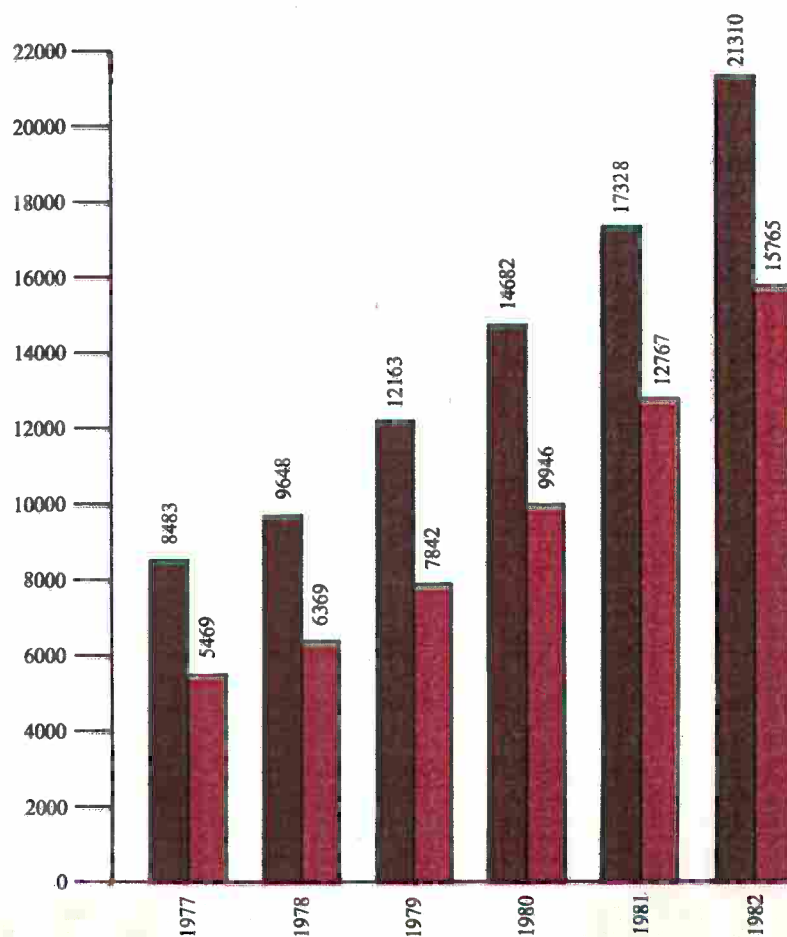
S. KOKKINIDES
Secretary

CYPRUS TELECOMMUNICATIONS AUTHORITY
TABLE SHOWING CAPITAL EXPENDITURE 1972-1982
(£ thousand)



CYPRUS TELECOMMUNICATIONS AUTHORITY
TABLE SHOWING OPERATING REVENUE AND EXPENSES 1977-1982
 (£ thousand)

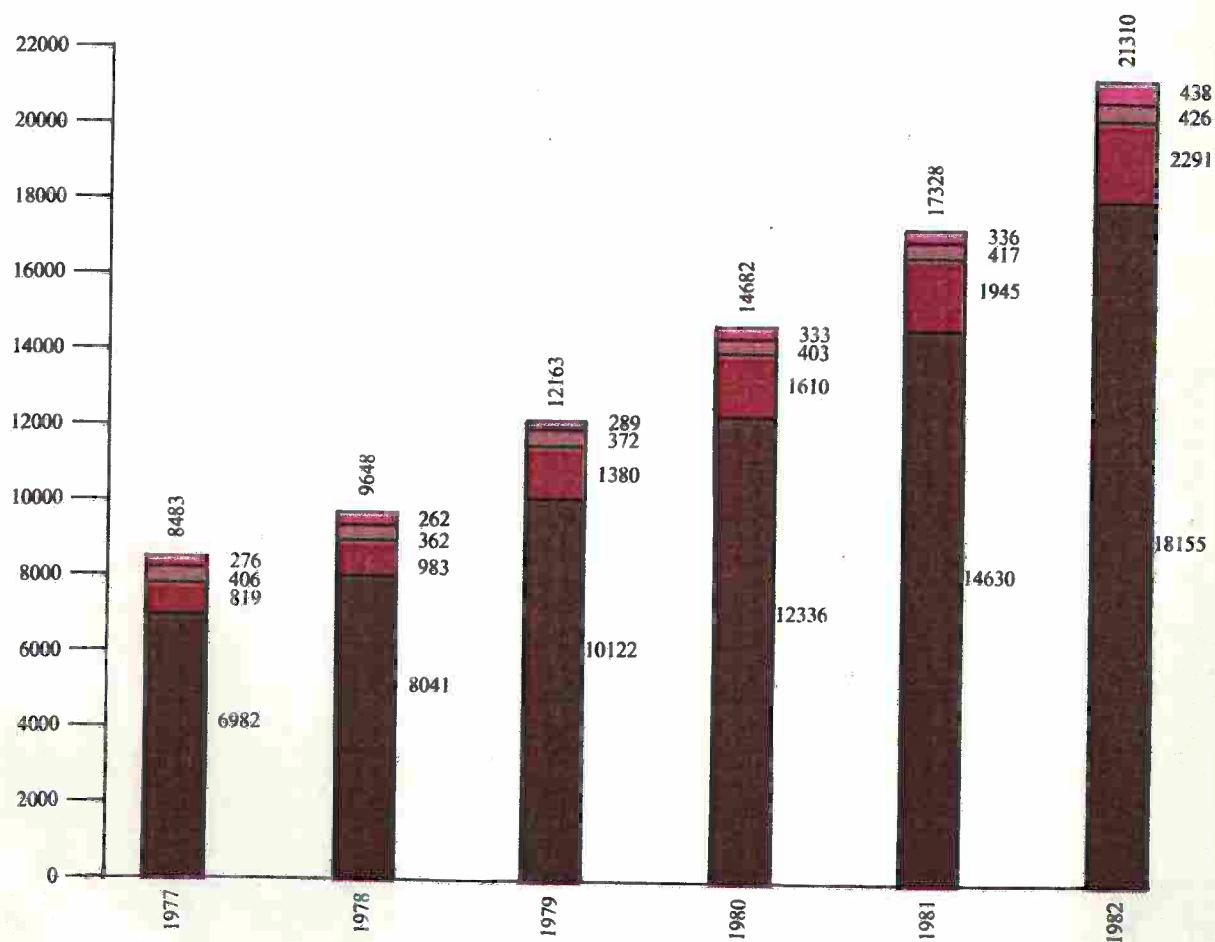
	I	II
I OPERATING REVENUE	1972 3551	2512
	1973 4574	2813
	1974 4605	4224
II OPERATING EXPENSES	1975 4736	4235
	1976 7046	4820



CYPRUS TELECOMMUNICATIONS AUTHORITY
TABLE SHOWING OPERATING REVENUE 1977-1982
 (£ thousand)

- I TELEPHONE REVENUE
- II TELEX REVENUE
- III TELEGRAPH REVENUE
- IV OTHER REVENUE

	I	II	III	IV
1972	2665	302	413	181
1973	3447	470	471	186
1974	3411	521	537	136
1975	3710	472	451	103
1976	5748	672	422	204



CYPRUS TELECOMMUNICATIONS AUTHORITY

ACCOUNTS 1982

Contents

	<i>Page</i>
Report of the Auditors	67
Balance Sheet	68
Revenue Account	69
Statement of Source and Application of Funds	70
Notes on the Accounts	71
Return on capital employed	79

REPORT OF THE AUDITORS

We have audited the annexed Accounts of the Cyprus Telecommunications Authority in accordance with approved auditing standards and have obtained all the information and explanations we considered necessary. In our opinion the Authority has kept proper books of account and the Balance Sheet and Revenue Account are in agreement therewith.

As explained in Note 18, the Authority is not making provisions for liabilities to income tax and special contribution acting on the basis of the advice of its legal adviser. The Authority is currently involved in litigation with the Inland Revenue with regard to the income tax liability. The final outcome of these matters is not presently determinable.

In our opinion, subject to the effects of such adjustments, if any, as might have been required had the ultimate outcome of the matters discussed in the preceding paragraph been known, and subject to the reservations contained in Notes 2 and 9(c), the said Accounts, which have been prepared under the historical cost convention, give a true and fair view of the state of affairs of the Authority at 31st December, 1982 and of the surplus and source and application of funds for the year ended on that date.

SCOTTIS & POLYDORIDES

Chartered Accountants

6, Kilkis Street,
NICOSIA.

12th August, 1983.

CYPRUS TELECOMMUNICATIONS AUTHORITY

BALANCE SHEET 31st DECEMBER, 1982

	1982 £	1981 £
Assets		
Fixed Assets (Notes 1(b), 2, 3)	37,403,772	29,416,901
Investments (Note 4)	1,239,818	1,458,725
Current Assets (Note 5)	10,439,176	13,870,028
Deferred Debits (Note 6)	4,744,610	6,271,289
	<u>£53,827,376</u>	<u>£51,016,943</u>
Liabilities and Reserve Fund		
Loans and other long term liabilities		
Government Loans (Note 7)	2,973,647	3,014,350
Other long term liabilities (Note 8)	24,262,046	21,647,121
	<u>27,235,693</u>	<u>24,661,471</u>
Current liabilities (Note 9)	9,103,561	9,155,560
Total liabilities	<u>36,339,254</u>	<u>33,817,031</u>
Reserve Fund (Note 10)	17,488,122	17,199,912
	<u>£53,827,376</u>	<u>£51,016,943</u>

The Notes on the Accounts form an integral part of these Accounts.

A. Demetriades
Chairman

A.N. Stylianides
General Manager

S. Modestou
Chief Accountant

CYPRUS TELECOMMUNICATIONS AUTHORITY

REVENUE ACCOUNT FOR THE YEAR ENDED 31st DECEMBER, 1982

	1982 £	1981 £
Operating Revenue (Note 11)	21,310,205	17,328,662
<i>Deduct:</i>		
Operating Expenses (Note 12)	15,764,989	12,782,327
Net operating revenue	5,545,216	4,546,335
<i>Add:</i>		
Investment and other income	365,059	405,834
	5,910,275	4,952,169
<i>Deduct:</i>		
Financial and other expenses (Note 13)	4,282,297	3,370,828
	1,627,978	1,581,341
<i>Deduct:</i>		
Foreign exchange loss	1,339,768	34,910
Revenue surplus for the year carried to reserve fund	£288,210	£1,546,431

The Notes on the Accounts form an integral part of these Accounts.

CYPRUS TELECOMMUNICATIONS AUTHORITY

STATEMENT OF SOURCE AND APPLICATIONS OF FUNDS

	1982 £	1981 £
Source of funds		
Revenue surplus	288,210	1,546,431
Adjustments for items not involving the movement of funds -		
Depreciation and amortisation	3,721,867	3,038,630
Amount written off in respect of superannuation fund deficiency	1,508,506	1,508,506
Funds generated from operations	5,518,583	6,093,567
Sale of investments	496,703	—
Increase in long term liabilities	2,614,925	15,278,881
Funds from other sources	3,111,628	15,278,881
	£8,630,211	£21,372,448
Application of funds		
Net additions to fixed assets	11,708,738	15,100,786
Redemption of 7½% Debenture Stock 1980/82	600,000	—
Repayments towards Government Loans	40,703	39,033
Purchase of investments	277,796	377,420
	12,627,237	15,517,239
Increase/(decrease) in working capital -		
Stores	(582,914)	859,313
Debtors	(958,475)	1,578,880
Creditors	(548,001)	(4,122,347)
Deferred debits	(18,173)	7,661,703
Movement in net liquid funds:		
Decrease in bank balances and cash in hand	(1,889,463)	(122,340)
	(3,997,026)	5,855,209
	£8,630,211	£21,372,448

CYPRUS TELECOMMUNICATIONS AUTHORITY

ACCOUNTS 1982

NOTES ON THE ACCOUNTS

1. Accounting Policies

(a) Basis of accounting

The Accounts are prepared under the historical cost convention.

(b) Fixed assets

Amortisation of leasehold properties is provided so as to write off the cost of these properties by equal annual instalments over the period of the lease with a maximum of 33 years. Depreciation on other assets is calculated on a straight line basis at annual rates estimated to write off each asset within its normal useful life. Freehold land is not depreciated.

The annual rates of depreciation are as follows—

Freehold buildings	3%
Exchanges, telegraph, line plant and apparatus	10%
Radio and satellite earth stations	10%
Sub-marine cables	4%-5%
Vehicles	20%
Office furniture and equipment	10%
Tools	33 $\frac{1}{3}$ %

In respect of additions to fixed assets during a financial period a full year's depreciation charge is applied and in the case of disposal of fixed assets during a financial period no depreciation charge is applied in that period. Profits or losses on the disposal of fixed assets unless otherwise stated, are reflected in the Revenue Account.

Capital work projects undertaken by the Authority are valued individually at material cost plus an addition for direct labour and other appropriate expenses.

Interest payable on the suppliers' extended credit on the purchase of plant and equipment or on the borrowed funds for the purchase of such assets is not included in the capital cost of the respective asset but is written off to revenue as it arises.

(c) Debtors

Known bad debts are written off and specific provision is made for any considered to be doubtful of collection.

(d) Stores

Stores, which include plant and equipment for current development, are physically verified by continuous stock takings carried out throughout the year; they are valued at cost less provisions for obsolescence and for other possible losses referred to in Note 2.

(e) Long term items

Long term items are those assets and liabilities not expected to be realised or settled within one year from the balance sheet date.

(f) Operating revenue

The operating revenue is stated after the deduction of the payments made to other administrations in respect of international traffic.

(g) Repairs, renewals and excavations for the line plant

Expenditure on repairs, renewals and excavations for the line plant is written off in the year in which it is incurred.

(h) Balances and transactions in foreign currency

Foreign currency balances are converted into Cyprus pounds at the rates of exchange ruling at the end of the financial year.

Exchange differences attributable to the purchase of fixed assets for specific projects are capitalised until the completion of the project. Otherwise, exchange differences are dealt with through the Revenue Account.

(i) Interest payable and/or receivable attributable to subsequent years

Interest payable and/or receivable, attributable to subsequent years, is deducted from the respective liabilities or receivables.

2. Assets in occupied areas

Certain fixed assets and other equipment and materials in stores are situate in the territory occupied by the Turkish invasion forces or in areas to which the Authority, due to present conditions, has no access. Full provision has been made in these Accounts in respect of the equipment and materials in stores for any possible loss of or damage thereto, but no such provision has been made for the fixed assets the value of which cannot, in view of the particular circumstances, be reasonably ascertained; however, on the fixed assets a full year's depreciation is being provided.

The Authority is unable to express an opinion as to the present state of the afore-said fixed assets which in the Balance Sheet are reflected at book values.

3. Fixed assets

	Cost		Written down value	
	Depreciation		1982	1981
	£	£	£	£
Freehold land and buildings	3,577,943	453,789	3,124,154	2,200,936
Leasehold buildings	279,497	56,915	222,582	231,433
Exchanges, telegraph, line plant and apparatus	30,141,985	15,413,024	14,728,961	10,334,305
Radio stations	1,987,711	1,231,849	755,862	494,527
Satellite earth station	2,439,722	615,187	1,824,535	1,528,553
Sub-marine cables	10,904,356	1,666,974	9,237,382	9,781,490
Vehicles, tools and equipment	1,007,350	713,727	293,623	183,387
Office furniture and equipment	422,852	225,095	197,757	154,057
	<u>50,761,416</u>	<u>20,376,560</u>	<u>30,384,856</u>	<u>24,908,688</u>
Assets under construction	7,018,916	—	7,018,916	4,508,213
	<u>£57,780,332</u>	<u>£20,376,560</u>	<u>£37,403,772</u>	<u>£29,416,901</u>
1981:	<u>£46,306,107</u>	<u>£16,389,206</u>	<u>£29,416,901</u>	

4. Investments, Unquoted

Trade £614,718 (1981: £336,922) at cost less amounts written off. This represents the Authority's investment share in the International Telecommunications Satellite Organisation ('Intelsat'). Under the terms of allotment the Authority is required to make capital contributions proportionate to its investment share, towards future development projects undertaken by Intelsat.

Other £625,100 (1981: £1,121,803) at cost. Under the terms of issue of the 7½% Guaranteed debenture stock 1981/83 the Authority is required to set aside to a sinking fund amounts in order to provide for the redemption thereof. The management of the said sinking fund is vested in the Central Bank of Cyprus.

In the opinion of the Authority the value of the investments is not less than the amount at which they are stated in the Balance Sheet.

5. Current assets

	1982	1981
	£	£
Stores (Notes 1(d), 2)	4,273,528	4,856,442
Debtors and other accounts less provisions (Note 1(c))	3,948,346	4,906,821
Bank balances and cash in hand	2,217,302	4,106,765
	<u>£10,439,176</u>	<u>£13,870,028</u>

The debtors and other accounts, less provisions, are stated after the deduction of £12,375 (1981: £20,475) representing interest attributable to subsequent years. They include a long term debt of £60,000 (1981: £72,075) which is repayable by equal annual instalments till 1987, at an interest rate of 6% per annum.

6. Deferred debits

	1982	1981
	£	£
Superannuation Fund deficiency less amounts written off (Notes 13, 14)	4,525,521	6,034,027
Other (Note 19)	219,089	237,262
	<u>£4,744,610</u>	<u>£6,271,289</u>

7. Government loans

	1982	1981
	£	£
5½% Government loan 1969/1983	18,159	35,309
5½% Government loan 1970/1984	29,488	43,041
5% Government loan 1973/1987	2,926,000	2,936,000
	<u>£2,973,647</u>	<u>£3,014,350</u>

8. Other long term liabilities

	1982	1981
	£	£
Bills payable to suppliers	4,335,962	3,853,179
Loans from foreign financial institutions	11,090,553	8,870,994
Superannuation fund liability (Note 14)	8,835,531	8,922,948
	<u>£24,262,046</u>	<u>£21,647,121</u>

(a) The bills payable to suppliers are payable between 1984 and 1989 and they bear interest ranging between $5\frac{1}{2}\%$ - $8\frac{1}{2}\%$ per annum. These are stated after the deduction of £504,320 (1981: £476,743) representing interest attributable to subsequent years.

(b) The loans from foreign financial institutions are repayable between the years 1984 and 2003 and they bear interest ranging between $3\frac{1}{2}\%$ - 9% per annum.

9. Current liabilities

	1982 £	1981 £
Debenture stocks (secured) -		
$7\frac{1}{2}\%$ Guaranteed debenture stock 1980/82	—	600,000
$7\frac{1}{2}\%$ Guaranteed debenture stock 1981/83	650,000	650,000
	650,000	1,250,000
Bills and other accounts payable to suppliers	2,041,939	1,951,883
Loans from foreign financial institutions	2,043,095	1,296,037
Superannuation and provident fund liabilities, including interest (Notes 14, 15)	1,428,109	983,406
Creditors and other accounts	2,940,418	3,674,234
	<u>£9,103,561</u>	<u>£9,155,560</u>

(a) The $7\frac{1}{2}\%$ guaranteed debenture stock 1980/82 was redeemed at par on 30th November, 1982.

The $7\frac{1}{2}\%$ guaranteed debenture stock 1981/83 is redeemable at par on 31st March, 1983.

(b) The bills and other accounts payable to suppliers are stated after the deduction of £214,223 (1981: £162,019) representing interest attributable to subsequent years.

(c) The creditors and other accounts include a sum due to a foreign creditor amounting to £1,037,591 (1981: £659,987) the accuracy of which cannot, at present, be determined. However, from the information available, in the opinion of the Authority the said amount is fairly stated.

10. Reserve fund

	1982 £	1981 £
Balance 1st January, 1982	17,199,912	15,653,481
Revenue surplus for year	288,210	1,546,431
	<u>£17,488,122</u>	<u>£17,199,912</u>

11. Operating revenue

	1982	1981
	£	£
Telephone services	18,155,031	14,630,164
Telegraph services	425,634	416,856
Telex services	2,291,184	1,948,283
Other services	438,356	336,359
	<u>£21,310,205</u>	<u>£17,328,662</u>

12. Operating expenses

	1982	1981
	£	£
Staff costs	9,648,181	7,963,427
Maintenance	362,492	350,439
Network excavations	1,484,118	993,810
Depreciation and amortisation	3,721,867	3,038,630
Leased circuit rentals	858,382	646,577
Other	1,046,214	844,510
	<u>17,121,254</u>	<u>13,837,393</u>

Less:

Staff costs and transport allocated to:

Fixed assets	1,322,818	1,026,533
Recoverable works	33,447	28,533
	<u>1,356,265</u>	<u>1,055,066</u>
	<u>£15,764,989</u>	<u>£12,782,327</u>

13. Financial and other expenses

	1982	1981
	£	£
Interest on Government loans and debenture stock	240,997	246,716
Interest on suppliers' credit and loans from foreign financial institutions	1,343,604	532,285
Interest on superannuation fund liability (Note 14)	638,510	636,310
Other interest	33,181	1,215
Amount written off in respect of superannuation fund deficiency (Notes 6, 14)	1,508,506	1,508,506
Provision for post retirement pension increases (Note 14)	220,980	—
Provision for deficiency of the provident fund safeguarding benefit (Note 14)	115,615	292,073
Other	180,904	153,723
	<u>£4,282,297</u>	<u>£3,370,828</u>

14. Retirement benefits

(a) The Authority operates two separate staff retirement schemes: the superannuation fund and the provident funds. Contributions to these schemes are made by both: the Authority and staff. Unless otherwise stated below the liabilities towards these funds are discharged by payments made to the respective funds which operate independently from the finances of the Authority.

(b) *Superannuation fund:*

(i) Under the regulations of the superannuation fund the Authority is liable to make good deficiencies which may be revealed on periodic actuarial valuations of the fund. The outstanding liability in respect of the actuarial deficiency in the fund revealed by the valuation of 1981, which at 31st December, 1982 was £9,004,646, will be paid over the next 31 years by annual instalments at 7% interest per annum.

The deficiency is charged against revenues over a period of five years till 1985.

(ii) The Authority is also liable to make annual lump sum payments as from 1982, based on actuarial valuation, for the purpose of funding any pension increases after retirement.

(c) *Provident funds:*

Under the rules of the provident funds the Authority is liable to make good any deficiency that might arise between a minimum amount, as set down by the rules, and the amounts standing to the credit of the members of these funds on retirement. The aggregate sum provided for in respect of these deficiencies upto 31st December, 1982 amounted to £407,688. The Authority has not undertaken to fund these deficiency liabilities.

15. Option for non-contributory superannuation scheme

As a result of an agreement made between the Authority and the staff Trade Unions of the Authority, the members of the existing superannuation and monthly provident funds will be given the option to choose between these funds and a new non-contributory superannuation scheme which shall have retrospective effect from 1st January, 1982.

Pending the exercise of the said option, the Authority has withheld the payment of moneys due in 1982 for the actuarial deficiency of the superannuation fund as well as for the post retirement pension increases referred to in Note 14 above.

Under this scheme the Authority and staff would cease to contribute annually to any retirement fund as the total cost of the staff retirement benefits would be undertaken by the Authority. As the options have not yet been exercised, the future financial repercussions on the Authority cannot be ascertained at present.

16. Contractual commitments

Contractual commitments in respect of capital expenditure as at 31st December, 1982 not provided for in these Accounts, amounted to approximately £12,000,000 (1981: £10,000,000) of which £9,000,000 is payable in foreign currency. Amounts in foreign currency have been converted into Cyprus pounds at the rates of exchange ruling at 31st December, 1982.

17. Contingent liabilities

Contingent liabilities in respect of claims against the Authority amounted to approximately £570,000 at 31st December, 1982 (1981: £201,000). No provisions have been made in these Accounts in respect thereof.

18. Taxation and special contribution

The Authority acting on the basis of the advice of its legal adviser that it has no liability to income tax and special contribution (see Note) has made no provisions for liabilities to income tax and special contribution on the surplus for the year and on the surplus of previous years. The Authority is currently involved in litigation with the Inland Revenue with regard to income tax liability.

Note: Special contribution

Under special legislation enacted after the Turkish invasion of Cyprus, corporate bodies are liable to make quarterly contributions to the Special Fund for the Relief of Displaced Persons, computed by reference to the profit made in the respective quarter.

19. Investment share in Eutelsat

The Authority has signed the Convention and Operating Agreement of the European Telecommunication Satellite Organisation ("Eutelsat"), whereby it acquired an investment share in the Organisation. This share will be subject to adjustment in future on the basis of the Authority's utilisation of the system. Under the terms of the said agreement the Authority is required to make capital contributions proportionate to its investment share towards future development projects of the Organisation.

All moneys paid by the Authority in connection with the aforesaid, amounting to approximately £67,000 at 31st December, 1982, are reflected in the deferred accounts pending the decision of the Eutelsat Council, as to whether these moneys would be capitalised or be written off.

CYPRUS TELECOMMUNICATIONS AUTHORITY

RETURN ON CAPITAL EMPLOYED

	Financial Years ended 31st December				
	1982	1981	1980	1979	1978
	£000	£000	£000	£000	£000
Capital employed	52,422	40,563	27,990	23,317	20,004
Annual earnings	288	1,546	3,666	2,709	2,090
Percentage of annual earnings on capital employed	0.5%	3.8%	13.1%	11.6%	10.4%

Notes:

1. Capital employed represents the average of the opening and year-end reserve funds and liabilities.
2. Annual earnings are stated after the deduction of interest and, for the year 1978, after the deduction of the special contribution.
3. The annual earnings for 1982 have been materially affected by the amount written off in respect of the foreign exchange losses.





ΠΕΡΙΛΗΨΗ ΤΗΣ ΕΤΗΣΙΑΣ ΕΚΘΕΣΕΩΣ ΚΑΙ ΤΩΝ ΛΟΓΑΡΙΑΣΜΩΝ ΤΗΣ ΑΡΧΗΣ ΤΗΛΕΠΙΚΟΙΝΩΝΙΩΝ ΚΥΠΡΟΥ ΓΙΑ ΤΟ 1982

1. Η Αρχή Τηλεπικοινωνιών Κύπρου είναι Δημόσιος Οργανισμός και ιδρύθηκε με το Νόμο 67 του 1954 (Κεφ. 302 της Βασικής Νομοθεσίας), όπως τροποποιήθηκε με τους Νόμους 20/60, 34/62, 25/63 και 54/77. Η Αρχή αποτελείται από τον Πρόεδρο, τον Αντιπρόεδρο και πέντε Μέλη και διορίζεται από το Υπουργικό Συμβούλιο, στο οποίο είναι υπόλογη μέσω του Υπουργού Συγκοινωνιών και Έργων.
2. Η Αρχή είναι το Σώμα που καθορίζει την πολιτική του Οργανισμού και φέρει την ευθύνη για την παροχή, συντήρηση και ανάπτυξη πλήρους τηλεπικοινωνιακής υπηρεσίας, εσωτερικής και διεθνούς. Σύμφωνα με το Νόμο η Αρχή διορίζει Γενικό Διευθυντή και Γραμματέα και όλους τους αναγκαίους για τη διεκπεραίωση των εργασιών της Λειτουργούς. Το εργατικό δυναμικό της Αρχής σήμερα είναι 1712 υπάλληλοι, αριθμός στον οποίο δεν περιλαμβάνονται 255 Τούρκοι υπάλληλοι, που δεν παρουσιάζονται στην εργασία τους από το Δεκέμβριο του 1963.
3. Κατά τη διάρκεια του 1982, το Συμβούλιο της Αρχής συνήλθε σε 14 συνεδριάσεις κατά τις οποίες καθόρισε την πολιτική και ενέκρινε προγράμματα για τη διοίκηση και την ανάπτυξη του Οργανισμού.

4. ΥΠΗΡΕΣΙΕΣ ΠΟΥ ΠΡΟΣΦΕΡΕΙ Η ΑΡΧΗ

Η Τηλεφωνία, το Τέλεξ και η Τηλεγραφία είναι οι πιο σημαντικές υπηρεσίες της Αρχής από απόψεως κινήσεως και εσόδων. Το πλήρες φάσμα των υπηρεσιών που παρέχει η Αρχή και οι εργασίες που έγιναν μέσα στον υπό επισκόπηση χρόνο για την ανάπτυξη τους αναφέρονται αναλυτικά πιο κάτω:

4.1. Τηλεφωνική Υπηρεσία

Η Αρχή παρέχει πλήρη αυτόματη εσωτερική και διεθνή υπηρεσία πάνω σε 24ωρη βάση.

Η εσωτερική τηλεφωνική κίνηση αυξήθηκε κατά 15% και η διεθνής κατά 29% σε σύγκριση με εκείνη του 1981.

Εγκαταστάθηκαν 7,988 νέες συνδρομητικές γραμμές και έτσι ο ολικός αριθμός έφθασε τις 94,132 (35,253 αιτήσεις παραμένουν ακόμα στον πίνακα αναμονής).

Εργασίες που εκτελέστηκαν στα διάφορα αστικά και αγροτικά τηλεφωνικά κέντρα αύξησαν τις γραμμές κατά 14,150. Καταρτίστηκαν προγράμματα και δόθηκαν παραγγελίες για αύξηση της χωρητικότητας του συστήματος κατά 39,000 επιπρόσθετες γραμμές μέσα στο 1983.

Η Κύπρος συνδέεται αυτόματα με 69 Χώρες (90% της διεθνούς κινήσεως) μέσω του Συστήματος Αυτόματης Επιλογής και κατατάσσεται σ' αυτό τον τομέα μεταξύ των τεσσάρων περισσότερο αναπτυγμένων χωρών στο διεθνή χώρο.

4.2. Υπηρεσία Τέλεξ

Η Αρχή παρέχει αδιάκοπη αυτόματη υπηρεσία με 148 χώρες και μέσω χειριστή με τις υπόλοιπες χώρες που διαθέτουν τέτοια υπηρεσία.

Η διεθνής κίνηση σε λεπτά αυξήθηκε κατά 16% και η εσωτερική κατά 25% σε σύγκριση με εκείνη του 1981.

Εγκαταστάθηκαν 360 νέες συσκευές τέλεξ και έτσι οι συνδρομητές τέλεξ έφθασαν τις 2,249.

4.3. Τηλεγραφική Υπηρεσία

Η Αρχή παρέχει ικανοποιητική και αδιάκοπη αυτόματη τηλεγραφική υπηρεσία με όλο τον κόσμο μέσω του Αυτόματου Κέντρου Μεταδόσεως Μηνυμάτων.

Η διεθνής Τηλεγραφική Κίνηση μειώθηκε κατά 9% σε αριθμό τηλεγραφημάτων ενώ η Εσωτερική Κίνηση παρουσίασε αύξηση 7%.

4.4. Ραδιοφωνικές Μεταδόσεις (Εσωτερικού)

Παρέχονται πλήρεις διευκολύνσεις στο Ραδιοφωνικό Ίδρυμα Κύπρου για την πραγματοποίηση εξωτερικών μεταδόσεων από οποιοδήποτε σημείο της Κύπρου.

Μέσα στο 1982 πραγματοποιήθηκαν 92 εξωτερικές μεταδόσεις έναντι 90 του προηγούμενου χρόνου.

4.5. Μεταδόσεις (Εξωτερικού)

Παρέχονται διευκολύνσεις σε ξένους ανταποκριτές για τη μετάδοση ειδήσεων στις εφημερίδες τους.

Μέσα στο 1982 πραγματοποιήθηκαν 95 μεταδόσεις έναντι 68 του 1981.

4.6. Τηλεοπτικές μεταδόσεις (Διεθνείς)

Είναι υπηρεσία που παρέχεται σε ανταποκριτές τηλεοπτικών δικτύων και ειδησεογραφικούς ανταποκριτές για τη λήψη και μετάδοση έγχρωμων ή μαυρόασπρων προγραμμάτων μέσω του Δορυφορικού Σταθμού προς και από όλες τις χώρες που εξυπηρετούνται από το Δορυφόρο της περιοχής του Ατλαντικού Ωκεανού.

Κατά τη διάρκεια του 1982 πραγματοποιήθηκαν 56 μεταδόσεις και 216 λήψεις ενώ μέσα στο 1981 πραγματοποιήθηκαν 9 μεταδόσεις και 18 λήψεις. Οι αριθμοί δείχνουν μια εξαιρετική ανοδική τάση στη χρήση της υπηρεσίας αυτής. Αξίζει να σημειωθεί ότι από τον Ιούλιο του 1982 λαμβάνονται καθημερινά για λογαριασμό του Ραδιοφωνικού Ιδρύματος Κύπρου δελτία ειδήσεων της EUROVISION.

4.7. Datel

Είναι μια ραγδαία εξελισσόμενη υπηρεσία, που καθιστά δυνατή την ανταλλαγή δεδομένων μεταξύ ηλεκτρονικών υπολογιστών μέσω του τηλεφωνικού δικτύου και προσφέρεται τόσο για εσωτερική όσο και διεθνή επικοινωνία.

4.8. Επικοινωνία με πλοία στην ανοικτή θάλασσα

Παρά το γεγονός ότι η ποιότης της υπηρεσίας αυτής βελτιώθηκε με την εγκατάσταση σύγχρονου εξοπλισμού, η κίνηση της μέσα στο 1982 παρουσίασε μείωση περίπου 8%.

Με βάση τα στοιχεία που τηρούνται από την Αρχή, μέσω του Παράκτιου Σταθμού πραγματοποιήθηκαν 154,855 τηλεφωνικές κλήσεις μέσα στο 1982 έναντι 168,741 του 1981. Η διάρκεια των κλήσεων έφτασε τις 655,951 λεπτά σε σύγκριση με 714,916 του προηγούμενου χρόνου.

Η τηλεγραφική κίνηση που διοχετεύθηκε μέσω του Παράκτιου Σταθμού ήταν 12,444 τηλεγραφήματα με 283,776 λέξεις έναντι 13,354 τηλεγραφημάτων με 308,211 λέξεις του 1981.

Κατά τη διάρκεια του χρόνου ο Παράκτιος Σταθμός χειρίστηκε 43 σήματα SOS, 22 προειδοποιήσεις προς τους ναυτιλλομένους και 22 κλήσεις για ιατρική βοήθεια.

4.9. Τηλεπικοινωνιακή Υπηρεσία της Πολιτικής Αεροπορίας

Η Αρχή συνέχισε να προσφέρει τεχνικές και χειριστικές υπηρεσίες στο Τμήμα Πολιτικής Αεροπορίας για τη λειτουργία του τηλεπικοινωνιακού εξοπλισμού που βρίσκεται τόσο στο Αεροδρόμιο Λάρνακας όσο και στο Κέντρο Επικοινωνιών στη Λευκωσία. Οι διευκολύνσεις που παρέχονται από την Αρχή είναι σύμφωνες με τα επίπεδα και τις πρακτικές διαδικασίες που συνιστά ο Διεθνής Οργανισμός Πολιτικής Αεροπορίας (I.C.A.O.).

Επιπρόσθετα, η Αρχή έχει αναλάβει την ευθύνη για την εγκατάσταση και συντήρηση όλων των τηλεπικοινωνιακών και αεροπλοϊκών διευκολύνσεων για το Αεροδρόμιο Πάφου, όπως ακριβώς συμβαίνει με το Αεροδρόμιο

της Λάρνακας. Κατά το τέλος του 1982 συμπληρώθηκε όλη η προκαταρκτική εργασία και μέσα στο 1983 θα δοθούν οι παραγγελίες για την προμήθεια του αναγκαίου εξοπλισμού για το νέο αυτό Αεροδρόμιο.

4.10. Μετεωρολογική Υπηρεσία

Η Αρχή παρείχε ικανοποιητική υπηρεσία στο Γραφείο της Μετεωρολογικής Υπηρεσίας στο Αεροδρόμιο Λάρνακας με τη διατήρηση κατάλληλου εξοπλισμού για τη λήψη αξιόπιστων μετεωρολογικών δελτίων και προγνώσεων καιρού από το εξωτερικό.

5. ΑΣΤΙΚΗ, ΑΓΡΟΤΙΚΗ ΚΑΙ ΔΙΕΘΝΗΣ ΤΗΛΕΠΙΚΟΙΝΩΝΙΑΚΗ ΑΝΑΠΤΥΞΗ

Συνεχίστηκαν συντονισμένες προσπάθειες για ισορροπημένη ανάπτυξη της αστικής, της αγροτικής και της διεθνούς υπηρεσίας.

Για να μπορέσει η Αρχή να αντιμετωπίσει ικανοποιητικά την ολονέν αυξανόμενη ζήτηση τηλεπικοινωνιακής υπηρεσίας, προχώρησε μέσα στο 1982 σε συνολική επέκταση του δικτύου της σε όσο βαθμό της επέτρεψε το εργατικό δυναμικό και τα οικονομικά μέσα που είχε στη διάθεση της.

Τα κυριότερα έργα που εκτελέστηκαν μέσα στο 1982 είναι:

- 5.1. Επεκτάθηκε το Διεθνές Τηλεφωνικό Κέντρο.
- 5.2. Συμπληρώθηκε η εγκατάσταση του Κέντρου Λασιών δυναμικότητας 3,000 γραμμών.
- 5.3. Άρχισε η εγκατάσταση νέου τηλεφωνικού κέντρου δυναμικότητας 5,000 γραμμών στην περιοχή Ακροπόλεως.
- 5.4. Συμπληρώθηκε το Κέντρο Αμαθούντος των 3,000 γραμμών.
- 5.5. Άρχισαν εργασίες στο Κέντρο Λεμεσού, που αναμένεται να ανεβάσουν τελικά τη χωρητικότητα του στις 32,000 γραμμές.
- 5.6. Επεκτάθηκε το Κέντρο Λάρνακας με 1,000 γραμμές και έτσι η χωρητικότητα του έφτασε τις 10,000.
- 5.7. Εγκαταστάθηκε στο Δάλι πρόσθετος εξοπλισμός που αύξησε τη χωρητικότητα του από 600 σε 1,000 γραμμές.
- 5.8. Εγκαταστάθηκε κέντρο 250 γραμμών στο Παλαιχώρι.
- 5.9. Άρχισαν οι εργασίες για την εγκατάσταση κέντρου 3,000 γραμμών στη Λακατάμια και υπολογίζεται να τελειώσουν μέσα στο 1983.
- 5.10. Άρχισαν οι εργασίες για την εγκατάσταση κέντρου 1,000 γραμμών στην Κοκκινότριμιθιά και υπολογίζεται να συμπληρωθούν μέσα στο 1983.
- 5.11. Άρχισαν οι εργασίες για την αύξηση της χωρητικότητας του Κέντρου Δευτεράς από 600 σε 1,000 γραμμές και αναμένεται να συμπληρωθούν μέσα στο 1983.
- 5.12. Συμπληρώθηκε η εργασία για την εγκατάσταση κέντρου 600 γραμμών στην Αυδήμου.
- 5.13. Εγκαταστάθηκε κέντρο 600 γραμμών στον Αγρό.
- 5.14. Άρχισαν οι εργασίες για την εγκατάσταση νέου κέντρου 600 γραμμών στην Ερήμη και αναμένεται να συμπληρωθούν μέσα στο 1983.
- 5.15. Συμπληρώθηκαν οι εργασίες για την αύξηση της χωρητικότητας του Κέντρου Πλατρών από 600 σε 1,000 γραμμές.
- 5.16. Εγκαταστάθηκε κέντρο 600 γραμμών στην Ορμήδεια.
- 5.17. Συμπληρώθηκαν οι εργασίες για την εγκατάσταση κέντρου 2,000 γραμμών στο Παραλίμνι.
- 5.18. Συνεχίστηκαν οι εργασίες για την εγκατάσταση αγροτικού κέντρου 100 γραμμών στις Βρυσούλλες.
- 5.19. Συμπληρώθηκε η εγκατάσταση κέντρου 600 γραμμών στην Πέγεια.
- 5.20. Άρχισαν οι εργασίες για την εγκατάσταση αγροτικού κέντρου 100 γραμμών στον Άγιο Νικόλαο της Πάφου και αναμένεται να συμπληρωθούν μέσα στο 1983.
- 5.21. Συμπληρώθηκαν οι εργασίες για την εγκατάσταση νέου κέντρου 600 γραμμών στην Κακοπετριά.

- 5.22. Συμπληρώθηκαν οι εργασίες για την εγκατάσταση κέντρου 300 γραμμών στη Μοσφιλωτή.
- 5.23. Άρχισαν οι εργασίες για την εγκατάσταση κέντρου 1,000 γραμμών στο Κίτι.
- 5.24. Συμπληρώθηκαν οι εργασίες για την εγκατάσταση κέντρου 100 γραμμών στο Στατό-Άγιο Φώτιο.
- 5.25. Εγκαταστάθηκαν 173 Αυτόματες Δευτερεύουσες Τηλεφωνικές Εγκαταστάσεις σε διάφορες ιδιωτικές επιχειρήσεις σ' όλη την Κύπρο.
- 5.26. Εξωτερικό δίκτυο Γραμμών
 - α. Κατασκευάστηκαν 496 φρεάτια.
 - β. Τοποθετήθηκαν υπόγειοι αγωγοί σε απόσταση 358.9 Χλμ.
 - γ. Εγκαταστάθηκαν υπόγεια καλώδια μήκους 727.7 Χλμ, που σε μονό σύρμα φθάνει τις 242,005 Χλμ.
 - δ. Εγκαταστάθηκε δίκτυο πασσάλων μήκους 88 Χλμ.
 - ε. Εγκαταστάθηκε μονό σύρμα πάνω σε πασσάλους μήκους 99.2 Χλμ.
- 5.27. Εγκαταστάθηκαν ασύρματες ζεύξεις UHF και Φερέσυχνα στα αγροτικά τηλεφωνικά κέντρα για να συνδεθούν με το ανάλογο τηλεφωνικό κέντρο κάθε ζώνης.
- 5.28. Εγκαταστάθηκε σύστημα Φερεσύχνων στη Μαδαρή και το Πισσούρι για την παροχή διευκολύνσεων για την τηλεφωνική υπηρεσία εσωτερικού.
- 5.29. Άρχισε τη λειτουργία του το σύστημα SPADE στο Δορυφορικό Σταθμό και παρέχει υπηρεσία με 12 χώρες χρησιμοποιώντας, ανάλογα με τη ζήτηση, κανάλια του Δορυφόρου της περιοχής του Ατλαντικού Ωκεανού.
- 5.30. Μέσα στο 1982 εγκαταστάθηκε ο Δορυφορικός Σταθμός «ΜΑΚΑΡΙΟΣ 2B», έγιναν οι σχετικές δοκιμές του και μπήκε σε λειτουργία τον Οκτώβριο, παρέχοντας υπηρεσία σε χώρες της περιοχής καλύψεως του πρωτεύοντος Δορυφόρου INTELSAT V του Ινδικού Ωκεανού.
- 5.31. Εγκαταστάθηκαν 68 νέοι αυτόματοι τηλεφωνικοί θάλαμοι και έτσι ο συνολικός αριθμός τους έφθασε τους 910.
- 5.32. Η υπηρεσία πληροφοριών (192) βελτιώθηκε και εκσυγχρονίστηκε με την εγκατάσταση Ηλεκτρονικού Συστήματος για την τήρηση αρχείου των συνδρομητών.
- 5.33. Συνεχίζονται οι εργασίες για την ανέγερση των Κεντρικών Διοικητικών Κτιρίων της Αρχής και αναμένεται να περατωθούν μέσα στο 1984.
- 5.34. Συμπληρώθηκε μέσα στο 1982 η ανέγερση των πιο κάτω κτιρίων:
 - α. Επέκταση του Κτιρίου Ακροπόλεως
 - β. Τηλεφωνικό Κέντρο Κοκκινοτριμιθιάς
 - γ. Τηλεφωνικό Κέντρο Λακατάμιας
 - δ. Τηλεφωνικό Κέντρο Παλλουριώτισσας
 - ε. Τηλεφωνικό Κέντρο Παλαιχωριού
 - στ. Επέκταση των Αποθηκών στα Σαράντα Σπήλια
 - ζ. Τηλεφωνικό Κέντρο Λευκάρων
 - η. Τηλεφωνικό Κέντρο Κιτίου
 - θ. Επαναληπτικός Σταθμός Λάρας
 - ι. Τηλεφωνικό Κέντρο Παραλιμινιού.

6. ΣΥΝΤΗΡΗΣΗ

Υιοθετήθηκαν και εφαρμόστηκαν αυστηρές και συνεχείς διαδικασίες συντηρήσεως για όλο τον τεχνικό εξοπλισμό, που είχαν ως αποτέλεσμα την τήρηση υψηλού επιπέδου ικανότητας και επάρκειας όλων των υπηρεσιών.

7. ΕΡΓΑΤΙΚΕΣ ΣΧΕΣΕΙΣ

Μέσα στο 1982 διατηρήθηκαν ικανοποιητικές εργατικές σχέσεις και έτσι η εργατική ομαλότητα που εξασφαλίστηκε, σε συνδυασμό με τη στενή συνεργασία μεταξύ Διευθύνσεως και Προσωπικού είχαν ως αποτέλεσμα την επιτυχή εφαρμογή των εκτεταμένων αναπτυξιακών προγραμμάτων και βελτιωμένων μεθόδων της Αρχής και οδήγησαν στην προσφορά καλύτερης και επαρκέστερης υπηρεσίας στο κοινό.

Οι διαπραγματεύσεις σχετικά με τα αιτήματα των Συντεχνιών, οι οποίες κατά το τέλος του 1981 βρίσκονταν ακόμα σε εξέλιξη, έληξαν κατά τρόπο ικανοποιητικό και κατάληξαν σε συμφωνία που προνοούσε για ορισμένες βελτιώσεις στους όρους εργασίας του Προσωπικού. (Λεπτομέρειες σχετικά με τις σημαντικότερες βελτιώσεις στους όρους εργασίας του Προσωπικού, με βάση τη νέα συμφωνία, φαίνονται στον Πίνακα Α της Ετήσιας Εκθέσεως).

Η Αρχή επιδεικνύει ιδιαίτερο ενδιαφέρον και συμπάθεια σε όλα τα θέματα που αφορούν την ευημερία, ασφάλεια, υγεία και εκπαίδευση του Προσωπικού της μέσω των Μεικτών Επιτροπών Διευθύνσεως—Προσωπικού.

8. ΚΟΙΝΟΠΟΛΙΤΕΙΑΚΟΣ ΟΡΓΑΝΙΣΜΟΣ ΤΗΛΕΠΙΚΟΙΝΩΝΙΩΝ (C.T.O.)

Με μεγάλη της λύπη η Αρχή σημειώνει το θάνατο του Ν.Σ. Ρούσου στις 30 Ιουνίου, 1982, Προέδρου της Αρχής και Αντιπροσώπου της Κύπρου στον Κοινοπολιτειακό Οργανισμό Τηλεπικοινωνιών. Ο εκλιπών Πρόεδρος συνέχισε να αντιπροσωπεύει την Κύπρο στον Κοινοπολιτειακό Οργανισμό Τηλεπικοινωνιών μέχρι τις 30 Ιουνίου, 1982.

Από τις 29 Ιουλίου, 1982 ο νέος Πρόεδρος της Αρχής κ. Α.Τ. Δημητριάδης διορίστηκε από την Κυβέρνηση ως ο Αντιπρόσωπος της Κύπρου στο Κοινοπολιτειακό Συμβούλιο Τηλεπικοινωνιών.

Η Αρχή με ευχαρίστηση φιλοξένησε το 22ο Συνέδριο του Κοινοπολιτειακού Συμβουλίου Τηλεπικοινωνιών στη Λευκωσία από τις 11 μέχρι τις 15 Νοεμβρίου, 1982. Στο Συνέδριο παρέστησαν 50 Αντιπρόσωποι και Σύμβουλοι από 23 χώρες της Κοινοπολιτείας.

Η Κύπρος οργάνωσε επίσης την Κοινοπολιτειακή Διάσκεψη του 1982 για τις Τηλεπικοινωνίες αμέσως μετά το πιο πάνω Συνέδριο, από τις 16 μέχρι τις 19 Νοεμβρίου, 1982. Τις εργασίες της Διασκέψεως άνοιξε ο Εξοχώτατος Πρόεδρος της Δημοκρατίας κ. Σπύρος Κυπριανού και σ' αυτές παρέστησαν Υπουργοί, Κυβερνητικοί αξιωματούχοι και αντιπρόσωποι Τηλεπικοινωνιακών Οργανισμών από 26 χώρες της Κοινοπολιτείας. Ο Εξοχώτατος Υπουργός Συγκοινωνιών και Έργων κ. Χρίστος Μαυρέλλης εξελέγη ομόφωνα Πρόεδρος της Κοινοπολιτειακής Διασκέψεως του 1982 για τις Τηλεπικοινωνίες.

Η Διάσκεψη αυτή ασχολήθηκε με τις Νέες Οικονομικές Διευθετήσεις, τον τερματισμό της Οικονομικής Συμφωνίας του 1973, την προτεινόμενη συμφωνία μεταξύ του Ηνωμένου Βασιλείου και του Κοινοπολιτειακού Οργανισμού Τηλεπικοινωνιών και έκαμε ανάλογες εισηγήσεις στις Κυβερνήσεις των χωρών της Κοινοπολιτείας.

9. ΟΙΚΟΝΟΜΙΚΑ

9.1. Τα έσοδα λειτουργίας της Αρχής ανήλθαν στα £21,310,205.- έναντι £17,328,662.- του προηγούμενου χρόνου, τα οποία αναλυτικά προέρχονται από τις ακόλουθες πηγές:

α. Τηλεφωνική Υπηρεσία	£18,155,031
β. Υπηρεσία Τέλεξ	£ 2,291,184
γ. Τηλεγραφική Υπηρεσία	£ 425,634
δ. Άλλες Υπηρεσίες	£ 438,356
	<u>£21,310,205</u>

Όπως φαίνεται πιο πάνω, η κύρια πηγή εσόδων ήταν η Τηλεφωνική Υπηρεσία και σε μικρότερο βαθμό η Υπηρεσία Τέλεξ.

- 9.2. Τα έξοδα λειτουργίας έφτασαν τα £17,121,254, κατά 23.7% ψηλότερα από εκείνα του 1981 (£13,837,393). Οι παράγοντες που συνετέλεσαν στην αύξηση ήταν το μισθολόγιο, οι εκσκαφές για το τηλεπικοινωνιακό δίκτυο και η απόσβεση λόγω των εκτεταμένων αναπτυξιακών έργων.
- 9.3. Το καθαρό πλεόνασμα του 1982 ήταν £288,210 σε σύγκριση με £1,652,316 του 1981. Η μείωση αυτή οφείλεται κατά κύριο λόγο στη μετατροπή του σε ξένο συνάλλαγμα υπολοίπου μέσα στα λογιστικά βιβλία στις 31 Δεκεμβρίου, 1982, με τις τιμές συναλλάγματος της ημερομηνίας εκείνης.
- 9.4. Οι προσθήκες στο πάγιο ενεργητικό κατά τη διάρκεια του χρόνου έφθασαν τα £11,876,627 (1981 £15,232,961), ύστερα από την αφαίρεση ποσού £374,905 (1981 £310,222), που αποτελεί τις συνεισφορές από συνδρομητές με τη μορφή τέλους εγκαταστάσεως.
- Τα αναπτυξιακά έργα του 1982 χρηματοδοτήθηκαν κατά 50% από πηγές του εσωτερικού και κατά 50% από πηγές του εξωτερικού (πιστώσεις από προμηθευτές και δάνεια από οικονομικά ιδρύματα του εξωτερικού).
- 9.5. Η Αρχή έχει μακροπρόθεσμες υποχρεώσεις, συμποσούμενες στα £2,702,342, σε προμηθευτές και οικονομικά ιδρύματα του εξωτερικού για δάνεια που πήρε για τη χρηματοδότηση του αναπτυξιακού της προγράμματος.
- Οι υποχρεώσεις αυτές πρέπει να εξοφληθούν σε περίοδο μεταξύ 2 και 17 χρόνων με επιτόκια κυμαινόμενα μεταξύ 3.5% και 9% το χρόνο.
- 9.6. Οι συμβατικές υποχρεώσεις της Αρχής την 31 Δεκεμβρίου, 1982 έφταναν τα £12,000,000 (1981 £10,000,000). Σ' αυτές περιλαμβάνεται ποσό £1,000,000 για τα Νέα Διοικητικά Κτίρια και το υπόλοιπο αντιπροσωπεύει εκκρεμείς παραγγελίες για τηλεφωνικά κέντρα και άλλο εξοπλισμό και υλικά για το αναπτυξιακό της πρόγραμμα.
- Η Αρχή, ως μη κερδοσκοπικός Οργανισμός, επενδύει κάθε πλεόνασμα για αναπτυξιακούς σκοπούς.

10. ΓΕΝΙΚΑ

- 10.1. Ιδιαίτερη σημασία αποδίδεται στην επέκταση του εσωτερικού δικτύου και ειδικότερα αυτού των αγροτικών περιοχών και αναμένεται ότι μέχρι το τέλος της δεκαετίας του 80 θα ικανοποιούνται άμεσα αιτήσεις για παροχή υπηρεσίας σ' οποιοδήποτε σημείο του νησιού.
- Με τη λειτουργία δευτέρου υποβρύχιου καλωδίου 1380 καναλιών με την Ελλάδα, μαζί με τα υφιστάμενα καλώδια των 480 καναλιών το καθένα με την Ελλάδα και το Λίβανο, σε συνδυασμό με τον Επίγειο Δορυφορικό Σταθμό ΜΑΚΑΡΙΟΣ, που έχει αντένες στραμμένες προς τον Ατλαντικό και τον Ινδικό Ωκεανό, και το σύστημα ζεύξεως UHF, βρίσκεται στη διάθεση της Αρχής ικανοποιητικός αριθμός καναλιών για προσφορά άμεσης και ψηλής ποιότητας υπηρεσίας στο κοινό γενικά.
- 10.2. Η Αρχή διατηρεί άριστες σχέσεις με το Προσωπικό της και με όλους τους ξένους Τηλεπικοινωνιακούς Οργανισμούς, διαδραματίζει ενεργό και ηγετικό ρόλο σε περιφερειακά και διεθνή συνέδρια και παρακολουθεί στενά τις τεχνολογικές εξελίξεις. Μ' αυτό τον τρόπο η Αρχή διαφυλάσσει την επίζηλη θέση της μεταξύ των αναπτυγμένων τηλεπικοινωνιακά χωρών του κόσμου.



SUMMARY OF THE 1982 ANNUAL REPORT AND ACCOUNTS OF THE CYPRUS TELECOMMUNICATIONS AUTHORITY

1. The Cyprus Telecommunications Authority is a Public Corporation, established by Law 67 of 1954 (Cap. 302), as amended by Laws 20/60, 34/62, 25/63 and 54/77. The Authority consists of a Chairman, a Vice Chairman and five Members, appointed by the Council of Ministers, to whom they are answerable through the Minister of Communications and Works.
2. The Authority is the Policy Making Body responsible for the provision, maintenance and development of a comprehensive telecommunications service nationally and internationally. In accordance with the Law, the Authority appoints a General Manager and a Secretary and any other Officers for the conduct of its business. At present the manpower force of the Authority is 1712, excluding 255 Turkish employees who do not report for duty as from December, 1963.
3. During 1982, the Authority's Board had 14 meetings and approved policies and plans for the administration and development of the Authority.

4. SERVICES PROVIDED BY THE AUTHORITY

The Telephone, Telex and Telegraph services are the most important services of the Authority in respect of quantity and revenue. The full range of the services provided by the Authority and the development thereon during the year under review are detailed hereunder:-

4.1. Telephone Service

The Authority provides fully automatic service, both national and international, on a twenty-four hour basis.

The inland telephone traffic increased by 15% and the international by 29% over the 1981 traffic.

7,988 new telephone lines were installed, bringing the total number of working lines to 94,132 (35,253 applications are still on the Waiting List).

Work in various urban and rural exchanges resulted in an increase of 14,150 lines. Plans were made and orders placed providing for a substantial increase of the network capacity in 1983.

Sixty nine countries can be reached automatically from Cyprus amounting to ninety per cent of overseas traffic through the International Subscribers Dialling System and Cyprus ranks, in this respect, among the four top countries internationally.

4.2. Telex Service

The Authority provides automatic 24 hour seven days a week telex service directly with 148 countries and through the operator with the rest of the countries which maintain such a service. International traffic in minutes increased by 16% and national by 25% over that of 1981.

360 new telex units were installed, bringing the total number of telex subscribers to 2,249.

4.3. Telegraph Service

Satisfactory automatic telegraph service at all times is provided to all parts of the world through the Nicosia Automatic Message Switching Centre.

The telegrams through the International Network decreased by 9%, whereas those through the National Network increased by 7%.

4.4. Broadcast (local)

Full facilities are provided to the Cyprus Broadcasting Corporation for effecting outside broadcasts from any point in the island.

92 outside broadcasts were effected in 1982 against 90 of the previous year.

4.5. Voicecasts (overseas)

Voicecasts facilities are offered to foreign correspondents to cover news reports for their newspapers.

95 voicecasts were effected in 1982 against 68 in 1981.

4.6. Video Telecast Service (Overseas)

This service is offered to television broadcasters and video news agents, for the transmission and/or reception of colour or black and white video programmes, via the Earth Station to/from any country served by the Intelsat Atlantic Region Satellite.

56 transmissions and 216 receptions were effected during 1982 against 9 transmissions and 18 receptions in 1981. The figures show an extreme upward trend in the use of this service. It is worth noting that as from July 1982, Eurovision news were received on a daily basis, for the Cyprus Broadcasting Corporation.

4.7. Datel

Datel is a rapidly expanding service enabling the exchange of data between computer systems over the telephone network. Datel is available for both National and International Communications.

4.8. Communication with ships at sea (Maritime Service)

Despite the improvement in the quality of this service as a result of the installation of modern equipment, the traffic handled during the year under review, evidenced a decrease by about 8%.

According to the records kept by the Authority 154,855 telephone calls were effected through the "Cyprus Radio" coast station against 168,741 in 1981. The duration of the calls handled by the said service reached 655,951 minutes against 714,916 of the previous year.

The telegraph traffic passed through Cyprus Radio were 12,444 telegrams with 283,776 words against 13,354 telegrams with 308,211 words in 1981.

During the year Cyprus Radio handled 43 Distress SOS signals, 22 Navigational Warnings and 22 Medico Calls (Requests for medical help or advice).

4.9. Civil Aviation Telecommunication Services

The Authority continued to provide technical and operational services to the Department of Civil Aviation, for the running of all telecommunication facilities both at the Larnaca International Airport and the Nicosia Communication Centre. The facilities provided by the Authority, conform to the standards and Recommended Practices laid down by the International Civil Aviation Organisation (I.C.A.O.).

In addition the Authority undertook the responsibility for the installation and maintenance of all communications and navigational facilities for the Paphos Airport, as is the case with the Larnaca Airport. By the end of 1982 all preliminary work was completed and orders for the necessary equipment for this new Airport will be placed in 1983.

4.10. Meteorological Service

Reliable service was provided to the Meteorological Office at Larnaca Airport by maintaining the appropriate equipment for the reception of meteorological bulletins and weather charts from abroad.

5. URBAN, RURAL AND INTERNATIONAL TELECOMMUNICATIONS DEVELOPMENT

An overall effort was made towards a balanced development of the urban, rural and international services.

In order to meet adequately the ever increasing demand for telecommunications service, the Authority continued during 1982, the overall expansion of its network having regard to its manpower and financial resources.

The main development works during 1982 are outlined below:-

- 5.1. Further expansion of the International Telephone Exchange.
- 5.2. Completion of the Latsia exchange of 3,000 lines.
- 5.3. Commencement of the installation of a new 5,000 lines Exchange at Acropolis.
- 5.4. Completion of the Amathus Exchange of 3,000 lines.
- 5.5. Commencement of the work on the Limassol Exchange, expected to be completed in 1983, bringing the total number of lines to 32,000.
- 5.6. Expansion of the Larnaca Exchange by 1,000, bringing the total number of lines to 10,000.
- 5.7. Additional equipment was installed at Dhali Exchange increasing its capacity from 600 to 1,000 lines.
- 5.8. Installation of a 250 lines exchange at Palekhori.
- 5.9. Commencement of the work for the installation of a 3,000 lines exchange at Lakatamia, expected to be completed in 1983.
- 5.10. Commencement of the work for the installation of a 1,000 lines exchange at Kokkinotrimithia, expected to be completed in 1983.
- 5.11. Commencement of the work for the increase of the capacity of Dheftera Exchange from 600 to 1,000 lines, expected to be completed in 1983.
- 5.12. Completion of the work for the installation of a 600 lines exchange at Evdhimou.
- 5.13. Installation of a 600 lines exchange at Agros.
- 5.14. Commencement of the work for the installation of a new 600 lines exchange at Erimi, expected to be completed in 1983.
- 5.15. Completion of the work for the extension of the capacity of the Platres Exchange from 600 to 1,000 lines.
- 5.16. Installation of a 600 lines exchange at Ormidhia.
- 5.17. Completion of the work for the installation of a 2,000 lines exchange at Paralimni.
- 5.18. Commencement of work for the installation of a 100 lines Exchange at Vrysoulles.
- 5.19. Completion of a 600 lines exchange at Peyia.
- 5.20. Commencement of work for the installation of a 100 lines rural exchange at Ayios Nicolaos (Paphos), expected to be completed in 1983.
- 5.21. Completion of the work for the installation of a new 600 lines exchange at Kakopetria.
- 5.22. Completion of the work for the installation of a 300 lines exchange at Mosphiloti.

- 5.23. Commencement of work for the installation of a 1,000 lines exchange at Kiti.
- 5.24. Completion of the work for the installation of a 100 lines exchange at Stalos-Ayios Photios.
- 5.25. 173 P.A.B.Xs were installed at various private business establishments all over Cyprus.
- 5.26. External Line Plant Network
 - (a) 496 manholes constructed
 - (b) 358.9 Km ducts were laid
 - (c) 727.7 Km cable laid equivalent to 242,005 Km of single wire
 - (d) 88 Km pole route installed
 - (e) 99.2 Km single wire installed.
- 5.27. UHF Radio equipment and Multiplex were installed at the rural exchanges for operation with their respective zone centre exchanges.
- 5.28. Multiplex equipment was installed at Madhari and Pissouri to provide further facilities to the inland telephone service.
- 5.29. The SPADE system for the "Standard A" earth station was put in operation and provides service to 12 countries utilizing on demand channels on the Atlantic Ocean Region satellite.
- 5.30. The "MAKARIOS 2B" earth station was installed and tested. It operates with INTELSAT V, the Indian Ocean Primary Satellite, and provides service with countries in the Indian Ocean Region area.
- 5.31. 68 additional fully automatic coin operated telephones were installed bringing the total number to 910.
- 5.32. The 192 Inquiry Service was improved and modernized with the installation of a Computerized Directory Assistance System.
- 5.33. Work on the Head Office building of the Authority is continuing and is expected to be completed in 1984.
- 5.34. The following buildings were completed in 1982:
 - The extension of the Acropolis Building
 - Kokkinotrimithia Exchange
 - Lakatamia Exchange
 - Pallouriotissa Exchange
 - Palekchori Exchange
 - Saranta Spilia Stores Extension
 - Lefkara Exchange
 - Kiti Exchange
 - Lara Repeater Station
 - Paralimni Exchange.

6. MAINTENANCE

Strict and continuous maintenance procedures for all equipment were employed, resulting in a high standard of efficiency and reliability of all services.

7. STAFF RELATIONS

Satisfactory labour relations were maintained during 1982 and the industrial peace thus ensured, coupled with the close cooperation of Management and Staff resulted in the successful implementation of the Authority's extensive development plans and improved methods and led to a better and more efficient service to the public.

The negotiations regarding the claims of the Union, which by the end of the year 1981 were still in progress, were satisfactorily concluded and agreement was reached for certain improvements in staff conditions of service.

(Details regarding the major improvements of staff conditions of service as per the new agreement are shown on Appendix A of the Annual Report).

The Authority shows particular interest and sympathy in all matters appertaining to the welfare, safety, health and training of its personnel through Joint Management/Staff Committees.

8. COMMONWEALTH TELECOMMUNICATIONS ORGANIZATION (C.T.O.).

It is with deep sorrow that the Authority records the death of late N.S. Roussos on 30th June, 1982, Chairman of the Authority and the Cyprus Representative on the Commonwealth Telecommunications Organization. The late Chairman continued to represent Cyprus on the C.T.O. upto 30th June, 1982. As from 29th July, 1982 the new Chairman of the Authority, Mr. A.T. Demetriades, was appointed by the Government as the Representative on C.T. Council for Cyprus.

The Authority had the pleasure of hosting the 22nd Commonwealth Telecommunications Council Meeting in Nicosia from 11 to 15 November 1982. This Meeting was attended by 50 Representatives and Advisers from 23 Commonwealth countries.

Cyprus also organized the 1982 Commonwealth Telecommunications Conference in Nicosia, immediately after the above Meeting, from 16 to 19 November, 1982. The Conference was opened by His Excellency the President of the Republic, Mr. Spyros Kyprianou and attended by Ministers, Government officials and representatives of Telecommunications Administrations from 26 Commonwealth countries. H.E. the Minister of Communications and Works Mr. Christos Mavrellis was unanimously elected Chairman of the Commonwealth Telecommunications Conference 1982. This Conference dealt with the New Financial Arrangements, the Terminating Agreement of the Commonwealth Telecommunications Organization Financial Agreement 1973, the proposed Headquarters Agreement between the Government of the United Kingdom and the Commonwealth Telecommunications Organization and made appropriate recommendations to the Commonwealth Governments.

9. FINANCE

9.1. **The operating revenue of the Authority was £21,310,205.-** against £17,328,662 of the previous year, which analytically comes from the following sources:-

a. Telephone Service	£18,155,031
b. Telex	£ 2,291,184
c. Telegraph	£ 425,634
d. Other	£ 438,356
	<u>£21,310,205</u>

As shown above, the main contributor to the revenue was the Telephone Service and to a lower degree the Telex Service.

9.2. **The operating expenses were £17,121,254** i.e. by 23.7% higher than those of 1981 (£13,837,393). The items contributed to the increase are the staff costs, the network excavations and the depreciation due to extensive development.

9.3. **The net surplus for the year was £288,210** compared to £1,652,316 of 1981. The decrease resulted mainly from the conversion of the foreign currency balance in the books at 31st December, 1982 at the rates ruling on that date.

9.4. **The additions to the fixed assets during the year amounted to £11,876,627** (1981 £15,232,961) after deducting £374,905 (1981 £310,222), contribution from subscribers by way of installation fees.

The year's development was financed from internal sources by 50% and from external (suppliers' credit and loans from foreign financial institutions) by 50%.

- 9.5. The Authority has long-term liabilities amounting to **£2,702,342** to overseas suppliers and foreign financial institutions for loans obtained for the financing of its development.

These liabilities are repayable over a period between 2 and 17 years at rates of interest ranging between 3.5% and 9% per annum.

- 9.6. The contractual commitments as at 31st December, 1982, amounted to **£12,000,000** (1981 £10,000,000). They include £1,000,000 for the New Administration Building and the balance represents outstanding orders of Exchanges and other plant and equipment for development.

The Authority, as a non profit making body, invests any surplus for development purposes.

10. GENERAL

- 10.1. The development of the national network is receiving special attention, with particular emphasis on the rural areas and it is expected that by the end of the 80's prompt service will be provided to all applicants all over the island.

With the operation of a second submarine cable of 1380 channels with Greece and the existing ones of 480 channels each, with Greece and Lebanon - coupled with the Makarios Satellite Earth Station with Antennas towards the Atlantic and Indian Oceans and the UHF Radio System - sufficient number of channels are available for the provision of prompt and high quality service to the public in general.

- 10.2. The Authority maintains excellent relations with its own staff, with all foreign Telecommunications Administrations, takes an active and leading part in regional and international meetings and conferences dealing with telecommunications and keeps abreast of technical knowledge and progress. In doing so, the Authority jealously guards its enviable position amongst the Telecommunicationwise developed countries in the world.