

# EAST AFRICA AND RHODESIA

Thursday, August 11, 1949

Published weekly, 30s. yearly, post free

Price 6d. per copy, No. 1297

Registered at the G.P.O. as a Newspaper

ESTABLISHED



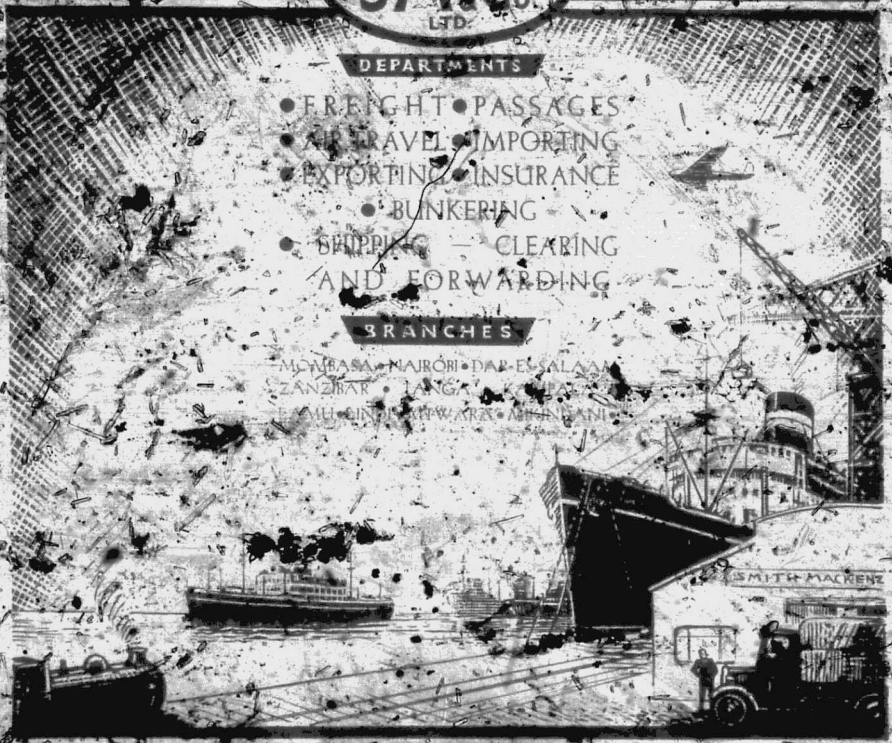
— 1877 —

DEPARTMENTS

- FREIGHT • PASSAGES
- AIR TRAVEL • IMPORTING
- EXPORTING • INSURANCE
- BUNKERING
- SHIPPING — CLEARING  
AND FORWARDING

BRANCHES

MOYBASA • MAURORI • DAR-ES-SALAAM  
ZANZIBAR • LANGATA • NAIROBI  
MOMBASA • KAMPALA • DAR-ES-SALAAM



## SMITH, MACKENZIE & CO. LTD

General Managers of Marine Insurance, and African Marine & General Underwriting Co., Ltd. (Incorporated in the Straits Settlements). Agents for British India Steam Navigation Co., Ltd.

Continuism and the Colonies

# ROBIN LINE

Fast  
Regular  
Service

Cargo  
and  
Passenger

NEW YORK, Baltimore & Philadelphia  
to and from SOUTH & EAST AFRICA

also MADAGASCAR & MAURITIUS if Inducement

**OUTWARD SAILINGS**

**HOMEWARD SAILINGS**

Cargo will be accepted on 15th for Montreal (Summer Season) or St. John's N.S. (Winter Season)

**ROBIN GRAY**

Aug 9, 11, 17

Callings: VALVIS, RAY, CAPE TOWN, PORT ELIZABETH, EAST LONDON, DURBAN, LOURENÇO MARQUES, MOMBASA, TANGA, ZANZIBAR and DAR-ESS-SALAAM.

**ROBIN SHERWOOD**

Aug 19, 27, Aug 31

Callings: CAPE TOWN, PORT ELIZABETH, EAST LONDON, DURBAN, LOURENÇO MARQUES, MOMBASA, TANGA, ZANZIBAR and DAR-ESS-SALAAM.

**ROBIN HARK**

Aug 29, Aug 31, Sept 7

Callings: VALVIS, RAY, CAPE TOWN, PORT ELIZABETH, EAST LONDON, DURBAN, LOURENÇO MARQUES, MOMBASA, TANGA, ZANZIBAR and DAR-ESS-SALAAM.

**ROBIN WESTLEY**

**ROBIN HORN**

**ROBIN TUXFORD**

**ROBIN LOCKSLEY**

**ROBIN KETTRING**

Mid / Late Aug  
Late Aug  
Mid / Late Sept  
Mid / Late Sept  
Late Sept

For Particulars apply to the Managers, LONDON

**MITCHELL, COTTS & CO. LIMITED**  
Whitcomb House, Old Broad Street, London, E.C. 4

**MITCHELL, COTTS & CO. (S.A.) LIMITED**  
Cape Town & Johannesburg

**MITCHELL, COTTS & CO. (S.A.) LIMITED**  
The Strand, Durban

Wm. COTTS & COMPANY LIMITED

HEAD OFFICE: SEAS SHIPPING CO., INC.

CORTLANDT STREET  
NEW YORK, 7

## TRANS-ZAMBESIA CENTRAL AFRICA and NYASALAND RAILWAYS

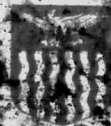
Provide the link  
Between Beira  
and Nyasaland

Passenger trains leave Beira on Mondays and Thursdays, and coast-bound trains leave Blantyre on Sundays and Wednesdays.

Return first-class tourist tickets are available for three months for the price of the single fare.

Head Office in Nyasaland: Limbica  
London Office: 3, Thames House  
Queen Street Place, E.C. 4

## NORTHERN RHODESIA



The Compassator for Northern Rhodesia

HAYMARKET  
LONDON, S.W. 1

Telephone: RHODECOM-LESONARE LONDON  
Telegrams: WHITBAG 296, Cable: RORHOCOM LONDON

## SUBSCRIPTION FORM

To: EAST AFRICA AND RHODESIA, 10, Abchurch Lane, London, E.C. 4


Please send me EAST AFRICA AND RHODESIA for free for one year (12 issues), beginning with issue dated \_\_\_\_\_, and enclosing a postal certificate/telegram order for my subscription.

Name and Address \_\_\_\_\_

SEND BLOCK CAPITALS Full Name and Address PLEASE

Signature \_\_\_\_\_





**SAREX**  
**DIESEL LOCOMOTIVES**

Represented in  
TANZANIA KENYA UGANDA PORTUGUESE EAST AFRICA

By  
**WIGGLESWORTH & CO. (Africa) Limited**  
DAR ES SALAAM NAIROBI MOMBASA

London Association  
**WIGGLESWORTH & CO., Limited**  
Port of London, Ltd., London, E.C.3

**A. BAUMANN & CO.**

NAIROBI MOMBASA  
DAR ES SALAAM KAMPALA  
MIKINDANI MASAKI

**General Merchants & Shippers**

SHIPPERS of all African Produce

**Coffee Specialists**

IMPORTERS and stockists of General Merchandise, including Building Materials, Textiles and Food Products

Associated Company:  
**A. BAUMANN & CO. UGANDA COFFEE MILLS LTD.**

**J. G. ARONSON**

INCORPORATED

EST. 1904

**IMPORTERS & EXPORTERS  
GENERAL MERCHANTS  
MANUFACTURERS  
REPRESENTATIVES**

We invite your offers  
and enquiries to

P.O. Box 681, Nairobi  
KENYA COLONY

SUB-AGENTS THROUGHOUT EAST AFRICA

**BOVILL, MATHESON  
& CO., LIMITED**

Head Office  
ALLIANCE BUILDING, HARDINGE STREET  
(1851), NAIROBI, KENYA

Branches:  
DAR ES SALAAM  
DODOMA  
KAMPALA  
KINSHASA  
LILONGWE  
MADAGASCAR  
MILWAUKEE  
MOMBASA  
NAIROBI  
TANGANYIKA  
TANZANIA

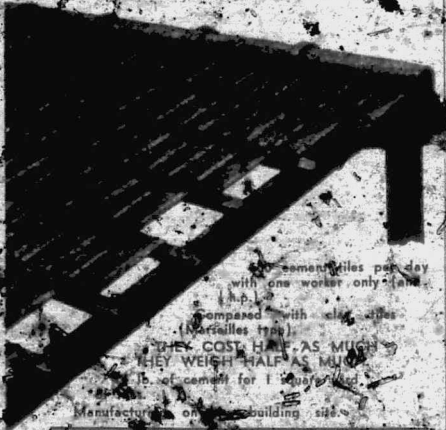
**MANAGING AGENTS**

The Company offers Marketing and Veterinary Agency, Accountancy, Secretarial and Marketing Services to the Proprietors of Agricultural, Industrial and Mining Undertakings.

Associated Company:  
**J. W. MILLETT & CO., LIMITED**  
Marketing and Estate Agents  
NAIROBI ARUSHEA ELDORET KAMPALA

London Correspondents:  
**R. C. TREATY & CO., LIMITED**  
15, Abchurch Lane, Threadneedle Street, London, E.C.4  
(Old Mansion House 747)

**Rosacometta Vibrofile-Making Machine**



1500 vibrofiles per day with one worker only (and 1 h.p.)

Compared with cast rollers (Vibrilles type)

THEY COST HALF AS MUCH & THEY WEIGH HALF AS MUCH

1 lb. of cement for 1 square yard

Manufactured on the building site

**SEALCO MAKING MACHINES** for Water Proof Hand-poured mastic 100 blisters per day. Motor-driven (1 h.p.) 200 blisters per day.

**MOULDING MACHINES** for Prefabricated Slabs and Ground Floorings, Wall Roofings.

**WELDING MACHINES** for Roadways, Boundaries, Road gutters, and Drains up to 2 feet. Wire-guided and Drainage units up to 1,000 feet per day.

**ROSACOMETTA**, Milan (Italy) S.p.A. Big Cable Address: Rosacometta, Milan

**FILM PRODUCTION**  
35 & 16mm  
AND  
**SOUND RECORDING**

New fully equipped  
**CINEMA FILM STUDIOS**

Including sound stage, studio lighting, in-f recording, processing and editing facilities.

Also  
**GRAMOPHONE RECORDING STUDIO**

with latest type Micro-gramma and Portable 'dual turntable' Recording equipment.



Enquiries to

**EAST AFRICAN SOUND STUDIOS LTD.**  
YORK STREET, N.A. ROBEI, PHONE 3643, B.O.X. 5.

**GREENHAM EQUIPMENTS LTD.**

GLAYTON ROAD, HULLFIELD ROAD

**GREENFORD, MIDDX. ENG.**

Cables: Plandivis, Greenford

**FOR SALE**  
**MOBILE DIESEL**  
**CRANES**

on Solid or Pneumatic Wheels,  
Crawler Track Chassis or Rail  
Wheels

Wide range of lifting capacities from 12 1/2 tons. Portable  
Pneum. Cranes, 10ft. 6in. Lattice Jib, 12' ext. & 5ft. 6in.  
reach, by 5.6 ton Sliding Crane, Diesel driven, 10ft. Jib,  
10' 6" reach of 4ft. 6in. crane.

Write for monthly plan list



**W. H. JONES & CO. (LONDON) LTD.**  
BUYERS, COMMISSIONERS AND SHIPPERS  
BARNEY, WERTS, ENGLAND

Offer from Manufacturers welcomed.

See us for many Overseas  
Orders and ready cash on  
Credit settlement.

The Company's Utmost Endeavour  
for the convertibility of Exchange  
Rates and Sound Money.

**SCANDINAVIAN**  
**EAST AFRICA LINE**

General Agents

**KELLEN BRYANT**  
and CO.  
92/3, Southchurch Road,  
London, E.C.3.

**EAST AFRICAN PORT**  
**TANZANIA**  
**REUNION and**  
**MAURITIUS**

Telephone: Royal 8835  
Telegrams: SCANEASTAF

Agents in East Africa  
The African Mercantile Co. Ltd.

# The foundation of efficient electric traction

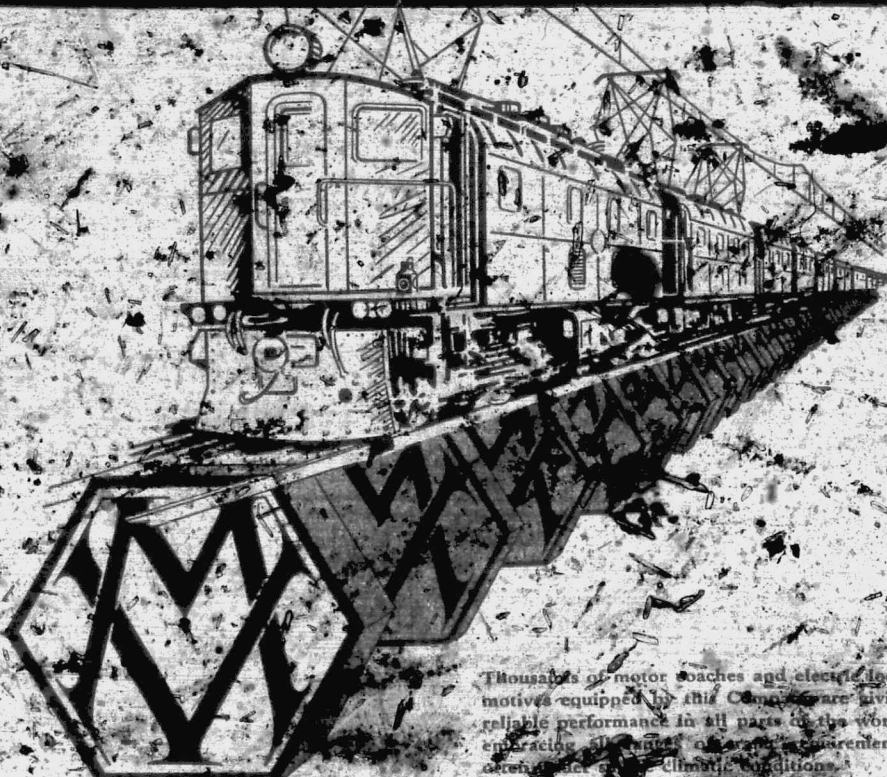


Illustration shows an example of 200 Loco-motives for the South African Railways.

Thousands of motor coaches and electric loco-motives equipped by this Company are giving reliable performance in all parts of the world, embracing all kinds of weather conditions, crests and descents, climatic conditions.

Our long association with all classes of electric traction and the world-wide Metropolitan service ensures the high degree of reliability essential to efficient transport.

## METROPOLITAN

## Vickers

ELECTRICAL ENGINEERS LTD. CO. LTD.

TRAFFORD PARK, MANCHESTER 17

Kindly send your enquiries to:

**KENYA:** Mitchell, Cotts & Co., East Africa (Kenya) Ltd., P.O. Box 364, Nairobi.  
**P.O. Box 146, Kisumu.**  
**P.O. Box 141, Mombasa.**  
**P.O. P.O. Box 150, Nairobi.**

**RHODESIA:** J. C. Clark & Co., P.O. Box 675, N. Rhodesia.

**S. RHODESIA:** Mr. C. R. Dingle, J. C. Clark & Co., P.O. Box 209, Salisbury.  
**636, Beaufort Road, Salisbury.**  
**636, Beaufort Road, Salisbury.**

**BANGANYIKA:** Mitchell, Cotts & Co. (East Africa) Ltd., P.O. Box No. 504, Dar-es-Salaam.  
**P.O. Box No. 12, Kampala.**

**UGANDA:** Mitchell, Cotts & Co. (East Africa) Ltd., P.O. Box No. 12, Kampala.

KX/T 701



# INDIAN AFRICAN LINE

## Regular Service by Twin Screw Luxurious Motor Liners

*Between*

★ *Excellent Passenger Accommodation*

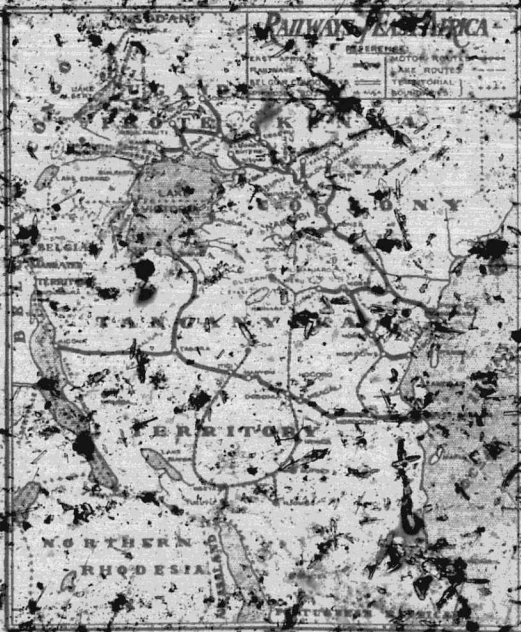
★ *Backer & Stewardess Crew*

RANGOON  
CHITTAGONG  
CALCUTTA  
MADRASS  
COLOMBO  
SOUTH & EAST  
AFRICAN PORTS



Passengers Agents  
**THOS. COOK & SON, LIMITED**

For full particulars of freight, Passage, etc., apply to  
**ANDREW WEIR SHIPPING & TRADING CO., LTD.**  
21, BURY STREET LONDON, E.C. 4



On 1st May, 1948, the Kenya and Uganda Railways and Harbours were amalgamated with the Tanganyika Railways and Harbours Services to form the East African Railways and Harbours.

The East African Railways and Harbours Administration operates 2,930 miles of main passenger railway, some 100 miles of lake and river steamer services, and 170 miles of twin motor services. Within this system there are four ocean ports—Mombasa, Dar es Salaam, Tanga and Zanzibar. Another port is at present under construction at Mikindani in addition. Tanganyika for the Government Scheme to connect with which many miles of the railway are also being built.

Despite a continuous shortage of rolling stock and equipment, the East African Railways and Harbours are handling more traffic than ever. In 1948 passenger tonnage increased by 20% and freight tonnage by 76% over 1935. Planned the increase will be still greater.

The Railways are of fundamental importance to the economic progress of the East African Territories. They are fully alive to their responsibilities in this respect, and will continue to spare no effort to maintain their past record of service and to provide a capacity which will be efficiently with all demands made upon them.

# RAILWAYS OF EAST AFRICA



**MITCHELL COTTES & CO. LTD.**  
 AND SUBSIDIARIES  
 world-wide trading organisation



LONDON	KHARTOUM	NAIROBI	CAPE TOWN
Aden	Durham	Kenya	Port Elizabeth
Alexandria	Durham	Malawi	Port Elizabeth
Bombay	Durham	Malawi	Port Elizabeth
Calcutta	Durham	Malawi	Port Elizabeth
Canton	Durham	Malawi	Port Elizabeth
Cebu	Durham	Malawi	Port Elizabeth
Hankow	Durham	Malawi	Port Elizabeth
Hongkong	Durham	Malawi	Port Elizabeth
London	Durham	Malawi	Port Elizabeth
Lyons	Durham	Malawi	Port Elizabeth
Manila	Durham	Malawi	Port Elizabeth
Medan	Durham	Malawi	Port Elizabeth
Penang	Durham	Malawi	Port Elizabeth
Rangoon	Durham	Malawi	Port Elizabeth
Singapore	Durham	Malawi	Port Elizabeth
Sourabaya	Durham	Malawi	Port Elizabeth
Tientsin	Durham	Malawi	Port Elizabeth
Yokohama	Durham	Malawi	Port Elizabeth

LONDON NEW YORK SINGAPORE

WHOLESALE MERCHANTS, IMPORTERS, & EXPORTERS, SHIPPERS,  
 STEVEDORES, WAREHOUSEMEN & BUNKER CONTRACTORS,  
 MANUFACTURERS, ENGINEERS, SHIPPING FORWARDERS,  
 MANAGERS, INSURERS AND GENERAL AGENTS.

10 WINCHESTER HOUSE, 101, SOUTH ROAD, ST. LONDON, E.C.

# UNION-CASTLE

*Ltd.*

## SOUTH & EAST AFRICA

Call for details of service to  
 CAPE TOWN, PORT ELIZABETH,  
 EAST LONDON and DURBAN  
 Selling South African  
 VICTORIA CASTLE  
 WARWICK CASTLE  
 WYTHOME CASTLE  
 DURBAN CASTLE



Call for details of service to  
 PORT ELIZABETH, EAST LONDON,  
 DURBAN and CAPE TOWN  
 Call for details of service to  
 PORT ELIZABETH, EAST LONDON,  
 DURBAN and CAPE TOWN

(Also for East and West Africa)

Main Office: 101, SOUTH ROAD, ST. LONDON, E.C.

AGENTS THROUGHOUT THE WORLD



# EAST AFRICA AND RHODESIA



Thursday, August 19, 1949  
 Published weekly, 30s. yearly post free  
 Published by the C.P.O. as a Newspaper

**Founder and Editor:**  
 J. S. Japison  
 10, GERRARD STREET, LONDON, W.C.1

History of Rhodesia Communism and the Colonies N. Rhodesian Minerals Rights of Africans in Rhodesia Foundations of Debit	1569 1567 1567 1564 1564	Chasing the Trail—75 10 Years Late—1667 E. Africa High Commission Report—277 Communist Propaganda—1564 Little Britain News—1564
--	--------------------------------------	---

## ISSUES OF MOMENT

**COMMUNISM WAS TOLD** quite bluntly by the Secretary of State for the Colonies before its members dispersed for the summer holidays that the Communist Party in this country is concerned with a deliberate drive in our Colonial territories that a great deal of their propaganda is directed towards Colonial students in this country, and that Communist agents were engaged to spread their trouble in the Colonies. It is almost impossible to have a reasonable Communist imagination in the East Coast and the only course of action is to proceed to speak of "the gravity of the proposed Colonial Government," Mr. Creech Jones said that the "difficulties in the territories were a direct result of this menace." He said that it is a frank and well-founded fact that the Communist Party is engaged in a most authoritative force should be used in such situations are best regulated in the light of Communist plays and to the poor conditions in Africa their "propaganda" which should be reduced and gradually reduced to a minimum unless specifically introduced by means of an anti-Communist military

One of the danger to speakers and writers is to avoid that of overstressing the achievements of the Communist Party. To credit them with more credit than they have in fact made would be to do precisely what they wish for that would be to attract both their workers and those from whom they are working. It is to stimulate their activities which are not only unprofitable but also unproductive. The best as a rule is to let the Communist Party do its own thing and to judge its own merits. The only authority cannot be expected to provide detailed information on the services in all countries, even if they do not watch on suspicion of their methods and have no reason to assume that they are not being helped. It is dangerous to suggest that the real nature of Creech Jones' administration is an administrative system which is perhaps also from the point of view of the British Empire.

in the United Kingdom... it was... which first disclosed... activities of Communist... Africa... it is... from the Secretary of State... of those who depend... they declined to take... which bear to considerable... cover the real... mention of the... in leading articles...

It is of course true that one of the most effective answers to Communist propaganda is to raise social standards... but however remains the future... not be improved... said in the debate... it is... too high a value... national issue... The last war should have... what lesson... quickly... is evident from the... The problem of... and nurturing... confidence seems to us to be broadly divisible into two aspects... and the other... a... based... division... where... of... we should... to hear of it... Is there even... which the... has been clearly... that its first duty is to... consistent policy of... day by day... simple terms, by word... useless, and through the... and newspapers... the kind of... which... intends for the African masses? Only... persistent propaganda... adapted to local circumstances... fails... the... of... created for the solution of the difficulties at the... of the... of the present and the future.

...second... subjects... Character... competence... accept... the criteria for... Africa... 1948... that... the... British... 1948... just... should... support... Africa... as... Tropical... there... with... there... to... there... who... of... the... there is... the... social... first... the... and every other... with...

There is too much talk... war... the Communist side... already... not coldly... but fiercely... 'rogue'... with a missionary... Soul Erosion... Whether... Christian... word wishes to... battle... the aggressive... materialistic forces which take their... and orders from the Kremlin... the... Communist States to... her... the struggle... a... with the... nations of the world... and... that... are... and firm... they cannot... their... in... by... What... in Asia... which Africa... and her people would... at their... Indeed, it... high time for Africa to take... regarding... creation... in its worst... great... as we... written... far... over... part of soil... which... however... attention... Given... mental, social, and political health... the... of Africa... sold... their... The... of East... Central and South...

...South Africa... agricultural... veterinary... labour and... but they have... for... for... that... hot... for... as...

**IN RETURN FOR AN UNDERSTANDING** that there shall be no special taxes on the mineral royalties in Northern Rhodesia, and meanwhile the British Southern Africa Commission reached an agreed submission to the Board of Royalties. The Board of Royalties, under those terms, will award to the Government of the Protectorate thirty-seven per cent (and to assign to that Government) for the next month the title of "Mineral Royalties". The official agreement in law now stands, but it bears the stamp of compromise, in our view, not promise, wise or otherwise. By giving the Board an immediate share in the royalty proceeds, the company has met the point that the country requires additional revenue for development purposes. It is a *quid pro quo*; it retains its own right to a fifth of the royalties for a long period, and would, in any case have been conceded. That is very well safeguarded, substantially, at least to the company and its shareholders.

Hitherto Northern Rhodesia has received an average of 7s. 6d. on every pound of copper derived from the mineral royalties.

Now the Government will receive 4s. 6d. plus the income tax on the State Now Takes 16s. (equivalent to 10s. 4d. 6s.) or exactly 10s. in every pound. The State thus becomes in effect half owner of the royalties, which last year totalled £2,250,000. They are likely to be about the same figure this year, but to fall next year owing to the drop in copper prices. Even if the royalties fall to £1,500,000 Northern Rhodesia would still receive £750,000 or approximately £200,000 more than it could have claimed before this agreement. Northern Rhodesian satisfaction should, however, be balanced against the advantages given to the Chartered Company that its royalty rights will run until 1986, and will not be subject to discriminatory taxation. The Government of the State (which took a very active part in the negotiations) and the representatives of Northern Rhodesia (and especially Mr. Welensky) should be warmly congratulated on having jointly and so satisfactorily solved a problem which bristled with political, legal, economic, financial, and even personal difficulties.

## Communism and the British Colonies

Secretary of State's Views on "The Grave Menace"

THE COMMUNIST PARTY in this country is confident of a deliberate drive in our Colonial territories, and its propaganda is also directed towards those who are here. The House of Commons just before the summer recess by the Right Hon. Secretary of State for the Colonies, Mr. Morrison.

"I think the Government will have to take a line in regard to subversion overseas. We are much concerned about Colonial governments and movements are actively engaged in propaganda. But this menace will not be met merely by denouncing Communist doctrine. It is necessary to counter the Communist propaganda, to show that propaganda is false, and as we raise the social standard of the people, to improve the economic conditions and to encourage the positive co-operation of the people in the responsible work of government. It is that broad line of policy we are working on, as well as the direct work of eliminating wherever possible the Communist influence which the Communists are engaged in."

standards and to make the change they want. Therefore, I must be anxious that sometimes there may be contributions to the Communist movement, a great deal of trouble may be caused by the existing conditions, and the individuals themselves may not in the time be able to handle it. They will be and there must be a question of a legitimate kind if there is to be any healthy political and social life in our territories."

Now come to the question about Colonial students. We are trying to work out further the policy of training and creating in the educational world in the local world, facilities for many thousands of Colonial students who come to this country. We are anxious that they should have a good English home and that they should have a good education in special branches, but that generally that education should be brought within the constructive influence of their own country.

Colonial students in this country are true that Communist propaganda is directed against the students, but our efforts have been to give them a good education, facilities for employment, and to give them facilities for discussion, so that the influence of these men and women can be helpful as possible in understanding the British way of life and the British way of thought.

The approach of the Communist Party to the Government of the State is a matter which is being considered by the Government. It is a matter which is being considered by the Government. It is a matter which is being considered by the Government.















# azing the ... A ...

## ... of ...

... of Africa ...

... of Africa ...

... of Africa ...

### THE LINDI CONVOY

Sixty nine ...

... of Africa ...

... of Africa ...

The ...

... of Africa ...

... of Africa ...

The ...

... of Africa ...

... of Africa ...

The ...

... of Africa ...

... of Africa ...

... of Africa ...

... of Africa ...

... of Africa ...

... of Africa ...

... of Africa ...

... of Africa ...

... of Africa ...

... of Africa ...

... of Africa ...

... of Africa ...

... of Africa ...

... of Africa ...







# BACKGROUND





TO THE NEW

FOR EVERY ROAD AND EVERY LOAD

FROM 1 TON UP TO 10 TONS

**Bedford**

TRUCKS, VANS & BUSES

BRUCE LIMITED, NAIROBI

P.O. BOX 951



AVELINE AUSTIN



# 79-H MOTOR GRADER

The Aveline-Austin Motor Grader is a machine of outstanding performance, rugged construction, and efficient operation. It is designed for the most demanding conditions and offers the operator a wide range of versatility. The grader is available in a variety of models to meet the needs of different applications. It is a machine that can be used in a wide range of environments, from the construction site to the highway. The Aveline-Austin Motor Grader is a machine that is built to last and is designed to provide the operator with the most efficient and productive work environment. It is a machine that is built to meet the needs of the most demanding conditions and is designed to provide the operator with the most efficient and productive work environment.

LEVELS-BALFOUR CRANES ENGLAND

**The  
world's  
largest  
market**

London Authority with 1,500 cranes and capacity for unique facilities their goods to this great market

SERVED BY THE **Port of London**



Port of London Authority, London, England



# NEWS ITEMS IN BRIEF

The *Financial Times* reports that the first of the new 1000-ton class tankers has started.

All 1000-ton class tankers in Kenya have been built by the Kenya Shipbuilding Corporation.

The Government may be considering the sale of the Kenya Shipbuilding Corporation.

The Government has issued a new set of rules for the incorporation of the Corporation in 1964.

The new set of rules is now being considered by the Government.

The Government has issued a new set of rules for the incorporation of the Corporation in 1964.

The new set of rules is now being considered by the Government.

The Government has issued a new set of rules for the incorporation of the Corporation in 1964.

The new set of rules is now being considered by the Government.

The Government has issued a new set of rules for the incorporation of the Corporation in 1964.

The new set of rules is now being considered by the Government.

The Government has issued a new set of rules for the incorporation of the Corporation in 1964.

The new set of rules is now being considered by the Government.

The Government has issued a new set of rules for the incorporation of the Corporation in 1964.

The new set of rules is now being considered by the Government.

The Government has issued a new set of rules for the incorporation of the Corporation in 1964.

The new set of rules is now being considered by the Government.

The Government has issued a new set of rules for the incorporation of the Corporation in 1964.

The new set of rules is now being considered by the Government.

The Government has issued a new set of rules for the incorporation of the Corporation in 1964.

The new set of rules is now being considered by the Government.

The Government has issued a new set of rules for the incorporation of the Corporation in 1964.

The new set of rules is now being considered by the Government.

The Government has issued a new set of rules for the incorporation of the Corporation in 1964.

The new set of rules is now being considered by the Government.

The Government has issued a new set of rules for the incorporation of the Corporation in 1964.

The new set of rules is now being considered by the Government.

The Government has issued a new set of rules for the incorporation of the Corporation in 1964.

The new set of rules is now being considered by the Government.

than 4000 members were present at the convention in Nairobi.

The convention was held in Nairobi from August 15 to 19.

The convention was held in Nairobi from August 15 to 19.

The convention was held in Nairobi from August 15 to 19.

The convention was held in Nairobi from August 15 to 19.

The convention was held in Nairobi from August 15 to 19.

The convention was held in Nairobi from August 15 to 19.

The convention was held in Nairobi from August 15 to 19.

The convention was held in Nairobi from August 15 to 19.

The convention was held in Nairobi from August 15 to 19.

The convention was held in Nairobi from August 15 to 19.

The convention was held in Nairobi from August 15 to 19.

The convention was held in Nairobi from August 15 to 19.

The convention was held in Nairobi from August 15 to 19.

The convention was held in Nairobi from August 15 to 19.

The convention was held in Nairobi from August 15 to 19.

The convention was held in Nairobi from August 15 to 19.

The convention was held in Nairobi from August 15 to 19.

The convention was held in Nairobi from August 15 to 19.

The convention was held in Nairobi from August 15 to 19.

The convention was held in Nairobi from August 15 to 19.

The convention was held in Nairobi from August 15 to 19.

The convention was held in Nairobi from August 15 to 19.

The convention was held in Nairobi from August 15 to 19.

The convention was held in Nairobi from August 15 to 19.

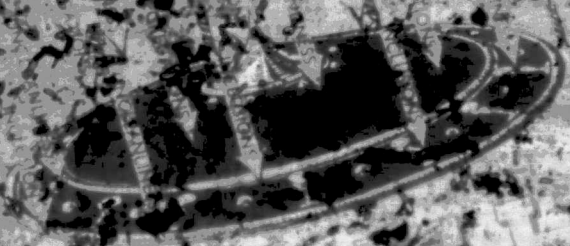
The convention was held in Nairobi from August 15 to 19.

The convention was held in Nairobi from August 15 to 19.

The convention was held in Nairobi from August 15 to 19.

The convention was held in Nairobi from August 15 to 19.

The convention was held in Nairobi from August 15 to 19.



ALUMINUM  
YOUR SHIELD FROM TROUBLE

ALLOY STEEL

ALLOY STEEL MAKERS TO ENGINEERS - SAVE ON SHIP THE WORLD OVER









ONE OF THE CENTURY'S OUTSTANDING VIOLINISTS

# DeVito



**ERNA SINGER**  
with the PHILHARMONIA ORCHESTRA  
Conductor: JOSEF KRIFES  
Hullingsdote (from "Idomeneo"  
Op. 3) — Mezzo DB 6617

**KIMURA KAGETAD**  
with the PHILHARMONIA ORCHESTRA  
Conductor: ISSAY DOBAOWEN  
Tosca (from "Tosca") — Soprano  
Op. 3 — Wagner DB 6795

**VLADIMIR ROZOVICH**  
Soprano in B Minor, Op. 3; Soprano in  
E Major, L. 430, both by S. Prokofiev  
DB 6807

**RAFAEL KUBELIK**  
Conducting the PHILHARMONIA ORCHESTRA  
Symphony No. 4 in G Major, by Dvorak  
DB 6854

**GIUSEPPE DI STAFFANO**  
with the LONDON SYMPHONY  
Conductor: ALBERTO EREMI  
Dante's Monarchs in  
"L'Alcazar" Act 2  
Vision (from "L'Alcazar")  
Mozart

**ALMON**  
La Méditerranée (Preludes)  
Op. 3 — Debussy DB 9257

with the London Chamber Orchestra  
Conducted by Anthony Bernard  
Karpuchard German Tapes  
DB 6884-6

**ANGELICA CANTON**  
with the PHILHARMONIA ORCHESTRA  
Conductor: ISSAY DOBAOWEN  
Carmen (from "Carmen") — Soprano  
Op. 3 — Bizet DB 6880

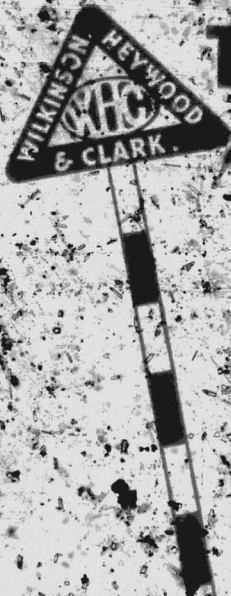
**CELESTINA**  
with the PHILHARMONIA ORCHESTRA  
Conductor: ISSAY DOBAOWEN  
Carmen (from "Carmen") — Soprano  
Op. 3 — Bizet DB 6880



*The Hallmarks of Quality*

"HIS MASTER'S VOICE"

GRAMOPHONE COMPANY LIMITED, BRISTOL, ENGLAND



# THE SAFETY MARK

which ensures complete satisfaction

W.H.C. decorative materials cover all requirements of the modern decorator. The range of materials, like the range of shades, is wide and comprehensive. Flat Wall Paints, Oil Bound Distempers, Gloss Prints, Varnishes, Oil Varnish Stains, etc. in the adjoining column are listed in the well-known list of the well-known W.H.C. decorative specialties.

## FALCON BRAND

**FLAT WALL PAINT**—The ideal flat wall finish, which is perfectly washable and will not crack, chip or peel.

## SYNOLEO

**OIL BOUND WASHABLE DISTEMPER**—Available in one of three fine pleasing colors, this oil bound distemper is sanitary, durable and washable.

## BELL BRAND

**DURABLE GLOSS PAINT**—In its class, this paint is second to none for durability, high gloss and ease of application.

## THREE LEGS BRAND

**READY MIXED OIL GLOSS PAINT**—Supplied ready to use on wood, metal and other surfaces, this material is fully suitable for all general domestic use.

WILKINSON HEYWOOD & CLARK



## Company Meetings

## The British Central Africa Company, Limited

Statement of the Chairman, Mr. Donald C. Brook

THE ANNUAL GENERAL MEETING OF THE BRITISH CENTRAL AFRICA COMPANY, LIMITED, was held in London on August 10, 1948.

Mr. DONALD C. BROOK, chairman of the company, presided.

The following is an extract from his statement circulated to the stockholders:

The Rt. Hon. Sir Anderson Montagu-Baillie G. F.C., K.C.B., has since the close of the financial year under review relinquished at his own request the position of chairman of the company. He has occupied this position with great distinction for 29 years, and his wide-spread knowledge of affairs and his intimate day-to-day knowledge of this company's business have enabled him to render service of the highest possible value to the company.

## Profit and Dividend

Profit on estates, etc., at £69,420 compares with £7,835 last year, a reduction of £3,473, of which £3,337 is the cost of reducing produce in stock to prime cost. Dividend from the subsidiary company at £3,380 compares proportionately with £6,265 for 21 months credited in the previous account.

The trading profit for the year carried down is £61,330, to which has to be added profit on land sales of £4,169, on sundry items, making the total for the year £66,499. From this sum we have to provide £1,125 for taxation in the United Kingdom and in the Colonies. Provisions amount to £7,428, and we have considered it prudent to add £4,000 to our reserve for contingencies, and necessary in view of the highly inflated cost of replacements of plant and machinery to the value of £300,000 in replacement reserves. We are therefore recommending £14,008, to which has to be added the cost of the dividend payable of £14,685. The directors recommend the distribution of a dividend and bonus aggregating 11.471% or 11.4d. net per £100 of stock, the same as last year, amounting £128,550, and leaving £21,135 to be carried to the next account.

## Chairman's Visit to Nyasaland

This year at the request of my colleagues I paid a visit of inspection of our properties in Nyasaland. In addition to Mr. J. Kaye-Nicol, our general manager, I saw Mr. A. C. W. Dixon, our assistant general manager, who has more than excellent experience of tea growing in India and of general agriculture and machinery in the United Kingdom. We secured Mr. Dixon's services in September last year, and he is now in charge of the company's affairs during the absence of our general manager, Mr. J. Kaye-Nicol, on sick leave.

I visited all the various estates under my control and found them in good condition. The energy of the members of our staff were most helpful. I also visited our properties which we have in various stages of development, and discussed these in considerable detail with the local management. Discussions also took place on staff and staff conditions and recommendations were made to improve certain of the conditions.

## Tea Estate

From our tea estates we picked 4,510,313 lb. of tea in 1946-47, compared with 3,724,721 lb.

in 1945-46. This was due to the use of a new tea roller and pressure drier, together with a new main humidifier and a new withering house.

We have been preparing plans for clearing new areas for the production of additional crops. In connection with tea especially, we are able to point to very considerable and worthwhile extensions now effected and in contemplation. It will be borne in mind that the Restriction Regulations in force during the war limited our cultivation to slightly over 1,000 acres, and that the regulations were finally removed only in 1943. But active work in preparing for development of our good tea lands has been proceeding, and the time restriction was removed, and a new estate, the Tunga Estate, has been opened up. Work in virgin forest areas, conditioned by the difficulty of securing labour, in a new area and non-arrival of plant, proceeded energetically. By the close of the year under review 30 acres were ready for planting, which had been increased to 90 acres by the time the planting season arrived. Most of the young tea transplanted on these 90 acres has successfully withstood the drought. Whilst the preparation of the ground was proceeding, cultivation of nursery beds and of new tea plants from seeds sown in our own estates was proceeding. The labour involved in the clearing of the initial 90 acres has been most arduous, due to lack of the necessary machinery, but as some of this has since arrived the local management anticipates increased productivity the next planting season.

## Mpeni Estate

Since the close of the financial year we have also opened up a further estate, the Mpeni Estate, where the clearing, etc., is proceeding steadily, and we anticipate that planting out should begin by the next rainy season. I was much impressed by the keen and workmanlike way in which these two developments were being handled, and by the appearance and lay-out of the land already planted. These two estates, in view of the not-too-distant future requirement of an additional tea factory, plans for which are now under discussion, it has now become possible to carry to its final stage the policy which the board has long had in mind for the cultivation of our remaining tea lands, which will be actively undertaken as rapidly as possible.

The main problem which disturbed me during my visit was the inadequacy of the supply of nitrogenous fertilizer. We did not again obtain our full requirements last year, with the result that we are denuding the soil of its nitrogenous content. It is apparent from the records of the individual gardens, in all cases where the application of fertilizers is made, that the amount of green tea available is demonstrably less than in cases where a full application has been given. Representations have been made to the authorities, but unless adequate supplies of fertilizer are forthcoming it is only a matter of time before the supply and quality must be seriously affected. A tax of 5% of 2d. per lb. has been imposed on all the output irrespective of cost or of the price paid by our customers. It shall be followed with the effect of this type of tax on primary products.

## Inequitable Taxation

Tobacco has fallen out in yield per acre from 1,34 lb. in 1946-47 to the disappointing figure of 500 lb. per acre from 590 acres in the year under review. The yield of 1946-47 was 1,025,000 lb. as against 1,000,000 lb. in 1945-46.







# East African Exports in Sisal and Cotton

## Exporters of Sisal Satisfied

The Kenya Report on the effectiveness of anty-cyclone measures during the season of 1950-51, shows that the sisal crop, which extends over 100,000 acres, was a success.

The report states that the Department of Agriculture, Kenya, has been successful in the control of the pest, the Yambé, from which the sisal crop has been protected.

The sisal crop, which is an export of the sisal plant, has a yield of 100,000 tons, which is probably the highest yield ever recorded in the sisal industry.

The sisal crop, which is an export of the sisal plant, has a yield of 100,000 tons, which is probably the highest yield ever recorded in the sisal industry.

The sisal crop, which is an export of the sisal plant, has a yield of 100,000 tons, which is probably the highest yield ever recorded in the sisal industry.

The sisal crop, which is an export of the sisal plant, has a yield of 100,000 tons, which is probably the highest yield ever recorded in the sisal industry.

## East African Transport Plan

The East African Transport Plan, which is a plan for the development of the transport system in the East African region, has been approved by the British Central Africa and Harar Administration.

The plan, which is a plan for the development of the transport system in the East African region, has been approved by the British Central Africa and Harar Administration.

The plan, which is a plan for the development of the transport system in the East African region, has been approved by the British Central Africa and Harar Administration.

The plan, which is a plan for the development of the transport system in the East African region, has been approved by the British Central Africa and Harar Administration.

The plan, which is a plan for the development of the transport system in the East African region, has been approved by the British Central Africa and Harar Administration.

The plan, which is a plan for the development of the transport system in the East African region, has been approved by the British Central Africa and Harar Administration.

The plan, which is a plan for the development of the transport system in the East African region, has been approved by the British Central Africa and Harar Administration.

The plan, which is a plan for the development of the transport system in the East African region, has been approved by the British Central Africa and Harar Administration.

The plan, which is a plan for the development of the transport system in the East African region, has been approved by the British Central Africa and Harar Administration.

The plan, which is a plan for the development of the transport system in the East African region, has been approved by the British Central Africa and Harar Administration.

The plan, which is a plan for the development of the transport system in the East African region, has been approved by the British Central Africa and Harar Administration.

Major General Sir Philip... in London... 48 tons of... sisal and tow in 10...

Contract for the sale of the 1950... in Kenya is expected to be a return of 175s. to 185s. per lb. for sisal with a bonus of 25...

Cotton consumption per capita has been... United States from 143 lb. in 1949 to a present average of almost 20 lb. per capita. There has been an even...

The sisal crop, which is an export of the sisal plant, has a yield of 100,000 tons, which is probably the highest yield ever recorded in the sisal industry.

The sisal crop, which is an export of the sisal plant, has a yield of 100,000 tons, which is probably the highest yield ever recorded in the sisal industry.

The sisal crop, which is an export of the sisal plant, has a yield of 100,000 tons, which is probably the highest yield ever recorded in the sisal industry.

The sisal crop, which is an export of the sisal plant, has a yield of 100,000 tons, which is probably the highest yield ever recorded in the sisal industry.

The sisal crop, which is an export of the sisal plant, has a yield of 100,000 tons, which is probably the highest yield ever recorded in the sisal industry.

The sisal crop, which is an export of the sisal plant, has a yield of 100,000 tons, which is probably the highest yield ever recorded in the sisal industry.

The sisal crop, which is an export of the sisal plant, has a yield of 100,000 tons, which is probably the highest yield ever recorded in the sisal industry.

The sisal crop, which is an export of the sisal plant, has a yield of 100,000 tons, which is probably the highest yield ever recorded in the sisal industry.

The sisal crop, which is an export of the sisal plant, has a yield of 100,000 tons, which is probably the highest yield ever recorded in the sisal industry.

The sisal crop, which is an export of the sisal plant, has a yield of 100,000 tons, which is probably the highest yield ever recorded in the sisal industry.

The sisal crop, which is an export of the sisal plant, has a yield of 100,000 tons, which is probably the highest yield ever recorded in the sisal industry.

The sisal crop, which is an export of the sisal plant, has a yield of 100,000 tons, which is probably the highest yield ever recorded in the sisal industry.

The sisal crop, which is an export of the sisal plant, has a yield of 100,000 tons, which is probably the highest yield ever recorded in the sisal industry.

The sisal crop, which is an export of the sisal plant, has a yield of 100,000 tons, which is probably the highest yield ever recorded in the sisal industry.

The sisal crop, which is an export of the sisal plant, has a yield of 100,000 tons, which is probably the highest yield ever recorded in the sisal industry.



THEY GO TOGETHER WHEN YOU BUY A FORD

*Perfect*

# all this

**ECONOMY FROM THE WORD 'GO'**  
 The Perfect's low initial cost and low running costs—up to 50 per cent more miles per gallon than bigger cars—makes it the finest 'economy car' in its class to-day.

**SUPERB 'BIG CAR' COMFORT**  
 Ample leg and head-room, deep-cushioned, luxury upholstery, double-action hydraulic shock absorbers, all combine to give you—and three others—the smoothest, easiest riding over the roughest going.

**EXCITING PERFORMANCE!**  
 Under any conditions the Perfect gives you a really exhilarating performance and complete dependability. The high, economical cruising speed is an outstanding feature.

**PRECISION-BUILT THROUGHOUT**  
 Every part of the Perfect is produced and tested to the finest British engineering standards to ensure long life and thorough reliability.

**EASY HANDLING**  
 The easy steering and small turning circle, the eager response of the accelerator, the safe, feather-touch brakes—all give you a joy to drive in town or on the highway.

**STUNNING STYLING**  
 Available in a variety of finishes, and with a choice of interior fittings, the Perfect is a good-looking car in any environment.

## and FORD SERVICE FACILITIES

Ford is backed by the world's largest service facilities offering spare parts and repairs at the lowest possible cost.



**Ford**  
**OF DAGENHAM**

CARS VANS TRUCKS TRACTORS FARM IMPLEMENTS

For further details contact:  
 Duly & Co. Ltd., Bulawayo, S. Rhodesia.  
 Hughes & Co. Ltd., Nairobi, Kenya.  
 African Lakes Corporation,  
 Blantyre, Nyasaland.  
 Ridech Motors Ltd.,  
 Dar Es Salaam, Tanganyika.  
 The Uganda Co. Ltd., Kampala, Uganda.





# UNION-CASTLE

*Lines*

## to SOUTH & EAST AFRICA

Royal Mail Service to

CAPE TOWN, PORT ELIZABETH,  
LONDON, and DURBAN

Sailing Southampton

WARWICK CASTLE	Aug. 25
ATLONE CASTLE	Sept. 1
DURBAN CASTLE	Sept. 8
EDINBURGH CASTLE	Sept. 15

Via Madeira  
(also for Lourenço Marques)



EAST AFRICA AND BEYOND  
Direct service to  
NATAL, DURBAN, PORT ELIZABETH, CAPE TOWN

Direct Carriage Service Between  
LONDON AND EAST AFRICA

Special Fares for Private Air  
Travel, Passengers and Goods

Head Office: 10, Fenchurch Street, LONDON, E.C. 3

Branch Offices: the United Kingdom, the West Indies, the East Indies  
BENEFITS THROUGH M.C.U. THE U.R.L.



# THE SAFETY MARK

which ensures complete satisfaction

W.H.C. have developed materials  
to cover all requirements of  
the modern motor. The  
range of materials like the  
range of grades, 1000 and  
comprehensive  
Lubricating Oil, Engine Oil,  
Gear Oils, Greases, Vaseline,  
Wax, Greases, etc. are the  
main products of the firm.  
A few of the well-known  
W.H.C. dealers' specialities

**FALCON BRAND**  
"STAY-WALL" OIL. The ideal  
oil for engines which perfectly  
protects and still costs less than most.

**SYNTECO**  
OIL, ENGINE WASHING, WATERPROOF  
available in all the four  
colours, this oil film system  
is arbitrary, washable and available.

**BELL BRAND**  
"DURABLE CROSS-BOND".  
This oil is particularly  
reliable, high grade and very  
economical.

**THREE LEOPARDS**  
"STAY-WALL" OIL, WATERPROOF  
available in all the four  
colours, this oil film system  
is arbitrary, washable and available.

## WILKINSON, HEYWOOD & CLARK

WEST ORLAND HOUSE, 127/131 REGENT STREET, LONDON, W.1











One  
Tool-Bar

The Fordson Tool-Bar Implement is a simple, efficient, and reliable machine for the farmer. It is designed to be used in conjunction with the Fordson Tractor, and is available in a variety of models to suit different types of soil and crops. The Fordson Tool-Bar Implement is a simple, efficient, and reliable machine for the farmer. It is designed to be used in conjunction with the Fordson Tractor, and is available in a variety of models to suit different types of soil and crops.

Many  
Implements

# THE UGANDA CO. LTD

100, PO BOX 13, HOOD LANE, E.C.3 TELEPHONE: MANSION HOUSE 2745 KAMPALA, P.O. BOX NO. 1 AT JUMBE & SHALE

**Exporters**  
of Native Iron  
Hides, Skins, etc.

**Importers**  
of Hardware and Building  
Materials, Canned Wines and  
Spirits, etc.

Specialists in Cotton Piece Goods and Native Trade

**THE  
African Mercantile Co., Ltd.**  
BAKO HOUSE, NEW BROAD ST.  
LONDON, E.C.2

Branches at  
MOMBASA, TANCA, ZANZIBAR, DAR-ESS-SALAAM,  
NAIROBI, KAMPALA, KISUMU, MUALA, BEKOP,  
MURINDANI, SINDI

**EAST AFRICA**

**U.S.A.**

**TANZANYIKA**

**ZANZIBAR**

For information regarding  
Trade, Commerce, Settlement,  
Travel and General Conditions  
apply to

The Commissioner  
East African Office,  
Grand Buildings, 31 Paternoster Squares, London, W.C.2

Telephone: Whitehall 5767/8  
Telegrams: Samatters, East London  
Cables: Samatters, London



The spectacular ruins of Great Zimbabwe present archaeologists with an intriguing puzzle. When and by whom they were built has yet to be finally established, but all observers agree that the ruins are surrounded by extensive workings where once the mining of gold took place on a large scale.

A pleasingly romantic explanation suggests that Great Zimbabwe was the greatest goldfield of the ancient world. King Solomon's mines from which was obtained the gold used in the adornment of the Great Temple in Jerusalem. Another theory identifies the ruins as the "Bantu" work of the 14th or 15th century. It is even suggested that Great Zimbabwe may have served as a centre for the gold trade with the Mediterranean of this coast.



Whatever the origin, the ruins remain an interesting link in the history of mining in Southern Rhodesia, for today the mining of gold, chrome and coal continues to contribute to the prosperity of the country. Full and complete information from our branches in Southern Rhodesia, covering the mining industry and all commercial necessities, is readily obtainable on request.

**BARCLAYS BANK**  
**DOMESTIC, COLONIAL AND OVERSEAS**  
 HEAD OFFICE, 54, LOMBARD STREET, LONDON, E.C. 3



**SPECIALLY DESIGNED**  
**SHIPS and LAUNCHES**  
**IN WOOD, ALLOY, or STEEL**

**ALLIGOUS**

THE SHIPYARD, BRICK LANDINGSEA  
 EBSEX, ENGLAND  
 Telephone: Brick Landingsea 10 Grams: Brickway Brick Landingsea

# EAST AFRICA AND RHODESIA

Published weekly, 30/- yearly post free

Registered at the G.P.O. as a Newspaper

Comprehensive



MERCHANDISE SHIPPINGS ENGINEERING  
TRAVEL TRAVEL

If you are concerned with anything connected  
with EAST AFRICA or Rhodesia our organization is ready to  
serve your requirements and help you in any way

**SMITH & KENZIE & COMPANY, Ltd.**

MOMBASA      NAIROBI      DAR-ES-SALAAM  
TANGANYIKA      ZAMBIA      KAMPALA  
LILONGWE      LINDI  
KINSHASA

122, LEADENHALL STREET, E.C.3

10, PRINCE AVENUE, LONDON

INDIA STEAM NAVIGATION CO., LTD. MOMBASA  
INDIA STEAM NAVIGATION CO., LTD.

By Stages of Greater Rhodesia





# A. BAUMANN & CO.

NAIROBI      KOMBASA  
 DAR-ES-SALAAM      KAMPALA  
 MOMBASA      MASAKA

Shippers of all African Produce

Coffee  
 Oilseeds  
 Oilcakes  
 Tanning Materials  
 Beans  
 Spices  
 Papain

# BOVILL & MATHEWSON

INCORPORATED  
 LONDON  
 AGENTS FOR THE EAST AFRICAN ROYAL MAIL  
 GENERAL MANAGERS  
 DAR-ES-SALAAM      DORET  
 KAMPALA      MOMBASA  
 MASAKA

## MANAGING AGENTS

General, Sales, Marketing and  
 Agency Services, and Marketing  
 Assistants in Agriculture, Industry and  
 Engineering.

Associated Company of  
 MERRILL & CO., LIMITED  
 Merchants and Estate Agents  
 ARUSHA, DORET, KAMPALA, TANGA  
 Local Correspondents:  
 E. C. FREY & CO., LIMITED  
 Plantation House, Victoria Street, Dar-  
 es-Salaam, P.O. Box 100, House

# TOMLINSON (NORWA) Ltd

CONSTRUCTORS

## Sisal DRYING PLANT

WIGGLESWORTH & CO. (Africa) Limited  
 DAR-ES-SALAAM      TANGA      NAIROBI      MOMBASA

Associated  
 WIGGLESWORTH & CO. Limited,  
 10, Abchurch Lane, LONDON, E.C. 4

# LESLIE & ANDERSON

INCORPORATED  
 DUNDEE      LONDON      SYDNEY      EC

NAIROBI      KOMBASA      KAMPALA  
 DAR-ES-SALAAM      MOMBASA  
 MASAKA      TANGA

## PRODUCE IMPORTS

COTTON SEEDS  
 COFFEE      TEA  
 EXPORTS  
 FISH AND HARDWARE

## LESLIE & ANDERSON (Nairobi), Ltd

Specialist in Kenya & Uganda Produce Imports  
 London  
 EDWIN SCHUSTER & CO.  
 COLLIER STREET, E.C. 3

# GREENHAM EQUIPMENTS LTD

(Formerly GREENHAM EQUIPMENTS SALES LTD.)  
Clayton Road, Rushmore Road, Greenford, Middlesex

Phonix, Greenford

OR SOLE

## COMPRESSORS

1 Hain Portable Air Compressor Tools, Tools, Tools  
2 Diesel Engine. New. Price £2,000  
1 TPT. Portable Air Compressor  
1 Dorman 2UR Diesel Engine  
1 Broomwade Portable Air Compressor  
1 SVD 24 Liter Petrol Diesel Engine. Reconditioned  
1 Hain Portable Air Compressor  
1 Hain Portable Air Compressor  
1 Ricardo Diesel Engine. Price £1,500

## CONCRETE MIXERS

1 SVEZ & Pitt 500 Liter Concrete Mixer. 4 wheels. Model New. Price £150 each  
1 Motor 75 cu. ft. Close Drum Concrete Mixer. 4 wheels. 20/20/Paraffin Engine. Reconditioned. Price £105.  
1 Motor 75 cu. ft. Concrete Mixer. 4 wheels. 20/20/Paraffin Engine. Reconditioned. Price £105.  
1 Motor 100 cu. ft. Concrete Mixer. Ruston Diesel Engine. Reconditioned. Price £170.  
1 Motor 100 cu. ft. Concrete Mixer. Ruston Diesel Engine. Reconditioned. Price £170.  
1 Motor 100 cu. ft. Concrete Mixer. Ruston Diesel Engine. Reconditioned. Price £170.

## DUMPERS

1 Avon Diesel Dumpers. Price £1,000 each  
1 Chevrolet Dumpers. 2 cu. yd. 17 h.p. 1 cyl. 0. Engine. Reconditioned. Price £300/£350 each.  
1 Hill Hi-way Highway Dumpers. 3 cu. yd. 27 h.p. Ruston Petrol Engine. Reconditioned. Price £650.  
1 Hill Dumpers. 2 cu. yd. 27 h.p. Fordson Petrol Engine. New. Price £400 each.

Please write for current Plant List

## EXCAVATORS

3 Ruston 10. Excavators. Price £2,000 each  
1 Ruston 10. Excavator. Price £2,000  
1 Bucyrus Erie 15B. Excavator. Price £4,500  
1 Ruston 10 RB. Dragline. Price £3,900

## LOADING SHOVELS

1 Bray Hydraulic Loader. Hydraulic bucket. New. Price £885

## ROLLERS

1 80-ton Bedford Perkins Type T.H.D. Roller. Diesel Engine. Scraper and Water Sprinklers. Price £780  
1 6-ton Avon Road Roller. single cyl. Black and Diesel Engine. Reconditioned. Price £700  
1 4-ton Avon Road Roller. fitted with Caterpillar quick reverse. Price £195. Reconditioned. Price £195  
1 4-ton Avon Road Roller. Petrol-driven Roller. quick reverse. Reconditioned. Price £400

## TRACTORS

1 HD14. Allis Chalmers Tractors. Base Machines. Reconditioned. Price £700 each  
1 D8 Caterpillar Tractors. Base Machines. H Series. Reconditioned. Price £3,500 each  
1 D6 Tractor. Base Machine. H Series. Reconditioned. Price £2,400  
1 D4 Tractor. Base Machine. H Series. Reconditioned. Price £2,200



W. H. JONES & CO. LTD. BARNET, HERTS., ENGLAND.  
BUYERS, CONFIRMERS AND SHIPPERS

Specializing in the purchase of surplus stocks of heavy machinery, tools, and equipment. We also handle the sale of surplus stocks of heavy machinery, tools, and equipment.

SCANDINAVIAN  
EAST AFRICA LINE

General Agents  
KEELER & CO. LTD.  
10, Abchurch Lane, London, E.C. 4

Agents in East Africa  
The Sudan Mail Agency, Ltd.

ARTICULOSIVE PAINT  
TROPICAL WHITE PAINT  
HARD GLOSS PAINT  
AQUA INHIB. PAINT  
ETC

THE RED HARD COMPOSITIONS CO.

THE RED HARD COMPOSITIONS CO.  
HEAD OFFICE: 15, GYFORD STREET, LONDON, W.1  
CITY OFFICE: 14, BILLYMUR STREET, LONDON, E.C.3  
Phone: RA 1771 (LONDON OFFICE)

*"and a special service"*

# GAILLY & ROBERTS

LIMITED

AGRICULTURAL - INDUSTRIAL - MINING  
ELECTRICAL AND GENERAL ENGINEERS

100 MARKET STREET, NAIROBI, KENYA  
Nairobi, ELDORET, KISUMU, NINJA,  
MOMBASA, SALAM, MOSHI.



CATERPILLAR TRACTOR  
COMPANY  
Tractors and Earth Moving and  
Mining Equipment

JOHN GORDON & CO.  
Coffee Plantation Machinery

R. A. LISTER & CO. LTD.  
Petrol, Diesel, Paraffin, A. Diesel  
Engines, Cream Separators, and  
Dairy Machinery  
RANSOMES, SIMS & JEFFERSON  
LTD.  
Agricultural Machinery

ROBERT HUDSON LTD.  
Trucks and Trailers  
GEORGE KEET LTD.  
Meters  
LEWIS & TYLER LTD.  
Belts

GENERAL ELECTRIC CO. LTD. OF ENGLAND  
Everything

# INDIAN AFRICAN LINE

Regular Service by Twin Screw Luxurious Motor Liners

*Between*

RANGOON  
CHITAGONG  
CALCUTTA  
MADRAS  
COLOMBO  
SOUTH EAST  
AFRICAN PORTS

Special Restaurant  
Accommodations

Deck Steward  
Cabin



Particular Agents  
THOS. COOK &  
SON, LIMITED

For full details of Freight, Passage, etc. apply to  
INDIAN AIR SHIPPING & TRADING CO. LTD.  
100 MARKET STREET, LONDON, E.C.



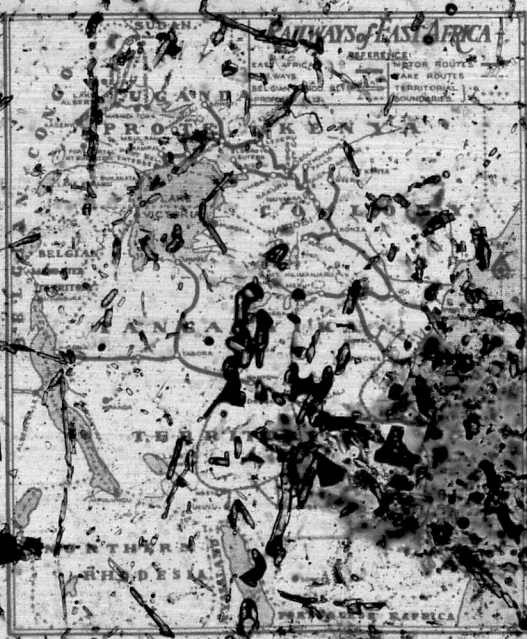
# BRUSH ELECTRICAL PRODUCTS

Engineers recognise the outstanding design, construction and finish of "BRUSH" electrical products, and this appreciation is not only apparent in Great Britain, but also in the world where the "BRUSH" name has been established as a synonym for quality.

"BRUSH" PRODUCTS INCLUDE:

- A.C. & D.C. SWITCHES
- MOTORS, CONVEYORS
- TRANSFORMERS

BRUSH ELECTRICAL MACHINERY (AFRICA), LTD.  
 P.O. Box 165  
 DAR ES SALAAM



On 1st May, 1939, the Kenya and Uganda Railways and Harbours were amalgamated with the Tanganyika Railways and Ports Services to form the East African Railways and Harbours.

The East African Railways and Harbours Administration operates 2,930 route miles of metre gauge railway, some 6,000 miles of lake and river steamer service, and 1,700 miles of road motor service. Within this system there are four ocean ports—Mombasa, Dar es Salaam, Tanganyika and Lindi. Another port is at present under construction at Mkwinda in southern Tanganyika for the Gweloport route, in connection with which many miles of new railway are also being built.

Despite a continuing shortage of rolling stock and equipment, the East African Railways and Harbours are handling more traffic than ever before. In 1937 passenger journeys increased by 156% on the route founded by 76% in 1930, and this increase will be still greater.

The railways are of fundamental importance to the economic progress of the East African territories, and it is the duty of the responsible authorities to ensure that they continue to spare no effort to maintain their past record of service and provide the capacity which will deal satisfactorily with all demands made upon

## RAILWAYS OF EAST AFRICA







# EAST AFRICA AND RHODESIA

Thursday, August 25, 1949  
Vol. 25 (New Series) No. 17

Sold weekly, 30s. yearly post free

Registered of the G.P.O. as a Newspaper

Founder and Editor:

F. S. Tolson

REGISTERED OFFICES:

10, GREAT RUSSELL STREET, LONDON, W.C.1

Telephone: HOLborn 2774-5

PRINCIPAL CONTENTS:

Page	Page
Matters of Moment 1627	Personalia 1634
Secretary of State's Address 1625	Letters to the Editor 1616
N. Rhodesian Debate on Coal 1627	Inefficiency in Kenya Departments 1638
Empire Minerals Potentials 1629	New Items in Brief 1640
	Latest Mining News 1648

## MATTERS OF MOMENT

**THE EMPHASIS** in a recent leading article on the need for the urgent preparation of a scheme acceptable to Southern Rhodesia, Northern Rhodesia, and Nyasaland for the "Central Authority" of those three contiguous territories has brought the challenge that

East Africa and Rhodesia should outline its own specific proposals. One reader with exceptional insight, knowledge and experience commented that Southern Rhodesia, having attained self-government, could not be expected to make such a surrender of power over a wide range of affairs as would seriously derogate from the autonomy of the Government, and that acceptance by that of the principle of federation must be a stage he overstepped. He regards it as a generous gesture which is liable to modification, since the electorate as a whole, when it comes to understand the problem in some detail, may go back to the earlier demand for annexation. On the other side are those especially in Northern Rhodesia and Nyasaland, who doubt whether Africans can be persuaded to accept federation, however generous the terms, because their natural inclination will be to

same objectives by federation. We have been given no details on which to form a judgment, even if you went to extreme lengths to safeguard African interests, you could not possibly offer any protection of our rights as it does not exist under the present system of Protectorate government. As therefore we cannot possibly call we prefer to remain as we are.

Our proposal is that those opposed points of view could be met and action be facilitated by an initial measure of joint control of the common services in regard to which there is already a large measure of consultation and agreement, and to which African opposition in Northern Rhodesia is very closely associated with Rhodesia. Railways, and through whose of the capital, held by the Government of Southern Rhodesia, the Northern Territory has representation on the Railway Authority. Both Northern Rhodesia and Nyasaland have nominees on the Central African Airways Corporation, and on the Board of the Central African Airways Corporation. If shown to be really fair and feasible, there fore, to assume responsibility for railways



that measure of discernment. Even in the tenth year of its existence the Kenya Information Office has not feared to mean public raise of the Governor. An item recently issued by the Information Office begins: "Although Kenya's Governor, Sir Philip Mitchell, is a brilliant after-dinner speaker, Sir Philip is a brilliant after-dinner speaker, and one of East Africa's best speakers in any category, but he is unlikely to have appreciated the action of the Government of his Administration in passing this public judgment on his capability; and some may well rightly resent the use, or rather abuse, of official channels for so private a piece of personal publicity."

Why Kenya has taken this satisfactory Information Department for so long past is our comprehension. We have been critical on many occasions over a number of years, and through what period of inquiry at the output of the Office which has reached us is admitted rather better on the subject.

## Africa Needs

### South African Address to

THE CONFERENCE TO FORMULATE POLICY in the field of a comprehensive study of the principles of agricultural development for Africa's governments. A conference of this kind has not been instituted for the ordinary machinery of policy-making which exists in these territories and in London.

We must first pool the experience you have all had in the field in order to pass on to another to see that each user can raise the quality and quantity of what he produces and to conserve and improve the natural resources of the land; and secondly, we hope to encourage the exchange of experience practical suggestions, and finally, the process of helping the African to become a better farmer and member of society.

The conferences we have so far held are not distinguished from one another, but as annual sessions are designed to allow these intimately concerned with African administration in the field to discuss various aspects of the main problem—the problem of how fast and most quickly to raise the economic, social, and political standards of the inhabitants of the African territories.

### Raising Standards

Our first conference in 1947 dealt with the question of raising the political side of the problem in the field. Our second, last year, dealt with the economic and administrative in African society—the human side of the problem. This conference deals with the economic side of the problem.

It may seem curious that we have waited for this session to discuss what is in some ways the most fundamental aspect of all. The answer is surely that in any enterprise the important first, to make sure of the

in an abbreviated report of the opening address of Mr. Cuthbert Jones at the Colonial Summer Conference in London, agriculture now being held in Cambridge.

than it was some time ago, it still bears a poor comparison with the work of the corresponding public services in Northern and Southern Rhodesia. Why should Kenya be less well served in this matter than the Rhodesias? After the above words had been written we learnt by air-mail from Nairobi that the leaders of the European elected members of the Legislative Council had just asked for an inquiry into the working of the Information Office. EAST AFRICA AND RHODESIA made this proposal yesterday, despite reported endeavours, conducted by the non-official members of the Legislative Council to act. They have been astonished, and in our view, much disappointed of this long and costly waste of public funds, opportunity, and management of public facilities, but we are sure they will be very pleased that the Government will not examine the office and its work in detail, and that the Government of Northern Rhodesia will not assume any responsibility for the matter.

### Colonial Development Conference

It is a common mistake to compare the nature and nature of the work of the Information Office to get the full co-operation of the public. I hope that your present decisions will be reached with the consensus reached at the conferences in 1947 and 1948.

Colonial development presents many baffling problems regarding the permanency and pace of the progress sought and the reconciliation of these things with the wishes of the people for change. Nevertheless, we have experienced throughout the world with a serious shortage of food during the world-wide war, with basic shortages of food, and droughts in many parts of the world, together with awakening and increasing desires for social advancement, and responsible people hitherto dormant.

### Atting Backward Regions

No areas can be completely isolated from the rest of the world, and no nation can be the generator of economic influences. Since the world cannot afford to allow areas of potential resources to remain squandered and undeveloped when the good health and good health of many nations can prosper if these regions are developed to make the contribution, neglected and undeveloped, and the same the subject of human and intrigue, and they tend to disturb the balance both economic and political between the countries of the world so when these territories present themselves for meeting requirements, deservingly left behind.

It is our duty of peace and good progress, the world are obliged to go forward the backward, and under their control, and to meet the needs of the people of the colonial people for improvement in their other words, we are committed to the economic development, and because agriculture is the fundamental feature of most



# Northern Rhodesia to Investigate Coalfields

## Territory Will Announce Billions Tons Annually

**THE NORTH** will announce the results of a survey of its coal resources in the next few months, it is understood. The survey is being conducted by the Northern Rhodesia Coal Commission, which was set up in 1946. The commission's report is expected to show that the territory has a coal reserve of about 100 million tons. This is a significant discovery, as it would make Northern Rhodesia one of the major coal-producing areas in the world.

The commission's report is expected to show that the coal reserves are distributed in several areas, with the largest reserves in the north-western part of the territory. The coal is of a high quality, and is suitable for use in a wide range of industries. The discovery of coal is a major step towards the development of Northern Rhodesia as an industrialized country. It will also provide a source of income for the government, and create jobs for the population.

The commission's report is expected to be published in the next few months. It will provide a detailed account of the coal resources, and will also discuss the possibilities for the development of the coal industry. The government is expected to take action on the basis of the report, and to begin the process of developing the coal industry in the near future.

### Cost of a Colliery

The cost of establishing a colliery in Northern Rhodesia, including the cost of the railway, is estimated to be between £2,000,000 and £3,000,000, according to the commission's report.

The cost of the railway is a major factor in the total cost of the colliery. The railway will be used to transport the coal from the colliery to the coast, where it can be loaded onto ships for export. The cost of the railway is expected to be between £1,000,000 and £1,500,000. This is a significant investment, but it is necessary to make the coal industry viable.

The commission's report also discusses the possibilities for the development of the coal industry. It suggests that the government should take steps to attract investment in the industry, and to provide incentives for the development of the coal industry. It also suggests that the government should take steps to ensure that the coal industry is developed in a way that is beneficial to the population of Northern Rhodesia.

The commission's report is a landmark document for Northern Rhodesia. It provides a clear picture of the coal resources, and it discusses the possibilities for the development of the coal industry. It is a major step towards the realization of the dream of an industrialized Northern Rhodesia.

The discovery of coal is a major step towards the development of Northern Rhodesia as an industrialized country. It will also provide a source of income for the government, and create jobs for the population. The commission's report is expected to be published in the next few months. It will provide a detailed account of the coal resources, and will also discuss the possibilities for the development of the coal industry.

The commission's report is expected to show that the coal reserves are distributed in several areas, with the largest reserves in the north-western part of the territory. The coal is of a high quality, and is suitable for use in a wide range of industries. The discovery of coal is a major step towards the development of Northern Rhodesia as an industrialized country.

The cost of the railway is a major factor in the total cost of the colliery. The railway will be used to transport the coal from the colliery to the coast, where it can be loaded onto ships for export. The cost of the railway is expected to be between £1,000,000 and £1,500,000. This is a significant investment, but it is necessary to make the coal industry viable.

The commission's report also discusses the possibilities for the development of the coal industry. It suggests that the government should take steps to attract investment in the industry, and to provide incentives for the development of the coal industry. It also suggests that the government should take steps to ensure that the coal industry is developed in a way that is beneficial to the population of Northern Rhodesia.

The commission's report is a landmark document for Northern Rhodesia. It provides a clear picture of the coal resources, and it discusses the possibilities for the development of the coal industry. It is a major step towards the realization of the dream of an industrialized Northern Rhodesia.

The commission's report is expected to be published in the next few months. It will provide a detailed account of the coal resources, and will also discuss the possibilities for the development of the coal industry. It is a major step towards the realization of the dream of an industrialized Northern Rhodesia.

The commission's report is a landmark document for Northern Rhodesia. It provides a clear picture of the coal resources, and it discusses the possibilities for the development of the coal industry. It is a major step towards the realization of the dream of an industrialized Northern Rhodesia.

# Mineral Potentialities of the Colonial Empire

## Further Points from Report of Primary Products Committee

THE PRESENT OUTPUT and potentialities of 34 minerals in the Colonial Empire have been assessed by the Metals and Minerals panel of the Colonial Primary Products Committee.

The sections in their report, Colonial No. 247, 90% on asbestos, bauxite, beryllium, chrome ore, coal, cobalt, columbite, copper, and graphite, were published in last week's issue, and further extracts are published here.

**DEFINITIONS.**—Rough diamonds are classified as gems or industrial according to color and other characteristics such as inclusions, shape, and cleavage, but in an emergency supplies of industrial diamonds may be derived from gemstones which normally would be sold economically as gemstones, as was done during the late war.

The main rough diamond-producing areas are South Africa, Angola, Belgian Congo, Tanganyika, Sierra Leone, Gold Coast, Brazil, French West Africa, and West Africa, British Guiana and Venezuela. The production of industrial diamonds in the Colonial territories for the year 1948 was 1,000 tons (in metric carats): Gôkô (East, 852,493; Sierra Leone, 122,525; Tanganyika, 72,225; British Guiana, 50,000).

Industrial diamonds constitute approximately 50% of the production in Tanganyika, Sierra Leone, Gold Coast, and Gôkô in Sierra Leone.

Most of the world's supply of industrial diamonds is distributed through the Diamond Corporation, which are directly marketed from London. The U.S.A. and Belgium are the chief markets for rough diamonds sold from London. Industrial diamonds have also been made available to the U.S.A. for stockpiling.

**Colonial Production Possibilities.**—There is a steady demand for low quality diamonds for industrial purposes. The grade in the better quality stones seems to be possibly a luxury trade and is consequently subject to considerable fluctuation. When times are good there is a ready sale for gem-quality stones, but in times of depression not only is there little sale for new stones, but there are heavy sales of second-hand stones which depress the market. The use of gems for investment purposes also adds to the uncertainty of the market.

### Selling through Diamond Corporation

In these circumstances it is very desirable in the interests of the industry that the flow of new stones on to the market should be strictly regulated. This has been achieved by the centralized purchasing and selling organization of the Diamond Corporation, who control over 90% of the world sales of rough diamonds.

On the production side, the Diamond Corporation has agreements with all the chief producers, under which the Corporation undertakes to buy annually a minimum quantity of diamonds, no matter what the state of the market may be, and further quantities on a graduated scale according to the Corporation's sales. The producers in Tanganyika, Sierra Leone, and the latest producer in the Gold Coast have such agreements with the Diamond Corporation.

The Panel considers that the system of selling through the Diamond Corporation is in the interests of the Colonial producers and territories, provided that they receive an equitable share of the market.

**DIAMITE.**—Diatomite is extensively used as a filter, food-stuff, and edible oils, and is thermal and acoustic insulator. Other uses as a filler, and mild abrasive, and in many miscellaneous applications. It is the high-grade U.S.A. diatomite which is used as a filter aid.

In 1948 Kenya produced 724 tons. The United Kingdom's annual requirements are about 50,000 tons.

**Colonial Production Possibilities.**—The only Colonial producer is Kenya whose output is used in insulating and as a filler. These are the only known purposes to which diatomite is put and the Kenyan product may prove to be too expensive to compete with certain Algerian diatomite. Experiments are however being conducted at the National Physical Laboratory on samples of Kenyan diatomite as a heat insulator.

Before Kenya could become a major producer the efficiency of its product as a filter aid would need to be tested. It is likely that all diatomites are currently being used for lactose filtration and that samples for other filtration purposes are being tested. The work so far carried out has been incomplete, but it is known that a series of chemical analysis American diatomite and Kenyan. The raw tithe to the diatomite may be received.

At least part of the superiority of U.S. filter diatomites arises from the intensive beneficiation which is applied to the raw material, and if the small-scale tests now being carried out reveal that a highly efficient filter aid could be prepared from Kenya diatomite, a fairly large and elaborate production plant, and control laboratory, would be required.

**GRAPHITE.**—The three principal forms of natural graphite are crystalline, flake and amorphous, each of these is marketed in several different grades. It is used principally for foundry linings, crucibles and other refractory linings, paints and brushes, dry batteries and pencils.

Madagascar produced 5,488 tons in 1948. This is the Colonial production of graphite. The United Kingdom and U.S.A. the world's leading importers, the Colonial requirements are about 10,000 and 20,000 tons respectively. At present the import requirements of other countries are very small.

Unless Madagascar, South Africa, and Ceylon can meet their requirements, the U.S.A. will have to establish production facilities in the Colonial territories, but temporary shortages in Madagascar and South Africa may occur.

In December 1948, the prices of Madagascar graphite ranged between £20 and £50 per ton f.o.b. according to grade. The price of the standard Madagascar crystalline flake graphite, which is of unique quality, increased from £30 to £37 10s per ton f.o.b. during 1948.

### Investigation in East Africa

**Colonial Production Possibilities.**—Reserves exist in East Africa, but the results of tests carried out so far in the United Kingdom on flake grades point to the graphite being inferior in quality to standard Madagascar material. It is hoped to arrange for the deposits to be further investigated as soon as geologists are available for the purpose.

All the East African graphite is suitable as Madagascar graphite for the manufacture of crucibles has yet to be confirmed. Existing users would not, however, be prepared to use Colonial graphite and enter the market for any supplies that might be found available. The Panel has arranged for a test to be brought to the notice of the East African Governments.

**IRON ORE.**—The chief producing countries are U.S.A., U.S.S.R., France, Sweden, and the United Kingdom, but of these only France and Sweden are really large-scale exporters. The United Kingdom is by far the greatest producer at the Commonwealth, and in 1948 produced 11,008,000 tons of lean ore; in 1943 production reached the record high level of 26,000,000 tons. The other Colonial producers are Sierra Leone (940,636 tons in 1947), the Federation of Malaya (1,982,463 tons in 1940, and 828,000 in 1947) and Northern Rhodesia (1,504 tons in 1947).

The United Kingdom demand for iron ore at about 50,000,000 tons per year now considerably exceeds the average of that of the year immediately preceding the war and in the running higher than the pre-war boom year of 1937, when over 70,000,000 tons were imported. During 1948, f.a.b. prices for iron ore ranged from 17s. to 45s. per ton.

### Inquiries Proceeding

**Colonial Production Possibilities.**—In Northern Rhodesia, the deposits are at present being investigated with a view to possible exploitation in connection with a scheme for a ferro-chrome industry and in making steel electrically, using Northern Rhodesian iron ore and Southern Rhodesian chrome, together with hydro-electric power from the Kasaba Gorge. The quantity and quality of the Northern Rhodesia ore have not yet been fully assessed.

It is known that magnetite is widely spread in Tanganyika. The largest deposits are at Kilimanjaro on the eastern side of the northern portion of Lake Nyasa. The Ruhuhu coalfield is only about 35 miles away and limestone is also available within reasonable distance. The percentage of titanium in the Kilimanjaro magnetite is less than that in ores which have been successfully treated in Russia and Germany. Investigations into the character and extent of the magnetite deposits are still in progress.

**UGANDA.**—Haematites exist in the Western Province and magnetites of doubtful quality occur in the Eastern Province, but the distance from existing ore-consuming centres is too great to warrant the export of iron ore. The Eastern Province magnetites, being near the railway, are under investigation with a view to local utilization.

**LEAD.**—Some of the principal uses of the metal are in batteries, for sheathing electric cables, and in sheet-lead pipes; there are undoubtedly lesser uses. The oxide, sulphate and red lead are used in very considerable quantities, the chemical uses also have wide application. The use of lead compounds in paints has declined.

is confined to Northern Rhodesia, where the production in 1948 amounted to 180,000 tons with a consumption capacity of 350,400,000 tons. The price of lead has risen from 10 per cent below the world average price at the end of 1948. During the year the price was £30 per ton.

It seems unlikely that production will catch up with demand for some time. The outlook for lead producers is therefore considered to be good. Information regarding the price which the United Kingdom Government has prepared for lead has been sent to the Colonial Government concerned.

**Colonial Production Possibilities.**—Northern Rhodesia. Lead production is closely linked with zinc and its output. At present the output of lead and zinc is relatively to that of amalgam. A new concentration smelter have been installed at the Broken Hill mine. It is estimated that the production of pig lead has increased from 100,000 tons in 1945 to 1,200,000 tons in 1948. Ore reserves are estimated in 1945 at 1,000,000 tons. It is anticipated that there is a possibility of obtaining an output for the treatment of residues. This is expected to be a by-product of several hundred tons of lead.

Uganda. The largest manganese-bearing developed area in the world is in Uganda which is being considered to be good. The output of manganese is 10,000 and 50,000 tons per year. Part of the main plant is under construction and a pilot plant to run a manganese plant can be completed. Other deposits in Uganda are being prospected by the Union Corporation, Ltd.

The Panel recommended that information regarding the United Kingdom supply difficulties and the price which the Ministry of Supply are prepared to pay for lead should be sent to the Colonial Governments concerned, with a view to an increase in existing production and to a review of the position of deposits considered uneconomic. This action has been taken.

**MANGANESE ORE.**—Manganese dioxide is an oxidizer and desulfurizer and is an alloying element in the manufacture of steel. About 70 per cent of the world production is used for this purpose. The remainder is used for chemical purposes, especially in dry batteries. Broadly speaking, the principal steel producing countries, with the exception of the U.S.S.R., are dependent on imports for their manganese requirements.

Supplies from the U.S.S.R. and India are the chief consumers, are dependent on other sources for their supplies. Manganese is one of the U.S. Government's strategic materials.

The Gold Coast is the chief Colonial producer. It has also taken place in Malaya and New Guinea. The output of 5,000 tons of manganese ore is produced annually.

**Zinc.**—The Broken Hill zinc mine produces 1,000,000 tons of zinc annually. The deposits are neither very high nor very rich and the great rail distance to ocean ports is a serious export possibility.

**Mercury and Silver.**—**MERCURY.**—The chief uses of mercury are in chemicals in electrical, chemical and industrial apparatus, in dentistry, in dental preparations, in alloys, in insecticides and in amalgamations. There is no Colonial production. The world demand has been greatly reduced since 1945 and supplies are now sufficient to meet requirements.

**Colonial Production Possibilities.**—It is evident that only a high-grade deposit of considerable magnitude would have any prospects of being brought into production and of supplying a such deposit is known to exist anywhere in the Colonies, although occurrences of mercury minerals have been recorded from a number of territories.

**MICA.**—Good quality mica is indispensable in the electrical industry. Large quantities of mica suitable for electrical purposes are found for use in wall paper manufacture, in gong compositions and as a filler in paint, rubber, etc.

Tanganyika is the chief Colonial producer. Output was 72 tons of block and sheet and 265 tons waste in 1948. Very large quantities have been produced in Uganda and New Guinea. Supplies are at present sufficient to meet world requirements for electrical consumption. The U.S.A. is a large importer and has a large stockpile.

**Colonial Production Possibilities.**—Attempts were made during the last two years to increase mica production in East Africa and Northern Rhodesia. In spite of increased prices, none of these efforts met with much

success, although production of sheet mica in Tanganyika increased from 41 tons to 1251 tons in 1948. It is considered that any further Colonial production will be confined to production under present conditions.

**Platinum.**—The chief uses of platinum are in the manufacture of catalysts, in the production of electrical contacts, cast irons and non-ferrous alloys, in dental alloys, in silverware, etc. and to a lesser extent as a decorative metal. It is widely used in engineering for its strength, corrosion and heat resistance, and its electrical properties, etc. It is also used in currency, as a catalyst in storage batteries, etc.

Only 1 per cent of the world's nickel is produced in the Colonies. There is no Colonial production. The United Kingdom and its Colonies are entirely dependent on Commonwealth countries for their requirements.

Production of nickel at the end of 1948 was about 1,000,000 tons, showing an increase of £33 per ton over 1947.

**Colonial Production Possibilities.**—A deposit in Tanganyika in 1948, about 160 miles south-west of the main deposit, is being worked on a small scale, but the ore is very hard and probably would be difficult to concentrate. Two companies have considered the possibility of exploiting the Tanganyika deposits and neither appears to have been satisfactorily impressed.

**SALT.**—Salt is used extensively as a raw material in the chemical industry, particularly for the manufacture of soda ash, caustic soda and chlorine. It is an essential constituent of human and animal diet, and is also used extensively in food processing and preservation.

Salt is produced in most Colonial territories, but Colonial production for export is centred chiefly in Jordan, Turkey and the Canary Islands, and the Bahamas.

**TANZANIA.**—Salt is produced from the marine species at Zanzibar, the coastal region and from Lake Tanganyika. Very considerable quantities are also collected by the natives from the various salt lakes of the interior, which are large deposits accumulated from the sea. Recorded production in 1946 was 1,162,000 tons, of which 3,400 tons were exported, mostly to the Belgian Congo.

### Bank Failure in East Africa Thorough Investigation Urged

The failure of the Exchange Bank of Uganda was discussed in the Uganda Legislative Council when Mr. C. Handley Bird, a Council member, asked for a Government investigation of the matter from the standpoint of the local branches, and an assurance that the assistance of the Government of Kenya had been sought for such an investigation for that country would be sought.

The Financial Secretary replied that a report of extension of the inquiry of the Kenya authorities to the Uganda branches would be welcomed, but would not permit the want of official status of the bank. However, who had been appointed liquidator of the bank had already completed the documents required by the investigators.

Mr. H. S. Jaffer, an Indian member, who suggested that the Government should introduce legislation to safeguard the public from becoming victims of unsound institutions of such kind, and was assured that the matter would be studied with special care in mind.

The Bird declared that a large sum of African money were involved in the failure, and urged that more attention should be taken to ensure thorough investigation. Understood that deposits were being evacuated up to 24 hours before the bank closed.

### Control of Insurance Companies Enforced

After the 1948 and unexpected failure he asked if Government were satisfied that all insurance companies operating in the country maintained sufficient funds and East Africa to meet their obligations in the territories. The Financial Secretary pointed out that 25 per cent of insurers in the Colonies and those who issued policies must carry a "risk" in respect of motor vehicles, companies, and to comply only with the laws applicable to limited liability companies. The Government was therefore in no position to inquire into the adequacy of provisions made for investigations in the United Kingdom there were rigorous provisions for the control of insurance companies, and the introduction of comparable legislation into Uganda was under serious consideration.



**Obituary**

**C. Latilla**

MR. GEORGE C. LATILLA, who died at his home in Salisbury at the age of 73, was chairman of Rhodesia Corporation, Editor and a director of the Rhodesia Development Corporation, Rhodesia Land and Mines Ltd., and London and Rhodesian Mines and Land Co. Ltd. He was also chairman of Eastern Consolidated Ltd., Rhodesia National Mining Corporation, Rhodesia Cold Storage Ltd., and other companies.

Many of his companies were successful. He was a member of the Chamber of Commerce and Industries of Southern Rhodesia, and was a past president of the Rhodesia Chamber of Commerce. He was also a member of the Rhodesia Club, the Rhodesia Golf Club, and the Rhodesia Tennis Club. He was a widower and was survived by two daughters.

**Mr. Stuart, M.P.**

MR. JAMES STUART, M.P., died at his home in Bulawayo District, Southern Rhodesia, at the age of 60. He was educated in the South African College, Cape Town, and in the City of London. He was in 1938, he opened a cycle business in Bulawayo, extending it to include sports goods. He had become well known in sporting circles as "Stick" Stuart. His bicycle shop was opened in Bulawayo last year. Mr. Stuart has had a long military and sporting career. He was in the 1st Battalion of the Rhodesia Regiment, and was killed in 1926, and his name is on the Roll of Honour throughout the war period.

A useful and generous supporter of sport, and was a past president of the Rhodesian Amateur Athletic and Cycling Union and president of the Bulawayo Farmers. A keen angler, he had for some years been chairman of the Rhodesian Angling Society.

He entered parliament only last year, winning the new Bulawayo District seat for the former party. He collected 23,000 votes last year for Mr. Micallef, M.P., and 23,000 for Mr. Whittington (Rhodesian Labour Party).

He had been for many years a member of the executive committee of the Bulawayo branch of the British Empire League, and was chairman of its financial committee.

MAJOR ROBERT STUART, a civil engineer, who settled in Rhodesia, died at his home in Bulawayo. He was a member of the Rhodesia Club, and was a past president of the Rhodesia Golf Club. He was a member of the Rhodesia Tennis Club, and was a past president of the Rhodesia Cricket Club. He was a member of the Rhodesia Club, and was a past president of the Rhodesia Golf Club. He was a member of the Rhodesia Tennis Club, and was a past president of the Rhodesia Cricket Club.

MRS. FLORA BREW, widow of Arthur William Brown Brew, of Salisbury, Southern Rhodesia, has died in Douglas, Isle of Man.

MR. ALFRED CECIL DAVY, who has died in Chelsea, had been a jobber in the City of London Stock Exchange since 1905. He had attended to business in London for 35 years.

MR. HARRY ROBERT BRADY, who died last week, was a director of the Rhodesia C. O. from 1939 until his retirement in 1937. He became an assistant general manager in 1935, and general manager nine years later.

ARTHUR E. V. DAVIES, an electrical engineer, who was responsible for the construction of the first electric power stations in Southern Rhodesia, including those at Salisbury, Bulawayo, Umtali, Gwelo, and Gwelo, has died in Johannesburg.

MR. JAMES ANDERSON, who went to Kenya in 1925, a member of the Church of Scotland Mission, and later transferred to the Nairobi Municipal staff as a rate collector, has died in that city. He retired from the Municipal staff last year.

MRS. MARGARET EULEY, the wife of the assistant Native Commissioner in Southern Rhodesia, has died in the Colony. She formerly held positions as a gymnasium mistress in several Rhodesian schools, and took an active part in the affairs of the Shamva district.

The Rev. Canon Cecil Earle Tyndale-Biscoe, who died recently in Salisbury, Southern Rhodesia, was well known for his missionary educational work in Kenya over more than 30 years. He was 86, and four years ago was elected an honorary fellow of Jesus College, Cambridge.

MRS. MARGARET SHAW, nee Shaw, a former member of the National Standard Bank in South Africa, who has been a contributor to Kenya for many years, died in 1938. She was the author of "The Kenya Country Book and Household Guide." In her younger days she was well known on the amateur stage and concert platform in the Colony, and was one of the first persons to give a broadcast from the Nairobi station. She leaves two daughters and a son.

MR. CECIL THOMAS DEARY, who died recently in Salisbury, Southern Rhodesia, was a grandson of Cecil Rhodes, and was well known in farming circles in the Colony. Born in 1896 in East London, he was educated in Salisbury, and began farming at Brookmead, which had been given to his mother by the late James Mr. Deary was a foundation member of the Bromley Farmers' Association, chairman of the Bulawayo branch of the United Party, and a member of the executive committee of the party.

**Deaths in Rhodesia Office**

- MR. JAMES STUART, M.P., died at his home in Bulawayo District, Southern Rhodesia, at the age of 60.
- MRS. FLORA BREW, widow of Arthur William Brown Brew, of Salisbury, Southern Rhodesia, has died in Douglas, Isle of Man.
- MR. ALFRED CECIL DAVY, who has died in Chelsea, had been a jobber in the City of London Stock Exchange since 1905. He had attended to business in London for 35 years.
- MR. HARRY ROBERT BRADY, who died last week, was a director of the Rhodesia C. O. from 1939 until his retirement in 1937. He became an assistant general manager in 1935, and general manager nine years later.
- ARTHUR E. V. DAVIES, an electrical engineer, who was responsible for the construction of the first electric power stations in Southern Rhodesia, including those at Salisbury, Bulawayo, Umtali, Gwelo, and Gwelo, has died in Johannesburg.
- MR. JAMES ANDERSON, who went to Kenya in 1925, a member of the Church of Scotland Mission, and later transferred to the Nairobi Municipal staff as a rate collector, has died in that city. He retired from the Municipal staff last year.
- MRS. MARGARET EULEY, the wife of the assistant Native Commissioner in Southern Rhodesia, has died in the Colony. She formerly held positions as a gymnasium mistress in several Rhodesian schools, and took an active part in the affairs of the Shamva district.
- The Rev. Canon Cecil Earle Tyndale-Biscoe, who died recently in Salisbury, Southern Rhodesia, was well known for his missionary educational work in Kenya over more than 30 years. He was 86, and four years ago was elected an honorary fellow of Jesus College, Cambridge.
- MRS. MARGARET SHAW, nee Shaw, a former member of the National Standard Bank in South Africa, who has been a contributor to Kenya for many years, died in 1938. She was the author of "The Kenya Country Book and Household Guide." In her younger days she was well known on the amateur stage and concert platform in the Colony, and was one of the first persons to give a broadcast from the Nairobi station. She leaves two daughters and a son.
- MR. CECIL THOMAS DEARY, who died recently in Salisbury, Southern Rhodesia, was a grandson of Cecil Rhodes, and was well known in farming circles in the Colony. Born in 1896 in East London, he was educated in Salisbury, and began farming at Brookmead, which had been given to his mother by the late James Mr. Deary was a foundation member of the Bromley Farmers' Association, chairman of the Bulawayo branch of the United Party, and a member of the executive committee of the party.









### WINDMILL EXCHANGE

WINDMILL EXCHANGE, Ltd., was formed for the purpose of introducing a new type of exchange for the sale and purchase of goods and services. The company is registered in London and has its headquarters in London. It is a public company and its shares are listed on the London Stock Exchange. The company is engaged in the sale and purchase of goods and services and is also engaged in the sale and purchase of shares and securities.

A quantity of almost three quarters of the same piece goods was fixed in the same place in London to Nairobi. Return space was then secured for half ton of pineapples from Nairobi to London and for half ton of donkeys from Khartoum to London, the donkeys being intended for London Zoo.

As a typical example of air ramping could have been completely arranged on the Baltic Exchange, where capacity of the world's aircraft can be matched daily with the ability of cargoes in any part of the world. In fact, Dakota was used for a flight to Mombasa, approximately half the space will be taken up with cargo, and the remaining half with electrical equipment.

During last week several Viking and Dakota aircraft were homebound loads from East Africa and, the east without success. However, the movement of cargoes towards East Africa has been good, the actual load situation has been very difficult.

Average daily traffic from Mombasa during the week ended August 19th was 288 tons, which was a substantial increase on the previous week.

### Savings and Loan Society

The Savings and Loan Society, Ltd., which was recently incorporated in the Kenya Territory and registered in Kenya, has a authorized capital of £510,000 divided into 50,000 5% cumulative redeemable preference shares of £10 each, 100,000 ordinary shares of £1 and 100,000 founder shares of 2s each. The present issued capital is £250,000 of preference shares, 250,000 of ordinary shares, and the whole £1,000,000 worth of founder shares.

The directors are Mr. John Hamilton, Chris Ross, Mr. E. G. Phillips, M.B.A., M.C., Major S. E. Duff, M.C., and Mr. W. G. D. H. Nicol.

There is a London advisory committee consisting of Sir Harold Bellamy (Chairman), Mr. Stanley Adlard, Mr. R. Stuart Edwards, R. Leslie, and Mr. G. H. Mullins.

### Foreign Investment

The object of the society is to provide facilities in East Africa for the purchase of ownership in the lines which have been so successful in this country, the United States, and other parts of the Commonwealth. The initiative in East Africa was taken by Mr. Chris Ross, now of Dar-es-Salaam, who was for many years identified with housing association work in the Midlands in the United Kingdom.

Sir Harold Bellamy is chairman of the African National Building Society and, as former president of the International Building Societies Union, is acting in a purely personal capacity.

Mr. Adlard is an authority of wide experience. Mr. Duff has been connected with a well-known finance house in the City and Mr. Mullins is chairman of the Lambeth Building Society and a former manager of the Pearl Assurance Company.

Mr. Leslie is the well-known Dar-es-Salaam accountant, auditor, and partner in the firm of Messrs. Brox, Seax & Company.

### Enemy Competition

TRADE IN NORTHERN RHODESIA and the Belgian Congo have recently received from a firm in Solingen, Germany, a comprehensive range of samples of bench knives and scissors, with the information that if any duty were charged on the samples, which were well mounted and packed, it would be refunded if orders were placed. The prices of the goods are such that Rhodesian manufacturers and traders consider they must be subsidized, even above the low level of German wages. Manufacturers in Bulawayo are rather the more to discuss the growing threat of competition from ex-enemy countries. It was stated that Japanese-made handknives are already being offered to traders in the Congo at a dozen.

### Cereal Yields

LAST SEASON'S average yields of cereals in Kenya from non-native production were 5.09 bags of 200 lb. per acre of wheat, 1.87 bags of maize, 6.81 bags of barley, and 6.48 bags of oats. Total outputs were 1,014,402 bags of wheat, 1,035,882 bags of maize (including 200,000), 32,888 bags of barley, and 250,214 bags of oats. The grand total of cereals was 2,579,126 bags. The grand total with estimates amount to 2,579,126 bags.

### £250,000 Hotel

EAST AFRICA AND RHODESIA is able to state that a project for the building of a hotel in Dar-es-Salaam with approximately 100 rooms and costing about £250,000 is under consideration. Much, if not all, of the requisite capital is expected to be raised in East Africa.

## Kettles, Hov and Tysons

W. H. B. & Co., Ltd. and 11, Mombasa, Kampala, Dar-es-Salaam, Zanzibar.

- Importers and Exporters
- Clearing and Forwarding Agents
- Mechanical and Electrical Engineers
- Manufacturers Representatives

London Correspondent: Alex. Lawrie & Co. Ltd. 5, Abchurch Lane, E.C. 4, London, E.C.





## Rhodesia Mineral Rights

### Chartered Company Statement

DR DOUGAL MALCOLM, president of the British South Africa Company, issued to the stockholders on Thursday last a written letter on the subject of the agreement recently made in connection with the Chartered Company's mineral rights in Northern Rhodesia.

Having received in full the statement issued by the Secretary of State for the Colonies on August 10, Sir Dougal Malcolm wrote:

"The terms of agreement involve substantial abatement by the Company of the plenitude of its legal mineral rights which, as they now exist, are rights in perpetuity.

But the directors cannot conceal from themselves or from stockholders the fact that, though in perpetuity have been and are and would be in the future in increasing measure to be threatened by political attack, the force of which it is now becoming very difficult and more awkward having regard to the trend of political developments in the Colonies territories, be impossible for H.M. Government to resist. In the judgment of the directors and in the course of the discussions which have taken place, an assured position for 37 years from October-next is greatly preferable to the continuance for the time being, which might be short of a politically vulnerable legal right in perpetuity.

### Possibilities of Future Action

Further, it emerged from the recent discussions that, if these had broken down and had resulted in no agreement, a measure of taxation would be imposed on the company's receipts from its mineral revenues, and in particular from royalties.

"The directors felt that they would have reason to apprehend that such taxation would be likely to be more burdensome than the 20% payment allowed as an expense for the purposes of Northern Rhodesian income tax, envisaged in paragraph 2 (b) of the heads of agreement, and that such a measure of taxation (which paragraph 2 (d) prohibits) would have been no bar to a continued or even strengthened political attack on the company's mineral rights in themselves.

"Although it is not for me to attempt to predict, or to say so when there is no firm constitutional development in Northern Rhodesia in the course of the next 37 years, would give rise to a local government responsible to local electorate full control over the internal affairs of the territory, it is evident that if such development did take place, a new situation would be created.

"In that event, whatever protection for its existing legal rights the company might have hoped to enjoy so long as H.M. Secretary of State for the Colonies remains responsible for the actions of the Northern Rhodesia Government and Legislature, that protection would disappear in default of any arrangement about the matter in advance. For then, to meet the new Government and the British South Africa Company there would be no possibility of any such arrangement as there is today between the Company and the Government, represented for this purpose by the Secretary of State. The same position, in this position is afforded, for the 37 years, by barrier of the heads of agreement.

"In the light of the foregoing considerations, the directors still to consider when the existing rights, meeting for the purpose, which on the latter part have had to be made, leaving stockholders to give their approval to a formal agreement, as the lines indicated in the belief that for the very considerable period of 37 years it will secure to them unimpeded enjoyment of the right under it, in harmonious relations alike with the local Government in Northern Rhodesia and with H.M. Government at home.

### Vermiculite

New 100-ton production machinery for milling and screening has been installed by the Salisbury Company mining vermiculite in Southern Rhodesia in order to accelerate shipments to the U.S.A. The process is a valuable one, the standards required by the U.S. Government. Although the output of vermiculite production in the Colony last year was 500 tons, this year it has been stated that the deposits may prove to be the most extensive in the world. The first consignment for America, one of 200 tons, left Beira a few days ago.

## Mufubra and Roan Antelope

### Profits Running into Millions

MUFUBRA COPPER MINING LTD. report that production of blister copper for the year ended June 30 last amounted to 70,966 long tons. The estimated operating surplus is £4,800,500, and the estimated profit before providing for taxation and subject to such transfers as may be determined by the Board, may be £3,417,500.

Production by ROAN ANTLOPE COPPER MINING for the same period was 56,162 long tons of blister copper, with an operating surplus of £2,805,500 and profit subject to taxation of £2,237,000.

### Company Progress Reports

At Mufubra & Rhosicann, a working profit of £252 was earned at Vubachikwe mine in July by the crushing of 3,000 tons of ore. Main shaft, 7th level, has 27 in. winze 6 ft. 5 dw. over 50 in.; No. 2 S. winze 4 ft. 2 in. dw. over 49 in.; 8th level main drive No. 11 46 ft. 1 dw. over 66 in. Vubachikwe shaft, 5th level, main drive No. 24 1 ft. 10 in. reef. Main shaft sunk 23 ft. to 98 ft.

Tanganyika Diamond, Almasi mine, 1947 results, 24,079 loads of different ground treated, 1,000,000 carats, equal to weights of 1,000 carats per 100 lbs. Included were the following sized stones: 1000-1000, 1120, 1105, and 1035 carats. Loss of 1000 was due to re-assessment and recalculation on final realization. March and June quarters 2530 and 2135 carats respectively.

### Mining Personnel

Mr. W. D. LESLIE, ASSOCIATED MINING CONSULTANTS, Salisbury, Southern Rhodesia, on transfer to Swaziland.

MAJOR GENERAL W. W. RICHARDS will assume the role of the late H. G. Latilla in the group of mining companies with which he was associated, including all chairmanships and other directorial positions.

### Radio-Active Mineral Prospecting

SEVENTEEN SPECIAL LICENSES to prospect for radio-active minerals have so far been granted in Tanganyika.

**HOW TO BUY FOR INDUSTRY!**

**KENYA AND TANGANYIKA**

What have you available in your area?

Before placing a factory order or installing power appliances, raise your proposals to one of our Company offices. Special tariffs are obtained for large consumers. Very favourable terms can be offered to aid growth in the Tanganyikas.

**SYSTEMS in Kenya:** 110 volts, wire 50 volts, 45 and 1,200 volts.

**in Tanganyika:** 23 phase, wire 50 volts, 200 and 200 volts, or 440 and 230 volt Direct Current.

OFFICES IN EAST AFRICA

**East African Power & Lighting Co. Ltd.**

Kilindi, Nairobi, Mombasa, Nakuru, Kisumu

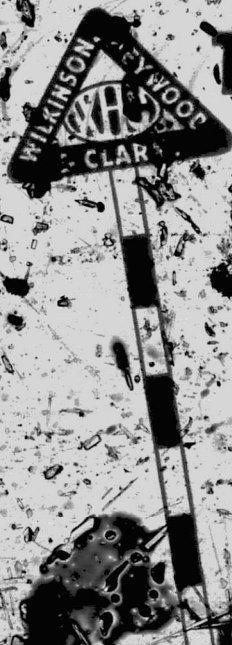
**The Tanganyika Electric Supply Co. Ltd.**

Dar es Salaam, Tanga, Zanzibar, Pemba

**The Star of Salsam & East Electric Supply Co. Ltd.**

Dar es Salaam, Tanga, Zanzibar, Pemba

LONDON OFFICE, 66, Old Broad Street, E.C. 4



# THE SAFETY MARK

which ensures complete satisfaction

W.H.C. decorative materials cover all requirements of the modern decorator. A wide range of materials like the range of shades, is wide and comprehensive. Flat Wall Paints, Oil Bound Distempers, Gloss Paints, Varnishes, Oil Polish Stains, etc. In the adjoining column are listed a few of the well-known W.H.C. decorative specialties.

## FALCON BRAND

## SYNCOLO

Oil Bound Washable Distemper. Available in a variety of pleasing colours. Oil bound distemper. A simple, durable and washable.

## BELL BRAND

DURABLE GLOSS PAINT. In this class, this paint is second to none for durability, high gloss and ease of application.

## THREE LEGS BRAND

READY MIXED OIL GLOSS PAINT. Suitable ready for use, on wood, stone, and iron surfaces. This material is suitable for all types of decorative work.

# WILKINSON, HEYWOOD & CLARK

V. ESTMORLAND ROAD, 27/31 REGENT STREET, LONDON W.1

STANDARDIZE ON

# BRAY

EARTH MOVING EQUIPMENT



## BRAY DOZERS

on All Classes of Road, clearing, heavy work under their own steam.

## BRAY LOADER

loading, clearing, etc. Other jobs in which it is used.

## DEPENDABLE EQUIPMENT

Bray equipment is made for your job - ready for all conditions of peak performance combined with reliability and economy demanded by the progressive operator with a lifetime.

AVAILABLE ON EARLY DELIVERY

W. E. BRAY & CO. LTD.  
JOHN'S ROAD, ISLEWORTH  
MIDDLESEX  
ENGLAND



