# Wileman's Brazilian Review

# A JOURNAL OF TRADE AND FINANCE

PUBLISHED WEEKLY TO CATCH BRITISH MAILS.

VOL. 5

RIO DE JANEIRO, TUESDAY, March 20th, 1917

N. 12

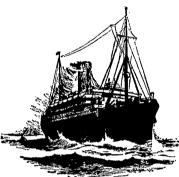
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6.00

7.30

8.30

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- 6.30 Express-Campos, Miracema, Itapemirim, Porciuncula and branch lines, daily.
- 7.00 Express-Friburgo, Cantagallo, Macuco and Portella, daily.
- 7.45 Mixed-Macahé, Tuesdays, Thursdays and Saturdays.
- 9.40-Mixed-Friburgo and Cantagallo, Mondays, Wednesdays and Fridays.
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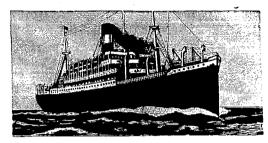
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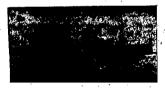
Telephone No. 47 -- RIO DE JANEIRO -- P. O. BOX 34 Santos.-F. S. HAMPSHIRE & Co. Ltd., P. O. B. 10.-São Paulo-F. S. HAMPSHIRE & Co. Ltd., P. O. B. 32 Bahia - F. BENN & Co.

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# Wileman's Brazilian Review

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VOL. 5

RIO DE JANEIRO, TUESDAY, March 20th, 1917

As a

No. 12

# THE RIO DE JANEIRO FLOUR MILLS & CRANARIES LIMITED.

Telegrams:

General Telephone: 1450 Norte

Post Office Pox

"EPIDERMIS".

Sales depart ment 165

No. 486

Flour Mills: Rua da Gambôa No. 1

DAILY PRODUCTION: 15,000 BAGS.

Cotton Mill - Rua da Gambôa No 2. -

450 LOOMS.

DAILY PRODUCTION 27.000 METRES.

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BUENOS AIRES. - CALLE 25 DE MAYO 158

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"BRAZILEIRA"

"BUDA-NACIONAL"

"GUARANY"

AND FOR SUPERIORITY HAVE BEEN AWARDED

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First Prize Brazil 1908 First Prize Brussels 1910

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Rio de Janeiro...

Crashley & C., Rua do Ouvidor, No. 38.

São Paulo-

Hildebrand & Co., Rua 15 de Novembro.

G. Street & Co., Ltd., 30 Cornhill. E.C.

## OFFICIAL NOTICE.

The Foreign Office announces that, after 1st September next no person over 15 years of age may land in Australia from any foreign country unless in possession of a passport bearing the visa of a British Consular Officer in that country.

British Consulate Ceneral,

Rio de Janeiro, 24th August, 1916.

# LAVOURA E CRIAÇÃO

A WEEKLY REVIEW OF ACRICULTURE IN BRAZIL.

Directors: Drs Augusto Rames, Eduardo Cotrim and Fernando Weineck.

Annual Subscription- 198000

Which must commence in January or July. Advertisements accepted.

OFFICES-RUA DO CARMO 66, 1st Floor, Room 6

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RIO DE JANEIRO, BRAZIL.

## NEW PASSPORT RECULATIONS.

All British passports issued prior to the 5th of August, 1914, became invalid on the 1st of August, 1915. Holders of such passports should apply at their convenience for fresh passports from this office.

With regard to passports issued between the 5th of August, 1914, and 28th of February, 1915, it has been decided that they may be regarded as valid for 2 years from the date of issue and holders of any such passports should present them to this office for endorsement to that effect.

Wife and children under 16 years of age may be included on the holder's passport.

Under the new regulations, passports must bear the photograph of the holder, and of the wife, if included in the passport. Photographs must be supplied in duplicate to this office by applicants for passports.

British Consulate Ceneral, 30th August, 1915.

#### WILEMAN'S BRAZILIAN REVIEW.

All communications to be addressed to the Editor.

Announcements of Births, Deaths and Marriages concerning Subscribers and Friends are inserted in the Review free of charge. Scale of Charges for Advertisaments in Ordinary Positions.

POSITIONS						
	52 inserts	26 inserts	18 inserts	6 inserts	4 inserts	Single
	per ins.	per ins.	per ins.	per ins.	per ins.	per ins.
One Page	£8 5 0	3 10 0	400	$^{-4}$ 7 6	<u>4</u> 15 0	500
Half Page	1 12 6	1 15 0	$2 \ 0 \ 0$	250	276	2 10 0
Third Page	1 2 6	150	176	1 10 0	1 12 6	1 15 0
Quarter Page.	17 6	18 6	100	$1 \ 2 \ 6$	189	150
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1/2"x4"	19	2 0	2 3	26	29	3 0

13 or 6 innsertions are quoted for upon the understanding that the Advertisement appears at least once a month. The 52 and 26 rates are for Consecutive Insertions.

The Roll of Honour. We should be giad if the friends and relations of men at the front would inform us of any casualty—killed, wounded or missing—in order that The Roll of Honour may be kept up to date.

#### NOTICE TO BRITISH SUBJECTS.

#### MILITARY SERVICE.

In accordance with the instructions of His Majesty's Minister at Rio de Janeiro, the following further explanations regarding the notice issued by this Consulate General on 16th December, 1916, are brought to the attention of British subjects.

All English speaking British subjects between the ages of .8 and 41 inclusive, who are willing to serve when called upon, but have not registered themselves, should do so without delay irrespective of the question whether the interests of British commerce will allow them to leave their present employments.

All men registered who have not yet passed a medical examination should do so immediately.

Men who satisfy the doctor as to their fitness will then be divided into three classes:

- 1. Men who can be spared and can go immediately when called.
- Men who can be spared, but who cannot undertake to start immediately when called.
- 3. Men who cannot be spared at all from their present employment.

All employees of British firms and companies who are declared fit should notify their employers of the fact, and such employers are then requested to communicate to me at once their views as to which men can be spared from their present employment.

F. E. Drummond-Hay,

Acting British Consul General.

British Consulate General, Rio de Janeiro. 13th January, 1917.

# NOTICE TO BRITISH SUBJECTS.

The attention of all British subjects is called to a proclamation issued by His Majesty the King, commanding that all British subjects shall, without delay, register a return of all property belonging to them in the territory of any of the Powers at war with Great Britain.

The word "property" is to be interpreted in its widest sense, and covers securities of enemy Governments, States, Municipalities,

or industrial concerns; capital invested, trade stocks, copyrights, concessions, cargoes on enemy ships, personal effects, etc. Securities must be registered no matter where the documentary evidence of title may be at present deposited.

Further information, together with the necessary forms for registration may be had either by personal application or by written request to this Consulate General.

F. E. Drummond-Hay, Acting British Consul General.

British Consulate General, Rio de Janeiro. 3rd January, 1916.

Note.—H. B. M. Consul General wishes to urge upon the British community the fact that they are not at liberty to ignore their claims, even though these be considered of small importance or value, but that it is their duty to obey the King's commands, which have been issued in the interests of His realm.

# MAIL FIXTURES

FOR EUROPE.

Mar. 27.—ARAGUAYA, Royal Mail, for Liverpool. 30.—DESEADO, Royal Mail, for Liverpool. Apl. 13.—DARRO, Royal Mail, for Liverpool.

## FOR RIVER PLATE AND PACIFIC.

Mar. 22.—TENNYSON, Lamport and Holt, for R.ver Plate.
, 27.—DARRO, Royal Mail, for River Plate.
Mar. 28.—ORITA, P.S.N.C., for River Plate and Pacific.
Apl. 10.—AMAZON, Royal Mail, for R.ver Plate

## FOR THE UNITED STATES.

April. 3. VERDI, Lamport and Holt, for New York.

#### COSLING.

If Charles Gosling, formerly of Farnham, Surrey, England, butcher, will apply to the undersigned, he will hear of something to his advantage.

HOLLEST, MASON & NASH,

Farnham, Surrey, England. Solicitors.

# NOTES

# LADY BURCHCLERE'S PRISONERS OF WAR FUND.

Donations Received up to March 17th, 1917.

•	
Previously acknowledged	9:755\$700
J. P. Wileman, 6th contribution	25 \$ 000
H. F. Wileman, 6th contribution	
Miss V. G. Wileman	
Miss Lola Wileman	10\$000
Miss C. V. Wileman	10\$000

Rs. 9.830\$700

Subscribers are requested to make drafts or cheques for the above Fund payable to the Loudon and Brazilian Bank, Ltd., to Mr. F. S. Pryor or Mr. J. P. Wileman.

Remittance. The sum of £5 was remitted per s.s. Ortega for Lady Burghelere's Fund, making the total to date £445 16s. ld.

(To the Editor of the 'Spectator.')

Sir,—The encouragement accorded to my Prisoners' Fund—Lady Burghelere's Prisoners' Fund—by the readers of the "Spectator" emboldens me to address you on the effect that the arrangements of the New Central Committee for Prisoners will have on our work. It is a great mistake to suppose that the appointment of the new Central Committee puts an end to the need for personal effort. On the contrary, the Committee are most anxions to keep the actual Association, which have done good service, in being, and they have begged us in particular to relax nothing of our efforts. It is an error to presume that there is a new, inexhaustible supply of money on which to draw and the Committee look to the Prisoners Fund to "carry on".

Meanwhile, the cost of the standardized parcels per man has been fixed at 36s, a month and 7s, monthly for bread. This has more than doubled the expenses of our Fund. The men have come to look on our Association not merely as a machine to grind out food and clothes for them, but as a Friend—"the Aunt" as they have dubbed us! In the terrible isolation of German camp life we cannot afford to disregard any human link, however humble. Men cannot live by bread alone—even the best bread from Berne. "Tommy" has come to regard "Annt" as at once his breadwinner, his special correspondent, and a general "Inquire Within" for his mother, wife and sisters. Indeed, for the sake of the families often such brave, pathetic folk—it would be almost equally to be regretted if the personal were transformed into an impersonal connexion.

The Fund or "Aunt" - call it which you will - is quite accustomed to asked to write "a good cheering letter to my wife, a really noble woman I should like you to know." A distinctly more embarrassing request is. "Write me a really interesting letter from time to time"! In fact, given the prejudices of German censors, I must own that I prefer my actual task of inditing fifteen hundred Christmas posteards to our soldiers to bid them be of good. cheer, and as they themselves say, to "keep smiling till the end." How increasingly difficult it is for the men to live up to this standard of heroic cheerfulness all our reports prove. "There is many a man who deserves the V.C. for his refusal to handle ammunition," an escaped prisoner writes. And "le cafard," as the French "poilu" calls the penetrating, destructive camp-melancholy, is a trial hardly less terrible than gross brutality. "I often look out for that 'silver lining' to the cloud," one poor fellow writes, "but when I rose this meening even the sun, our only friend, had deserted us. And it does seem such ages ago since I came here, no news, and not within miles of civilisation; it does seem a bit trying to the nerves; don't you think so?" Yet this same man was too true to his code, too good a gentleman, let us say, to leave me under a final impression of despair. "Well, he ends, "I have thought many a time that I would rather God choose (sie) me some other path than this. I have wender (sie) why I had to take this way, but I suppose He choose it for the best . . and it will be well in the emi,"

Sir, last Christmas when I reported all that your readers had done for the prisoners, a captive N.C.O. wrote that such an assurance of sympathy from the Heme Country "was worch ten parcels"! If once again these kind helpers will assist me to keep the men on the Fund, to care for the lads' "physical and mental needs"—as the new regulation runs—I can nonestly assure them that they will have carred the whole-hearted gratitude of the prisoners. In conclusion, I should add that the Fund is in process of being registered, that my accounts are being audited, and that I hope to submit an account of the work accomplished to my subscribers. All donations small and great will be thankfully and personally acknowledged if addressed to me—Lady Burghelere, 48 Charles St., London, W.—and marked "Prisoners' Fund."—I am, Sir, etc.,

Winnifred Burghelere.

(No words of ours can possibly increase the poignancy of Lady) Burgbelere's appeal. The cry of the prisoners here is not a cry but a Psalm for Ged and the Motherland—a Psalm rolled to wintry, skies by the Knights of the unconquerable mind.—Ed. (Spectator.')

Sir Arthur Peel. Whether it be that F.O. methods tended to suffocate initiative or that the war has afforded H.B.M.'s representatives peculiar opportunities for its development, the manner in which the complicated series of measures designed for the distinction of the enemy's and stimulation of our own overseas trade have been put into practice, reflects the greatest credit on the Foreign Office in general, but on no one more than H.B.M.'s representative in this country, where the intricate measures arising out of the blockade and the blacklist have been carried through almost without a hitch, thanks to Mr., now Sir, Arthur Peei's faculty for happy selection of his instruments—official and unofficial—and their adaptation to the ends in view.

In congratulating Sir Arthur Peel on the distinction conferred by His Majesty, we but express the satisfaction felt by the whole British community that, at so critical a moment in the affairs of our country, its representation should be in such competent hands.

A Federação Maritima. That belligerents should be willing to risk their lives and all they possess in defence of their country and its interests is only natural. Put that neutrals should be just as ready would be incomprehensible, except for the stimulus of gain and adventure!

Whilst freights have risen enormously and - enriched neutral shipowners, the wages of the scafaring classes in this country have not risen in proportion to the risks of those employed in the danger rone.

One national company has, it is true, undertaken the insurance of the lives of its crews, but so far no other seems to have followed its example.

The Federação Maritima is an association for vindication of the interests of the scalaring classes in this country and its attitude with regard to the prohibition of traffic in Brazilian vessels with the interdicted zone it has solicited but logical consequences of lack of solidarity between owners and crews.

Pay the men well and insure their lives adequately in the interests of their families and there will be no lack of hands for the Brazilian mercantile marine.

But however the President may sympathise with the ideals of the Federação, he is powerless to intervene or either to forbid owners from risking their vessels or crews from endangering their lives if they choose.

The Brazilian Constitution guarantees absolute liberty to the subject to do or to leave undone any or everything not specifically forbidden by law.

The right to trade with the danger zone is as indisputable as is the right of crews to refuse to risk their lives in such a trade. So long as a state of war is not declared, no one in this country can be compelled to risk their lives or, what is worse, the subsistence of their families.

So the sooner masters and men get together and agree on a scheme for sharing the profits of this lucrative trade, the better for all concerned!

The Adverse Trade Balance, said Sir Felix Schuster, the Governor of the Union of London and Smiths Bank, threatens Britain's whole economic position and demands the sacrifice of all imports not absolutely indispensable. He estimates that £350,000,000 worth of American securities have been sold since the outbreak of war, which have been replaced in large measure by loans to the Allies. After the war all efforts must be directed to development of our industries to enable them to compete in all markets of the world. The country's foreign trade has maintained itself very well, but the adverse balance of trade is staggoring and one of the most serious and urgent of all questions; which may entail considerable sacrifices on the part of the community.

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Dr. Nilo Pecanha is a candidate for the presidency and so has to keep up his reputation for statesmanship in financial markets. He is fortunate in having almost alone amongst the fourteen different satrapcies that go to make up the Brazilian "Republic" in enjoying "a good foreign press"—why we will not enquire. But commenting on the payment of the April coupon by the State of Rio de Janeiro. "The Temps" presents Dr. Nilo's administration as a model for others to follow; overlooking the fact that it is largely to the extravagant railway guarantees granted during his short tenure of the presidency of Brazil that the unhappy financial position of this country is due.

Prohibition of Imports. At a diplomatic reception at the Brazilian Foreign Office, the Italian Minister is said to have stated that there was no intention on the part of his Government to follow England's example. The prohibition of imports is purely an economic measure that aims at reducing the unfavourable balance of trade, and though both France and Italy are certain to enforce the same palicy, the manner in which the readjustment will be attained will of course be left to the judgment of the respective Allied country. The United Kingdom has no great use for coffee, whilst stocks are sufficient for several years' consumption.

In France, inclusive of valorisation coffees, stocks would last for about a year, but exclusive only for six months. Unless valorisation coffees could be definitely counted on, prohibition of imports would scarcely be worth while.

Italy has a consumption of about 700,000 bags per annum. No information is available as regards stocks, but they are not likely to be considerable nor imports, therefore, likely to be prohibited.

Brazilian Traction, Light and Power. The directors of the Brazilian Traction, Light and Power Co., Ltd., have declared a dividend of 1 per cent. on the issued ordinary capital stock, payable on March 1st to all shareholders recorded at the close of business on £1 January.

Commenting on this announcement, London papers congratulate the company on the maintenance of dividends in spite of all the croaking. But it is well not to shout before one is out of the wood, and, if the latest telegrams are to be trusted, to the effect that the prohibition of imports not only of coffee, but of many other of our products, is for the future to be a feature of the Allies' economic policy, the moment seems fast approaching when, unless radical steps are taken to prevent it, exchange will drop quite possibly to a point that may make further payment of dividends impracticable to Traction or any other foreign concern. If things are allowed to drift and no attempt be made to keep the demand for bills on a par with the supply, depreciation may take portentuous proportions.

It would be surprising, were it not proverbial that Brazilian financial vision is limited to the length of the nose, that so far none of our quidhumes should have perceived that the most certain way to restore economic equilibrium would be to imitate the Allies and place restrictions on imports of all luxuries and sinessentials, whilst fixing the price of home produce and manufactures for the duration of the war.

Should that not suffice, a monopoly of exchange might be created and the distribution of bills be entrusted to a committee composed of representatives of the exchange banks and the Treasury.

Exchange, after all, is but a matter of supply and demand like everything else, and if the supply can be artificially restricted so can the demand be likewise.

In fact, so long as the war lasts and economic conditions are abnormal, all that has to be done in order to issue paper money with impunity for maintenance of prices of exports and of exchange as proposed, is to balance the demand for bills of exchange with their supply.

The crisis would come in any case, but after the war, when economic conditions in other countries had been normalised and Brazil had to face the dileimma of retaining prohibitory tariffs, and so postponing development indefinitely, or submitting to further and perhaps still more ruinous depreciation of the currency and foreign exchanges!

Preparing for War in the United States. A bill will shortly be submitted to Congress granting authorisation to requisition vessels and shipping property for public services and the exercise of the right of "ominent domain" over privately owned American and foreign vessels temporarily within the sovereign jurisdiction of the United States. This right was exercised by Italy without provoking a declaration of war by Germany, nor could Germany, unless she deliberately intended to provoke a declaration of war, interpret such an act on the part of the U.S. or Brzail as an order for all foreign vessels within American jurisdiction to leave port after a given date and so, in the case of German vessels, to face certain capture outside, unless the wrecking of the engines made departure impossible. In that case all difficulties would disappear as the steamers in the U.S. could easily be repaired within a few weeks.

The crews of German ships have not so far been interned, but though the U.S. may grant the crews of German merchantmen the privilege of sheltering themselves on board their ships, there would, thinks "Shipping Hiustrated," be no departure from precedent were these interned in case their presence aboard should menace the peace of the United States.

Sick of legislative obstruction when the People's mandate is so unmistakable, and of legal quibbles as to rights of armed neutral merchantmen to fire on a submarine or wait to be sunk, the President has acted with the vigour of a man who, having at last made up his mind, is not to be moved from it, and has not only ordered American merchantmen to be armed by American arsenals, but placed forces aboard to defend them!

German submarines, declares Mr. Wilson, are pirates, and may be sunk at sight.

But what a lot of loss and suffering it might have saved had Mr. Wilson reached so palpable a conclusion two years ago, when the Lusitania with 100 Americans was sent to their doom!

For all that the war would not have been over nor the military situation much altered, but things that have happened might never have been and Peace would be nearer.

War now hangs on an accident—whether a German submarine sinks an American merchant vessel or the American sinks the submarine:

A Distinction without a Difference. Germany warns neutrals that if they carry no guns they are liable to be sunk without warning and if they do to be submarined!

Argentine Finances. (From "The Times of Argentina," of 12 February). At the time of going to press the Argentine Congress had not finished discussion of the so-called Comolidation Loan, although the proposed authorisation of \$235,000,000 gold had been accepted in general and was in process of being hacked to pieces in particular. It had been thought that the expected participation of the United States in the great war would close down that financial market, but it is evident that such has not been the case as the Minister of Finance has declared that a U.S. syndicate has offered up to \$100,000,000 on certain terms and stipulations. At the same time it was reported that the Halfgarten loan of \$18,500,000 American gold falling due on Feb. 21 had been renewed, so that it is clear that the Yankee financers do not think that the time has come to keep their money in their own country. The following are the loans which mature during the current year:—

Bankers	Amount	Maturity
National City Bank of New York \$ m/n	.5,000.000	Jan. 19, 1917
Hallgarten & Co. Banco Germanico de la America del Sud)	18,500,000 5,000,000 2,500,000 5,000,000 2,500,000 5,000,000 2,500,000 16,800,000	Feb. 21, 1917 Feb. 27, 1917 Mar. 3, 1917 Mar. 7, 1917 Mar 14, 1917 Mar. 27, 1917 Mar. 19, 1917 July 15, 1917

Total ...... \$ m/n 154,547,013

It seems to us that the government should be able to obtain all this sum in the country itself, for there is no doubt that the banks are greatly overstocked, whilst the whole cry is for good security. At any rate, it would be wise to attempt something of this sort, for it is high time that the Argentine investor were shown the path in which he should walk. Far too few of our government bonds are held in this country and it seems to us that the present is a propitious time to attempt a transformation. We append the short boars that mature in 1920: Baring Bros & Co., Ltd., £5,000,000, 15th May, 1920: National City Bank, \$25,000,000 U.S, 15th May, 1920.

From what we can gather from the mass of figures which have been placed before Congress there has been no urgent necessity for authority for more than \$100,000,000 gold to carry out all the consolidation of short loans.

.. Frozen Meat. Exports for the first two months of the current year were as follows ---

year were as ionous.	Tons o	of-1,000k.	Value	f.o.b. €
	1916	1917	1916	1917
January	1,179	6.053	44,578	269,953
February	1,798	8,973	62,333	397,747
-	2,977	14.926	106,911	662,700
Monthly av. 12 mos., 1916	2,805	_	117,834	

So far, though the average quantity shipped is 5.8 per cent, over last year's average, average f.o.b. value is 9.3 per cent, under last year's, at which rate export for the whole current year would yield £1,281,498, as against £1,414,000 for 1916.

Of the total exports for the two months, 14,170 tons were for Italian consumption, 665 tons for British and 91 tons for U.S., 8,954 tons being from Rio de Janeiro and 5,972 from Santos.

South American Meat Exports. (From the "Review of the River Plate.") A lengthy, interesting and in parts controversial lecture was delivered at the headquarters of the Argentine Rural Society, by Senor Alberto J. Escalada, a leading authority on the Argentine livestock industry in all its branches. The lecturer holds and elaborates the theory that a serious decline has occurred in the Argentine cattle population during the past eight years, his estimate of the stock to-day being between 22 and 23 million head of cattle, as against the 29 million odd shown by the National Census of 1908. Sr. Escalada is a very militant propagandist of his theories: more than willing to break a lance with the Argentine governing authorities, with Great Britain, with the United States, or indeed with any entity, personal or national, whom he considers to stand in the light of the Argentine live-stock industry.

One of the side issues raised by Sr Escalada is of particular interest in these days when the sources of the world's meat supply are rightly attracting much attention. Sr. Escalada is strongly of opinion that Argentina's supremacy as a meat producing country will within a very short time be contested by Brazil, which country he regards as likely to prove a most formidable and serious competitor. We quote: "Brazil is the only country in the world which presents the phenomenon of a cattle increase double the proportion of the increase in population, her 31 million head of cattle giving her (numerically) the first place in this respect amongst South American nations" "That country has four frigorifices in active working in the State of S. Paulo; one in construction and two projected in Rio Grande; six meat extract and preserved meat factories and 26 salderos, and it slaughtered last year the same quantity of cattle as Argentine. Brazil has commenced her foreign export trade in 1914 with 1,400 tons: 8,000 tons in 1915 and 40,000 tons in what has gone of the present year. Certain of these shipments, sold on the London market in competition with the Argentine article, have realised one cent per pound more than Sr. Escalada further emphasises the fact that there are in Brazil a considerable number of frigorific railway wagons for the transport of meat to the ports and that there exists a Brazilian fleet of steamers fitted with refrigerating chambers. Also that in the State of Minas there is already a model frigorific slaughtering establishment with others projected. Finally that legislation has

been put into force regulating and restricting the slaughter of cows.

In this connection, the following paragraph taken from a recent issue o "Cold Storage" is of interest: "Brazilian meat habeen quite a prominent feature on the London and Liverpool markets at frequent intervals of late, and the total exports of frozen and chilled meat from this South American Republic this year have well exceeded 6.000 tons, a very big advance on last year's record. The largest single shipment of chilled beef yet arriving from Brazili came to hand on the 20th ult., on the s.s. Amazon, which carried 250 tons of beef from the Companian Mechanica works at Barretos. The meat made very good prices, showing not only excellent condition, but that useful quality of medium-sized plump quarters which are a remarked feature of Brazilian arrivals."

Quite recently we hear that the Swift Company have decided to erect a freezing establishment at Rio Grande do Sul, on land reclaimed from the sea by the Cie. Francaise du Port de Rio Grande do Sul. Till lately the bar at the entrance of the port of Rio Grande has constituted an obstacle in the way of direct oversea navigation. The French company referred to, however, has carried out dredging works and is to maintain a channel of 33 feet depth from the port to the ocean which will permit practically any steamer to enter or leave the port at any time. Our information is that a contract for th lease of a site has just been signed in Paris between a representative of the Swift Company of Chicago and the Cie Française above mentioned and that the establishment will be erected and in operation by the end of 1917. We also hear that the Armour Company (also of Chicago) are interested in the erection of a frigorifico at Pelotas and that a representative of the company has gone there to make the preliminary arrangements. We mentioned in a recent issue that the Union Cold Storage Company were erecting a folgorifico at Mendes in the State of Rio de-Janeiro.

.. Where are those Submarines? There has been a good deal of mystery in these last few months about the appearance and disappearance of those prowling submarines. It is difficult to get authentic information about their movements and their whereabouts, except when they succeed in sending trading vessels of some sort to the bottom of the ocean. Neither side in control of war news seems to have any objection to having that known. One evidently wishes to have it blazoned abroad for the effect of "frightfulness," and the other has no objection as it is likely to burt the perpetrator more than the victim. Both may have motives for not making known what becomes of the submarines between whiles. If they are being captured or destroyed the side that is using them will not admit it, and the other side will not want to have it known so as to lessen the chance of continuing to put them out of commission. It is an intersting tale which an engineer of the Mongolia of the Atlantic Transport Line is reported to have brought over with him from the English harbour of Plymouth. According to the report he saw a number of captured submarines at that port, including the Deutschland, and learned a good deal about the extent of captures. He is said to have learned that 400 of those evil-eyed Prussian mousters had been captured by the British since the war began, and 187 of them were at Plymouth chained together and surrounded by a network of chains, buoys and wharves. He was sure that Captain Koenig and his crew are prisoners in England. There is a good deal of circumstantial evidence as this. One item of it is the serene confidence with which the British naval officers have appeared to receive the announcement of the terrible ouslaught to be made in that zone off their shores. Another is the desperate uneasiness which is displayed by the other side, while the world waits for what is going. to happen.-New York "Journal of Commerce," 19 Feb.

# THE BLACKLIST CORRECTED.

# Latest Additions and Removals in Black Type.

July 15, 1916 Achim & Co. (branch of Arp & Co.) Joinville.
June 8, 1916 Ahrns, Eduardo, Rua dos Algibebes, Bahia.
Dec. 9, 1916 Andrade, Marcelino de, Santos.
Aug. 8, 1916 Andrade Pinto, Ernesto, Bahia.

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Nov. 10, 1916

May 18, 1916 Deffner & Co., G., Manaos July 15, 1916 Demarchi & Co., Uruguayana.

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July 15, 1916 Angelino Simões & Co., fruit importers, Rio de
                 Janeiro
Sept. 9, 1916
               Ao Cylindro, Porto Alegre.
Aug. 8, 1916
                Araujo & Boavista, Rio de Janeiro.
June 8, 1916
               Armazens Andressen, Soc. Anon., Manaos.
Mar. 24, 1916
                Arp & Co., Rua do Ouvidor 102, Rio de Janeiro.
                                                                    Nov. 10, 1916
               Baasch, Hermann, Rio de Janeiro.
Jan. 5, 1917
Jan. 5, 1917
               Bahlmann, John, Rio de Janeiro.
                                                                     Jan. 22, 1917
               Banco Allemao Transatlantico.
July 15, 1916
July 15, 1916
                Banco Germanico da America do Sul.
                                                                     Nov. 10, 1916
               Bandeira, Liuz, Rio de Janeiro.
Feb. 16, 1917
                                                                     Aug. 22, 1916.
                Barza & Co., Pernambuco.
Apr. 14, 1916
                                                                     Jan. 22, 1917
                Bauer, Walter F., Rio de Janeiro.
Sept. 9, 1916
                                                                     June 8, 1916
                Bayer, Friedrich, & Co., Trav. S. Rita, 22-24, Rio
Mar. 24, 1916
                                                                     July 15, 1916
Nov. 10, 1916
                Beck & Cia., Ernesto, Florianopolis.
                Behrmann & C., Rua das Princezas, Bahia.
Mar. 24, 1916
                                                                     June `8, 1916
                Bellingrodt & Meyer, Rua S. Pedro 70, Rio
Mar. 24, 1916
                                                                     Mar. 24, 1916
                Bercht Brothers, dry goods importers, P. Alegre.
                                                                     Mar. 24, 1916
 July 15, 1916
Mar. 24, 1916
                Berringer & Co., Para
                                                                     Jan. 22, 1917
                Beuster Lima & Co., P. M., Porto Alegre.
Feb. 16, 1917
                                                                     Jan. 22, 1917
June 8, 1916 Bezold, Otto, Ceara.
                                                                     Mar. 3, 1917
Sept. 9, 1916 Bier, F. G., & Co., Porto Alegre.
June 8 1916 Bluhm, Bernhard, Rua 28 de Julho, S. Luiz,
                                                                                     Janeiro.
                                                                     Aug. 8, 1916
            Maranhão.
                Bockmann, A., & Co., Rua do Apollo 28, P'buco
Mar. 24, 1916
Dec. 9, 1916
               Boehm, Otto, Santa Catharina.
                                                                     Nov. 24, 1916
                Borges, Antonio, Porto Alegre.
                                                                     Aug. 8, 1916
Dec. 9, 1916
 Apr. 14, 1916
                Borstelmann & Co., Pernambuco and Maceio
                                                                     Mar. 16, 1917
                Boschen & Co., Carlos, Rio de Janeiro.
 Feb. 3, 1917
                                                                     Mar. 24, 1916
                Brando, Viuva Carlos, & Co., Florianopolis.
Brasilianische Bank fur Deutschland all branches
       2, 1916
 May
                                                                     Apr. 14, 1916
 July 15, 1916
                                                                     June 8, 1916
                Breithaupt, Victor, & Co., Rua Itororo 8, Santos.
 June 8, 1916
 July 15, 1916
                 Bromberg Daudt & Co., ironmongers, P. Alegre.
                Bromberg & C., Bahia, Porto Alegre, S. Paulo,
Rio de Janeiro, Santos, and Rio Grande do Sul
 Mar. 24, 1916
                Bromberg, Hacker & Co., Bahia, Porto Alegre,
 Mar. 24, 1916
                                                                      June 8, 1916
                 S. Paulo, Rio de Janeiro, Santos and Rio Grande
                 do Sul.
 Nov. 10, 1916
                Buschmann, C., Rio de Janeiro.
                                                                      June 8, 1916
 July 15, 1916
                Buhle, C., & Co., importers of china and glassware,
                  Porto Alegre and Rio Grande.
                                                                      Mar. 24, 1916
 July 18, 1916
                Campos, José Pinto, Para.
 Aug. 8, 1916
               Campos & Co., Alexandre, Uberaaba, S. Paulo.
                                                                      Feb. 3, 1917
 Nov. 24,1916 Carriconde, Epaminondas, Porto Alegre.
Mar. 24, 1916 Casa Allema (Wagner, Schadlich and Co.,) Rua
                                                                      Jan. 5 1917
                                                                      Sept. 9, 1916
                 15 de Novembro, Santos; Rua Direita 18, S.
                                                                      June 2, 1916
                 Paulo.
                                                                      June 8, 1916
                Casa Lemcke, S. Paulo.
 Nov. 19, 1916
                                                                      Mar. 24, 1916
 Jan. 22, 1917
                Chaves, Gualtero Ribeiro, Para.
                                                                      Aug. 8, 1916
 Nov. 10, 1916
                Chaves, J. P., Santos.
                                                                      Aug. 22, 1916
 Jan. 22, 1917
                Cohen, C., Rio de Janeiro
                                                                      Dec. 9, 1916
 July 15, 1916
                 Companhia Brazileira de Electricidade (Siemans
                                                                      Nov. 10. 1916
                  Schuckert Werks).
                                                                      Jan. 22, 1917
                 Companhia Commercial, Victoria.
 Mar. 24, 1916
                                                                      Aug. 22, 1916
                 Cia. Commercial Mattagrassensa & Boliviana,
 Mar. 16, 1917
                                                                      June 8, 1916
                  Ccrumba
                                                                      Apr. 14, 1916
 Nov. 10, 1916
                 Cia. Industrial de Ribeiro Pires, S. Bernardo
 Nov. 10, 1916
                 Cia. Graphica Rio-Grandense, Porto Alegre,
                                                                      Feb. 3, 1917
                 Cia. Lithographica Hartmann Reichenbach, S
 July 5, 1916
                                                                      Jan. 22, 1917
                  Paulo.
                 Companhia Nacionaal de Café, Santos.
                                                                      July 15, 1916
 Nov. 10, 1916
                 Cia. Sul-Americana de Electricidade (A.E.G.) Rio
 Aug. 8, 1916
                                                                      Feb. 16, 1917
                  de Janeiro.
                Conczy, Porto Alegre.
                                                                      Feb. 3, 1917
 Sept. 9, 1916
                Cooperativa Brazil and its Director, Luiz Gomes,
                                                                      June 8, 1916
 Dec. 23, 1916
                                                                      Mar. 24, 1916
                  Rio de Janeiro.
                 Costa, Rua da Alfandega 60, Rio de Janeiro.
                                                                       Mar. 24, 1916
 Feb. 3, 1917
                                                                       Aug. 22, 1916
                 Costa Almeida, M., Rua do Rosario 17, S. Paulo;
 Mar. 24, 1916
                                                                       June 8, 1916
                  Rio de Janeiro.
                 Da Motta, A. Alves, Para and Rio de Janeiro.
                                                                       Jan. 5, 1917
  Apr. 14, 1916
                                                                       Mar. 24, 1916
  Feb. 16, 1917 Damazio, Guilhermino, Santos.
  Mar. 24, 1916
                 Dannemann & Co., S. Felix, Bahia.
                                                                      L'ec. 8, 1916
                 Dauch & Co., Rua Frei Gaspar 16, Santos.
 Mar. 24, 1916
                 Day (John) Bromberg & Co., Porto Alegre.
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July 18, 1916 Deutsche Sud-Amerikanische Bank Sept. 9, 1916 Deutsch Sudamerikanische Telegaphen Gesells chaft, Rio de Janeiro. Dec. 9, 1916 Deutsche Tageblatt, Rio de Janeiro. July 5, 1916 Deutsche Uebersceische Bank Dias, José Esteves, Para Mar. 24, 1916 Diebold & Co., Rua S. Antonio 56, Santos. Dienstbach & Co., Theodor C., Porto Alegre Mar. 24, 1916 Domschke & Co., Rua das Princezas, Bahia. Drechsler & Cia., Max, Pernambuco Dreher, Edmundo, & Co., Porto Alegre. Dressler & Henkel, Porto Alegre. Eiffler, Bernard, Manaos, Para and Pernambuco. Empreza Graphica Rio-Grandense, (printers of "O Diario"), Porto Alegre. Empreza Hoepcke, Florianopolis, S. Catharina. Engel, Fritz, Rio Grande do Sul. Engelhardt, Carlos, Rio Grande do Sul. Fabrica de Discos Odeon, Rio de Janeiro. Fabrica Metallurgica Allemã, S. Paulo. Fabrica de Roupas Brancas "Cometa," Rio de Ferreira Bastos, Antonio. Bahia. May 18, 1916 Ferreira, José Germano, Rio de Janeiro. Mar. 16, 1917. Figner, Friedrich, (Casa Edison), Rio de Janeiro Figueiredo & C., Leopoldo, Santos. Fischer, Christiano Julio, Porto Alegre. Fines, Oscar, Santos. Fonseca & Co. (coal merchants), Para. Fonseca, Abilio (partner of Fonseca & Co.) Para Fonseca, Arthur, S. Francisco do Sul. Mar. 24, 1916 Fraeb & C., Rua 7 de Setembro 90, Porto Alegre; Rio Grande do Sul. Mar. 24, 1916 Friedrichs & Timmans, Rua dos Droguistas, Bahia July 15, 1916 Frederico Ostermeyer, com. agent, Rio de Janeiro Friedheim Aguiar & Co., Avenida Maranhense 11, S. Luiz, Maranhão. Sept. 9, 1916 Freyer, Hugo, Porto Alegre. Fuchs, J., & Co., (Casa Fuchs), Rua S. Bento 83, S. Paulo. Gasmotorenfabrik Deutz, Avenida Rio Branco 11, Rio de Janeiro; Rua Floriano Peixoto, P'buco-Gins, Adolf, Porto Alegre. Gomes, Candido, Rio de Janeiro. Gonczy, Porto Alegre. Graeff, Gustaf, Para. Green & Co., Belem, Para. Griesbach, Max, Para Guimarães, F., Bahia. Gunzburger, J., & Co., Manaos Haackradt & Co., F., S Paulo. Haering, Fritz. Rio de Janeiro. Hansen, Alfredo, Rio de Janeiro. Harm. Henrich, Manaos and Itacoatiara. Hartmann, H., Rua Barão da Victoria 25, P'buco Hasenclever & Co., Rio de Janeiro; Rua L. Badaro 70, S. Paulo. Haupt & Ce., Rio de Janeiro. Heise & Co., Hugo, S. Paulo. Hermanny. Louis, & Co., importers of perfumery, Rio de Janeiro. Hobbing, Engelbert, Porto Alegre. Hoffmeister Witte & Co., Bahia. Holzborn, Ernesto, Rua das Princezas, Bahia. Hoepeke, Carl, & Co., Florianopolis, S. Catharina Hoffman, Rudolf, W. H., Para Holdun, Maxim, Manaos. Huland, Oscar & Co., Ceara Israel & Co., Simon, Rio de Janeiro. Jannowitzer Wahle & Co., Rua da Candelaria 49, Rio de Janeiro; Rua S. Pedro 34, S. Paulo. Jantsch & Co., Aurelio, Corumba. João Silveira de Souza, Joinville. June 8, 1916 June 8, 1916 Jordan Gerken & Co., S. Francisco do Sul.

Feb. 3, 1917 Kauffmann, J., S. Paulo.

	. In the contract of the contr		
Sept. 9, 1916 Mar. 24, 1916	Kopinsky, Joseph, Rio de Janeiro. Krause, Irmãos & Co., (Grause Brothers), Para;		Ribeiro, Trajano, S. Francisco do Sul (Jordan Gerken & Co.)
	Maranhão, Manaos and Pernambuco.	Mar. 24, 1916	Rombauer & Co., Rua Visconde de Inhauma 84, Rio de Janeiro.
Feb. 3, 1917	Krahe & Co., Porto Alegre, Krieger, Emilio P., Porto Alegre,	June 8, 1916	Rothschild & Co Rua 15 de Novembro 31, S. Paulo.
	Kroncke & Co., Parahyba do Norte. Kuchlen, Otto, Para	June 8, 1916	Runes & Bark, Largo Monte Alegre 6, Santos.
	Lallemant, J. L., Rio de Janeiroo.	Sept. 9, 1916	Schaible & Kanitz, Rio and S. Paulo.
	Landy, Carlos von, Rua Barão do Triumpho 35A,		Schar, Ernest, Pernambuco.
	Pernambuco.		Schlee, Philip, Manaos.
	Laves de Moraes, José, S. Paulo.	Aug. 22, 1916	Schlick & Co., importers, Rio de Janeiro. Schmidt, Trost & Co., Santos and S. Paulo.
	Leal, Anthanasio, S. Francisco do Sul. Leite de Fonseca, A., Rio de Janeiro.	Mar. 24, 1916	Schoenn, Roberto, & Co., Rua da Quitanda 147,
	Lemeke, Carlos & Co., Porto Alegre.		Rio de Janeiro.
	Lemcke, Honrique, S. Paulo.	Mar. 24, 1916	Scholz, Waldemar, Manaos
	Lesiuski & Co., Porto Alegre,	Feb. 3, 1917	Schneider, Carl. Joinville.
Mar. 3, 1917	Lichtenfels, Bernardo, alias Brandão. Rio de	Feb. 3, 1917 Feb. 3, 1917	Schmidt & Co., S. Paulo, Schroeder & Co., Porto Alegre,
Sept 9 1916	Janeiro. Lima, Luzio Horacio, Para (Berringer & Co.)	Sept. 9, 1916	Schroeter, J., Porto Alegre.
	Lind, Von der, & Co., Rua das Princezas, Bahia.		Sohumann & Co., Para.
	Linhares, Antonio P., Para.	Dec. 9, 1916	
	Liuon, Feliciano. Corumba.		Seligmann & Co., Para.
	Lobo, Manaos.	Mar. 24, 1916	Semper & Co., Manaos.
	Lohner, F. A., Rio de Janeiro, Lohse, Para.	Feb. 3, 1917	Sergenicht, Conrado, S. Paulo, Siemens Schuckert Werke, Rio, S. Paulo and P
	Luckhaus & Co., Rio de Janeiro.	жерс. о, того	Alegre.
Aug. 8, 1916	Ludwig Irmãos, Porto Algre.	Nov. 24, 1916	Silva, Antonio Carlos da, S. Paulo.
May 2, 1916	Louro Linhares, Florianopolis,		Siiva & Cia., Domingos da, S. Paulo.
Nov. 24, 1916	Machado, Mello & Co., Rio de Janeiro.		Simonek & Moreira, Rua do Bom Jesus, P'buco.
Mar. 24, 1916	Magnus, James, & Co., Rua S. Pedro 96, Rio	Dec. 8, 1916	Simon, Feliciano, Corúmba.
Feb. 16, 1917	Mattheis & Cia., Rio de Janeiro. Mattos, Alberto, Rio de Janeiro.		Sinjin, M., & Co., lace makers, Rio de Janeiro.
Nov. 10, 1916	Marx, W., Rio de Janeiro.		Sinner, Alfred, Rio de Janeiro and Santos.
	alias Norbert Hertz, Rio de Janeiro.	Aug. 8, 1916	Smith, Kessler & Panke (Casa Kosmos), S. Paulo
	alias Oliveira & Co., Henrique, Rio de Janeiro.	Mar. 3 1917	and Santos. Smith, Charles, S. Paulo.
A 11 1010	alias Mins Nissen. Rio de Janeiro.	June 8, 1916	
Арг. 14, 1916	Meyer, Irmãos & Co., Rua 7 de Setembro 165, Porto Alegre.	June 8, 1916	Sociedad Tubos Mannesmann Limitada.
	Totto Megie.	July 15, 1916	Seciedade Tubos Mannesmann, pipe manufacturers
Dec. 23, 1916	Miranda, Agenor, Bania	16.4. 1 <i>a</i> 1017	Rio de Janeiro.
Feb. 3, 1917	Moeller, H. Theo., Porto Alegre.	Feb. 16, 1917	Société Aisacienne de Plantations en Brésil, Cacual Grande.
Feb. 3, 1917	Moil, Francisco, Rio Grande,	Apr. 14, 1916	Solheiro, Luiz (partner of Fonseca & Co.), Para
Apr. 14, 1916	Monteiro, J. A., & Co., Rua de Candelaria 49, Rio de Janeiro.	Feb. 3, 1917	Sperb & Co., Carlos Albino, Porto Alegre.
June 8, 1916	Monteiro Santos & Co., S. Paulo.	July 18, 1916	Steiner, Pedro Mauricio, Para.
Apr. 14, 1916	Moreira, Julio Cesar, Rio de Janeiro.	May 18, 1916	Steinman, Emilio A., Manaos.
Nov. 10, 1916	Melcuer & Cia., Conrado, S. Paulo	Dec. 9, 1916 Feb. 3, 1917	Stock, Emilio, Santa Catharina.
Sept. 9, 1916	Metzler, Hugo, Porto Alegre.		Stoky, Jorge F., Rio de Janeiro. Strassberger, E., & Co., Manaos.
oune e, 1910	Naschold, Ricardo, & Co., Rua Henrique Dias 57, S. Paulo; Porto Alegre.	Mar. 24, 1916	Suerdieck & Co., Rua das Princezas, Bahia.
Mar. 24, 1916	Noronha, Carlos de, Rua General Camara 22,	June 8, 1916	Steinberg, Meyer & Co., Avenida Rio Branco 65,
	Rio de Janeiro.		Rio de Janeiro; S. Paulo
Nov. 10, 1916	Nossack & Co.: Santos.	June 8, 1916	Stender & Co., Bahia
July 18, 1916	Officina Veliote Silva, Para	June 8, 1916	Stofen, Schnack, Muller & Co., Corumba.
Mar 21 1016	Onl, Paul. Para. Ohliger & Co., Manaos.	Aug. 6, 1910	Stoltz & Co., Hermann, Santos, Rio de Janeiro, S. Paulo and Pernambuco.
Nov. 10, 1916	Oliveira. Eduardo, Santos.	Feb. 16, 1917	Tapana Pamations Co., Para.
Mar. 24, 1916	Ornstein & Co., Rua S. Pedro 9 Rio do Janeiro	Nov. 10, 1916	Trinks & Cia., Peter, Santos.
July 18, 1916	Ostermeyer, Frederico, Rio da Janeiro	Mar. 24, 1916	Trommel, A., & Co., Praça Tellas 11, Santos;
Apr. 14, 1916	Ottens, K. J., Bahia.		Rua Alvares Penteado, S. Paulo.
Sent 9 1916	Overbeck, W., Rua das Princezas, Bahia.	Nov. 24, 1916	Turnauer & Machado, Rio de Janeiro.
July 15, 1916	Percira, E., & Co., Rio de Janeiro.  Pintsch. Julius, Aktiengesellschaft, importers	Mar. 24, 1916	Urban, Engen, & Co., Rua Conselheiro Saiaiva
• , ,	Rio de Janeiro.	Nov. 24, 1916	30, Rio de Janeiro; Rua S. Antonio, 63, Santos. Vargas, Araripe Ferreira, Porto Alegre.
Aug. 8, 1916	Pereira, Alfredo Martins Manaos	ept. 9, 1916	Vicira de Melio , Francisco, Rio.
Aug. 22, 1916	Peters, W., & Co., Manaos,	uly 18, 1916	Vieira, Francisco Salles, Manaos (cloak for Semper)
June 8, 1916	Petersen, A jolf, & Co., Run do Apollo 36, Pilmes	ren. 16. 1917	Vicira, Laiz. Rio de Janeiro.
Aug. 22, 1916	Follman & Co., Pernambuco and Manaos	Feb. 3, 1917	Viuva Behrensdorff & Co., Porto Alegre.
Mar. 24, 1916	Portella Filho, Hermengilho, Pernambuco. Pralow & Co., Para and Manaos.	Nev. 10, 1916	Voelcker & Co., Luiz, Porto Alegre.
Aug. 8, 1916	Prejawa & Co., Rio de Janeiro.	Tule 15 1017	Von Hoff, Cacual Grande.
Mar. 16, 1917	Regis, João Deoplaciano, Florianonolis	amy 19, 1916	Wachtel Marxen & Co., shipping agents, Rio Grande
ren. 3, 1917	Remnardt, Cesar, Porto Alogro	Mar. 24, 1916	Wagner; Schadlich & Co. (Casa Allema), Santos
Aug. 8, 1916	Remiger, Schmitt & Co., Porto Alogro		and S. Paulo.
July 15, 1916	Reisch, Felix, Mannos. Rieckmann & Co., ironmongers, S. Paulo.	Nov. 10, 1916	Warnecke & Cia., Hermann, S. Paulo,
2 40, 1711)	w. Co., fronmongers, S. Paulo.	July 5, 1916	Weiszflog, Max. Santos.

June 8, 1916	Weiszflog Brothers, Rua Libero Badaro 70, S.
	Paulo.
July 15, 1916	Weiszflog, Alfredo (of Weiszflog Bros.), S. Paulo
July 15, 1916	Weiszflog, Otto, (of Weiszflog Bros.), Rio de
	Janeiro.
Nov. 10, 1916	Werner, Fredrichs, Para.
Nov. 11, 1916	Werner Hilpert & Co., Rio de Janeiro.
June 8, 1916	Westphalen Bach & Co., Rua Cons. Saraiva, Bahia
Feb. 3, 1917	Wiedemann & Gins, Porto Alegre.
Mar. 24, 1916	Wille, Theodor, & Co., S. Paulo, Rio de Janeiro
	and Santos.
Nov. 10, 1916	Woebcke, Gustav, Porto Alegre.
Feb. 3, 1917	Woebcken & Krebs, Adolpho, Rio de Janeiro.
June 15, 1916	Wolff, Eric, Pernambuco.
Mar. 16, 1917	Zerrenner Bulow & Cia., Santos.

# REMOVED FROM THE LIST.

Gardoso, Victor Mattos, Para. Mar. 16. 1917 Mar. 16, 1917 Oliva, J., S. Paulo.

# MONEY

## Official Quotations, Exchange Camara Syndical and Vales:-

	90 days	- Sight	Sovs.	Valo.
Monday, 12 March		11 45-64	21\$300	2\$326 2\$326
Tuesday, 13 March Wednesday, 14 March		1'¾ 11¾	$21\$300 \\ 21\$250$	2\$326
Thursday, 15 March . Friday, 16 March		11 23-32 11 45-64	21\$250 $21$250$	2\$326 $2$326$
Saturday, 17 March		11 11-16	21\$250	2\$326
Average for week	11 13-16	11 45-64	21 \$250	2\$323

Caixa de Conversão. Gold in deposit, Rs. 75.230:952\$, equivalent to £5,015,397. Notes in circulation, Rs. 94.559:930\$

Monday, 12 March. English Banks opened at 11 13-16d., others, including Bank of Brazil, at 11 25-32, the former rate becoming general during the day and towards the close the London and River Plate Bank came out at 11 27-32d. Some repassed paper was offered at 11 27-32 and a small commercial business done at 11 7-8d.; very little money offering.

Tuesday, 13 March. London and River Plate Bank opened at 11 27-32d., others at 11 13-16d. The former took rates up rapidly to 11 29-32, the Ultramarino quoting this rate for a short time and some banks at 11 7-8d. Some repassed paper was done at 11 29-32, the market closing with River Plate Bank drawing at 11 29-32d. for the market and others at 11 27-32d. and 11 7-8d. Takers of commercial at 11 15-16d. Neither money nor bills offering.

Wednesday, 14 March. London and River Plate Bank opened at 11 29-32d., others at 11 27-32 and 11 7-8d. Takers of commercial at 11 15-16d.; market closed at 11 27-32d. in some banks and others at 11 7-8d. Takers of commercial at 11 29-32d.

Thursday, 15 Mar. River Plate, Brazil and Ultramarino Banks opened at 11 27-32d., others at 11 13-16d.; takers at 11 29-32d. Iu the afternoon the Ultramarino came out at 11 7-8d. for market first mail. Nothing doing all day.

Friday, 16 March. Some banks opened at 11 27-32d., but 11 13-16d, soon became general and a small business was done in repassed paper at 11 7-8d. Market closed at 11 13-16d. bank, takers at 11 7-8d. Neither money nor bills offering.

Saturday, 17th March. City and French Banks opened at 11 25-32 others at 11 13-16d., takers at 11 7-8d. commercial. Market closed at these rates without any business baving been done.

#### Notes in Circulation:-

	31/12/1913	1/4/1916	28/2/1917
Inconvertible	601.488:303\$	1.015.578:569\$	1.232.087:685\$
Convertible	419.069:000\$	94.559:930\$	94.559:930\$
Total	1.020.557:303\$	1.110.138:499\$	1.326.647:615\$

Increase or Decrease, from

	31/12/1913 to	0/	1/4/1916 to	o/
Inconvertible Inc	28/2/1917 630.599:382\$	•	28/2/1917 216.509:116\$	$\frac{\%}{21.3}$
Convertible, Dec		77.4	` — `	
Net increase	306.090:312\$	29.9	216.509:116\$	21.3

Since 31 December of the ante-bellum year 1913, up to 28 Feb. of the current year, the net increase in the number of notes in circulation of all denominations was nearly 30 per cent.

From 1 April, 1916, ,to 28 Feb., 1917, the increase was entirely in inconvertible notes or paper money, amounting to 21.3 per cent.

90 days' rate on London on 31 Dec, 1913, stood at 16d. per milreis, at 11 19-32d. on 1 April, 1916, and at 11 51-64d. on 28 Feb. of the current year.

# Balance of Trade for the Month of January, 1917.

- Excess Imports. In £1,000. + Excess Exports.

	Merchandise	Specie	$\mathbf{Both}$
1913	+1,593	532	+1,061
1914	+1,333	+ 97	+1,430
1915	+3,117	+ 790	+3,907
1916	+1,581		+1,581
1917	+1,193	_	+1,193
Ditto, Decembe	chandise, January, 1917 r, 1916 ths,		£2,958,000 4,691,000 £7,649,000
Average, two m	ouths, Dec. and Jan	*****************	£3,824,500
Exports of mer	chandise, January, 1917		£4,151,000
Ditto, Decembe	r, 1916		5,041,000
Exports, 12 mo	nths, 1916, average		4,551,000

The falling off of imports in January was the effect of overimportation in December, 1916, to escape the higher tariffs, the average value of imports for the two months, December and January last being, in fact, £294,500 in excess of the average for the preceding 11 months.

Compared with December last, the value of exports of merchandise shows a decline of £890,000, but compared with Jan., 1916, an increase of £233,000, the falling off of £529,000 in coffee (£245,000), rubber, cocoa, carnauba wax, bides, table fruits, tobacco and herva matte having been more than compensated by increase in frozen meat (£225,000), sundries (particularly beans), totton, sugar, lumber, manganese, native gold and skins.

There were neither imports nor exports of specie in January.

ISSUES OF BONDS (APOLICES) AND PAPER MONEY AUTHORISED BY DECREE 2,986 OF AUGUST, 1915. BALANCES ON 28 FEBRUARY, 1917.

DATIANCES ON 25 THOR		nilreis
Assets—	Gold	Paper
Apolices (bonds) deposited with the	Crora	
Caixa de Amortisação as security for	ŗ.	
paper money	-	287,000:000\$
Dirte, balance in hand		\$.000:0008
Paper Money furnished to Treasury		
to meet deficiencies of 1916		
Revenue		129.524:286\$
Dicto, balance in hand		\$.000:000\$
Payments effected by Treasury to		3.30.7
date	4.456:511\$	56.048:2008
Treasury bills exchanged for Bonds	1.150.5114	3071
(Apolices)	4.431:256\$	22.729:000\$
Interest on same	96:593\$	637:205\$
Premium of 15% on issue of bonds	ου. 303 φ	33712732
(apolices) exchanged for Treasury		
bilis		10.854:449\$
Conversion of gold Treasury bills and		20.002.1794
interest on same		16.214:3378
Furnished to Federal Delegacies by		
Bank of Brazil		72,900:000\$
Bank of Brazil, for rediscounts, etc		50.000:000\$
Dirto, in aid of agriculture		11.000:0008
Bonds remitted to delegacies for liqui-		11.000.000
dation of outstanding obligations		8.810:6238
through of outstanting congations		
	8.984:430\$	681.718:100\$
Liabilities		
Issue of bonds (apolices) as security		
for paper money, authorised by law		
2,986 of 28 Aug., 1915, and decree		
11.693 of same date, No. 11.983 of		
10 March, 1916, and 12.128 of 7th		
July, and 12,281 of 29 Nev., 1916		295.000 -000\$
Issue of paper money authorised by		,
abovementioned laws and decrees	,	295,000,0003
Ditto, authorised by law 2.986 of 28		
Aug., 1915, and decree 11.897 of 18		
Jan., 1916, in aid of agriculture		11.000:000\$
Issue of bonds or apolices at \$5 \(\gamma_0\) authorised by law 2,986, of 28th		
Aug., 1915. and decree 11.694 of		
same date for liquidation of out-		
standing debt contracted prior to		
		90 719 106.5
		32.513:100\$
Issue authorised by law 2,986 of 98		
August, 1915, and decree 11,694 for		
withdrawal or exchange of Treasury		00 00. 000 ti
bills		26.62≻:300\$
Trans of Donda (Ameliana)		
Issue of Bonds (Apolices) at 92%.	•	
90% and 89% of face value		
authorised by same law and decree for withdrawal of treasury bills		
payable in gold at 89% 9.331:000\$, 90% 3.056:200\$ and 92% 4.778:000\$		15 010 Four
Dicto, dicto, for liquidation of obliga-		17.910:7008
tions prior to 1915		0.100.0000
Issue of bonds (apolices) at par,		2.180:300\$
authorized by law 9 000 1 00 A		•
authorised by law 2,986 of 28 Aug., 1915, and decree 11,694, for payment		
of fractions of above mentioned Trea-		
		por Hozen
Sury bills		628:700\$
prior to 1916		, <b>30</b>
Issue of Treasury Bills for liquidation		29:000\$
of back accounts	#000 kng T	000 000*
Conversion of Treasuray Bills pay-	1.894:600\$	828:000\$
able in gold into bills payable in		
paperpayane m	7 Agn .gan	
Paker		
	8.984:429\$	681.718:100\$

During the month of February, fresh issues of paper money were made to value of 15.000:000\$ and of Internal Bonds or Apolices at different rates to value of Rs. 18.189:000\$.

# COFFEE

The Rio Market during the week under review continued stagnant, with no demand. New York 7s were quoted at 9\$200 to 9\$300. The movement in New York futures either way was unimportant.

The Weather during the week under review was irregular, sunshine and rain being reported from different districts of the coffee area.

Entries at the two ports for the week ended March 15th show increase of 7.634 bags or 7.9 per cent. compared with previous week, of which 771 bags at Rio and 6,863 bags at Santos.

Compared with the same week last year, entries show a falling off of 35,858 bags or 25.5 per cent., Rio showing increase of 15,849 bags or 63.2 per cent. and Santos a decrease of 51,707 bags or 44.8 per cent. For the crop to 15th March, entries aggregated 10,901.609 bags, as against 13,258,284 bags for same date last year, a shrinkage of 2,356.675 bags or 17.8 per cent., of which 1,062,870 bags or 38.2 per cent at Rio and 1,293,805 bags or 12.3 per cent. at Santos.

Rio, entries for crop to 15th March Estimate from 16th March to 30 June at	1,718,879	
61.8 per cent of last year's entries for same period of 477,644	295,184	2,014,063
Santos, entries for crop to 15th March Estimate, 16 March to 30 June at 87.7 per cent, of last year entries for same period	9,182,730	
of 1.267.954	1,111,998	10,294.728
Total for crop. two ports	<del></del>	12,308,791

#### Shipments by Flag to March 15th ....

Shipments by Flag to March 15	th:—		
Bags %	Bags	70	Week to
			March 15
British, to U.S. 1,511.270 58.2			43,000
To Europe 869,730 33.5	•		
To The Cape 169,350 6.5			
Plate & Pacific 47,216 1.8	2,597,566	28.7	1,313
Other Flags-French	1,080,624	12.0	9,000
Dutch	149,386	1.7	
Italian	425,981	4.7	1,005
Japanese	366,626	4.1	
American	962,236	10.6	30,051
Spanish	137,077	1.5	
Scandinavian	1,857,751	20.5	1,146
Brazilian	1,390.834	15.4	41,930
Portuguese	11,789	0.1	5,081
Cuban ,	62,500	0.7	
Argentine	1,720	-	-
Total	9,044,090	100.0	132,526

Clearances for the week under review, inclusive of coastwise aggregated 138,402 bags, as against 141,012 bags for the previous week, a decrease of 2,610 bags or 1.8 per cent., of which former 73,000 bags went to the United States. 46,000 bags to France, 5,605 to Italy, 5,081 to Portugal, 3,389 to Plate and Pacific and 5,876 bags coastwise.

For the crop to 15th March, overseas clearances aggregated 9,044,090 bags, as against 11,373,156 bags for same period last year, a surinkage of 2,329,066 bags or 20.5 per cent.

Inclusive of constwise, clearances for the crop to same date aggregated 9,261,774 bags, as against 11,575,974 bags last year, a shrinkage of 2,314,100 bags or 20 per cent.

To keep shipments to the United States up to last year's level, 516,811 bags would have to be shipped to that destination between this and 30th June, or an average of 34,454 bags per week.

#### COFFEE CLEARANCES, RIO AND SANTOS, 1st JULY TO15th MARCH

	1915	1916	Inc. or Dec.	%	Crop, 1915-16	Week ended March 15
United States	4,678,289	5,379,303	+ 701.014	15.0	5,893,114	73,000
France		1.876.787	+ 102,669	5.8	2,391.320	46,000
Italy	735,589	554,071	-181,518	24.7	1.119,225	5,005
Holland	590,237	127,697	-462,540	78.3	618,582	_
Scandinavia	2,792,085	77,285	-2,714,800	97.2	3,260,947	_
Great Britain	244,182	523,413	+ 279,231	114.3	392,066	
Spain	86,613	108,566	+ 21,953	25.3	130,293	. —
Pertugal	12,264	6,794	- 5,470	44.6	12,450	5,081
Egypt	93,375	21,000	- 72,375	77.5	94,473	
Plate and Pacific	218,723	199,824	- 18,899	9.8	328,431	3.389
The Cape	132,356	169,350	+ 36,994	27.9	208,067	_
Greece	15,325	_	- 15,325	100.0	21,035	•
Total	11,373,156	9,044,090	-2,329,066	20.5	14,473,003	132,526
Constwise		217.684	+ 14,966	7.4	287,797	5,876
Grand total	11,575.874	9,261.774	-2,314,100	20.0	14,760,800	138,402

British Supremacy. The British flag still tops the list for the erop with 28.7 per cent, of the total shipped to all destinations, the Scandinavian flag remaining second with 20.5 per cent, the Brazilian flag third with 15.4 per cent, the French flag fourth with 12.0 per cent and the American flag fifth with 10.6 per cent.

For the week shipments in British bottoms aggregated 44.313 bags or 33.4 per cent of the total of 132,526 bags, next come Bruzilian bottoms with 41.930 bags or 31.6 per cent, American bottoms third with 30,051 bags or 22.7 per cent, and French bottoms fourth with 9,000 bags or 6.8 per cent.

The lion's share of shipments for the week again fell to the British flag with 33.4 per cent. of total shipments, the Brazilian flag coming second with 31.6 againstt 3.8 per cent last week, the American flag third with 22.7 against 11.3 per cent.

Of the total snipped under the British flag, 58.2 per cent went to the United States, 33.5 per cent to Europe, 6.5 per cent to the Cape and 1.8 per cent to the Plate and Pacafic.

Of the total of 4,678,289 bags shipped to the Untieed States. 1,511,270 bags or 32.3 per cent, were carried in British bottoms and 3,167,019 bags or 67.7 per cent. in other bottoms. The coefficient of shipments in British bottoms increased to 32.3 per cent. compared with 27.7 per cent. for previous week.

## F.O.B. Value of Clearances Oversea:-

	1915-1	16	1916	5-17
	Bags	£	Bags	£
1 July to 15 March 16 March to 30 June	11,373,156		9,044,090	21,311,584
Enemy Shipmen		28,378,885 ne week end	ing 15th	— March were
as follows:—			Ba	ıgs %
Per s.s. Bocaina (B	ıaz.)			930
Previously reported				,725
Total enemy to 15th	March 191	7	475	,655 5.3
Total Alles and New				,
•	*		9,044	,090 100.0
Fernambuco. offer 10\$000 to 10\$		tet weaker far sellers		

prices.

Stocks compared with 8th March show decrease at the two ports of 170,343 bgs, of which 20,324 bags at Rio and 150,019 bags

Embarques for the week at the two ports were larger, being 173,239 bags more than for previous week and 213,554 bags under last year's.

At £2,238 per bag, f.o.b. value for the week works out at £576,574.

The Largest Exporters from Rio. Santos and Victoria for crop to end January were as follows:--Hard, Rand & Co. 565,900, Naumann Gepp & Co. 552,223, Grace & Co. 512,163, Leon Israel & Co. 445.677, Ed. Johnston & Co. 355,335, R. Alves Toledo & Co. 347,641, Cia. Prado Chaves 344,084, J. Aron & Co. 308.360, Arbuckle & Co. 269,797, M. Wright & Co. 239,271, Levy & Co. 227,700, Raphael Samparo & Co. 200 772, Theodor Wille & Co. 198,884, Société F. Breslienne 188,909, Santos Coffee Co. 169,370, Picone & Co. 156,690 Pinto & Co. 143,999, J. Carlos Melio 132,587, Jessouroun Irmaos 130,227, J. Osorio & Co. 129,995, Louis Boher & Co. 125,045, Ornstein & Co. 117,993, Nione & Co. 113,581, Whitaker Brotero & Co. 100,846, McKinley & Co. 118,555.

The largest shipper from the three ports was, as usual. Hard Rand & Co., followed, however, very closely by Naumann Gepp & Co. The comparatively new-comers Grace & Co. are forging ahead and with 512,168 bags menacing the undisputed supremacy of the two premier firms.

For the time being Theodor Wille are practically out of the running with only 198,884 bags, indeed it is wonderful how with all their drawbacks they manage to ship as much as they do! It will be interesting to watch what will happen to this and other enemy firms should the United States come into the war and whether trading by firms of enemy origin domiciled in this country with American or neutral firms in the United States will be then permitted. If not, it will be the final nail in their coffin!

# Shipments of Coffee by Flag:-

Total Allies		3,857,101	51.7
Portuguese		7,977	0.2
Japanese	1 <u>1</u> -	284,364	3.8
rramps			
Tramps	28,957	198,409	2.6
La Veloce	11,701		
Lloyd Italiano	52,853		
Italian—N. Italia Transatlantica Italiana	35,399		
To the M. M. Tanke	69,499		
France Amerique	09,000	560,110	20.2
Sud-Atlantique	97,668 59,530	980,770	13.1
Transportes Maritimes	274,465		
French-Chargeurs Reunis	549,107		
Tramp steamers	683,672	2,385,581	02.0
F. Matarazzo & Co	10,023	0.00* *01	32.0
Pacific Steam Navigation Co	2,.375		
Lamport and Holt	288,856		
Prince Line	651,015		
British-Royal Mail	749,640		
B 11 1 B 1 31 11	740 640		

		7,451,394	100.0
Tramps	54,000	1,195,464	16.0
Lloyd Nacional	190,524		100
Commercio e Navegação	406,216		
Brazilian—Lloyd Brasileiro	544,724		
Lloyd Sabaudo	6,707	171,594	2.3
Pinillos Izquiredo & C	78,578		
Spanish—Trans. Barcelona	32,309		
Cuban—Sundry	62,500	204,495	2.8
Dutch-Royal Holland Lloyd	139,567		2.2
Argentine—Sundry	2,428		
Sundry	703,477	1,203,153	10.2
Norwegian S. A. Line	6,044	1.009.159	16.2
Danish—Sundry	278,725		
Scandinavian-Johnson Line	214,907		
U.S. &Brazil S.S. Ce	133,242	819,587	11.0
American—Sundry			

Of the 7,451,394 bags exported to all destinations from 1st July to end January, 1917, 32 per cent. were carried in British bottoms, 13.1 per cent. in French, 2.6 per cent. in Italian, 3.8 in Japanese and 0.2 per cent. in Portuguese bottoms, or 51.7 per cent in all allied bottoms, 16 per cent. in Brazilian, 16.2 per cent. in Scandinavian, 11.0 per cent. in American, and 5.1 per cent in Dutch Spanish, Cuban and Argentine.

# The Future of Coffee.—:mmense increase in Production looked for. A correspondent reports from S. Paulo as follows:—

"A conservative estimate of the coming S. Paulo crop is 12,000,000 bags, exclusive of entries of Minas and Parana coffees shipped at Santos. The Rio crop, inclusive of Santos entries is estimated at 4 to  $4\frac{1}{2}$  millions, and entries from Parana at 300,000 bags.. bringing up the total for the two ports for 1917-18 to 16,300,000 to 16,800,000 bags.

There is some talk of a local valorisation operation, by means of which the excess production of S. Paulo, estimated at 6,000,000 bags, may be bought up, and the price of coffco be maintained at 6\$000 per 10 kilos until after the war, when, it is hoped, that most of it if not all will be absorbed by the now beleaguered countries.

Such calculations, however, fail to take into account the effects of pressure on producers in other parts of Brazil and outside countries, where production is expected to be exceptionally heavy next season.

Prices will not be determined solely by the relation of demand to S. Paulo's supply, but to available supplies of every origin.

So far as can be seen, unless the war comes to an end before that date, the Visible Supply on 30 June, 1918, will be in the neighbourhood of 15,000,000 bags.

Not for years have climatic conditions been so favourable for a growing crop. From October to March rain has been frequent and of late almost incessant over the coffee area. For 11 years, since the year before the record crop of 1906-07, such conditions have not been known.

Since then enormous fresh areas have been opened to cultivation by the construction of new railways, for some of which the yield is estimated at the hitherto unrecorded figure of 300 arrobas per 1,000 trees!

Between 1909 and 1912, 100,000,000 trees are believed to have been planted in the new districts which will come into bearing next year and add some 2,500,000 hags to the normal supply, and, moreover, for years to come may be expected to expand as the new trees mature. For the last five crops production has been as follows, in 1,000 bags:—

	Santos	Rio	Total
1912-13	8,585	2,900	11,485
1913-14	10,855	2,961	13,816
1914-15	9,497	3,349	12,846
1915-16	11,744	3,250	14,994
1916-17 (estimate)	10,000	2,000	12,000
Total, five years	50,681	14,460	65,141
Average, five years	10,136	2,892	13,028
For the following five years	, 1917-22	crops on this basis	should
be as follows:		_	
1916-17 (estimate)	12,000	4,000	16,000
1918-19—1921-22 (as below)	50,544	11,808	62,352
Total, 5 years	62,544	15,808	78,352
Average, five years	12,508	3,162	15,670
<del></del>		Santos	Rio
1917-21, average 5 years 1912-	17	10,136	2,952
New plantations, per annum	• • • • • • • • • • • • • • • • • • • •	2,500	_
Crop, 1918-19		12,636	2,952

Should the yield in the new districts prove as considerable as expected, the average production for Rio and Santos would be thereby raised from 10,136,000 for the five seasons 1912-17 to a minimum of 12,508,000 for the next five seasons and, unless consumption could be simultaneously and proportionately stimulated, over-production be inevitable.

On 30th June, 1907, the visible supply of the world attained its maximum of 16,380,000 hags. Next year, with 1,100,000 hags of valorisation coffee to be yet disposed of, it seems likely to attain a similar figure.

If it takes ten years and more to liquidate the surplus that accumulated since the last record crop, how long, with production increasing at its actual rate, will it take for consumption to dispose of the heavy crops that may be expected during the next two seasons and after?

That, and the question of depreciation of the currency, should valorisation be undertaken solely with resources furnished by further issues of already depreciated paper money, are the problems that should be thrashed out before any such a policy were decided on.

Labour, continues our correspondent, is in good supply, in spite of wages having dropped since 1914 from 90\$ and 100\$ to 70\$ and harvest and up-keep charges of 'colonos' from 150 to 80 and 90 milreis per 1,000 trees, the average being about 100\$. What with the reduction in cost and rise of currency prices planters have never done better than now and fazendas are again fetching high prices.

Plantations are well looked after and intensive cultivation on the older estates is compensating to a large extent the falling off in yield that might otherwise have been expected. The scarcity and high prices of chemical fertilisers, like sulphate of ammonia and salpetre, have lead to their substitution by bone dust and dissicated blood from the xarqueadas of Rio Grande do Sul and abbatoirs of Osacaca and Barretos.

Up to end of September very good prices were obtained at one fazenda I am acquainted with, averaging 7\$400 per 10 kilos against the basis average for No. 4 of 6\$700. Thenceforward to middle of February the average on same fazenda fell to 6\$200, as against the basis average of 6\$000.

—The «Diario Popular» of S. Paulo says that the coming crop at Ribeirão Preto will not exceed 700,000 bags, 300,000 at Sertãosinho and 250,000 at Cravinhos. The whole S. Paulo crop, exclusive of entries of Minas coffees at Santos, is estimated at 12,000,000 bags.

<sup>—</sup>The contract for supply of the Brooklyn Navy Yard with 1,000,000lbs. of green coffee at \$108,600 was awarded to J. Aron & Co. The bids received included W. A. Jameson \$1.094 per lb., A. C. Israel \$1.093 and Leon Israel & Bros. \$1.098.

# COMPANHIA COMMERCIAL DE SAO PAULO

P. O. BOX 1113.

**CABLE ADDRESS "WYSARD"** 

# SÃO PAULO

Codes Used: A.B.C. 5th Edition, Liebers, Bentleys, Brazileira Universal.

IMPORT.

COMMISSIONS.

CONSIGNMENTS.

Catalogues & Correspondence Invited.

SOLE AGENTS FOR THE STATE OF S. PAULO OF THE BYLLESBY MERCANTILE CORPORATION OF NEW YORK

Stocks and Visible Supply, 1st February, 1917. (From 'Le Café.')

The world's visible supply, which on 1st February shows shrinkage of 640,000 bags compared with January, and of 264,000 bags compared with same month 1916, amounted to 10,603,000 bags as against 9,990,000 on 1st Feb., 1916, and 10,144,000 on 1 Feb., 1915.

World's deliveries in January amounted to 1,724,000, inclusive of 90,000 bags sunk in the s.s. Radnorshire, as against 2,010,000 in Jan., 1216 and 1,802,000 in 1915, and for the seven first months of the crop were only 9,017,000 bags as against 12,929,000 in 1915-16 and 12,180,000 in 1914-15. No figures are given this month for coffees retained in the United Kingdom.

At the same rate of shrinkage, 30.3 as for the first seven months of the current compared with last crop, the world's deliveries would amount to only 14,777,000 bags in all for the current crop, against 21,200,000 for last crop and 21,658,000 in 1914-15.

				+ or	_
In 1,000 bags.	1 Feb.	1 Jan.	1 Feb.	Feb,'17	Teb,'16
2,000 3180	1917	1917	1916	Jan,'17	Feb,'17
Stocks-				•	•
United Singdom	637	617	523	+ 20	+114
Havre	2,511	2.569	2,160	- 58	+351
Bordeaux	79	70	47	+ 9	+ 32
Marseilles	325	318	192	+ 7	+133
maisemes	020	310			
Total Allies	3,552	3,574	2,922	- 22	+630
Holland	235	259	287	- 24	<b>– £2</b>
Copenhagen			90		- 90
Antwerp			100		-100
Hamburg	-		100		-100
Bremen			5		- 5
Trieste			5	_	- 5
			<del></del>		
10 European ports	3,787	. 3,833	3,509	- 46	+278
Brazil sorts	2,951	3,019	2,733	- 68	+218
Other sorts	836	814	776	+ 22	+ 60
777 117 61 1					
Visible Supply—	1.005	4.480	1 010	007	
Europe		4,452	4,649	-227	-424
United States	2,956	3,383	2,484	-427	+472
Total Europe & U.S	7,181	7,835	7.133	-654	+ 48
Stock in Brazil	,	3,408	2,857	+ 14	+565
Stock in Brazil	0,544	0,400	: 2,001	-L 1#	7000
World's Visible	10,603	11,243	9,990	-640	+613
Brazil sorts	9,157	9,745	8,624	-581	+513
Other sorts		1,498	1,366	- 52	+ 80
OUMOR SULUS	1,410	1,100	1,000		+ 00

Compared with 1st January, stocks in England and France show decrease by 22,000 bags, but increase compared with 1st Feb. 1916, or 630,000 bags.

Compared with 1st January last the visible supply of the world underwent a shrinkage of 640,000 bags, of which 654,000 Brazilian sorts, but increase of 14,000 in other sorts.

The joint supplies of the United Kingdom and France on 1 Feb. last were equivalent to about sixteen months' supply, of which some 1,275,000 bags are of valorisation coffee.

Coffee and Peace. The "Bulletin du Correspondence" in common with most others, believes that the simple declaration of peace will give rise to an overwhelming demand and corresponding, if temporary, rise of prices until the process of restocking the markets of Central and Northern Europe is complete. After that our contemporary looks for a relapse. With these conclusions we differ, because, even should the war come to an end before 30 June next year, stocks of coffee will be so enormous and the pressure to sell so irresistable as to probably neutralise exceptional requirements, controlled, as they are certain to be, in Germany and probably Austria, by official restrictions.

It is not likely that the German Government would risk a further and probably far more disastrous fall of exchange such as unrestricted importation would entail. The consequences, indeed, have been already forseen and a policy been approved for concentration in the hands of a single authority of powers to fix not only the quantities but the cost of both imports and exports so far as the home market is concerned.

With a potential visible supply of fifteen million bags of coffee on 30 June next year and prospect of another large crop to follow, the German authorities would not be so bereft of common sense as to permit consumers to rush into ruinous expenditure simply to satisfy appetites they have known so long how to repress and under the spur of necessity if not patriotism, will continue to suppress until the economic position likewise is normalised.

Even should the victory of the Allies be so complete as to upset all German plans and the enemy's reserve of gold be entirely exhausted, solicitude for the payment of whatever indemnity that might be exacted, if nothing else, would make some such policy inevitable in order to prevent a fall of exchange that might outlast a generation and emperil the indemnity itself.

It is only when peace comes that German finance will be put on its trial and the problem of how, without raw materials for its manufacturing industries, exportation can be ensured on a scale to meet enormous demands for imports, and, in default, how, with no foreign credit to appeal to and reserves of gold limited to those of the Reichsbanks, and perhaps not even those—imports are to be paid for, will have to be tackled.

The New York Coffee Exchange For the current year, G. W. Lawrence was elected President, and C. C. von Goutard, Jos. Purcell, B. L. Lueder, F. W. Hopkins, S. H. Don and A. Schierenberg as directors. Mr. Lawrence is the head of the New York brokorage and commission firm Geo. W. Lawrence & Co. He has the reputation of being the best green coffee salesman in the United States and is representative of Naumann Gepp & Co. of

Santos and of Vivacqua & Irmaos of Victoria. Mr. Lawrence believes that peace is certain to bring about a considerable increase in the price of coffe, believing that not only belligerents but neutral countries will be willing buyers of coffee as soon as peace is declared. He can see no reason why a tax should not be placed on coffee if wanted, as coffee is comparatively cheap and a tax would be no great burden to consumers.

Coffee Market Off. (From «The Tea and Coffee Trade Journal», 2nd Feb.) In the coffee trade there was a difference of opinion as to the future. The recent advance in prices was due to the hope that peace was not far off, and when it was concluded Germany would flood the market with orders for coffee, that product having been practically shut out of her markets for many months. With the prospect of increased danger to shipping, and the possibility of cessation of shipments from Central or South America to Germany, or in fact to any European country, there was a disposition on the part of those who have been accumulating stocks to dispose of them, with the result that the prices on the coffee exchange on the morning of publication of the German note were twenty points off from the previous night's closing. Some of the men interviewed were of the opinion that added difficulties would tend to lessen coffee shipments, with a consequent advance in prices. Others were of the opinion that there would be an abundance of coffee shipped to the United States, as in case or trouble abroad this would be the only outlet for the Contral and South American crops, as well as that of Mexico.

George W. Lawrence, president of the New York Coffee and Sugar Exchange, said:—I believe that should war come it would tend to lessen coffee shipments to the United States, owing to the added shipping difficulties, with a consequent advancee in coffee freights. I doubt, however, if hostilities would materially affect the prospects of the coffee trade as a whole, as the public is quite certain to use coffee in the same volume as before.

F. Eugene Nortz said:—It is my opinion that the war is being forced to such an extent that if will come to an end within a few months. We have enough coffee in reserve in this country to last us through a short suspension of shipping, especially as we will probably be the only country to which the growers can ship coffee. The prospects of early peace caused a strong demand for the product, in anticipation of orders from Germany, but with the latest note fear took the place of confidence, with the result that those who already have a reserve stock are trying to dispose of it and others refuse to buy into the future.

# Coffee Statistics

### ENTRIES.

IN BAGS OF 60 KILOS.

During the week ending March 15th, 1917.

	FOR TH	и <b>Ж</b> ебк	ENDED	FOR THE	CROP TO
RIO	Mar. 15 1917	Mar. 8 1917	Mar. 16 1916	Mar. 15 1917	Mar. 17
Central and Leopoldena Ry	87,465 1,477 1,971	38,996 616 500	24.12a 944	1.584.580 20.948 87.766	79,786
TotalTransferido from Rio io	40.918	40.142	25,064	1.693.294	2.563.999
Net Entrie at Rio	46,913	40,142	25,664	1.680 679	68,804 2,500,695
Nictherry from Rio & Leopoldina	-			38 200	251 054
Total Rio, including Nietheroy & transit. Total Santos:	40 913 68.669	40.142 56.806	25,064 115 876	1.718.879 9.182.780	2 781 749 10,476,585
Tota Rio & Santes.	104 582	96 948	140,410	10 901.609	13 253 284

The total entries by the different S. Paulo Railways for the Crop to Mar. /17

		Per			Remainin
	Past Jundiahy	Sorocabana and others	Total at ≻. Paulo	Total at Santos	at S. Paulo
1916/1917	7.188 608	1.655.242	8.843.845	9.182 730	-
1915/1916	8.577.676	1.774.321	10.351.991	10476.535	_

#### FOREIGN STOCKS.

#### IN BAGS OF 60 KILOS.

	Mar. 15 1917.	Mar. 8,1917.	Mar. 17,1916.
Inited States Ports	1.822.000 2.205.000	2.700.000 2.229.000	1.758.000 2.025.000
Both	4.027.000 121.000	4.929.000	3.778.000 91.000
isible Supply at United States ports	4,148.000	4,929.000	2,759,000

#### SALES OF COFFEE.

During the week enoing March 15th, 1917.

	Mar. 15 1917.	Mar. 8 1917.	Mar. 17/1916.
Rio	27.101	18.444	42.604
Santos	<del></del> ;	_	123.000
Total	27,101	18.441	165,604

#### COFFEE LOADED (EMBARQUES).

#### IN BAGS OF 60 KILOS.

•	DURIN	WHEK I	FOR THE CROP TO		
	1917 Mar. 15		1916 Mar. 17	1917 Mar. 15	1916 Mar. 17
Rio	48,641	19,610 — —	75,274 —	1,681,001 29;145 —	
Total Rio including Nietheroy & transit	48 941 <sup>1</sup> 213,658	19.610 54,780	75.274 895.909		2,723,560 8,917 015
Rio & Santos	257,629	S1 390	471,183	9,193,638	11,640,575

## VALUE OF COFFEE CLEARED FOR FOREIGN PORTS.

## IN BAGS OF 60 KILOS.

	Mar. 15	Mar. 8	Mar. 15	Mar. 8	Crop to M	ur. 15/1917
	Bags	Bags	£	£	Pags	£
Rio	56,081	19,500	120.883	42 535	1,639,085	3,518,947
Santos	76 445	121.107	175,739	278 482	7,404,229	17,762,667
Total 1916/1917	132,526	140,637	2 6,622	321,017	9,043,314	21,811,584
do 1915/1916	62,317	246,662	10 896	10,059	11,873,156	20.353,550

# COFFEE SAILED.

During the week ending March 15th, 1917, were consigned to the following destinations:—

## IN BAGS OF 60 KILOS.

PORTS	UNITED STATS	EUROPE & MEDITER- RANKAN	COAST	RIVER	CAPE	ornen Ports	TOTAL FOR WEEK	CROP TO DATE
Rio Santos	78,051	56.081 5	5,156 720	11,389	=	=	61.237 77 165	1,776.655 7,475,965
1916/1917 1915/1916	78,051 68,817	,	,	, .,	i	_ _ _	·	9,252,626 11,494,870

		our (	OWN 8	STOCK					11—RAVENNA—Genoa · Carlo Pareto & Co	1,000
	1	N BAG	S OF 6	o KIJA	<b>.</b>				11—NEUQUEN—Genoa	4,000
RIO Stock on Mar Entries duri					7	••		210,366 40,918	13-MUCURY-Havre Grace & Co	37,000
Londed «Emi	arques	, for the	week Ma	ar. 15th	1917		2	51.279 43.941	. Total overseas	55,081
STOCK IN I	cherey	and Po	rto da M	Iadama -	011			207.338		
• Mar. • Afloat Entries at N	on Ma	r. Sth,	1917	oues incl		24.59 50 16			COASTWISE.	
ding trans	it			dues mo	••	43.94	_		1—ITAPUCA—Porto Alegre Ornstein & C2	
Deduct : em dama and week Mar.	Viann	and s	ailings -	during t	he	61.2			Ditto- " McKinley & Co 75 Ditto- " Castro Silva & Co 50	
STOCK IN N	ICTHE:	ROY AN	D AFLO	AT ON	Mar. 15t	n, 1917.	- -	57.392	Ditto—Pelotas	
STOCK IN 1s and AFI SANTOS Stock on	OAT ( Mar. 8	N Mar th, 1917.	. 15tl: 19	917	•••	2.400.2	37 37	264.790	Ditto-Rio Grande Sequeira & Co 180	788
Entries for	week en	ded Mar	r. šth, t	917	••••	63.66 2.463.96	06		3-AYMORE-Penedo Eugen Urban & Co	20
Loaded (emb STOCK IN	SANTO	S ON	Mar	. 15th,	1917	213.68	_	250.218	3—ITAGIBA—Maceio McKinley & Co	248
Stock in Rio Jo do	and Sa do	0.1	Mar	. 15th, 1 . 8th, 1 . 9th, 19	917	2	2.6	514,948 685,291 242,96	3-ASSU-Pernambuco Eugen Urban & Co	100
				CURR					6-ITAPURA-Pernambuco Sequeira & Co 109	2.10
Durin				March		1917.			Ditto-Natal Sequeira & Co 100	200
<del></del>			·					1 01	6-S. PAULO-Para Eugen Urban & Co 230 Ditto- "Pinheiro & Ladeira 80 Ditto- "Theodor Wille & Co 60	
	Mar. 9	Mar. 10	Mar. 12	Mar. 13	Mar. 14	Mar. 15	Ave-	Clos- ing Mar17	Ditto-         "         Catro Silva & Co         30           Ditto-         "         Ornstein & Co         20	•
RIO-									Ditto— De Lamare Faria 11 Ditto—Pernambueo De Lamare Faria 10	44
Market N. 6 10k	6.605	6.605 6.675 6.468	6.605	6.469 $6.605$ $6.332$	6.469 $6.537$ $6.332$	6,605	6.574	6.400	7—CEARA—Maranhao	
. N. 8	6.468	6.537 6.332	6.465	6.468	6.400 6.196	6.468	6.437 —	l —	Ditto- "         "         Ornstein & Co	
. N. 9	6,332	6,400 6,195 6,264	6.332	6 332 6 060 6 196	6 264 6.060 6.128	6,332 6,196	6.301  6.165	J —	Ditto-         "         Sequeira & Co         45           Ditto-         "         Ornstein & Co         30	
SANTOS- Superior per 10 k				ļ					Ditto—         Castro Silva & Co         25           Ditto—Cecrá         Theodor Wille & Co         380           Ditto—         Ornstein & Co         10	
Good Average Base N. 4	5.400 5.400	5,900 5,400 —	5,900 5 400 —	5.900 5.400 —	5,909 5,400 —	5.900 5.400		5.800	Ditto—Pará Ornstein & Co 60 Ditto—Santarem Pinheiro & Ladeira 25	1,58
N. YORK, per lb								Nomi- nai	8-ITATINGA-Porto Alegre McKinley & Co	20
Spot N. 7 cent.  > > 8 Options	_	=	·	<del>-</del>	_	=	=	=	9-CAMIVARY-Pernambnes Eugen Urban & Co	78
May July Sept	7.42 7.65 7.70	7.50 7.65 7.77	7.66	7.49 7.64 7.76	7 55 7.70 7.82	7.69 7.82 7.95	7.68	7.82	9-JAGUARIBE-Pernambucco Ornstein & Co	150
HAVRE per 50 kilos	1				1.02	1.00	1	1 . 55	10-ITABERA-Pernambuco McKinley & Co	10
Options francs	85.50	86 25	\$6.00	_	85.00		85.68	86.00	11—ITAPACY—Pelotas	10
» July »	84.25 83.50				81.00	81.50	84.45   83,81	84.75	11-ITAQUERA-S. Francisco Grace & Co	1.156
HAMBURG per 1/21 Options pfenni	1		<u> </u>		į į				Total coastwise	5.156
May	=	=	=	=	=	=	=	_		
Sept » LONDON cwt.	-	_	_	_		_	-	_	SANTOS.	
Options shilling	s 54/8	58 (		52/6	58/9	54 <i>j</i> -	53/7		During the week ending March 15th, 1917.	
» July » » Sept »	56/	i		54/-	55/6		-	1 -	9-TERENCE-Buenos Aires Raphael Sampaio & Co	10:
									10-P. DI UDINE-Genoa S. A. Martinelli 1 Ditto-Consumption Nino Paganetti 5	
	M A	NIFE	STS OF	: COF	FEE.				12-TWILIGHT-New York Levy & Co	43 00
		кю	DE JA	NEIR	).				12—BOCAINA—B, Airse	93
Durn	ng the	week	ending	March	15th.	1917.			Ditto- " Indeed of the Valle Loop Jergel & Co 15,000	20
8-DUPLEIX-Hav			.,	rd. Ra					Ditto- " R. Alves Toledo & Co. 5.060	
Ditto- "			Mc	Kinley nheiro	& Co		2.000	9,000	Ditto— " J. Aron & Co	
10-NEPTUNO-Li			., <u>A</u> n	itonio .	Abrancl	 ies	4,370		Dirto— " Santos Copee Co	
Ditto- "			Ca	nha Ra rlo Par rnande	eto &	Co	200		Ditto— Grace & Co 250 Ditto—Consumption J. Aron & Co 1	30.05
Ditto-	,	•••••	Fi	gueirede	Marii	iho		5,081		

	Naumann Gepp & Co. R. Alves Toledo & Co.	600 200 110 . 303	1.213
13-RIO DE LA PLATA-B. Aires.  Ditto- "	Baccarat & Co Leite Santos & Co Arthur Laffont	739 300 100 6 1	1.146
	Total overseas	_	76,445
SANTOS—	COASTWISE.		
	J. C. Mello & Co Louis Boher & Co	312 69	381 、
10-ITATINGA-Pelotas Ditto-Rio Grande		250 30	280
13—ITAQUERA—Pelotas	Venancio de Faria	_	59
	Total coastwise		720

#### PERNAMBUCO MARKET REPORT.

Pernambuco, 9th March, 1917.

Sugar... Entries this month to 5th have been 37,263 bags compared with 34,681 bags for same date last year. The entry shows great reduction this veek owing to heavy rains that have prevailed almost everywhere and if these continue the field operations are likely to get worse. Labour is also scarce in almost every direction and this with fields impassable and lower percentage of sugar canes are now giving, all tend to a reduction in the estimated crop yield. Stocks of the better qualities are getting very low, as for these the demand of the River Plate market has continued brisk and during the week some 95,000 bags of white crystals, Demeraras and usinas have been despatched for steamers now in port and to arrive shortly. 74,000 bags crystals have also been despatched for a steamer coming here to load for Italy. These sales are said to have been made on basis of 6\$600 to 6\$800 bagged for white crystals and opinion seems to be that all the entries for the next few weeks of this quality will be required to make up quantity sold. It is therefore just as well that the home markets are so quiet, but when they do require the better kinds they will probably have to pay more for them; possibly, however, they may be content with lower qualities of which a fair stock now exists, prices of such being at the moment moderate, but any sudden run on them would at once cause a sharp advance in these kinds also. Prices paid to planters this week have been: Usinas 6\$600 to 6\$800, white crystals 6\$300 to 6\$600, whites 3a boa 5\$000 to 5\$300, somenos 4\$000 to 4\$300, bruto secco 3\$000 to 3\$100, all a granel and dealers do not make any change in their price for the bagged article. The market was decidedly firm to-day, there being good demand for all the better qualities at above quotations. Shipments during the week have been: Rao 900 bags, Santos 3,000 bags, Rio Grande ports 4,100 bags, Northern ports 1,675 bags, Montevideo 2,300 bags and Buenos Aires 5,276 bags.

Cotton. Entries to 5th have been 4,308 bags compared with 1,408 bags same date last year and market has remained very dull, with prices lower after every sale. On 3rd a mill bought 400 bags at 29\$ and market closed weak, with no more buyers at the price; market opened on 5th with one buyer at 28\$500, at which about 600 bags were sold to a shipper, market closing with sellers but no more buyers at this figure, and opened on 7th with offers of 28\$, at which 2,500 bags were sold to the mills and shippers; yesterday 200 bags were sold again at 28\$, but market was weak all day and before close about 1,500 bags were sold at 27\$500 down to 27\$, and to-day market opened weak, but if cotton was offered at 27\$ most probably a buyer could be found, although the chief shippers only talk of 26\$500 and some only 26\$, but so far sellers hold out and nothing has yet transpired to-day. Shipments during the week have been: Rio 791 bags, Santos 400 bags, Bahia 135 bags and Porto Alegre 50 pressed bales.

Coffee market is weaker and buyers now only offer 10\$ to 10\$500, but so far sellers do not jump at these prices.

Gereals. A fair business done during the week, but even so prices generally tend lower. Milho 4\$800 to 5\$000 per bag of 60 kilos; beans 15\$500 to 19\$ for imported lots according to quality, and 19\$ to 20\$ for home grown farinha, 7\$ to 8\$ per bag of 50 kilos for imports, with 18\$ to 20\$ per bag of 100 kilos for home grown.

Freights. No change in berth rates. The s.s. Traveller, after being at Rio Grande, will be back here to-morrow to complete her cargo. The s.s. Matador and Inkose are both in port and after landing inward cargoes will load for Liverpool.

Exchange opened on 5th at 11%d. for collection, then 1-16d. better was given for any small business that appeared, but at close rate was down again to 11%d.; 6th, holiday, 7th, 11%d. for collection, with 11 13-16d. for business and closed steady with little or nothing doing. Yesterday same rates prevailed as on 7th and to-day the collection has been again made at 11%d., with so far nothing better offered.

# Railway News

THE LEOPOLDINA RAILWAY COMPANY.

ESTIMATED WEEKLY TRAFFIC RECEIPTS.

Year	Week Ended.	Rec	Total from		
	week Ended.	Currency.	Łxcu.	Sterling.	lst Jan.
1917	10th, Mar.	496:000\$	11 13/16	£ 24,413	£ 240,483
1916	11th. Mar.	874:000\$	11 13/16	£ 18,406	£ 254,096
Increase	-	122:000\$	_	£ 6,005	£ 6,387
Decrease	-	-	_	_	-

## THE S. PAULO RAILWAY COMPANY.

#### ESTIMATED WEEKLY TRAFFIC RECEIPTS.

Year		Rec	TOTAL		
	Week Ended	Currency.	Exchange	Sterling	from 1st January
1917	11th, Feb.	885:707\$700	11 13/16	18,984-1-0	223,727-17-0
1916	12th. Feb.	452:024\$800	11 19/32	21,836-1-11	250,690-3-4
Increase	-	-	7/32	_	_
Decrease	-	66:317\$100	-	2,852-0-11	27,162-6-4

# COCOA

.. Entries of Cocoa at the Port of Ric de Janeiro for the month of February, 1917:--

of February, 1917:	
s.s. Origin—Consignor—Consignee	Bags
1-Monte Moreno, Ilheos, Costa Ribeiro, Costa Ribeiro.	5,000
7—Itaqui, Ilheos, ditto, ditto	10,000
8-Javary, Caravellas, Muller & C., Muller & C.	100
9—Itaipava, Ilheos, F. Stevenson & C., F. Stevenson & C.	1,000
16-Itaituba, Ilheos, ditto, Brazilian Warrant Co	1,000
16—Itaituba, Ilheos V. Peixoto, order	2,000
26-Hiate Progesso, Ilheos, Costa & Ribeiro, ditto	2,380
27—Itaperuna, Ilheos, V. Peixoto, order	2,700
27-Itaperuna, Ilheos, V. Peixoto, Costa & Ribeiro	300
27-Itaperuna, Ilheos, F. Stevenson & C., Braz. Warrants	1,000
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tal .....Bags 25,480

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# RUBBER

Cable Quotations for Hard Fine. London per lb. and Para per

	London s. d.	Para
3rd March, 1917	$\begin{array}{ccc} 3 & 3\frac{1}{2} \\ 3 & 2\frac{1}{2} \end{array}$	5\$500 5\$500
17th March, 1917	3  2	5\$550

#### EFFECTS OF THE BLACKLIST.

Shipments of Rubber from Para and Manaos from 29 March, 1916, to 6 Feb., 1917, in fons of 1,000 kilos.

	Enemy & Blacklist	Allies & American	Portug. Brazilian and other Neutrals	Total
Previously reported	1,448	14,105	9,447	25,000
26/1 Sergipe, Para (Braz.)	60	150	69	279
28/1 Dominie, Para (Brit.)		195	104	299
3/2 Francis, Para (Brit.)	_	491	149	640
6/2 Manco, Para (Brit.)	_	172	238	410
1/2 Manco, Manaos (Brit.)		422	206	628
1/2 Manco, Manaos (Brit.)		119	190	309
6/2 Ceara (Braz.) Manaos	64		_	64
Total 29/3/16 to 6/2/17	1,572	15,654	10,403	27,629

5.7 56.7Coefficient ..... Enemy firms, thanks to the facilities afforded by the Lloyd Brasileiro Line, manage to keep their heads above water, but even so accounted for only 1,572 tons or 5.7 per cent. of the total of 27,649 tons shipped since 29 March last to all destinations and only 9.5 per cent. of the total shipments to New York alone, whilst Allied and American firms together shipped 15,654 tons or 56.7 per cent., and Portuguese, Brazilian and other neutrals 10,403 tons or 37.6 per cent. of the grand total.

37.6

Shipments by Flag:-

Previously reported  British to Europe	31/1/17 to 6/2/17 927 1.359	Total 11,037 9,796
Total British flag	2,286 343	20,833 6,796
Grand total	2,629	27,629

Of the total shipped from the Amazon provinces of Brazil, 75.4 per cent was in British bottoms and only 24.6 per cent in Brazilian bottoms. Of the total of 27,629 tons, 16,592 tons or 60 per cent. went to the United States and 11,037 tons or 40 per cent. to Europe.

Of the total shipments to the United States, 9,796 tons or 59 per cent. were carried in British bottoms and 41 per cent. in Brazilian.

Nothing could be more satisfactory than the manner in which Brazilian and Portuguese firms replaced those of enemy origin.

Some dissatisfaction has been expressed at the apparent preference given to enemy shippers by the Lloyd Brasileiro, so far as the foregoing statistics show, without justification, seeing that enemy shipments by that line since 29 March represent only 23.1 per cent. of the total carried by the steamers of that line. It remains, however, to be seen how the Lloyd Brasileiro will treat British shippers now that the service of the Booth Line is suspended.

# SHIPPING

Engagements. Royal Mail.—It appears that neither the s.s. Araguaya nor Monthmouhtshire will be allowed to take the London coffee engaged for them and if this proves to be the case, it is expected that bean shippers will utilise tde space. The total amount of coffee engaged for these two steamers amounts to some 60,000 bags. Certain cocoa exporters at Bahia, who have proved that their shipments were paid for before Feb. 23, have obtained

licence to ship. There is no news of any further tonnage either for Havre or London

-Mr. Luiz Campos advises that two Johnson Line steamers are expected to arrive shortly at this port with a full cargo from the Plate, where they will await orders before proceeding further.

-Messrs, Wilson, Sons & Co. will have a first-class Norwegian steamer, with capacity for 60,000 bags, offering in April for the United States if sufficient inducement is found for prompt loading at Rio and Victoria.

-We understand that the lease of nine steamers of the Cia. Commercio e Navegação to a British concern is a consummate fact. A coincidence, but a stronge one, is that the strike promoted by the Federação Maritima Brazileira should clash with the announcement, though not official, of the said lease.

Rates of Freight. Brazilian Co.s, Brazil-Bordeaux, 500 fres. per 900 kilos; Brazil-Havre, 500 fres. gold per 1,000 kilos, with tendency pwards.

French Cos .- Brazil-Havre, beginning of April. 355frs. and 10 per cent. per 900 kilos coffee, and 350frs. and 10 per cent. 1,000 kilos for beans.

-Rates of freight to London will be raised from April to 280s. and 5 per cent. Santos and 285s. and 5 per cent for mail boats.

Freights from Brazil-Teneriffe-Las Palmas, 235 pesetas and 10 per cent. direct and 5 pesetas more indirect.

Brazil-Vigo-Corunna-Santander-Gijon, 250 pesetas and 10 per

War Risks. Brazil-Mediterranean, 10 to 12 per cent.; Mediterranean-Brazil and River Plate, 6 per cent; to United States unchanged at 2 per cert.

Meat. The Italian s.s. Atlanta, due at Santos early in April, will load 950 tons of meat for Genoa. This boat will be followed by the s.s. Monte Bianco of the same line.

Cerman Tonnage in United States Waters. (Adapted from "Shipping Illustrated," of Feb. 10, 1917.) The following table shows the location, ownership and tonnage of German vessels now laid up in the harbours of Continental United States, non-contiguous territories, Philippine Islands and the Canal Zone. Unless otherwise specified the vessels listed are steamers. It will be noticed that the sailing and tramp tomage is very small, most of the idle ships being owned by the two leading German lines, Hamburg-American Co. and North German Lloyd. It has been reported that the machinery of many of these vessels has been wrecked, but with the powerful industrial resources at the disposal of the U.S. Government, it is not believed that any machinery damage inflicted to these ships would take more than a few weeks at the outset to repair, should it be decided to take the ships over as an emergency measure. It must not be overlooked that whereas it is easy to cripple a high-speed liner so that it may take mouths to put her back in her original condition, patching up her engines to enable her safely to proceed to sea at a moderate rate of speed is a comparatively easy job.

The tonnage for S. Francisco, Astoria, Portland and Winslow is net, all others gross.

Tons	
New York (27) 275,270 Astoria (2)	4,564
New London (1) 4,761 Portland (1)	
Boston (6) 77,134 Winslow (1)	
Philadelphia (4) 36,331 Seattle (1)	4,424
Baltimore (3) 31,333 Honolulu (10)	33,018
Savannah (1) 2,974 Hilo (1)	7,490
Norfolk (1) 5,454 Pago Pago (1)	6.591
Southport (2) 8,468 Manilla (17)	68,16 <b>9</b>
Charlestown (1) 4,525 Cebu (3)	13,165
Jacksonville (1) 2,789 Zamboanga (3)	4,990
S. Juan (P. Rico) (1) 3,537 Christobal (3)	12,955
New Orleans (2) 10,078	
S. Francisco (3) 7,429	639,155
	Tons
Ownership—	
Tons Hamburg-American Line	
Summary— North German Lloyd	
88 steamers 615.203 German-Australian Line	29,120
8 sailers 14,952 Hansa Line	22.635
Kosmos Line	
630,155 Various (tramps)	30,958
• .	630,155

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Submarine Losses since February 1st, Feb. 1st to 5th, 31 ships of 41.877 tons; 6th, 14 of 44,457; 7th, 13 of 28,875; 8th, 10 of 23.712; 9th, 6 of 10,425; 10th, 7 of 22,424; 11th, 2 of 5,211; 12th, 3 of 8,361; 13th, 4 of 14,196; 14th, 8 of 15,701; 15th, 6 of 6.8(8); 16th, 7 of 21,136; 17th, 3 ships of 6,467 tons; total 116 ships of 239,632 tons. Of the toat! 2 American and 24 other neutral vessels have been sunk since the ceclaration of unrestricted warfare took effect on 1st February. During the first five days allowed by Germany for neutrals to get out of the way, the average was about 6 per diem, rising to an average of 10 for the five days following and dropping to 5 per diem for the 7 days 11 to 17 Feb.

The contrast between the sinking of 3 ships on 17th and 14 on 6th February is most striking, but as the "Annalyst" says, the record covers too short a period to warrant the conclusion that Germany's new submarine campaign is really losing its effectiveness,

though probably that is the fact.

These losses, though less than Germany counted on inflicting, are serious enough. Their effect, adds our contemporary, is to increase the difficulties of ocean transportation for the vast supplies the Allies require and is all the greater because it comes at a time when so many American and other neutral ships are being withheld from transatlantic trade. The tying up of American and neutral ships is a real handicap to our foreign trade, as it will be on our home trade too unless these ships are soon sent to sea again,

During the three days, 5th, 6th and 7th February, \$5,000 tons were sunk by submarines or 28,333 per diem. At the same rate 10,341,543 tons would be disposed of in a year, and it would take less than five years to destroy the tonnage-48,000,000 tons-of the entire world, excepting, of course, Germany's.

-The rates quoted by the North German Lloyd and Hamburg American Lines for athree months after the conclusion of warn, when it is to be expected there will be few if any German steamers left to ship by, are as follows:-Measurement goods, \$40 per ton of 21 c. ft.; provisions, \$2.50 per 100lbs; cotton, \$3.00 per 100 lbs.; sack flour, \$2.00 per 100 lbs.; oats, \$2.50 per 100 lbs. When issuing the circular, it was pointed out that the ships would have to be overhauled, painted, etc., which would occupy some four months, whilst coaling and provisioning could be done ir from 10 to 12 days.

Magnets may be Utilised to locate Sunken Ships. A  $\operatorname{sub-sea}$ magnet invented by a Japanese scientist named Nakahara promises to be instrumental in locating many of the sunken submarines warships and transports, which have gone down in comparatively shallow water. Tests of the magnet over the Japanese naval target grounds recently brought to the surface thousands of projectiles fired in practice. At the present price of scrap iron, the 609,000 shells which lie scattered at the bottom of Japanese bays will be worth some \$3,000,000. It is suggested to use the magnet in extracting the shell scraps from the soil of the European battlefields. The value of this scrap iron alone would mount up to a very large sum. A development of the Nakanara magnet promises to be powerful enough to actually lift sunken vessels from the hotiom of the sea. Magnets are now in use on land which are able to elevate a weight of 40,000 pounds.

World's Mercantile Shipping in 1916. The Bureau of Navigation. Department of Commerce, from various unofficial sources ontitled to credence, estimates that the merchant shipping built in the world during the calendar year 1916 numbered 2,505 vessels of 1,899,943 gross tons,, while during the same period 1,149 vessels of 2,082,683 gross tons were lost through war causes, a net reduction of about 200,000 gross tons, or one-half of 1 per cent, of the world's merchant shipping, which comprised 48,683,136 gross cons, according to Lloyd's register in June, 1916.

The construction of merchant ships for 1916 may be divided as follows:.

Gross tons

Built in U.K. and British Dominions Built in other foreign countries	510	560,239 619,336 720,368
Totl	2,505	1,899,943

Shipping Losses ... According to the New York "Journal of Commerce," of 6th February, 2,361 merchant vessels of 4,368,766 tons gross of ships lost since the beginning of the war, of which 154 vessels of 336,997 tons in January alone, British losses being more than half the total. The respective losses since the beginning of the war are: Allies 1,514 ships of 3,191,583 tons; neutrals. 638 ships of 903,575 tons and enemy 195 ships of 293,608 tons.

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The Allied loses represent about 73 per cent, of the total, the neutral losses slightly more than 20 per cent, and the Teutonic losses something less than 7 per cent.

# VESSELS ARRIVING AT THE PORT OR RIO DE JANEIRO

During the week ending March 15th, 1917.

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During the week ending March 15th, 1917.

March 9,—ITAPACY, Brazilian s.s. 717 tons, from Aracaju 9.—ITAJURU, Brazilian s.s. 180 tons, from Iguape 9.—TRAFAIGAR, Norwegian s.s. 3184 tons, from New York 9.—STEPH R. JONES, American s.s. 3112 tons, from New York 9.—ITAJURA Brazilian s.s. 825 tons, from Porto Alegre 9.—ITAJURA Brazilian s.s. 254 tons, from Porto Alegre 9.—ITAJURA, Brazilian s.s. 254 tons, from Bedife 10.—RAVENNA, Italian s.s. 254 tons, from B. Aires 10.—CAMPISTA, Brazilian s.s. 799 tons, for Genoa 10.—STA. BARBARA, American s.s. 4008 tons, from New York 10.—OVERDALE, British s.s. 2236 tons, from South Georgia 11.—ANGO, French s.sti 4626 tons, from Havre 11.—ESP. SANTO, Brazilian s.s. 134 tons, from the high seas 12.—IRIS, Brazilian s.s., 839 tons, from Para 12.—PYRINEUS, Brazilian s.s. 1340 tons, from Amarragao 12.—IJME BRANCH, British s.s. 1786 tons, from Valparaiso 12.—TUPY, Brazilian s.s. 1785 tons, from Cardiff 12.—PHILADELPHIA, Brazilian s.s. 994 tons, from Montevideo 13.—IIOWICK HALL, American s.s. 3094 tons, from Baltimore 13.—MAYRINE, Brazilian s.s. 575 tons, from Laguna 14.—BORBOREMA, Brazilian s.s. 1820 tons, from Rosario 14.—BRITANNY, British s.s., 1820 tons, from Rosario 14.—BRITANNY, British s.s., 1820 tons, from Genoa 14.—ANNA, Brazilian s.s. 465 tons, from Laguna 15.—ARAGUAYA, British s.s. 6634 tons, from Liverpool 15.—ITASBUCE, Brazilian s.s. 175 tons, from Hajahy 15.—VIRGIL, British s.s. 2141 tons, from B. Aires
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# VESSELS SAILING FROM THE PORT OF RIO DE JANEIRO.

During the week ending March 15th, 1917.

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During the week ending March 15th, 1917.

March. 9.—ITAITUBA, Brazilian s.s. 717 tons, for Aracaju 9.—CAPIVARY, Brazilian s.s. 449 tons, for Macau 10.—JAGUARIBE, Brazilian s.s. 1355 tons, for B. Aires 10.—NEPTUNO, Portuguese barque, 590 tons, for Lisbon 10.—ANTONIO FERRO, Russian tug, 76 tons, for S. Vicente 10.—BUQUEM, Brazilian s.s. 1185 tons, for Benos Aires 10.—BOCAINA, Brazilian s.s. 1355 tons, for Benos Aires 10.—SOCROTRA, Norwegian barque, 1054 tons, for Beltimore 10.—RIO DE LA PLATA, Norwegian s.s. 1257 tons, for Beltimore 10.—RIO DE LA PLATA, Norwegian s.s. 1257 tons, for Beltimore 10.—ITABERA, Brazilian s.s. 1210 tons, for Recife 11.—ITAQUERA, Brazilian s.s. 1210 tons, for Porto Alegre 11.—ITAPACY, Brazilian s.s. 1254 tons, for Porto Alegre 11.—ITAPACY, Brazilian s.s. 125 tons, for Porto Alegre 11.—NILO PECANIIA, Brazilian s.s. 120 tons, for Laguna 12.—OVERSALE, British s.s. 2256 tons, for S. Vicente 13.—SGTE, ALBUQUERQUE, Brazilian s.s. 1450 tons, for Recife 15.—WASCANA, Norwegian s.s. 2612 tons, for Philadelphia 15.—LIME BRANCH, British s.s. 3568 tons, for Liverpool 13.—ANGO, French s.s. 4525 tons, for Buencs Aires 13.—STA BARBARA, American s.s. 4093 tons, for Porto Alegre 13.—MONVISO, Italian s.s. 2775 tons, for Buencs Aires 14.—MUCURY, Brazilian s.s. 3510 tons, for Buenos Aires 14.—MUCURY, Brazilian s.s. 2800 tons, for Havre 14.—AMERICANO, Brazilian s.s. 1890 tons, for Buenos Aires 14.—BAHIA, Brazilian s.s. 2800 tons, for Estuncia 15.—JAVARY, Brazilian s.s. 510 tons, for Estuncia 15.—JAVARY, Brazilian s.s. 510 tons, for Porto Alegre 15.—ARAGUAYA, British s.s. 6534 tons, for Porto Alegre 15.—ARAGUAYA, British s.s. 6634 t
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# VESSELS ARRIVING AT THE PORT OF SANTOS.

During the week ending March 15th, 1917.

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March 10.—SIDDONS. British s.s. 2550 tons, from Glasgow
10.—P. DI UDINE. Italian s.s. 4936 tons, from B. Aires
11.—MAYRINK. Brazilian s.s. 234 tons, from Laguna
11.—RIO DE LA PLATA, Norweg. s.s. 1527 tons, from Montevideo
11.—RIO DE LA PLATA, Norweg. s.s. 1527 tons, from Christiania
11.—ALAYDE. Brazilian s.s. 4716 tons, from Bahia
11.—NEUQUEM, Brazilian s.s. 4716 tons, from Rio
12.—BOCAINA. Brazilian s.s. 871 tons, from Rio
12.—TRAFALGAR. Norwegian s.s. 1384 tons, from New York
12.—1TAQUERA. Brazilian s.s. 551 tons, from Recife
12.—TTAPACY. Brazilian s.s. 551 tons, from Menos Aires
12.—BRAGANCA. Brazilian s.s. 551 tons, from Buenos Aires
12.—BRAGANCA. Brazilian s.s. 551 tons, from Buenos Aires
13.—MABLAND. Norwegian s.s. 499 tons, from Porto Alegre
13.—WAELAND. Norwegian s.s. 499 tons, from Calcutta
13.—LIBERTAD. Argentine s.s. 618 tons, from Rosarto
14.—STA. BARBARA. American s.s. 4908 tons, from Ri
14.—ANGO, French s.s. 4626 tons, from Havre
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# BOATS LOADING OR EXPECTED TO LOAD COFFEE.

# FOR THE UNITED STATES.

·	Capacity	Rio	Santos	Total	Rate of freight			
Purus (Braz.) March	25,000	_	25,000	25,000				
A Jute boat (Ed. Johnston) (Brit.) MarApl	90,000	· -		.—				
Trafalgar (Nor. Kerr Line) Braz. Warrants Mar	50,000	12,000	26,000	38,000	\$1.85; cocoa \$2.20			
August (Amer.) March	95,000	-	_		\$1.75			
Vagland (Nor.) Mar.	42,000	-	42,000	42,000	<b>\$1</b> -75 in full			
Belgian Prince (Brit.) Mar	90,000	20,000	65,000	85,000	\$1.40 in full N. Orlns			
Afghan Prince (Brit.) April	90,000	20,000	15,000	35,000	\$1.40 New Orleans			
Suffolk (Amer.) Mar.	120,000	-	-					
Belos (Swedish) March	60,400	<b>–</b> .	60,400	60,400				
St. Andrews (Norw.) Ed. Johnston & Co., Mar.	85,000		85,000	85,000	\$1.40 New Orleans			
Steamer (Norw Wilsons Sons & Co. MarApl.	60,000							
Saga (Swedish) April	50,000	-		_	· \$1.60			
Medina (Amer.) Lamport & Holt, April	100,000		10,000	10,000	\$1.25			
Felex Taussig (Amer.) Lamport & Holt, April	150,000				\$1.25			
Jungshoved (Danish) Wilson Sons & Co. Apl.	100,000							
Times (Nor. Kerr Line) Braz. Warrants, April.	52,000	_		-	\$1.50 to \$1.60			
Thor (Norw.) May	90,000			. —	•			
That (Harny 22th)								
		FOR SOUTH AFRICA AND EAST.						
Kasato Maru (Jap.) Mar., Wilson Sons & Co.	150,000			_				
Tacoma Maru (Jap.) May, Wilson Sons & Co.	120,000	_	<del>-</del> .	_	•			
	FOR EUROPE.							
No. 1 (Duitish)	18,500	3,500	15,000	18,500				
Araguaya, March (British)	5,000	_						
Deseado (Brit.) Mar.	5,000		_	-				
Drina (Brit.) April	4Ω,000	-	40,000	40,000				
Inversnaid (Brit sv.) Mar. Produc & War'nts	25,000		25,000	25,000	•			
Bougainville (French) April	28,000		28,000	28,000				
Ango (French) March	20,000	5,000	15,000	20,000				
Garonna (French) April	30,000	15,000	15,000	30,000				
Liger (French) Mar	50,000	25,000	25,000	50,000				
Provence (French) April	10,000	20,000			•			
Atlanta (Italian) April	4,000		2,500	2,500	240 pesetas gold			
Leon XIII (Spanish) March	22,000	16,000	2,500	16,000	500 frs. per 900 kilos			
Lapa (Braz.) March		9,000	31,000	40,000	<b>P</b>			
Mossoro, March (Braz.)	40,000	25,000		25,000				
Aracaty, March (Braz.)	35,000	25,000		25,000	480frs. 900k. Marseilles			
Pirangy (Braz.) March	25,000	38,000	*	38,600	460frs. per 900 kilos			
Tijuca, March (Braz.)	38,000	33,000		33,000				
Taquary, (Braz.) March	33,000	<b>16,000</b>	16,000	32,000				
Guahyba, April (Braz.)	32,000	•	10,000					
Campeiro (Braz.) April	55,000	. —	<del>-</del>					
Campinas (Braz.) April	45,000	_	17,000	17,000	250pes. & 5 per cent.			
Balmes (Spanish) April	20,000	****	11,000	3.7,000	250pos. to 5 por tette.			

					By Flag.					
						M	arch	April	May	Total
			,		For U British Neutral	Inited States-	180,000 477,400	90,000 512,000	90,000	270,000 1,079,400
Capacity For United States . For Europe	March 657,400 318,500	April 602,000 262,000	May 90,000 —	Total 1,349,400 580,000	T2 T		657,400	602,000	90,000	1,349,400
For S. Africa & East	150,000		120,000	270,000	British	Lurope—	63,500	5,000		68,500
1	1,125,900	864,000	210,000	2,199,900	French		58,000	45,000		103,000 10,000
·			<u> </u>		Italian Neutral		197,000	10,000 202,000		399,000
							318,500	262,000		580,500
					For S Japanese	3. Africa and	East 150,000	_	120,000	270, <b>000</b>

14.—URANO, Brazilian s.s., 192 tons, from S. Sebastiao 14.—LAURO, Brazilian schooner, 350 tons, from Florianopolis

#### VESSELS SAILING FROM THE PORT OF SANTOS.

During the week ending March 15th, 1917.

March 10.—P. DI UDINE. Italian s.s. 4936 tons, for Genoa 11.—MAYRINK. Brazilian s.s. 234 tons. for Rio 11.—RUY BARBOSA. Brazilian s.s, 557 tons, for Rio 12.—BOCAINA, Brazilian s.s, 871 tons, for B. Aires 12.—AFGHAN PRINCE. British s.s, 3183 tons, for B. Aires 12.—RIO DE LA PLATA. Norwegian s.s, 1527 tons, for B. Aires 12.—SIDDONS. British s.s, 2650 tons, for B. Aires 12.—ITAQUERA. Brazilian s.s, 265 tons, for Porto Alegre 12.—ITAQUERA. Brazilian s.s, 510 tons, for Pelotas 12.—TWILIGHT, American barque. 1580 tons, for New York 12.—H. LUCKENBACK. American s.s. 1799 tons, for New York 13.—JOANNA. Brazilian yacht, 71 tons, for Itajahy 13.—ANNA. Brazilian s.s, 247 tons, for Rio 14.—ITASSUCE. Brazilian s.s, 265 tons, for Recife 14.—NEUQUEM, Brazilian s.s. 1185 tons, for Genoa

# The Week's Official War News

The following communiqué has been received by His Majesty's Consulate General from the Press Bureau:—

London, 16th March, 1917.

The principal events on the British front have been the capture of Irles in the centre of a twelve mile front advance on the Ancre, also the German retirement from the wood of Loupart and the evacuation of Grevillers, whereby the British have converged on Baupaume. The hasty retreat of the Germans from Loupart and other positions in the neighbourhood settles the tactical point that the Germans cannot longer remain an appreciable time on any part of the ridge from Bapaume to Monchy, by reason of which Bapaume is becoming nereasingly untenable. There is every indication that the enemy retirement is likely to continue, his rearguards being uncomfortably hustled by the British advance, the rapidity of which has prevented his usual practice of detsruction of his dugouts before leaving. British guns are being advanced increasingly and speedily and German resistance diminishes proportionately to the distance retreated. The retreat is extending southward toward Peronne, where desperate counter-raids fail to disturb our advance.

The French have been increasingly active in the Saint Mihiel salient and also in Champagne and at Verdun; in each case the fight for the dominating ridge has resulted in favour of the French,

who become the aggressors whenever a desperate German attack is repelled, and they have ended the week considerable gainers in ground with light losses compared to the Germans.

The Roumanians have undergone reorganisation now, comcanded by younger generals with wholesome changes producing improved discipline and confidence. Except the continuous struggle in the Trotus Valley with varying fortunes, cold has prevented operations on a large scale, but the Roumanians and Russians have generally had the best of minor exchanges.

The Italian front is organising for the near future, but continues artillery fighting when the weather clows.

On the Balkan front, the only events are the British advance in the Doiran region of 1,000 yards on a two mile front unopposed; they are now 200 yards from the Bulgarian trenches. The Italians in a brilliant combat east of Monastir, advanced appreciably.

In Mesopotamia, following a heavy Turkish defeat on the Diala river, the British entered Bagdad, forcing the passage of the river. The Turks abandoned the city, the inhabitants welcoming the British Liberators after Turkish cruelties and exactions. The Turks abandoned stores, arms and most of their guns, fleeing northward in disorder, followed by cavalry and harassed by gunboats. General Maude made a night march northward of 15 mlies and routed the Turkish rearguard established at an outpost thirty miles upstream; he also occupied the town of Bakaba. British arms are vindicated throughout the east by a remarkable feat of generalship, involving a march of 114 miles by a sufficient force to capture Bagdad at the end. Meanwhile the Turkish retreat follows a line towards Persia. along which the other Turkish columns fleeing before the Russians after defeats at Hamadan and Kermanshah, had intended to retire on Bagdad. The situation of both Türkish columns is becoming precarious.

General Smuts arriving in London said that he expects the East African campaign to finish in May, but that it is delayed by the rains; only the merest remnant of Germans is left and the South African whites have left the country. He considers the mere suggestion of the returning the colony to Germany as preposterous.

The submarine campaign for the week endeding 11 March is still futile, sailings being 1,959 and arrivals 1,985. 13 vessels over 4 and under sixteen hundred tons being sunk; 16 vessels were unsuccessfully attacked.

The news of the Russian revolution, whereby the Duma controls the State is not expected to have any other war result than the intensifying of the determination of the Russian people to attain victory.

