



UNITED NATIONS
ECONOMIC AND SOCIAL COUNCIL

64824



Distr.
LIMITED

E/ECA/TCD/34
25 February 1986

ENGLISH
~~Original: ENGLISH~~

ECONOMIC COMMISSION FOR AFRICA

UNITED NATIONS TRANSPORT AND COMMUNICATIONS
DECADE IN AFRICA
(1978-1988)

UPDATING OF THE PROGRAMME OF THE SECOND PHASE
(1984-1988) OF THE DECADE

INTRODUCTION

During the first phase of the Decade, member States often submitted new projects to the Decade secretariat (ECA) at random throughout the period of the phase. This necessitated the continual changing of the programme content and cost. To facilitate the management of the Decade programme by the Decade secretariat, it was decided that in phase two, modifications to the programme would be admissible only at the biennial Conference of Ministers and that, in order to be accepted, a new project would have to conform to the guidelines for the admission of projects adopted by the third Conference of Ministers in Cairo in 1983.

In Resolution ECA/UNTACDA/Res.83/32 the meeting, in addition to confirming the Global Strategy and the objectives and priorities adopted in 1979, specifically enumerates the following criteria in operative paragraph 6:

6. Requests each member State to revise its own package of projects for the second phase according to the following guidelines:

(a) On-going projects should be continued and included in the second phase;

(b) Projects with feasibility studies, and included in the national plan as well as of relevance to the global objectives should be included in the programme;

(c) Projects without feasibility studies and those which are still at the conception stage should generally be excluded. Care however should be exercised that those related to the global objectives of the Decade are not excluded out of hand;

(d) A project not included in the national plan of the country submitting it shall not be included in the programme;

(e) There must be an effective co-ordination and integration of the various modes of transport and communication;

(f) Strong emphasis should be placed on maintenance and the preservation of existing assets;

(g) There should be a clear indication of the extent of local and foreign financing;

Experts will therefore be expected to recommend new projects to be accepted to the Ministers. In addition, they will be expected to provide any modifications to their current second phase national or subregional projects e.g. changes in cost or scope of the projects.

Proposed changes

This document is a compilation of proposed changes to the programme of the second phase that was approved by the fourth Conference of Ministers of Transport Communications and Planning in 1984. The proposed updates are grouped in four categories as follows:

- Projects with cost changes in 1985;
- Projects which for one reason or another have been deleted at the request of African Governments;
- Projects modified in scope;
- New projects proposed by member States for inclusion in the programme.

The total number of projects and the associated cost impacts are shown in tables 1 and 2, respectively.

Out of 1,053 projects in the programme costing an estimated \$18 billion, the submitted changes increase the estimated costs to \$20 billion, approximately a 10 percent increase. Each type of change is summarized below.

(a) Projects with cost changes. There are 185 projects submitted with costs changes from the approved programme, amounting to \$1.7 billion, or 10 per cent of the original cost. These are listed in Annex I.

(b) Projects deleted from the programme. There are a total of 17 projects deleted from the programme at the request of the concerned member States, costing \$138 million. In terms of cost, the three railways projects were worth \$60 m, while the six projects deleted from the postal services sector cost \$21 m. The full list of projects deleted is contained in Annex II.

(c) Projects with modifications. A total of only 10 projects fall in this category, with eight of them from the postal services sector. The net impact of these modifications is a reduction of cost by \$9m. Annex III lists these projects.

(d) New projects. Annex IV shows the titles and costs of new projects submitted to ECA. There are 42 projects, costing an estimated \$218m. All these were submitted in only three sectors, namely, railways, air transport and postal services, following the technical consultative meetings for these sectors which were organized in Brazzaville, Congo in November 1985.

Table 1 : UPDATING OF THE PROGRAMME OF THE SECOND PHASE (1984-1988) OF THE
DECADE
NUMBER OF PROJECTS BY SECTOR

Sector	Total Projects	Projects With cost Changes	Projects Deleted	Projects with Modifications	New Projects
Roads and road transport	239	81	1	0	0
Railways	84	29	3	1	21
Maritime transport	38	2	2	0	0
Ports	70	8	1	0	0
Air transport	94	4	0	0	10
Inland water transport	45	3	2	0	0
Multimodal transport	11	3	0	1	0
Total transport	531	130	9	2	31
Telecommunications	216	10	0	0	0
Broadcasting	121	6	2	0	0
Postal services	135	39	6	3	11
Total communications	472	55	8	8	11
Grand Total	1,053	185	17	10	42

Table 2: UPDATING OF THE PROGRAMME OF THE SECOND PHASE (1984-1988) OF THE DECADE
(ESTIMATED COST IN MILLION OF \$US)

Sector	1 UNTACDA Second Phase Projects	2 New Projects	3 Revised Projects	4 Combined Projects	5 Cancelled Projects	6 Total Projects	7 Total up dated Second Phase Programme 1 + 6
Roads and road transport	5,204.4		581.3	-	2.5		
Railways	5,616.4	143.2	1,294.9	-	60.8		
Maritime transport	482.9		(85.0)	-	8.2		
Ports	1,849.9		(67.5)	-	40.0		
Air transport	923.0	48.6	7.4	-	-		
Inland water transport	325.7		2.8	-	1.4		
Multimodal transport	26.5		10.6	-	-		
Telecommunications	2,692.2		(9.2)	-	-		
Broadcasting	715.6		(0.3)	-	43		
Postal services	522.9	26.4	(33.3)	(9.2)	21.0		
Total	18,359.8	218.2	1,701.7	(9.2)	138.2)	1772.5	20,132.3

2+3+4-5

20,132.3

Recommendations

The proposed changes should be considered according to the type of change.

(a) Cost changes - since the cost changes were not submitted with any supporting documentation, ECA is not able to categorically recommend the acceptance of individual project changes. In general however, the cost changes do look reasonable.

(b) Deletions - projects deleted at the request of the member States must be deleted from the programme.

(c) Modifications - there are only a few of these and the modifications do appear reasonable. ECA recommends their acceptance.

(d) New Projects - new projects will be included only if they conform to the Cairo guidelines. In this regard, ECA was not able to analyse the submitted project proposals because most of these submissions did not include sufficient information on the projects. In many cases, only the project titles and cost estimates are given. In a few cases even the costs are not given.

Taking into account the time available before the end of the Decade and considering the low implementation rates so far attained, ECA believes that effort should be concentrated on the implementation of the projects already contained in the programme. The introduction of new projects would only act to divert attention from the programme. Moreover, the existence of the Decade programme did not preclude other planned developments in the transport and communications sectors. Thus new projects could be implemented outside the Decade framework.

However, if the member States feel that certain new projects must be included in the programme, then ECA requests that these members submit the full documentation with each project so that a detailed analysis can be carried out to determine if the proposal meets the Cairo guidelines. In addition a cut-off date, preferably June 1986, should be established for the submission of these proposals and documents. In any case, a final update of the second phase programme should be done not later than 31 December 1986.

Table 1. Road transport projects in 1985

Roads and road transport 1. TRANSPORT

Project Number	Project title	Estimated total cost (\$m)	
		Previous	Revised
ROP-03-003	BENIN: Study on the Seme-Cotonou-Badagry road (30 km)	0.60	0.50
ROP-04-001	CHAD: Construction of the Dassa-Zarma-Parakou road (230 Km)	40.00	50.00
ROP-05-002	GHANA: Study on the Kribi-Yakouba road (700 km)	8.00	8.00
ROP-06-007	GHANA: Study and start of construction of the Yaounde-Bertoua-Garoua-Boulai road (600 km)	26.30	6.3
ROP-15-001	ETHIOPIA: Construction of the Azezo-Matema road (217 km)	42.00	110.00
ROP-15-002	ETHIOPIA: Training of Ethiopian transport officers	4.20	1.00
ROP-15-003	ETHIOPIA: Study of a vocational training centre	0.26	1.50
ROP-15-004	ETHIOPIA: Strengthening the maintenance of main and rural roads (first phase)	125.00	283.00
ROP-15-005	ETHIOPIA: Strengthening of the Mojo-Awasa road (200 km)	25.00	20.00
ROP-15-006	ETHIOPIA: Strengthening of the Nekemte-Ghimbi road (160 km)	11.80	20.00
ROP-15-007	ETHIOPIA: Construction of the Arba Minch-Yabelo road (215 km)	26.00	30.00
ROP-15-008	ETHIOPIA: Construction of the Ghimbi-Kurmuk road (330 km)	8.80	19.00
ROP-15-009	ETHIOPIA: Technical assistance, studies and training for NATRAC	4.80	8.80
ROP-15-010	ETHIOPIA: Rehabilitation and strengthening of the Awash-Mieso-Kulubi road	10.00	2.50

Annex I

Page 2

Road and road transport (cont'd)

Project Number	Project title	Estimated total cost (\$m)	
		Previous	Revised
ROP-16-001	GABON: Study on the Lalara-Ebero Section of the Libreville-Ebero road (375 km)	3.45	2.60
ROP-16-002	GABON: Study on the Bifoun-Doussala road	4.00	3.20
ROP-17-001	GAMBIA: Maintenance of roads in the Gambia	12.30	24.40
ROP-18-003	GHANA: Study on the Accra-Kumasi-Techiman-Tamale-Paga road (636 km)	2.00	87.60
ROP-18-004	GHANA: Rehabilitation of the Accra-Yamoransa road (113 km)	58.00	107.70
ROP-18-005	GHANA: Repair of the Takoradi-Axim road (60 km)	65.45	45.10
ROP-18-010	GHANA: Rehabilitation and up-grading of the Aguna-Tarkina-Bogoso road (100 km)	34.88	33.00
ROP-19-003	GUINEA: Reconstruction of the Conakry-Mamou road (255 km)	24.00	25.00
ROP-21-001	IVORY COAST: Study on the Ferkessedougou-Ouangoledougou-Mali border and the Ouangoledougou-Upper Volta border roads	1.00	2.50
ROP-22-001	KENYA: Construction of the Lodwar-Sudan border road (244 km)	28.00	44.16
ROP-22-002	KENYA: Study on the Isiolo-Moyale road (517 km)	2.00	131.00
ROP-22-005	KENYA: Bitumen surfacing of the Garissa-Garsen-Malindi road (451 km)	20.00	38.95
ROP-22-006	KENYA: Bitumen surfacing of the Kisumu-Yala road (81 km)	11.86	7.90

Road and Road transport (cont'd)

Project Number	Project title	Estimated total cost (\$km)	
		Previous	Revised
ROP-22-007	KENYA: Study on a section of the Ahero-Kisli road (81 km)	1.50	5.33
ROP-22-008	KENYA: Bitumen surfacing of the Narok-Sotik road (112 km)	40.00	35.67
ROP-22-009	KENYA: Study on the Embu-Kangondi road (86 km)	0.50	40.00
ROP-23-001	LESOTHO: Reconstruction and strengthening of the Taung-Makhotlong-Sani Top road	40.00	61.00
ROP-23-002	LESOTHO: Strengthening of the Thaba Tseka-Taung-Mpiti road (154 km)	53.00	1.00
ROP-26-001	MADAGASCAR: Training of transport management personnel	1.00	0.30
ROP-28-001	MALI: Reconstruction of the Kolokani-Bamako road (124 km)	17.00	6.00
ROP-28-004	MALI: Reconstruction of the Bamako-Bougouni road (156 km)	30.00	20.00
ROP-28-007	MALI: Study on the Kayes-Senegal border road (105 km)	0.50	0.90
ROP-28-009	MALI: Study on the Kayes-Niara road (250 km)	1.00	0.90
ROP-33-005	NIGER: Construction of the Agadez-Tanout-Zinder road (430 km)	80.00	55.25
ROP-37-001	SENEGAL: Study on the Tambacounda-Guinea border road (100 km)	1.00	17.00
ROP-37-003	SENEGAL: Construction of the Ziguinchor-N'Pak-Guinea-Bissau border road (14 km)	2.70	3.00
ROP-39-002	SIERRA LEONE: Feasibility study on the Rogebre-Fort Loko-Pamelap road (74 km)	0.35	24.50
ROP-40-001	SOMALIA: Study on the Berbera-Djibouti road (220 km)	2.00	0.50
ROP-40-002	SOMALIA: Study on the Somalia-Kenya border road (260 km)	2.00	0.20

Road and Road transport (cont'd)

Project Number	Project title	Estimated total cost (\$m)	
		Previous	Revised
ROP-43-001	UNITED REPUBLIC OF TANZANIA: Study on the Mutukula-Bukoba road (232 km)	2.00	13.00
ROP-44-002	TOGO: Construction of the Ghana-Lome Benin coastal road (first phase)	20.00	14.09
ROP-46-002	UGANDA: Rehabilitation and construction of the Masaka-Lyantonde-Mbarara-Ntungamo-Rubale and the Mbarara-Ishake-Katunguru roads	111.76	42.45
ROP-47-002	BURKINA FASO: Construction of the Ouagadougou-Kaya-Dori road (310 km)	36.00	59.50
ROP-47-003	Burkina Faso: Construction of the Fada N'Gourma-Pama road (140 km)	27.00	28.30
ROP-47-005	Burkina Faso: Maintenance and rehabilitation of the national network (1050 km)	42.00	48.25
ROP-49-00a	ZAMBIA: Study on the Mansa-Luwingu-Kasama road (340 km)	1.10	57.59
ROP-49-00b	ZAMBIA: Study on the Mansa-Mwense-Nchelenge road (255 km)	0.70	40.20
ROP-50-001	ZIMBABWE: Reconstruction of the Bulawayo-Beit Bridge road (177 km)	21.10	26.40
ROP-50-003	ZIMBABWE: Study on the Harare-Chirundu road (69 km)	0.10	10.10
ROP-50-004	ZIMBABWE: Study on the Zvishavane-Chicualacuala road (314 km)	3.20	0.30

B. Railways and rail transport

Project Number	Project title	Estimated total cost (\$m)	
		Previous	Revised
RAP-01-001	ALGERIA: Engineering studies for the construction of a railway line in the Highland Plateau region and implementation of the first phase	600	425
RAP-02-001	ANGOLA: Mocamedes Railway: Renewal of the track and sleepers between Entroncamento and Menongue(321 km)	6.00	19
RAP-02-002	ANGOLA: Luanda Railway: renovation, ballasting and realignment (385 km)	36	58
RAP-06-001	CAMEROON: Realignment of the track between Douala and Yaounde: Esaka-Maloume section	80	300.3
RAP-11-001	CONGO: Rehabilitation and modernization of 342 km of the Congo-Ocean Railway	120.60	200.7
RAP-16-001	GABON: Trans-Gabon Railway: Construction of the Booue-Franceville section(331km)	853.00	1,070.
RAP-18-001	GHANA: Establishment of a railways training school under implementation	23.00	22.3
RAP-18-002	GHANA: Mechanization of railway track maintenance	10.61	11.3
RAP-18-003	GHANA: Modernization of breakdown trains	1.73	8.0
RAP-19-001	GUINEA: Renewal of ballast and rails, miscellaneous equipment;training; modernization (stations, telecommunications) for the entire railway (662km) (second phase) under implementation	105.00	6.40

Railways (cont'd)

Project Number	Project title	Estimated total cost (\$m)	
		Previous	Revised
RAP-27-001	MALAWI: Rehabilitation and improvement of the track and structures between Balaka and Salima	8.40	20
RAP-28-001	MALI: Purchase of transport facilities for permanent way staff	0.63	0.60
RAP-28-002	MALI: Transfer of the Bamako goods station to Korofina	5.00	10.00
RAP-28-003	MALI: Rehabilitation of the track between Bamako and Koulikoro (59km)	3.33	13.60
RAP-28-004	MALI: Replacement of 58 turnouts (second phase)	1.17	2.90
RAP-28-005	MALI: Renewal and strengthening of transport stock	20.00	54.00
RAP-37-001	SENEGAL: Renewal and modernization of the track between Malene Hondar and Kidira (374 km)	25.00	61.70
RAP-41-001	SUDAN: Renewal and modernization of the Khartoum-Sennar line (150 km)	35.00	72.00
RAP-41-002	SUDAN: Rehabilitation of the track on the El Ubeid-Sennar-Kasalla-Baiya line (700 km)	63.00	162.00

Railways (cont'd)

Project Number	Project title	Estimated total cost (\$m)	
		Previous	Revised
RAP-41-003	SUDAN: Renewal of track on the Sennar-Ed Damazin Section	42.00	95.00
RAP-41-004	SUDAN: Rehabilitation and modernization of the Babanusa-Nyala section: Phase II (700 km)	60.00	130.00
RAP-41-005	SUDAN: Improvement of signalling and telecommunications facilities	45.00	60.00
RAP-41-006	SUDAN: Mechanization of track maintenance and repairs on the Khartoum-Atbara-Haiya line	70.00	175.00
RAP-41-007	SUDAN: Purchase of rolling stock for renewal and modernization (first phase)	100.00	290.00
RAP-41-008	SUDAN: Renewal of track, rail welding, purchase of miscellaneous equipment for Port Sudan-Haiya line (203 km)	60.00	145.00
RAP-42-002	SWAZILAND: Dieselization of Swaziland Railway	11.40	20.00
RAP-42-003	SWAZILAND: Purchase of road and rail breakdown equipment	2.00	1.10
RAP-46-001	UGANDA: Modernization of the signalling to Kasese and from Tororo to Pakwach	6.10	9.10
RAP-46-003	UGANDA: Renewal and realignment of the northern corridor network track (226 km)	40.50	39.00
RAP-46-004	UGANDA: Purchase of spare parts for rolling stock and electrical installations	3.35	10.00
RAP-46-006	UGANDA: Studies on the establishment of a permanent way depot and on the construction of a concrete sleeper factory	0.53	0.40
RAP-46-007	UGANDA: Study on the establishment of a railway training school	0.65	0.30

Railways (cont'd)

Project Number	Project title	Estimated total cost (\$m)	
		Previous	Revised
RAP-46-007	UGANDA: Study on the establishment of a railway training school	0.65	0.30
RAP-48-002	ZAIRE: Training of SNCZ staff	2.60	2.30
RAP-48-003	ZAIRE: Supply of equipment for the SNCZ (second phase)	42.00	120.80
RAP-49-003	ZAMBIA: Feasibility study on the construction of new railway lines linking Zambia with neighbouring countries (and ports)	0.50	0.80
RAP-60-005	IVORY COAST/MALI: Studies on the inter-connection of the railway networks of the two countries (650 km)	3.33	3.30
RAP-60-008	EGYPT/SUDAN: Construction of a railway link between Egypt and the Sudan	450.00	500.00
RAP-60-009	KBO: Engineering studies on a proposed railway link between Rwanda, Burundi and the United Republic of Tanzania	5.80	4.00
RAP-60-010	NIGER: Feasibility studies on providing the Niger with access to the sea: Dori-Niamey and Kano-Maradi links	0.15	102.30
RAP-60-012	CEAO: Construction of a joint wagon factory	8.00	3.10
RAP-60-013	TAZARA: Purchase of 36 diesel electric main line locomotives (first phase)	26.00	55.00
RAP-60-015	TAZARA: Purchase of 1000 wagons (first phase)	23.00	24.00
RAP-60-017	TAZARA: Various activities aimed at track rehabilitation (earthworks, rail welding, introduction of mechanized maintenance)	44.00	70.00

Railways (Cont'd)

Project number	Project title	Estimated total cost (\$M)	
		<u>Previous</u>	<u>Revised</u>
RAP-60-023	TAZARA: Construction of terminals at the new Kapiri Mposhi station for the storage and handling of goods	15.00	0.40
RAP-60-024	TAZARA: Purchase of two breakdown cranes, two wheel lathes and handling equipment	9.00	7.00
RAP-60-025	TAZARA: Provision of signalling and telecommunications equipment	36.00	11.00
RAP-60-026	TAZARA: Setting up of training facilities and financing of training abroad in new technologies and management	1.30	4.50

C. Shipping

Project Number	Project title	Estimated total cost (\$M)	
		Previous	Revised
SHP-60-001	Construction and equipment of the Academy of Marine Science and Technology for the French-speaking countries of West and Central Africa	58.00	12.50

SHP-60-002	GHANA: Financial assistance and provision of a ship simulator for the Regional Academy of Marine Science and Technology at Accra	48.00	8.50
------------	----------------------------------------------------------------------------------------------------------------------------------	-------	------

D. Ports

HAP-11-001	CONGO: Study on the expansion of the port Pointe Noire	2.00	1.73
------------	--------------------------------------------------------	------	------

HAP-16-001	GABON: Expansion of the port of Ovendo; rehabilitation of a dry dock	140.18	37.50
------------	----------------------------------------------------------------------	--------	-------

HAP-20-001	GUINEA-BISSAU: Comprehensive port development project	30.00	47.50
------------	-------------------------------------------------------	-------	-------

HAP-26-001	MADAGASCAR: Improvement of navigation conditions in ports: dredging, buoying and hydrographic studies	20.00	35.00
------------	-------------------------------------------------------------------------------------------------------	-------	-------

HAP-28-001	MALI: Construction of warehouses for Mali at the ports of Dakar, Cotonou and Abidjan	6.08	8.00
------------	--------------------------------------------------------------------------------------	------	------

HAP-37-001	SENEGAL: Construction of a container terminal at the port of Dakar (first phase)	25.00	27.6
------------	----------------------------------------------------------------------------------	-------	------

HAP-48-002	ZAIRE: Expansion of the port of Matadi	5.00	9.5
------------	----------------------------------------	------	-----

HAP-48-003	ZAIRE: Construction of a landing stage for cereals at the port of Matadi	9.60	3.5
------------	--------------------------------------------------------------------------	------	-----

E. Air transport

Project Number	Project title	Estimated total cost (\$m)	
		Previous	Revised
AIP-18-003	GHANA: Modernization and expansion of Kotoka international airport	27.50	15.00
AIP-27-002	MALAWI: Construction of a new airport at Monkey Bay	1.85	1.50
AIP-42-001	SWAZILAND: Upgrading of Matsapha airport	30.00	36.00
AIP-47-001	Burkina Faso: Development of Bobo-Dioulasso airport	8.00	20.21

F. Inland water transport

Project Number	Project title	Estimated total cost (\$m)	
		Previous	Revised
INP-11-002	CONGO: Studies on improving the navigability of the northern Congo river network	0.40	0.25
INP-16-001	GABON: Improvement of navigation on the Ogooue river and on the Fernand Vaz lagoons	12.00	14.5
INP-46-001	UGANDA: Rehabilitation and improvement of facilities at the ports of Lake Victoria (Jinja and Port Bell)	0.06	1.13

Multimodal transport

Project Number	Project title	Estimated total cost (\$m)	
		Previous	Revised
MMP-27-001	MALAWI: Study and construction of container terminals at Blantyre, Lilongwe and Balaka	1.05	3.40
MMP-46-001	UGANDA: Study on the construction of container terminals and transit sheds at Tororo, Kampala and Kasese. Combined with	0.06)	8.41
MMP-46-002	UGANDA: Feasibility study on the establishment of a terminal at Kampala	0.08)	

II. COMMUNICATIONS

A. Telecommunications

Project Number	Project title	Estimated total cost (\$M)	
		Previous	Revised
TEP-11-006	CONGO: Extension and rehabilitation of urban telephone networks and exchanges	12.10	21.00
TEP-11-007	CONGO: Realignment of the Brazzaville-Pointe Noire coaxial cable	1.74	1.00
TEP-11-009	CONGO: Installation of an international telex switching centre	3.18	1.40
TEP-17-001	THE GAMBIA: National trunk switching centre, banjul	0.78	12.00
TEP-18-001	GHANA: Rehabilitation of Takoradi and Tema coast radio stations	3.05	0.80
TEP-18-005	GHANA: Sunyani-Berekim-Dormaa Ahenkro-Sampo/Yamssikro (IVory Coast) UHF radio link	2.18	0.70
TEP-18-006	GHANA: New telecommunications engineering school at Adentan	31.34	1.78
TEP-18-007	GHANA: Accra/Bolgatanga microwave link	28.41	27.90
TEP-22-001	KENYA: Rural telecommunication project	5.90	6.90
TEP-46-002	UGANDA: Jinja-Tororo-Gulu trunk route and telephone exchanges	10.14	16.10
Total 10 projects		<u>98.82</u>	<u>89.58</u>

B. — Broadcasting

<u>Project Number</u>	<u>Project title</u>	<u>Estimated total cost (\$M)</u>	
		<u>Previous</u>	<u>Revised</u>
BRP-04-002	BOTSWANA: Improvement of the Very High Frequency broadcasting network	0.20	2.00
BRP-17-001	THE GAMBIA: Improvement of facilities of Radio Gambia	0.30	0.39
BRP-17-003	THE GAMBIA: Development of information and broadcasting sector	1.40	0.35
BRP-18-002	GHANA: Rehabilitation of Weiija monitoring station	0.68	0.90
BRP-50-002	ZIMBABWE: Assistance in broadcasting management training for Zimbabwe broadcasting staff	0.50	0.60
BRP-50-003	ZIMBABWE: Strengthening of Zimbabwe Institute of Mass Communication	2.00	0.50
Total 6 projects		<u>5.08</u>	<u>4.74</u>

C.

Postal

<u>Project Number</u>	<u>Project title</u>	<u>Estimated total cost (\$M)</u>	
		<u>Previous</u>	<u>Revised</u>
POP-04-002	BOTSWANA: Establishment of a postal bus service	0.22	0.31
POP-06-001	CAMEROON: Establishment of a regional transit centre at Douala	21.84	25.00
POP-06-002	CAMEROON: Establishment of mail sorting centre at Yaounde and Douala	8.96	6.50
POP-06-006	CAMEROON: Construction of a main post office with administrative services at Yaoundé	5.72	10.00
POP-10-001	COMOROS: Establishment of a vocational training centre	0.53	0.77
POP-10-002	COMOROS: Establishment of mobile post offices in rural areas	0.35	0.26
POP-10-003	COMOROS: Construction of 12 new post offices	1.47	5.09
POP-10-004	COMOROS: Construction of a central post office	0.30	2.29
POP-12-001	DJIBOUTI: Establishment of a post office and a postal training centre	0.37	0.71
POP-13-001	EGYPT: Expansion of the postal printing house	4.50	4.00
POP-16-001	GABON: Construction of an administrative complex at Libreville	15.00	30.00
POP-19-001	GUINEA: Improvement of relations between the post and its users	10.66	11.46
POP-19-002	GUINEA: Construction of a general post office at Conakry	20.00	9.60

Postal (cont'd)

<u>Project Number</u>	<u>Project title</u>	<u>Estimated total cost (\$M)</u>	
		<u>Previous</u>	<u>Revised</u>
POP-26-001	MADAGASCAR: Establishment of a regional transit centre at Antananarivo	21.84	1.57
POP-27-001	MALAWI: Establishment of two sorting centres/offices of exchange	1.50	1.00
POP-27-002	MALAWI: Establishment of 16 new post offices	2.00	1.50
POP-28-001	MALI: Establishment of a regional transit centre at Bamako	7.00	2.50
POP-28-002	MALI: Equipment of 15 rural mobile post offices	0.43	0.53
POP-28-004	MALI: Establishment of an airmail office of exchange at Senou	0.52	0.15
POP-30-001	MAURITIUS: Electronic equipment for the post office savings bank	0.93	0.06
POP-32-003	MOZAMBIQUE: Establishment of a multi-national postal training school at Beira	4.00	4.13
POP-33-002	NIGER: Supply of equipment for the money order control centre at Niamey	0.02	0.13
POP-33-003	NIGER: Establishment of eight post offices and a sorting centre	5.10	1.00
POP-41-001	SUDAN: Development of postal services especially in rural areas	4.00	4.60
POP-42-003	SWAZILAND: Establishment of an international airmail office of exchange	0.49	0.08
POP-42-004	SWAZILAND: Establishment of post offices in rural areas	0.48	0.40
POP-44-001	TOGO: Construction of a mail sorting centre at Lomé	6.50	4.50

Postal (cont'd)

<u>Project Number</u>	<u>Project title</u>	<u>Estimated total cost (\$M)</u>	
		<u>Previous</u>	<u>Revised</u>
POP-44-004	TOGO: Purchase of postal equipment	1.00	1.20
POP-44-005	TOGO: Construction of 15 post offices	4.40	4.50
POP-44-006	TOGO: Reorganization and development of postal services in rural areas	0.40	0.50
POP-47-001	BURKINA FASO: Construction and equipment of a sorting centre at Ouagadougou	3.40	1.40
POP-48-001	ZAIRE: Construction of a sorting centre at Goma	7.00	2.50
POP-48-006	ZAIRE: Study for the improvement of Giro services	0.35	9.00
POP-49-001	ZAMBIA: Construction of an office of exchange and a surface mail sorting centre	0.60	0.63
POP-49-002	ZAMBIA: Organization of mail transport	2.00	2.59
POP-50-002	ZIMBABWE: Establishment of a sorting centre at Harare	4.20	1.23
POP-50-003	ZIMBABWE: Establishment of a postal training centre at Harare	1.50	1.23
POP-60-002	UPU: Establishment of a multinational postal school at Brazzaville	3.00	1.58
POP-60-004	UAPT: Construction of a workshop for manufacturing postage stamps	19.00	3.70
Total 39 projects		<u>191.58</u>	<u>158.30</u>

Projects deleted from Second Phase Programme
at the request of African Governments

I. TRANSPORT

<u>Project number</u>	<u>Project title</u>	<u>Estimated total cost (\$m)</u>
<u>A. Roads and road transport:</u>		
ROP-23-003	LESOTHO: Study on two pilot road maintenance centres	2.50
<u>B. Railway and rail transport:</u>		
RAP-21-001	IVORY COAST: Regie Abidjan-Niger: Realignment of the track between Petionara and Tafire	33.00
RAP-21-002	IVORY COAST: Regie Abidjan-Niger: Coupling of the track between Anyema and Bouzake	27.00
RAP-49-004	ZAMBIA: Feasibility study on a proposed railway linking Chigola-Chililabombwe with the Angola network	0.60
<u>C. Shipping</u>		
SHP-33-001	NIGER: Purchase of a cargo ship	8.00
SHP-60-007	EAST AND SOUTHERN AFRICA: Study on the establishment of a shipping line for East and Southern Africa	0.20
<u>D. Ports:</u>		
HAP-41-001	SUDAN: Rehabilitation of the old Suakin port	40.00
<u>E. Air transport:</u>		

F. Inland water transport

Project number	Project title	Estimated total cost (\$m) Pre
INP-27-002	MALAWI: Rehabilitation and improvement of the MV "Ilala" and studies to be followed by its complete renovation	0.70
INP-27-003	MALAWI: Study on the development of Chintcheche harbour	0.70

G. Multimodal transport: none

II. COMMUNICATIONS

<u>Project title</u>	<u>Project title</u>	<u>Total estimated cost (\$M)</u>
A. <u>Telecommunications:</u>	None	
B. <u>Broadcasting</u>		
BRP-19-006	GUINEA: Construction of four television transmission centres	4.10
BRP-19-007	GUINEA: Staff training for radio and television programming and transmission centre	0.24
C. <u>Postal Services</u>		
POP-08-008	CENTRAL AFRICAN REPUBLIC: Logistical facilities common to the postal and telecommunications services	4.53
POP-09-002	CHAD: Establishment of rural mobile postal service	0.17
POP-42-005	SWAZILAND: Establishment of a surface mail office of exchange	0.51
POP-44-02	TOGO: Construction and equipment of a new main post office at Lomé	6.32
POP-44-003	TOGO: Development and reorganization of the post office savings bank in rural areas	1.50
POP-50-001	ZIMBABWE: Establishment of a postal transit centre at Harare	8.00

ANNEX III

Modified Projects of the Second Phase Programme

I. TRANSPORT

<u>Project Number</u>	<u>New title</u>	<u>Estimated cost (\$M)</u>
1. Roads and road transport:	None	
2. Railways and rail transport		
RAP-47-001	BURKINA FASO: Incorporated in RAP-60-010 NIGER: Feasibility studies on providing the Niger with access to the sea: Dori-Niamey and Kano-Maradi links	
3. Maritime transport:	None	
4. Ports:	None	
5. Air transport:	None	
6. Inland water transport:		
7. Multimodal transport:		
MMP-46-001/002	UGANDA: Combined to new title: Containerization of rail traffic	

II. COMMUNICATIONS

<u>Project title</u>	<u>New title</u>	<u>Estimated cost (\$M)</u>	
		<u>Previous</u>	<u>New</u>
<u>Telecommunications:</u>	None		
<u>Broadcasting:</u>	None		
<u>Postal Services:</u>			
POP-08-007)		0.90	
POP-08-008 } CAR - combined		4.53	1.20
POP-17-001)	The GAMBIA: Development of	1.13	
POP-17-002 (programme for postal services	0.37	1.50
POP-17-003)	in the Gambia	0.05	
POP-47-002)	BURKINA FASO: Construction of	2.30	
POP-47-003)	17 post offices	2.64	0.85
POP-09-003	CHAD: Restoration and re-equipment of the posts and telecommunications office	1.06	0.20

Proposed New Projects for the Second Phase Programme

I. TRANSPORT

<u>Country</u>	<u>Description</u>	<u>Estimated Cost (\$m)</u>
1. Burkina Faso	Construction and equipment of container terminals at Ouagadougou and Bobo Dioulasso	2.50
2. Burkina Faso	Study for the establishment of handling units at Ouagadougou and Bobo Dioulasso	1.25
3. Burkina Faso	Construction of a marshalling yard at Ouagadougou	4.10
4. Burkina Faso	Construction of warehouses in Burkina Faso	N/D
5. Burkina Faso	Improvement of the track and fixed installations in Burkina Faso	13.52
6. Congo	Doubling of the section of the CFCO between Nfilou and Talangai (16 km)	43
7. Congo	Conversion of the brake system	0
8. Ivory Coast	Extension of the tracks at railway stations	25
9. Ivory Coast	Remodelling of the sidings at stations	10
10. Ivory Coast	Construction of two warehouses at Abidjan and Ouagadougou and one diesel block at Ouagadougou	N/D
11. Ivory Coast	Renovation and purchase of track maintenance equipment	0.44
12. Ivory Coast	Purchase of seven locomotives	8.50
13. Ivory Coast	Renovation of rolling stock	10
14. Ivory Coast	Conversion of the brake system	1.50

<u>Country</u>	<u>Description</u>	<u>Estimated Cost (\$m)</u>
15. Gabon	Libreville railway station	
16. Gabon	Warehouse at Moamba	
17. Ghana	Feasibility study for the construction of a rial link between Awaso and Sunyani	N/D
18. Senegal	Re-equipment of the Kidira railway station	2.60
19. Senegal	Replacement and increase in tractive stock	4.70
20. Senegal	Replacement and increase in hauled stock	3.10
21. Senegal	Repair and strengthening of the track between Bargny and Malame-Hodar	7
22. Burkina Faso	Improvement of the Ouagadougou airport	10.6
23. Burkina Faso	Construction and equipment of 14 provincial airports	2.2
24. Zaire	Strengthening of the runway at Kinshasa/N'Djili airport and renovation of radio aids and lighting systems	12.0
25. Zaire	Solarization of radio navigation equipment	6.9
26. Zaire	Extension and strengthening of the runway at Burmia airport	5.7
27. Regional	African Civil Aviation Information System (AFCAIS)	0.55
28. Regional (Cameroon)	Construction and equipment of a regional fire safety school	0.3
29. Kenya	VHF Communications equipment for integrated radar system	8.0
30. Kenya	Expansion of flight inspection unit	1.4
31. Kenya	Calibration centre for test and inspection of test equipment	0.9

II. COMMUNICATIONS

<u>Country</u>	<u>Description</u>	<u>Estimated cost (\$M)</u>
1. ANGOLA	Establishment of a national training school	2.50
2. ANGOLA	Establishment of a regional transit centre	12.56
3. CHAD	Construction of national mail sorting centre at N'Djamena	3.00
4. CHAD	Reorganization and re-equipment of Giro-centres and of the CNE	2.00
5. CHAD	Reconstruction of a national training school for posts and telecommunications at N'Djamena	0.18
6. CHAD	Establishment of a long-term master plan for rehabilitating and developing postal and financial services	0.10
7. COMOROS	Creation of a Giro centre and a national savings bank	0.86
8. KENYA	Establishment of a regional transit centre at Mombasa	0.78
9. KENYA	Establishment of a regional transit centre at Nairobi	0.50
10. SUDAN	Construction of a transit centre and a surface mail sorting centre at Port Sudan and Wadi Halfa	3.90
11. FAPU	Establishment of a Postal Legislation and Regulations Committee to harmonize the African postal services	0.50
Total		<u><u>26.88</u></u>