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Hull & Goole Port Health Authority

ANNUAL REPORT

OF THE

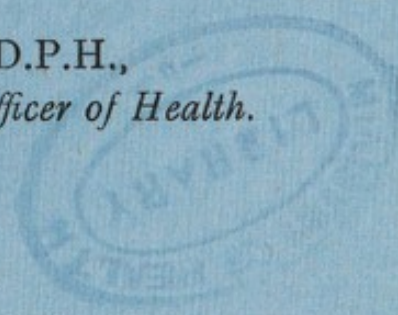
Medical Officer of Health

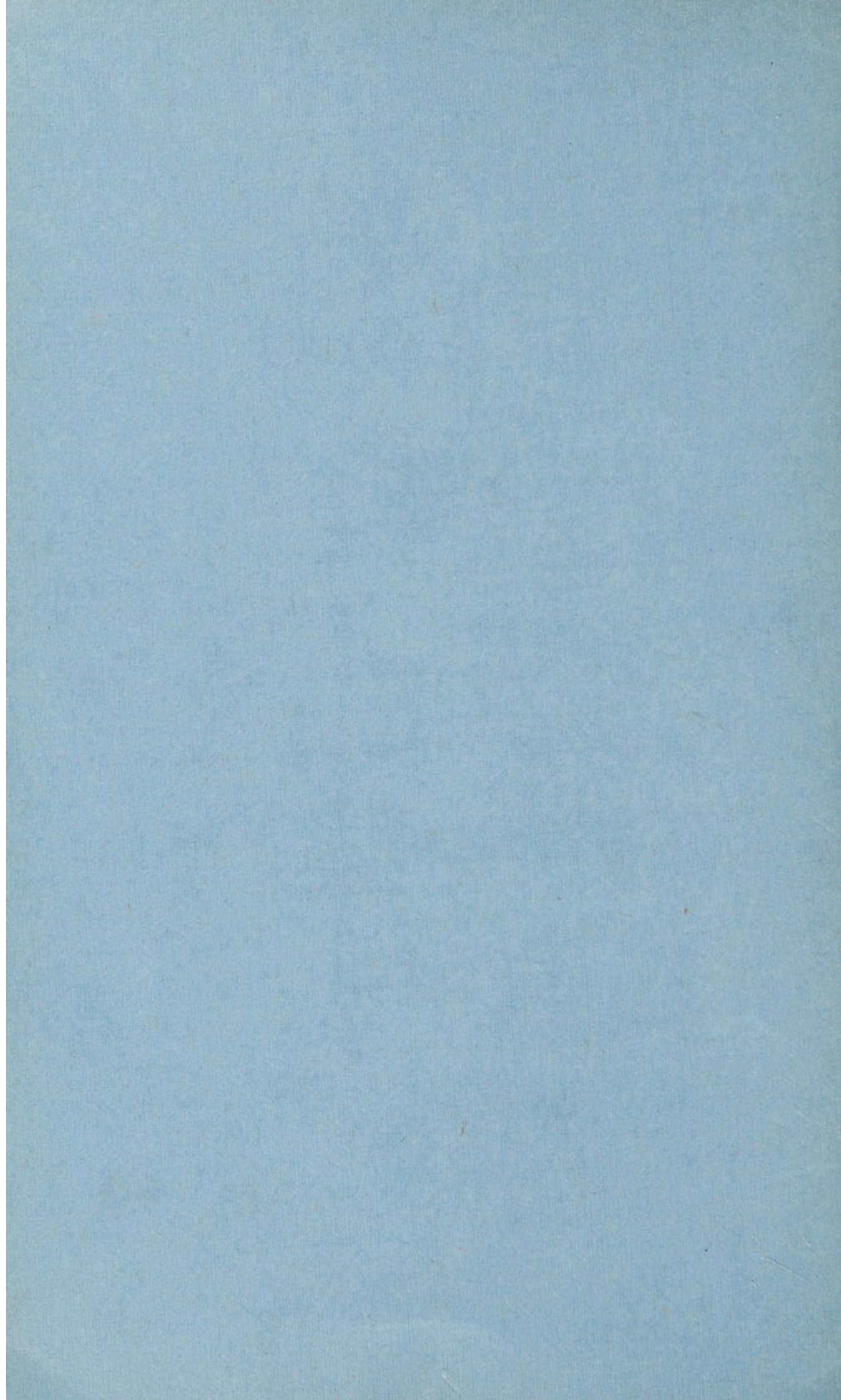
FOR

1949

NICOLAS GEBBIE M.D., D.P.M., D.P.H.,

Medical Officer of Health.





Hull & Goole Port Health Authority

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HULL AND GOOLE PORT HEALTH AUTHORITY

Constituted by an Order of the Local Government Board, dated 11th June, 1887

Members Elected by the Corporation of Kingston upon Hull

ALDERMAN A. STARK (*Chairman*)

ALDERMAN R. E. SMITH

COUNCILLOR H. HARRISON

Members Elected by the Goole Borough Council

ALDERMAN E. JOHNSON (*Deputy-Chairman*)

ALDERMAN E. CREEK

Officers of the Authority—

E. H. BULLOCK, *Solicitor, Clerk*

C. H. POLLARD, *Treasurer*

NICOLAS GEBBIE, M.D., D.P.M., D.P.H., *Medical Officer of Health*

R. H. MOYES, M.B.E., M.D., D.P.H., *Deputy Medical Officer of Health*

G. R. WALKER, M.B., Ch.B., D.T.M., D.P.H.,

Assistant Medical Officer of Health

A. W. MEARN, B.Sc., M.B., Ch.B., D.P.H.,

Assistant Medical Officer of Health (to 31st April, 1949)

J. TONG, B.A., L.M.S.S.A.,

Assistant Medical Officer of Health (from 25th April, 1949)

J. V. L. FARQUHAR, M.R.C.S., Eng., L.R.C.P., Lond.,

Assistant Medical Officer of Health (to 17th Jan., 1949)

F. P. FARRELL, M.B., Ch.B., B.A.O., D.P.H.,

Assistant Medical Officer of Health (from 24th January, 1949 to 21st September, 1949)

R. MILLER, M.B., Ch.B., B.A.O., D.P.H.,

Assistant Medical Officer of Health (from 19th September, 1949)

S. K. APPLETON, M.D., D.T.M., D.P.H.,

Deputy Medical Officer of Health at Goole

D. J. T. BAGNALL, A.C.G.F.C., F.R.I.C., *Port Analyst*

S. RHODES, *Chief Food Inspector*

A. J. W. HARDING, *Senior Port Health Inspector*

M. THOMAS, *Deputy Senior Port Health Inspector*

J. R. Z. BOWNASS, *Port Health Inspector*

G. WALLACE, *Port Health Inspector*

T. A. FOX, *Port Health Inspector*

L. R. GOURD, *Senior Assistant Food Inspector*

B. E. C. COLE, *Assistant Food Inspector*

A. DAY, *Assistant Food Inspector*

G. W. MAXTED, *Assistant Food Inspector (to 4th July, 1949)*

G. A. SANDILANDS, *Assistant Food Inspector (from 5th July, 1949)*

G. E. FOX, *Rodent Searcher*

H. S. ROGERSON, *Rodent Searcher*

W. H. COOK, *Rodent Searcher*.

Clerical Staff:—

S. JOHNSON

S. BROADBENT

R. TAYLOR (to 31st October, 1949)

J. W. RISEAM (to 8th October, 1949)

R. LYON (from 10th — 29th October, 1949)

A. FORSTER (from 31st October, 1949)

Offices of the Authority—

9 PIER STREET, HULL, YORKS.

9 PIER STREET,
HULL.

*To the Chairman and Members of the
Hull and Goole Port Health Authority.*

GENTLEMEN,

I have the honour to submit the Report of the Port Medical Officer of Health of the Hull and Goole Port Health Authority for the year ended 31st December, 1949.

As in former years the report has been prepared in accordance with the instructions of the Ministry of Health contained in Memorandum 302/S.A.

The increase in the volume of shipping entering the Ports of Hull and Goole has continued steadily since the end of the war, both in the number of vessels arriving and in the total tonnage.

The close association between the hospitals in the City and the Port Health Authority has continued throughout the year and at no time has difficulty been experienced in obtaining the admission of seamen to hospital.

The living accommodation on board vessels continues to show improvement and in many cases the standards laid down by the Ministry of Transport are exceeded.

This improvement has now extended to a number of Canal Boats using the port, the accommodation provided being far in excess of the requirements of the Canal Boats Regulations.

The work of the Officers of the Authority maintained its high standard of efficiency throughout the year and I would take this opportunity of thanking them for their loyalty and zeal.

My thanks are also tendered to H.M. Collector of Customs and His Officers, especially the Waterguard ; to H.M. Inspector (Home Office—Aliens Branch) and his staff ; to the Pilots and Dock Masters, and to the Owners, Agents and Masters of vessels for their co-operation. Grateful acknowledgement is also made to the Docks and Inland Waterways Executive at Hull and at Goole for kindly supplying information regarding Imports and Exports.

I am,

Your obedient servant,

NICOLAS GEBBIE, M.D.

Port Medical Officer of Health.

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REPORT.

Jurisdiction of Port.

There has been no alteration in the definition of the limits of jurisdiction of the Port Health Authority.

Amount of Shipping entering the Port during the year.

During 1949, 10,587 vessels entered the Ports of Hull and Goole with a total net tonnage of 6,474,941, as against 9,368 vessels with a total net tonnage of 5,276,887 in 1948.

In the year under review, 510 ships were boarded by the Medical Officers of the Authority ; this shows a decrease of 15 when compared with the figure for 1948.

The Port Health Inspectors visited 6,750 vessels, on 809 of which sanitary defects were discovered ; 313 of these were rectified. In 1948, the figures were respectively 5,962, 869 and 373. Details of this work will be found in Appendix 1, pages 51-58.

HULL

TABLE A

	Number	Tonnage	Number Inspected		Number reported to be defective	Number of vess'ls on which defects were remedied	Number of vessels on which defects were found and reported to Ministry of Transport Surveyors	Number of vess'ls rep'd as having, or having had, during the voyage infectious disease on board.
			By the Medical Officer of Health	By the Sanitary Insp'ctor				
FOREIGN—								
Steamers ..			432	1,732	338	171	25	19
† Motor* ..	4,377	4,402,966	75	1,712	149	32	6	11
Sailing ..			—	—	—	—	—	—
Flying Boat ..			1	—	—	—	—	—
Fishing ..	1,937	356,513	1	702	38	24	29	—
Total Foreign	6,314	4,759,479	509	4,146	525	227	60	30
COASTWISE—								
Steamers ..			—	574	101	37	16	4
Motor* ..	2,046	1,002,553	1	644	42	16	2	—
Sailing ..			—	—	—	—	—	—
Fishing ..	—	—	—	—	—	—	—	—
Total Coastwise	2,046	1,002,553	1	1,218	143	53	18	4
Total Foreign and Coastwise	8,360	5,762,032	510	5,364	668	280	78	34

† Includes 986 Danish Fishing Vessels of which 484 were inspected.

GOOLE

	Number	Tonnage	Number Inspected		Number reported to be defective	Number of vess'ls on which defects were remedied	Number of vessels on which defects were found and reported to Ministry of Transport Surveyors	Number of vess'ls rep'd as having, or having had, during the voyage infectious disease on board.
			By the Medical Officer of Health	By the Sanitary Insp'ctor				
FOREIGN—								
Steamers ..			—	343	23	13	4	—
Motor* ..	1,041	301,177	—	391	48	—	—	—
Sailing ..			—	—	—	—	—	—
Fishing ..	—	—	—	—	—	—	—	—
Total Foreign	1,041	301,177	—	734	71	13	4	—
COASTWISE—								
Steamers ..			—	343	30	14	5	—
Motor* ..	1,186	411,732	—	309	40	6	—	—
Sailing ..			—	—	—	—	—	—
Fishing ..	—	—	—	—	—	—	—	—
Total Coastwise	1,186	411,732	—	652	70	20	5	—
Total Foreign and Coastwise	2,227	712,909	—	1,386	141	33	9	—
Total Foreign & Coastwise, Hull and Goole ..	10,587	6,474,941	510	6,750	809	313	87	34

* Includes mechanically propelled vessels other than steamers.

NOTE.—Sixty-eight informal notices were served on Masters and Officers in charge of vessels at the Ports of Hull and Goole respecting defects and nuisances on board.

CHARACTER OF TRADE OF PORT

Passenger Traffic

During the year, 21,871 passengers, Alien and British, entered or departed from the Ports of Hull and Goole as against 20,935 for the previous year.

There was a decrease of 884 Aliens entering the district when compared with the figure for 1948, and was due in the main to a reduction in the number of arrivals classified as "Business and Pleasure Visitors."

There was an increase over the previous year of 1,123 British passengers outward which can be ascribed to the improved facilities for foreign travel.

TABLE B

HULL Passenger Traffic during 1949

No. of Passengers.		1st Class	2nd Class	3rd Class	Trans-migrants.	Total.
Inwards	Aliens ..	4,322			—	11,029
	British..	6,707			—	
Outwards	Aliens ..	3,868			—	9,682
	British..	5,814			—	

Total Passengers, Inwards and Outwards 20,711

GOOLE

No. of Passengers.		1st Class	2nd Class	3rd Class	Trans-migrants	Total.
Inwards	Aliens ..	103			—	389
	British..	286			—	
Outwards	Aliens ..	170			—	771
	British..	601			—	

Total Passengers, Inwards and Outwards 1,160

Figures for Table B were supplied by H.M. District Inspector (Home Office—Aliens Branch).

Cargo Traffic, including Foreign Countries from which vessels arrive

HULL

The imports and exports passing through the Port of Hull were considerably greater than in 1948 and showed an increase of 240,695 tons and 273,238 tons respectively.

IMPORTS :—

Commodity	1949 Tons	1948 Tons
Fish Landings	256,567	248,552
Fruit and Vegetables	122,127	156,100
Grain, Flour and Milling Offals.	775,503	875,310
Iron and other Ores	86,401	70,429
Iron and Steel and Manufactures thereof	442,171	329,528
Oil and Spirit	1,640,618	1,518,921
Pitwood and Mining Timber ..	177,264	228,118
Other Timber	349,060	275,859
Other Commodities	1,289,902	1,196,101
Totals	5,139,613	4,898,918

EXPORTS :—

Coal, Coke and Patent Fuel ..	2,585,234	2,330,359
Building and Road Making Materials (Ex. Timber) ..	3,850	2,814
Fruit and Vegetables	—	5,308
Grain, Flour and Milling Offals.	58,297	78,797
Iron and Steel and Manufactures thereof	97,085	83,184
Oil and Spirit	19,915	25,642
Other Commodities	410,649	375,688
Totals	3,175,030	2,901,792
TOTAL IMPORTS AND EXPORTS ..	8,314,643	7,800,710

GOOLE

The trade of Goole is chiefly continental and coastwise in character.

IMPORTS :—

Commodity	1949 Tons	1948 Tons
Building and Road Making Material	5,500 $\frac{1}{4}$	3,721
Iron and Steel and Machinery (including Scrap) ..	105,428 $\frac{1}{4}$	39,947
Fruit and Vegetables	3,584 $\frac{3}{4}$	7,797
Farina	10,784 $\frac{1}{4}$	11,151
Strawboards	20,270	
Fertilisers, &c.	13,340 $\frac{3}{4}$	13,865
Sand	72,430 $\frac{3}{4}$	64,574
Sugar	10,360	10,087
Timber	2,395 $\frac{1}{4}$	—
Wool, &c.	19,394	17,163
General Merchandise ..	55,603 $\frac{3}{4}$	107,375
Totals	319,092	275,680

EXPORTS :—

Iron and Steel and Machinery ..	33,054	2,339
Creosote	7,203 $\frac{1}{4}$	11,436
Pitch	35,161 $\frac{1}{2}$	57,542
Refined Tar	5,999 $\frac{3}{4}$	9,172
Wool, &c. /	15,651	3,705
General Merchandise ..	32,547 $\frac{3}{4}$	84,501
Coal and Coke	1,234,993	935,116
Totals	1,364,610 $\frac{1}{4}$	1,103,811
TOTAL IMPORTS AND EXPORTS ..	1,683,702 $\frac{1}{4}$	1,379,491

MEDICAL INSPECTION OF ALIENS.

Annual return by the Medical Inspector of Aliens for the year ended 31st December, 1949.

	Total	Number inspected by the Medical Inspector	Number subjected to detailed examination by the Medical Inspector	Certificates Issued					Trans-migrants
				Lunatic Idiot or M.D.	Un-desirable for Medical Reasons	Physically Incapacitated	Suffering from acute Infectious Disease	Landing necessary for adequate Medical Examination	
(a) Total number of Aliens landing at the Port	4,322	3,338	466	(a)	(b)	(c)	(d)	(e)	—
(b) Aliens refused permission to land by Immigration Officer	38	—	—	—	—	—	—	—	—
(c) Transmigrants	—	—	—	—	—	—	—	—	—
Total Aliens arriving at the Port	4,360	3,338	466	—	—	—	—	—	—

Total number of vessels carrying Alien Passengers 508

Number of vessels dealt with by the Medical Inspector 262

SOURCE OF WATER SUPPLY.

For the Port

				Source of Water
St. Andrew's Dock	..	..	..	Docks and Inland Waterways Executive Supply
Albert and Sir Wm. Wright Docks				do.
Humber Dock	..	..	..	Hull Corporation supply
Victoria Dock	..	..	..	do.
Alexandra Dock	..	..	..	do.
King George Dock	..	..	..	do.
Saltend Jetty, No. 1	..	..	..	do.
„ „ No. 2	..	..	..	do.
Goole Docks	..	..	..	Goole Borough Council supply

The water, which is very pure, is derived from deep wells; its hardness is just over twenty parts per 100,000, about six being permanent.

For Shipping

The water supplied to ships is identical with that of the City and is delivered either by means of water boats or by hydrants situated on the dock-side.

Number of Water Boats and their Sanitary Condition

Docks	Number of Boats			Capacities in Tons
St. Andrew's	3	121, 140, 92
Albert and Sir Wm. Wright	2	65, 63
Humber	1	65
Victoria	2	60, 36
Alexandra	5	75, 60, 50, 50, 50
Goole	2	60, 20

These boats are inspected at frequent intervals by the Authority's Inspectors, who report immediately any conditions which require attention. The vessels are cleaned out periodically and the tanks cement-washed, with the exception of three boats in the St. Andrew's Dock. The tanks on these vessels are lined with a bitumastic material and are scrubbed down at regular intervals. In addition to these measures samples are taken, from time to time, for chemical analysis and bacteriological examination.

Water Examinations

Forty-nine water samples obtained from vessels and water-boats were examined.

(a) CHEMICAL :—

Waters	Total	Satisfactory	Suspicious	Unsatisfactory
From ships and water-boats in docks at Hull	49	43	2	4
	—	—	—	—

The Port Analyst reports :—

“ During the year 42 samples of drinking water from ships in the Hull docks, 6 from waterboats and one from a hydrant were examined chemically. Of the samples taken from the ships, 3 were unsatisfactory and 2 suspicious in quality, whilst one sample from a waterboat was also unsatisfactory.”

(b) BACTERIOLOGICAL :—

Fifty-five samples were examined bacteriologically by the Director of the Public Health Laboratory Service. The results of the examinations were as follows :—

Total	Highly Satisfactory	Satisfactory	Suspicious	Unsatisfactory
55	17	5	12	21

Where the water samples were considered to be unsatisfactory, as the result of the chemical or bacteriological findings, instructions were issued for the water tanks to be cleansed and cement-washed and re-filled with fresh water at this port.

In certain instances, owing to the short stay of the vessels in port, it was impossible to carry out these instructions but the masters of the vessels concerned were advised to boil the water before use and to cleanse and re-fill the tanks at the next port of call. In all cases where the vessels were proceeding to British ports the respective Port Medical Officers of Health were notified of the circumstances.

PORT HEALTH REGULATIONS, 1933 & 1945.

During the year 23 cases of infectious diseases were found on vessels arriving at the port ; 21 of these were members of crews, and 2 were passengers.

The cases were as follows :—Influenza 3, malaria 6, tuberculosis 3, pneumonia 5, enteric fever 1, scarlet fever 2, whooping cough 2 and measles 1.

Of the 33 cases of infectious disease occurring on vessels during the voyage but disposed of prior to arrival, 27 were cases of malaria.

No case or suspected case of human plague, cholera, yellow fever or smallpox occurred within the area of the Authority during 1949.

Details of cases of infectious sickness landed from vessels are shown in Table C, page 19, and in Table D, page 19, particulars of cases of infectious sickness occurring on vessels during the voyage but disposed of prior to arrival.

Appendix 2 (pages 44-46) gives a monthly return of the ships boarded by Medical Officers and their ports of origin.

Details of cases of infectious sickness occurring on vessels during the voyage to Hull or Goole will be found in Appendix 4 (pages 48-50).

S.S. "GRELROSA "

The above-named vessel arrived at Hull on the 19th December, 1949, from Lagos and Freetown, ports scheduled by the Port Medical Officer as "Infected Areas," and was accordingly displaying the appropriate night signal.

Shortly after the vessel was boarded by a Medical Officer two superintendents, representing the owner of the vessel, came on board before pratique had been granted.

The circumstances were reported to the Authority and on their instructions proceedings were instituted for contravention of Article 16 of the Port Sanitary Regulations, 1933. Defendants pleaded "guilty" and were fined £10 each and costs.

BOARDING OF VESSELS ON ARRIVAL

The arrangements made on the 1st September, 1948, whereby all vessels arriving in the district from "Infected Areas" should display the signal "L.I.M." ("I require Port Medical Officer"), in addition to the requirements of the Port Sanitary Regulations, 1933, have been in operation during the year under review and are working satisfactorily.

NOTIFICATION TO THE AUTHORITY OF INWARD VESSELS REQUIRING SPECIAL ATTENTION (WIRELESS MESSAGES, LAND SIGNAL STATIONS, INFORMATION FROM PILOTS, CUSTOMS OFFICERS, ETC.)

The provisions of Article 6 of the Port Sanitary Regulations, 1933, were applied to the district under the jurisdiction of the Authority from the 1st December, 1948. Radio telegrams regarding the arrival of incoming vessels are received from the Humber Radio Station via the General Post Office.

HOSPITAL ACCOMMODATION AVAILABLE FOR PLAGUE, CHOLERA, YELLOW FEVER, SMALLPOX AND OTHER INFECTIOUS DISEASES

Cases of plague, cholera, yellow fever, smallpox, or any other cases of infectious disease, can be treated at the Castle Hill Hospital and Sanatorium, Cottingham, E. Yorks., which came under the control of the Regional Hospital Board on the 1st July, 1948.

AMBULANCE TRANSPORT

Ambulances for the removal of patients to hospital are provided at all times by the Kingston upon Hull Ambulance Service. Vans are also available for the conveyance of bedding, etc., to and from the Corporation Disinfecting Station.

ARRANGEMENTS FOR THE BACTERIOLOGICAL OR PATHOLOGICAL EXAMINATION OF RATS FOR PLAGUE

The bacteriological examination of rats for plague is carried out by the Public Health Laboratory Service, directed by the Medical Research Council for the Ministry of Health.

ARRANGEMENTS FOR OTHER BACTERIOLOGICAL OR PATHOLOGICAL EXAMINATIONS

The bacteriological examination of samples of foodstuffs and drinking water from ships' tanks is now performed entirely by the Public Health Laboratory Service.

INFORMATION AS TO THE LOCATION, DAYS AND HOURS OF THE AVAILABLE FACILITIES FOR THE DIAGNOSIS AND TREATMENT OF VENEREAL DISEASE AMONG MERCHANT SEAMEN UNDER INTERNATIONAL ARRANGEMENTS, INCLUDING IN-PATIENT TREATMENT ! ALSO AS TO THE STEPS TAKEN TO MAKE THESE FACILITIES KNOWN TO SEAMEN

The administration of the Venereal Diseases' Clinic is under the control of the Regional Hospital Board. The hours of attendance are as follows :—

Monday	11-0 a.m. to 12-30 p.m.
	5-0 p.m. to 6-30 p.m.
Tuesday	11-0 a.m. to 12-30 p.m.
	5-0 p.m. to 6-0 p.m.
Wednesday	11-0 a.m. to 11-30 a.m.
	5-0 p.m. to 7-0 p.m.
Thursday	11-0 a.m. to 12-30 p.m.
Friday	11-0 a.m. to 12-30 p.m.
	5-0 p.m. to 6-0 p.m.
Saturday	11-0 a.m. to 12-30 p.m.

During the year, 679 seamen were treated for Venereal Disease at the Mill Street Clinic, Hull.

TABLE C
Cases of Infectious Sickness landed from Vessels

Disease	No. of Cases during the Year		No. of vessels concerned	Average No. of Cases for previous 5 years
	Passengers	Crew		
Malaria	—	6	6	6.0
Pneumonia ..	—	5	5	3.2
Influenza	—	3	3	1.4
Pul. Tuberculosis .	—	3	2	1.8
Scarlet Fever ..	—	2	2	.8
Whooping Cough ..	2	—	1	.4
Enteric Fever ..	—	1	1	.6
Measles	—	1	1	.8
Dysentery	—	—	—	1.0
Diphtheria	—	—	—	.8
Rubella	—	—	—	.6
Chicken-pox ..	—	—	—	.4
Mumps	—	—	—	.4
Acute Anterior Poliomyelitis ..	—	—	—	.4
Cerebro-spinal Meningitis ..	—	—	—	.4

TABLE D
Cases of Infectious Sickness occurring on vessels during the voyage but disposed of prior to arrival

Disease	No. of Cases during the Year		No. of vessels concerned	Average No. of Cases for Previous 5 Years
	Passengers	Crew		
Malaria	—	27	13	16.2
Pul. Tuberculosis .	—	3	3	1.2
Yellow Fever ..	—	2	1	.4
Influenza	—	1	1	.2
Enteric Fever ..	—	—	—	1.0
Diphtheria	—	—	—	1.0
Chicken-pox ..	—	—	—	.8
Small-pox	—	—	—	.2
Dysentery	—	—	—	.2
Mumps	—	—	—	.2

MEASURES AGAINST RODENTS

STEPS TAKEN FOR DETECTION OF RODENT PLAGUE

(a) On Ships in the Port

The Authority's Rodent Searchers continue to trap vessels from Infected Areas and on all other ships where there is evidence of a rat population.

All rats trapped or found dead on board are brought to the office, where a proportion of those trapped and all found dead are submitted to the Director of the Public Health Laboratory Service for examination for the presence of disease.

(b) On quays, wharves, warehouses, &c., in the vicinity of the Port.

Although the jurisdiction of the Authority does not extend to the neighbouring quays, wharves, warehouses, etc., the rat catchers of the Docks and Inland Waterways Executive (North Eastern Region), from time to time submit rats which have been caught in their warehouses for bacteriological examination. These are submitted to the Director of the Public Health Laboratory Service for examination.

Table F (page 22) gives details of the rats caught month by month.

MEASURES TAKEN TO PREVENT THE PASSAGE OF RATS BETWEEN SHIPS AND THE SHORE

All ships from "Infected Areas" are required to place efficient rat guards on all mooring ropes to prevent the passage of rats between ships and the shore. The Port Health Inspectors pay daily visits to ships to see that this order is carried out.

METHODS OF DERATISATION

Ships.—Three methods of rat destruction were used at this port during the year: (1) Fumigation by Hydrogen Cyanide, (2) Fumigation by Sulphur Dioxide and (3) Trapping. Poisoning was not used as a means of deratisation.

Particulars of the work undertaken during the year are shown in Tables G and H (pages 23-24).

Premises in the Vicinity of Docks and Quays.—Trapping and poisoning are the only methods used by the rat catchers employed by the Docks and Inland Waterways Executive (North Eastern Region). Details of this work are given in Table F (page 22).

MEASURES TAKEN FOR THE DETECTION OF RAT PREVALENCE IN SHIPS AND ON SHORE.

The Authority's Rodent Searchers board all vessels from "Infected Areas" which are searched for signs of excreta, runs, gnawing, nests, damage to cargo, or any other evidence of the presence of rats. Where evidence of recent rat infestation is found traps are set to confirm the findings. Any other vessel is fully examined by the Rodent Searchers where, from information supplied by the crew, foremen stevedores, or the Port Health Inspectors, the presence of rats is suspected.

The Inspectors also pay daily visits to all ships from "Infected Areas" and in the normal course of their duties ascertain if there is any evidence of rats on board.

RAT-PROOFING

(a) To what extent are docks, wharves, warehouses, &c., rat-proof?

The Hull Docks and Warehouses are:—

Name of Dock	Year Opened	Area in Acres	Number of Warehouses
Humber	1809	7 $\frac{1}{4}$	3
Prince's	1829	6	2
Railway	1846	2 $\frac{3}{4}$	4
Victoria (and Basins)	1850	24	7
Albert	1869	24 $\frac{1}{2}$	12
William Wright	1880	5 $\frac{3}{4}$	3
St. Andrew's (and Extension)	1883	19	—
Timber Ponds, Nos. 1 and 2 and No. 2 Extension	1883	39 $\frac{3}{4}$	—
Alexandra (and Extension)	1885	53 $\frac{1}{2}$	13
King George	1914	53	6 and grain silo.
Saltend Oil Jetty, No. 1.	1914	—	—
" " " No. 2	1928	—	—

A number of warehouses were damaged as result of enemy action and, in many cases, are in course of reconstruction.

The King George Dock, with its warehouses and grain silo, can be considered rat-proof according to modern requirements. The warehouses and silo are concrete structures, with raised concrete loading platforms and designed on most up-to-date lines to prevent ingress of rodents.

(b) Action taken to extend rat-proofing

(1) *In ships*.—Every opportunity is taken to extend rat-proofing on board ships and where existing rat-proofing measures are defective, instructions are given for the necessary repairs to be effected.

(2) *On shore*.—During the year under review there has been no occasion to complain of the scavenging of the Dock Estate, which, from almost daily observation, appears to be carried out in a fairly satisfactory manner.

TABLE E
Rats destroyed during the year
(1) On Vessels

Number of Rats	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total in year
Black Rats ..	208	329	49	44	88	120	69	74	108	153	158	9	1409*
Brown Rats ..	—	—	—	—	—	—	—	—	—	—	—	—	—
Species not recorded	—	—	—	—	—	—	—	—	—	—	—	—	—
Rats examined ..	17	15	8	3	3	—	3	11	11	7	7	—	85
Rats infected with Plague ..	—	—	—	—	—	—	—	—	—	—	—	—	—

* This total includes 891 rats killed as a result of fumigation.

TABLE F
(2) In Docks, Quays, Wharves and Warehouses

Number of Rats	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total* in year
Black Rats ..	49	11	34	28	54	33	46	95	71	65	107	47	640
Brown Rats ..	124	114	82	74	93	60	49	61	68	122	240	225	1312
Species not recorded	—	—	—	—	—	—	—	—	—	—	—	—	—
Rats examined ..	—	—	13	3	7	—	5	2	4	—	9	5	48
Rats infected with Plague ..	—	—	—	—	—	—	—	—	—	—	—	—	—

* The above rats were caught by Rat Catchers employed by the Docks and Inland Waterways Executive (North Eastern Region)

TABLE G
Measures of Rat Destruction on Plague "infected" or "suspected" Vessels or Vessels from plague infected Ports
arriving in the Port of Hull during the year

Total Number of such Vessels arriving	Number of such Vessels fumigated by S.O.2.	Number of Rats killed	Number of such Vessels fumigated by H.C.N.	Number of Rats killed	Number of such Vessels on which trapping, poisoning, &c., were employed	Number of Rats killed	Number of such Vessels on which measures of Rat destruction were not carried out
332	2	15	†19	516	165	225	134

† On 12 of these vessels trapping was carried out.

TABLE H
Deratisation Certificates and Deratisation Exemption Certificates issued during the year

Net Tonnage	No. of Ships	No. of Deratisation Certificates issued					No. of De- ratiation Exemption Certificates issued	Total Certificates issued
		After fumigation with			After Trapping, Poisoning, &c.	Total		
		†H.C.N.	Sulphur	H.C.N. & Sulphur				
Ships up to 300 tons	174	1	—	—	1	2	172	174
“ from 301 tons to 1,000 tons ..	119	5	—	—	1	6	113	119
“ from 1,001 tons to 3,000 tons ..	85	14	—	—	—	14	71	85
“ from 3,001 tons to 10,000 tons..	136	25	2	—	—	27	109	136
“ over 10,000 tons	—	—	—	—	—	—	—	—
TOTALS	514	45	2	—	2	49	465	514

† 35 vessels were fumigated by liquefied hydrogen cyanide, and 10 by “Cyanosorb.”

HYGIENE OF CREWS' SPACES

TABLE J

Classification of Nuisances

Nationality of Vessels	Number inspected during 1949	Defects of original construction.	Structural defects through wear and tear	Dirt, vermin and other conditions prejudicial to health
British.. ..	4,146	161*	678	1,871
Foreign	3,114	847*	76	118

* 130 defects on British ships and 284 defects on those of other nations arose as a result of structural alterations.

Smoke Nuisances

Vessels lying in the docks have been watched and, where necessary, those in charge of fires on board have been cautioned and requested to be careful when firing up, so as to avoid creating a nuisance by the emission of black smoke.

Parrots (Prohibition of Import) Regulations, 1930

In accordance with the above regulations, 19 parrots, 23 budgerigars and 2 parrakeets were dealt with during the year.

The effect of these regulations is to prevent the importation of parrots into this country, except in certain exceptional cases.

SHIP SANITATION

The continued general improvement in crews' accommodation observed in new tonnage during the past few years has been maintained and in some cases the requirements of the regulations governing this aspect of ship construction have been exceeded. A new era has dawned for the British merchant seaman and it is to be hoped that he will in turn play his part in the maintenance of the high standard of accommodation which has taken so long to provide. It is to be regretted that no powers exist which would enable the crews' accommodation in all pre-war ships to be brought up to the same high standard. There are many ships afloat to-day which fall far short of present day requirements.

The statistics relating to defects in Table A, page 10 of this report do not present a complete picture of this aspect of the work of the Authority. Column (5) indicates that there were 809 ships reported as being defective, while column (6) records only 313 of these as being remedied. It must be pointed out, however, that on 465 vessels British and Foreign, defects of original construction or defects due to structural alterations were found. Port Health Authorities have no legal powers with regard to the remedying of these conditions and in practice the procedure is, so far as British ships are concerned, to forward a letter to the Ministry of Transport informing them of the existence of these defects in order that they may take any action considered necessary. With regard to foreign-owned ships having defects of this type, the only action available is to draw the attention of the Master to their existence and to hope for the best. The recording of such defects in foreign ships can be useful if and when comparative statistics are required.

CERTIFICATES OF HEALTH

During the year eighteen Certificates of Health were issued to a firm in respect of consignments of woollen rags for export to Russia. These certificates were to the effect that at the time of export there were no epidemics of Cholera, Typhus Fever, Plague, Yellow Fever or Smallpox existing in the Ports of Hull and Goole and that the ports were also free from Foot and Mouth Disease.

Dangerous Drugs (No. 3) Regulations, 1923

Three applications were received for certificates to procure dangerous drugs under the provisions of the above regulations. The drugs were for use on the following vessels :—s.t. "Skallagrimmur" (Icelandic), m.v. "Haukefjell" (Norwegian) and s.s. "Anfa" (Panamanian).

Canal Boats

Number of inspections to Canal Boats	507
Additional Inspections made to ascertain if notices served and verbal cautions given had been complied with	38
Total number of Inspections ..	545

The 507 inspections were made on 307 boats which are registered to accommodate 1,090 adult persons and 544 children, whilst 573 adults (567 males and 6 females) and 2 children were found to be occupying them.

Contraventions

Number of Canal Boats with contraventions	56
Number of contraventions	92
Number of contraventions remedied	22

In all cases where notices or letters have been addressed to the owners of the boats contravening the provisions of the Public Health Act, 1936, and the Canal Boats Regulations, the masters of the boats concerned have also been cautioned verbally.

Registration Particulars

Total number of Canal Boats on the register on 31st December, 1948	1,055
Total number of Canal Boats registered during 1949 ..	37
	1,092
Registrations cancelled during 1949	6
Total ..	1,086

Particulars of registrations during 1949 :—

Boats not previously registered	25
Boats previously registered with other Authorities ..	1
Boats on which structural alterations had taken place ..	11
Total registrations ..	37
Copy Certificates issued	14
Certificates endorsed in consequence of :—	
Change of ownership	9
Change of address of owner	6
Change of name of boat	—
Total endorsements ..	15

During the year no notifications were received from medical practitioners of any case of infectious disease having occurred on canal boats in the district.

Legal Proceedings

It has not been found necessary during the year to institute legal proceedings.

The Hull and Goole Port Health Authority is probably one of the largest Canal Boat Registration Authorities in the country and it is interesting to note that several new boats have been put into service which embody improvements far in excess of the provisions of the Canal Boats Regulations, 1878. The changes include improvements in ventilation, lighting, heating, normal amenities and the provision of excellent water-closet accommodation. These improvements have followed along the lines adopted in larger ships and much credit must go to the designers and builders who have made these alterations in spite of the absence of legislative guidance.

The time would appear to be opportune for the revision of the existing regulations in order to conform with the many changes which have taken place over the past few years and which are now considered essential to the well-being of those who live and work on board these boats.

FOOD INSPECTION

HULL

Report of the Chief Food Inspector

Public Health (Imported Food) Regulations, 1937-1948

Visits to Docks :—	1,906
Number of steamers from which cargoes were inspected	1,002
Number of packages landed therefrom	8,087,384
Number of detention notes issued by H.M. Customs	182

PARTICULARS OF "PROHIBITED" MEAT DISCOVERED.

N I L

PARTICULARS OF " MEAT PRODUCTS—SECOND SCHEDULE "

Where from	Description	Quantity
Aarhus	Offal	61 casks
Amsterdam	Veal and Ham Loaf ..	5,022 boxes
"	Meat Preserves	2,129 "
"	Jellied Veal	224 "
"	Luncheon Meat	200 "
"	Tinned Meat	2,327 "
Argentine	Corned Beef	136,786 cases
"	Lard	2,535 casks
Australia	Mutton	26,745 carcasses
"	Hoggets	24,963 "
"	Lamb	121,369 "
"	Tegs.	20,951 "
"	Liver	1,214 packages
"	Hearts	580 "
"	Bacon	1,440 "
"	Pork	227 sides
"	Beef and Veal	198 packages
"	Beef Sundries	468 "
"	Veal Sundries	188 "
"	Pig Sundries	100 "
"	Sheep Sundries	536 "
"	Corned Mutton	500 "
"	Mutton Kidneys	1 crate
"	Corned Beef	800 cases
"	Beef Hinds and Crops ..	474 packages
"	Frozen Beef and Pork ..	5,617 "
"	Frozen Rabbits and Hares	80,271 cases
"	Corned Beef and Mutton .	10,000 "
"	Minced Loaf	200 "
"	Bacon Rashers	600 "
"	Ox Crops	4,480 bags
"	Heifers' Hinds	539 "
"	Ox Hinds	9,518 "
"	Cows' Hinds	1,963 "
"	Cows' Rumps and Loins ..	8 "
"	Ox Buttocks	148 "
"	Shin Beef	168 "
"	Ox Cheeks	120 "
"	Ox Thin Skirts	63 "
"	Ox Thick Skirts	36 "
"	Tongue Roots	60 "
Australia	Ox Tails	47 bags
"	Whole Hearts	49 "
"	Beef Hearts	604 "

Where from	Description	Quantity
Australia	Heifers' Crops	189 bags
"	Ox Rumps and Loins	65 "
"	Pork Livers	51 cartons
"	Beef	902 quarters
"	Beef and Veal Kidneys	198 boxes
"	Cows' Buttocks	3 bags
"	Ox Livers	158 "
"	Ox Tongues	75 "
"	Raw Tripe	62 "
"	Beef Cheeks	320 "
"	Thin Skirts	322 "
"	Cows' Crops	347 "
"	Meat Sundries	3,491 packages
"	Lamb Sundries	140 "
"	Mutton Sundries	47 "
"	Boneless Rabbit Meat	142 "
"	Beef	94 bags
"	Lamb Pieces	534 "
"	Beef, Veal and Pork	1,682 packages
"	Pork Legs	285 bags
"	Lambs' Livers	327 cartons
"	Tallow	975 drums
Auckland, N.Z.	Tallow	3,709 barrels
"	Mutton	48,272 carcasses
"	Edible Stearine	300 packages
"	Pressed Meat	136 "
"	Bone in quarter Beef	4,232 bags
"	Lamb	83,845 carcasses
"	Frozen Pork	190 packages
"	Bone in Beef	4,741 bags
"	Qrs. of Beef	8,326 "
"	Meat Sundries	2,374 packages
"	Pork Legs	519 "
"	Shoulders	580 bags
"	Heads	112 "
"	Pigs' Hearts	14 "
"	Kidneys	7 "
"	Beef Livers	53 "
"	Corned Beef	5,000 packages
"	Casings	40 casks
"	Sausage Casings	133 "
"	Sheep Guts	3 "
"	Dehydrated Lungs	65 "
Copenhagen	Udders	612 barrels
"	Feet	3,123 packages
"	Tails	212 "

Where from	Description	Quantity
Copenhagen	Rinds	128 packages
"	Chitterlings	306 "
"	Bacon	92,051 bales
"	Cap Ends	35 packages
"	Casings	290 "
"	Maws	209 packages
"	Fat Ends	6 "
"	Snouts	158 "
"	Tinned Pork	7,571 "
"	Sausages	898 "
"	Tinned Meat	49,070 "
"	Offals	502 "
"	Pork	1,000 "
"	Pork Brawn	91 "
"	Pigs' Feet and Snout	101 "
"	Hog Caps	5 "
"	Hog By-products	50 "
"	Middles	286 "
Denmark	Tinned Meat	3,851 "
"	Udders	6 "
"	Tails	17 "
"	Feet	1 "
"	Offal	55 "
Gdynia	Bacon	49,337 bales
"	Gammons	176 packages
"	Pig Casings	509 "
"	Middles	505 "
"	Pigs' Feet	109 "
"	Chopped Pork	705 "
Göteborg	Pigs' Maws	213 "
"	Casings and Maws	74 "
"	Hog By-Products	195 "
"	Chitterlings	198 "
"	Cap Ends	27 "
"	Hogs' Feet	15 "
"	Canned Pork	200 "
"	Pork	600 "
Holland	Tinned Meat	1,930 "
Lyttleton N.Z.	Edible Tallow	268 "
Malmö	Chitterlings	64 "
"	Hog Caps	15 "
"	Pigs' Maws	33 "
"	Hog Casings	6 "
New Zealand	Edible Tallow	1,306 "
"	Tallow	1,485 "
"	Mutton	10,866 carcasses

Where from	Description	Quantity
New Zealand	Beef	4,862 packages
"	Sheep and Lamb Casings ..	56 "
"	Boneless Beef	6,133 "
"	Boneless Veal	3,632 "
"	Offal	5,889 "
"	Lamb	27,654 carcasses
"	Tegs... ..	1,222 packages
"	Frozen Sundries	856 "
"	Hog Grease	34 "
"	Stearine	100 "
"	Boned Mutton	3,537 "
"	Casings	3 "
"	Canned Whalemeat ..	3,500 "
Odense	Offal	43 "
"	Bacon	4,417 bales
"	Tinned Meat	150 packages
Oslo	Maws	10 "
"	Meat	200 "
"	Beef Bungs... ..	5 "
Poland	Bacon	31,038 bales
"	Middles	64 packages
"	Gammons	3 "
Rotterdam	Tinned Meat	837 "
"	Hog Casings	24 "
"	Jellied Veal	50 "
Stockholm	Hog Casings	4 "
Sweden	Chitterlings	267 "
"	Cap Ends	70 "
"	Maws	206 "
"	Fat Ends	26 "
"	Pig Products	836 "
"	Casings	10 "
"	Pigs' Offal	403 "
"	Hog By-Products	47 "
"	Pigs' Feet	28 "
"	Rinds	67 "
"	Pork	400 "
"	Casings	12 "
U.S.A.	Lard	29,070 "
"	Hog Sides	2,296 "
Wellington N.Z.	Pork Sides	1,620 "
"	Pork Heads	796 "
"	Lambs and Teg	51,647 carcasses
"	Lambs,' Sheep's and Pigs' Livers	1,082 packages
"	Boneless Beef	1,075 "

Where from	Description	Quantity
Wellington N.Z.	Boned Mutton	4,113 carcasses
"	Mutton, Lamb and Teds ..	44,087 carcasses
"	Tongues, Offal etc. ..	424 packages
"	Lambs' and Teds' Livers ..	419 "
"	Tallow	300 "
"	Mutton	21,470 carcasses
"	Pork, Livers and Kidneys ..	948 packages

OTHER FOODSTUFFS INSPECTED

Description	Quantity
Crab Paste	1,100 packages
Syrup Waffles	130 "
Apple Juice	78 "
Glaze Cherries	500 "
Confectionery Mixture ..	200 "
Manderines	73,708 "
Sweetfat	122,489 "
Tomatoes	551,543 "
Shallots	500 "
Cheese	305,716 "
Custard Powder	33,508 "
Crisp Bread	10 "
Apples	172,977 "
Butter	439,849 "
Jam	32,000 "
Tinned Fish	43,957 "
Gherkins	7,588 "
Tinned Vegetables	3,441 "
Pickle	1,050 "
Tinned Milk	238,552 "
Chocolate Spread	1,321 "
Tinned Rabbit	405 "
Fruit	27,026 "
Tinned Fruit	18,761 "
Farina	270 "
Peas	2,393 "
Cucumbers	177,330 "
Radishes	8,709 "
Fruit Pulp	2,957 "
Parsnips	1,481 "
Spinach	20 "
Milk Powder	10,651 "
Almonds	120 "
Whey Powder	5,450 "
Walnuts	12,812 "
Tinned Tomatoes	4,000 "

Description	Quantity
Salad Cream	5,585 packages
Strawberries	569 "
Rhubarb	100 "
Pears	759,307 "
Fat	11,845 "
Cornflour	6,700 "
Potatoes	459 "
Cherries	44,053 "
Prawns	121 "
Bilberries	701,790 "
Red Currants	486 "
Vegetables	13,099 "
Malt Extract	480 "
Gherkins in Vinegar	1,435 "
Cranberries	400 "
Tinned Peas	1,266 "
Sweets	189 "
Malt Syrup Extract	126 "
Dried Milk	1,480 "
Canned Roes	50 "
Nuts	1,200 "
Mushrooms	62 "
Cake Filling	800 "
Suzettes	214 "
Cauliflowers	99,651 "
Grapes	129,697 "
Onions	899,065 "
Lemons	72,269 "
Mussels	16,318 "
Fresh Fish	12,892 "
Milk Block	20,000 "
Eggs	572,937 "
Condensed Milk	39,467 "
Tangerines	3,705 "
Oranges	593,270 "
Dates	6,195 "
Lettuce	87,180 "
Preserved Vegetables	5,055 "
Poultry	2,772 "
Biscuits	13,617 "
Sauerkraut	3,698 "
Rabbits	6,286 "
Egg Pulp	11,198 "
Vegetables in Brine	2,542 "
Cockles	320 "
Grape Fruit	104,000 "
Shrimps	2,116 "

Description				Quantity	
Melons	..	..	..	31,788	packages
Bakery Fat	..	..	..	220	"
Filberts	..	..	..	2,300	"
Horseradish	..	..	..	230	"
Bananas	..	..	..	135,535	"
Dessert Powder	..	..	..	11,073	"
Baking Cream	..	..	..	3,654	"
Chestnuts	..	..	..	4,763	"
Carrots	..	..	..	8,442	"
Barcelonas	..	..	..	960	"
Pastry Mixture	..	..	..	39,719	"
Pickled Walnuts	..	..	..	2	"
Chocolate Vermicelli	..	..	..	1,023	"
Chicken Soup	..	..	..	50	"
Couverture	..	..	..	340	"
Peaches	..	..	..	42,505	"
Plums	..	..	..	80,060	"
Gooseberries	..	..	..	28,267	"
Wafer Paste Powder	..	..	..	120	"
Cabbages	..	..	..	2,211	"
Chocolate	..	..	..	805	"
Beans	..	..	..	4,920	"
Cucumbers in Vinegar	..	..	..	100	"
Blancmange Powder	..	..	..	2,206	"
Flavouring Powder	..	..	..	111	"
Confectionery	..	..	..	6,199	"
Wafers	..	..	..	956	"
Syrup	..	..	..	58	"
Sweetfat	..	..	..	322	tons
Onions	..	..	..	30	"
Tomatoes	..	..	..	186	"
Cheese	..	..	..	235	"
Fresh Fish	..	..	..	4	"
Milk Block	..	..	..	244	"
Eggs	..	..	..	183	"
Condensed Milk	..	..	..	69	"
Butter	..	..	..	458	"
Gherkins	..	..	..	115	"
Preserved Vegetables	..	..	..	16	"
Tinned Milk	..	..	..	78	"
Biscuits	..	..	..	49	"
Fruit	..	..	..	40	"
Vegetables in Brine	..	..	..	219	"
Peas	..	..	..	15	"
Milk Powder	..	..	..	10	"
Fat	..	..	..	11	"

FOODSTUFFS FOUND TO BE UNFIT

Description	Quantity
Cabbages	1 package
Fish	50 lbs.
Tinned Goods	252 tins
Marmalade	10 cases
Sheep	2 carcasses
Radishes	25 trays
Bananas	609 bunches
Plums	21 packages
Gages	5 boxes
Cherries	3 "
Fowls	30 lbs.
Grapefruit	37 $\frac{1}{4}$ cwts.
Lamb Trimmings	4 lbs.
Tomatoes	247 packages
Beef	180 lbs.
Sweetfat	13 cases and 54 lbs.
Bilberries	1,244 chips
Beef Parings	239 lbs.
Partridges	10
Sausages	60 lbs.
Jam	30 cases
Lamb	2 carcasses
Casings	1 cask
Mussels	79 bags
Rabbits	2 cases
Cheese	72 lbs.
Onions	1,196 bags
Pears	2,282 packages
Bacon	47 lbs.
Oranges	999 packages and 17 tons 13 cwts.
Peaches	56 packages
Walnuts	148 $\frac{1}{2}$ cwts.
Lemons	176 boxes
Pork	117 lbs.
Meat	58 lbs.

SUMMARY AND DESCRIPTION OF NUMBER OF
PACKAGES OF FRUIT SORTED UNDER SUPERVISION

Description	Sorted	Unsound
Oranges	32 packages	13 packages

SUMMARY OF WEIGHTS OF UNSOUND FOODSTUFFS

Description	Weight			
	Tons	Cwts.	Qrs.	Lbs.
Fruit and Vegetables	178	12	1	10
Fish	—	—	1	22
Meat	—	13	2	7
Tinned Goods	1	1	—	10
Shellfish	3	19	—	—
Cheese	—	—	2	16
Walnuts	7	8	2	—
Sweetfat.. .. .	—	6	3	26

OTHER INSPECTIONS, &c.

14 Norwegian boats arrived with 6,333 tons Herrings. 2,101 cases and 31 half cases, approximately 264 tons were found to be unfit for human consumption and were returned to the Country of Origin.

One thousand cartons of whole carrots ex m.v. "Berkelstroom" were removed to No. 14 Bond Warehouse for examination. Three hundred and eighteen cartons were passed fit for human consumption and 682 cartons were released for re-export only.

Eighteen Casks of Udders from Denmark were found on arrival to be out of condition and by agreement with the importers were returned to the Country of Origin.

One hundred and nineteen tons meat ex s.s. "Clan MacDonald" were found to have been contaminated by oil fumes. The meat was sent to Cold Stores at Leith for treatment under the supervision of the Ministry of Food.

PUBLIC HEALTH (IMPORTED FOOD) REGULATIONS, 1937

The above regulations have been in operation during the year and are working satisfactorily.

PUBLIC HEALTH (IMPORTED MILK) REGULATIONS, 1926

No action has been taken under these regulations during the year.

PUBLIC HEALTH (PRESERVATIVES, ETC., IN FOOD) REGULATIONS, 1925 to 1948

Four samples of food were taken for analysis under the above Regulations during the year ; particulars are given on page 41.

SHELLFISH BEDS

There are no shellfish beds within the jurisdiction of the Authority. No action, therefore, has been taken under the Public Health (Shellfish) Regulations, 1934, or the Food and Drugs Act, 1938.

Number of samples submitted for :—

- (a) Chemical analysis 16—report on page 41.
- (b) Bacteriological examination 2—report on page 41.

Action taken as a result of unsatisfactory reports :—

- (1) *Bacon and Wrapper*.—The affected parts were removed and destroyed.
- (2) *Pears*.—The pears contaminated with arsenical salt were rubbed or wiped efficiently before being released.
- (3) *Apple Syrup*.—The consignment was released on a guarantee being received from the firm that the goods would be treated so as to comply with the Public Health (Preservatives, etc., in Food) Regulations, 1925 to 1948, before being sold by retail.

FOOD INSPECTION

GOOLE

Visits to Docks	143
Number of vessels from which cargoes were inspected	136
Packages landed therefrom	658,162
Number of detention notes issued by H.M. Customs	53

PARTICULARS OF "PROHIBITED" MEAT DISCOVERED

N I L

PARTICULARS OF "MEAT PRODUCTS"—SECOND SCHEDULE

Description	Quantity
Bacon	65,903 casks
Canned Meat	12,268 cartons
Pigs' Feet	1,833 casks
Pork	1,549 cartons
Tinned Pork	7,708 "
Luncheon Meat	1,100 cases
Lunch Tongues	974 crates
Hearts and Kidneys	508 cartons
Maws	502 casks

Description	Quantity
Chitterlings	386 casks
Udders	385 "
Rinds	334 "
Tails	238 "
Casings	228 "
Pig Products	212 "
Offal	183 "
Veal Loaf	242 cartons
Dinner Sausage	85 cases
Sausages	81 "
Luncheon Sausage	78 "
Braized Kidneys	43 cartons
Snouts	41 casks
Salami Sausages	40 cases
Smoked Sausage	31 "
Hog Caps	27 casks
Fat Ends	25 "
Brains	17 cartons

OTHER FOOD INSPECTED

Description	Quantity
Condensed Milk	202,644 cases
Butter	99,271 casks and cases
Eggs	84,784 cases
Cheese	75,811 crates
Onions	32,421 bags
Pears	19,188 cases
Sweetened Fat	15,126 "
Mussels	6,703 bags
Lemons	6,320 cases
Pastry Mixture	5,181 cartons
Farina	3,050 bags
Biscuits (Sweetened)	1,960 boxes
Tomatoes	1,706 packages
Walnuts	1,216 bags
Whey Powder	1,067 "
Beer	1,000 cartons
Lettuce	804 crates
Potatoes	800 bags
Grapes	672 boxes
Cockles	594 bags and baskets
Crisp Bread	500 cases
Baking Cream	400 packages
Frozen Pheasants	376 cases
Dates	375 "

Description	Quantity
Custard Powder	322 packages
Blancmange Powders	332 cartons
Mussels in Brine	88 bags
Barley (Seeds Grain)	70 "
Cucumbers	69 boxes
Cockles (Bottled)	46 baskets
Salted Shrimps	31 casks
Game Birds	25 cases
Peeled Shrimps	12 casks
Frozen Fish	10 tons
Dessert Powder	150 crates
Rabbits	5 cases
Melons	2 boxes
Carrots	2 bags
Wild Duck	2 cases
Widgeon	2 "
Stock Pigeon	2 "
Wild Geese	2 "

FOODSTUFFS FOUND TO BE UNFIT

Description	Quantity
Cockles	32 bags
Bacon	1 bale
Onions	1,228 bags

SUMMARY OF WEIGHTS OF UNSOUND FOODSTUFFS

Description	Weight			
	Tons	Cwts.	Qrs.	Lbs.
Cockles	—	18	0	0
Bacon	—	2	0	1
Onions	30	14	0	0

PUBLIC HEALTH (PRESERVATIVES, ETC., IN FOOD) REGULATIONS, 1925 to 1948

One sample of Salad Cream was submitted to the Port Analyst ; particulars are given on page 41.

OTHER INSPECTIONS

Acting on a request from the Ministry of Food consignments of Danish Hog Casings arriving in the Port Health District were detained pending the receipt of the official release notes from the Bacon Board of the Danish Ministry of Agriculture.

Notification has recently been received that these measures are no longer necessary.

REPORT OF THE PORT ANALYST

Foodstuffs

In the table below the results of the examination of seventeen samples of foodstuffs are set out :—

Total			Satisfactory	Unsatisfactory
17			11	6
Sample	No.		Result of Examination	
Taken				
Apple Syrup	..	2	Contained 600 and 544 parts per million of sulphur dioxide preservative respectively, the maximum permissible amount being 350 parts.	
Bacon	3	Two samples were stained with a chemical of the poisonous dinitrophenol group and one with copper sulphate.
Canned Danish			1	Free from objectionable amounts of poisonous metals.
Brisling		
Grape Syrup	..		1	Free from preservatives.
Pears	6	One sample contained an excessive amount of arsenic, the remainder were either contaminated to a lesser degree or free from arsenic.
* Salad Cream	..		3	Free from preservatives.
Strawberry Pulp	..		1	Free from an excess of sulphur dioxide preservative.

* includes 1 sample from Goole.

BACTERIOLOGICAL EXAMINATIONS

Two samples of mussels were submitted to the Director of the Public Health Laboratory Service for bacteriological examination who reported the samples to be 70 per cent. clean and, therefore, satisfactory.

APPENDIX 1

Summary of Vessels Inspected, Foreign and Coastwise

HULL

From						
Foreign	{	Steamships	..	..	..	2,164
		Motor Vessels	..	..	..	1,787
		Sailing Vessels	..	..	..	—
		Fishing Vessels	..	..	..	703
		Flying Boat	..	..	..	1
Coastwise	{	Steamships	..	..	..	574
		Motor Vessels	..	..	..	645
		Sailing Vessels	..	..	..	—
		Fishing Vessels	..	..	..	—
						5,874

GOOLE

Foreign	{	Steamships	..	..	..	343
		Motor Vessels	..	..	..	331
		Sailing Vessels	..	..	..	—
Coastwise	{	Steamships	..	..	..	343
		Motor Vessels	..	..	..	309
		Sailing Vessels	..	..	..	—
						— 1,386
						<hr/> 7,260
Extra Visits			..	..	..	1,945
						<hr/> Total .. 9,205

Summary of Vessels Inspected, British and Foreign Owned

HULL

Owners.						
British	{	Steamships	..	..	..	1,803
		Motor Vessels	..	..	..	850
		Sailing Vessels	..	..	..	—
		Fishing Vessels	..	..	..	692
		Flying Boat	..	..	..	1
						— 3,346
Foreign	{	Steamships	..	..	..	935
		Motor Vessels	..	..	..	1,582
		Sailing Vessels	..	..	..	—
		Fishing Vessels	..	..	..	11
						— 2,528

GOOLE

Owners.					
British	{ Steamships	..	..	..	582
	{ Motor Vessels	..	..	..	218
	{ Sailing Vessels	..	..	..	—
					800
Foreign	{ Steamships	..	..	..	104
	{ Motor Vessels	..	..	..	482
	{ Sailing Vessels	..	..	..	—
					586
					7,260
Extra Visits					1,945
Total					9,205

They were of the following nationalities :—

British	..	..	..	..	4,146
Dutch	..	..	..	..	1,200
Danish	..	..	..	..	699
Swedish	..	..	..	..	277
Norwegian	..	..	..	..	268
German	..	..	..	..	193
Finnish	..	..	..	..	140
Panamanian	..	..	..	..	67
Greek	..	..	..	..	42
Icelandic	..	..	..	..	38
French	..	..	..	..	37
Polish	..	..	..	..	36
American	..	..	..	..	25
Russian	..	..	..	..	21
Italian	..	..	..	..	19
Spanish	..	..	..	..	14
Belgian	..	..	..	..	12
Jugo-Slavian	..	..	..	..	6
Argentinian	..	..	..	..	5
Turkish	..	..	..	..	3
Swiss	..	..	..	..	3
Egyptian	..	..	..	..	3
Faroese	..	..	..	..	2
Portuguese	..	..	..	..	2
Brazilian	..	..	..	..	1
Costa Rican	..	..	..	..	1
Total					7,260

APPENDIX 2

Table showing the Ports from which came vessels boarded on arrival by Medical Officers

	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Totals
Abadan ..	2	3	4	3	3	2	2	3	2	-	1	2	27
Adelaide ..	1	-	1	1	-	1	-	-	-	-	-	-	4
Alexandria ..	-	-	-	1	3	-	1	-	-	-	-	-	5
Algiers ..	-	-	-	-	-	-	1	-	-	-	-	-	1
Amsterdam ..	-	-	-	-	-	-	1	-	-	-	-	-	1
Antwerp ..	-	-	-	1	1	2	3	5	1	1	-	-	14
Auckland ..	-	-	-	-	-	-	-	1	-	-	-	-	1
Bahrein ..	1	-	-	-	-	-	-	-	-	-	-	-	1
Balik Papan ..	-	-	-	-	-	-	-	-	-	-	-	1	1
Bathurst ..	1	4	5	5	3	-	1	-	-	-	-	-	19
Bizorta ..	-	-	-	-	1	-	-	-	-	-	-	-	1
Boulogne ..	-	-	-	-	-	-	-	1	-	-	-	-	1
Bremen ..	-	-	-	-	1	1	1	-	3	2	2	1	11
Brisbane ..	-	-	-	1	-	-	-	-	1	1	-	-	3
Buenos Aires ..	1	-	-	-	-	-	-	1	-	1	-	-	3
Burutu ..	-	-	-	-	-	-	-	1	-	-	-	-	1
Cagliari ..	-	-	-	-	1	-	-	-	-	-	-	-	1
Cairns ..	-	-	-	-	-	-	-	-	-	-	-	1	1
Callao ..	-	-	-	-	1	-	-	-	-	-	1	-	2
Caripito ..	-	-	-	-	-	-	-	-	-	-	1	2	3
Casablanca ..	1	2	1	1	2	3	2	2	1	1	1	2	19
Constanza ..	-	1	-	-	-	-	-	-	-	-	-	-	1
Copenhagen ..	-	-	-	-	1	2	2	2	1	2	-	-	10
Dairen ..	-	-	-	-	-	-	-	-	-	-	1	-	1
Dakar ..	-	-	2	-	-	-	1	-	-	-	-	-	3
Dubrovnik ..	-	1	-	-	-	2	1	-	-	1	-	-	5
Fiume ..	-	-	-	-	1	-	-	-	-	-	-	-	1
Fleetwood ..	-	-	-	-	1	-	-	-	-	-	-	-	1
Freetown ..	2	2	1	-	3	2	1	1	1	-	3	1	17
Fremantle ..	2	3	-	2	-	5	2	3	2	1	2	2	24
Gdynia ..	-	-	-	-	1	-	3	-	2	-	1	1	8
Geelong ..	-	-	-	-	-	-	1	-	-	1	-	-	2
Geraldton ..	1	-	-	-	-	-	-	-	-	-	-	-	1
Ghent ..	-	-	-	-	1	-	-	-	-	-	-	-	1
Gothenburg ..	1	1	-	4	4	4	3	2	1	2	3	-	25
Carried forward	13	17	14	19	28	24	26	22	15	13	16	13	220

	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Totals
Brought forward	13	17	14	19	28	24	26	22	15	13	16	13	220
Haifa ..	-	1	1	1	1	-	-	-	-	-	-	-	4
Hamburg ..	5	2	3	5	5	4	7	7	3	3	3	5	52
Hango ..	-	-	-	-	-	-	-	-	1	-	-	-	1
Haugesund ..	-	1	-	-	-	-	-	-	-	-	-	-	1
Helsingfors ..	1	2	3	2	2	3	2	2	2	2	2	2	25
Horna Fjorder ..	-	-	-	-	-	1	-	-	-	-	-	-	1
Isafjord ..	-	-	-	-	-	-	-	-	-	-	-	1	1
Karachi ..	1	1	-	-	-	1	-	-	-	-	-	-	3
Karlstad ..	-	-	-	-	-	1	-	-	-	-	-	-	1
Kotka ..	1	-	-	-	-	-	-	-	-	-	-	-	1
Lagos ..	2	-	1	1	-	-	1	3	2	1	-	2	13
Las Palmas ..	-	-	-	-	-	-	1	-	1	-	-	-	2
Mackay ..	-	-	-	-	-	-	-	-	-	-	-	1	1
Mogador ..	-	-	-	1	-	1	2	-	-	-	-	-	4
Mantylouto ..	1	-	-	-	-	-	-	1	-	-	-	-	2
Melbourne ..	-	-	-	-	1	-	-	-	-	-	-	1	2
Mombasa ..	-	1	-	1	-	-	-	1	2	-	-	-	5
Montevideo ..	1	1	-	-	-	-	-	-	2	1	-	1	6
Montreal ..	-	-	-	-	-	-	1	-	-	-	-	-	1
New Orleans ..	-	-	1	-	-	-	-	-	-	-	-	-	1
New York ..	-	-	-	-	1	2	1	-	-	-	-	-	4
Nicolaieff ..	-	-	-	-	-	-	-	-	-	-	1	-	1
North Sea (Pilot Cutter) ..	-	-	-	-	-	1	-	-	-	1	-	-	2
Novorossisk ..	-	-	-	-	-	-	-	-	-	-	1	-	1
Odessa ..	-	-	-	-	-	-	-	-	1	-	-	1	2
Oslo ..	1	-	1	3	3	2	1	2	1	2	-	-	16
Palermo ..	-	-	-	-	-	1	1	-	-	-	-	-	2
Port Louis ..	-	-	-	-	1	-	-	-	-	-	-	-	1
Port Sudan ..	-	-	-	-	1	-	-	-	-	-	-	-	1
Punta Cardon ..	-	-	-	-	-	-	-	-	-	1	1	-	2
Rangoon ..	1	-	-	-	-	-	-	-	-	-	-	-	1
Ras Tanurah ..	-	-	1	-	-	-	-	-	-	-	-	-	1
Reykjavik ..	-	1	-	-	1	-	-	-	-	1	-	-	3
Rene ..	-	-	-	-	-	1	-	-	-	-	-	-	1
Rijeka ..	-	1	1	-	1	-	2	2	1	1	-	-	9
Rio de Janeiro ..	-	-	-	-	-	-	-	1	1	-	-	-	2
Carried forward	27	28	26	33	45	42	45	41	32	26	24	27	396

	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Totals
Brought forward	27	28	26	33	45	42	45	41	32	26	24	27	396
Rosario ..	1	-	-	-	-	-	-	-	-	-	-	1	2
Rotterdam ..	4	4	6	6	5	10	10	11	8	5	5	4	78
Rouen ..	-	-	-	1	-	-	-	-	-	-	-	-	1
Rovigno ..	-	-	-	-	-	-	-	1	-	-	-	-	1
Safi ..	-	-	-	-	-	-	1	-	-	-	-	-	1
Santos ..	-	-	-	-	-	-	-	-	-	-	-	1	1
Seydi Fjord ..	-	-	-	-	-	-	-	-	-	-	1	-	1
Sibenik ..	-	-	1	-	-	-	-	-	-	-	-	-	1
Singapore ..	-	-	-	-	-	-	-	1	-	-	-	1	2
Sydney ..	-	-	1	-	-	2	1	-	-	2	-	2	8
Takoradi ..	1	-	-	-	-	-	2	1	1	2	-	1	8
Tel-Aviv ..	1	-	-	-	-	-	-	-	-	-	-	-	1
Teneriffe ..	-	-	-	-	-	-	1	-	-	-	-	-	1
Tunis ..	-	-	-	-	1	-	-	-	-	-	-	-	1
Valencia ..	-	-	-	-	-	-	-	-	-	-	1	-	1
Vancouver ..	-	1	-	-	-	-	1	-	-	-	-	2	4
Venice ..	1	-	-	-	-	-	-	-	-	-	-	-	1
Wallaroo ..	-	-	-	-	-	-	-	-	1	-	-	-	1
Totals ..	35	33	34	40	51	54	61	55	42	35	31	39	510

APPENDIX 3

Tabulated Statement showing the Total Number of Admissions to Hospitals during 1949

Date of Admission 1949	Disease	Rating	Nationality	Name of Vessel	Where from	Date Discharged
Jan. 3rd	Malaria	Donkeyman	British	m.v. "Innesmoor"	Freetown	Jan. 17th
Jan. 8th	Enteric Fever	A.B.	British	s.s. "Melrose Abbey"	Rotterdam	Feb. 23rd
Jan. 15th	Tonsillitis	2nd Engineer	British	m.v. "Rudderman"	Boston	Jan. 22nd
Feb. 17th	Malaria	Motorman	Danish	m.v. "Tosca"	Vancouver	April 2nd
Mar. 18th	Malaria	Fireman	British	s.s. "Tower Grange"	Freetown	April 8th
May 12th	Tonsillitis	Chief Engineer	Polish	m.v. "Korab I"	Fleetwood	May 18th
May 30th	Malaria	Senior Ordinary Seaman	British	s.s. "Fort Cumberland"	Freetown	June 11th
June 28th	Measles	Apprentice	British	Pilot Cutter "Wm. Fenton"	North Sea	Treated at Home
Aug. 5th	Pneumonia	Asst. Steward	British	m.v. "Athelknight"	Matanzas	Aug. 20th
Aug. 24th	Malaria	A.B.	British	m.v. "Hopepeak"	Freetown	Sept. 18th
Aug. 30th	Pulmonary Tuberculosis	Chief Steward	British	s.s. "San Anthony"	Rovigna	Transferred to Walkergate Hospital Newcastle-on-Tyne, Oct. 25th
Sept. 15th	Scarlet Fever	Cook	Danish	m.v. "Torswinge"	Hamburg	Sept. 29th
Sept. 28th	Malaria	Fireman	British	s.s. "Rondeau Park"	Wallaroo	Oct. 19th
Oct. 13th	Scarlet Fever	Seaman	British	R.A.F.V. "Bridlington"	North Sea	Nov. 2nd
Dec. 1st	Influenza	Fireman	British	s.s. "Umtata"	Beira	Dec. 28th
Dec. 2nd	Pneumonia	A.B.	British	s.s. "Angelo"	Stockholm	Dec. 10th
Dec. 21st	Tonsillitis	Chief Officer	British	s.s. "Titanbank"	Balik Papan	Jan. 2nd 1950

APPENDIX 4

Vessels on their Arrival on which Cases of Infectious Disease existed or had occurred during the Voyage

Date	Name of Vessel	Where from	No. of Cases	Rating	How dealt with
1949					
Jan. 8th	s.s. "Melrose Abbey"	Rotterdam	1	A.B.	Admitted to the Castle Hill Hospital and Sanatorium, Cottingham.
ENTERIC FEVER					
Jan. 25th	m.v. "Amigo"	Hamburg	1	Master	Treated by a private medical practitioner.
Jan. 25th	s.s. "Patrician"	Middlesbrough	1	C. Steward	Treated by a private medical practitioner.
Aug. 26th	m.v. "Nina Borthen"	Abadan	2	Crew	1 treated on board by a private medical practitioner; 1 suffered during voyage.
INFLUENZA					
Jan. 3rd	m.v. "Innesmoor"	Freetown	2	Donkeymen	1 admitted to the Castle Hill Hospital and Sanatorium, Cottingham; 1 admitted to hospital at Lagos.
Jan. 28th	s.s. "Northleigh"	Bathurst	1	C. Steward	Landed at Takoradi.
Feb. 17th	s.s. "Kelmescott"	Freetown	2	Officers	Suffered during voyage.
Feb. 17th	m.v. "Tosca"	Vancouver	1	Motorman	Admitted to the Castle Hill Hospital and Sanatorium, Cottingham.
Feb. 25th	s.s. "Stanford"	Mombasa	1	2nd Engineer	Suffered during voyage.
Feb. 26th	m.v. "Nina Borthen"	Abadan	1	Motorman	Suffered during voyage.
MALARIA					

APPENDIX 4—Continued

Date	Name of Vessel	Where from	No. of Cases	Rating	How dealt with
1949					
Mar. 18th	s.s. "Tower Grange"	Freetown	2	Firemen	1 admitted to the Castle Hill Hospital and Sanatorium, Cottingham; 1 admitted to hospital at Lagos.
Mar. 23rd	s.s. "Kunasian"	Dakar	1	A.B.	Suffered during voyage.
May 30th	s.s. "Fort Cumberland"	Freetown	1	Seaman	Admitted to the Castle Hill Hospital and Sanatorium, Cottingham.
Aug. 24th	m.v. "Hopepeak"	Freetown	2	Crew	1 admitted to the Castle Hill Hospital and Sanatorium; 1 suffered during voyage.
Sept. 3rd	s.s. "Temple Bar"	Lagos	7	Crew	Suffered during voyage.
Sept. 19th	s.s. "Ocean Vesper"	Lagos	4	Crew	Suffered during voyage.
Sept. 28th	s.s. "Rondeau Park"	Wallaroo and Freetown	1	Fireman	Admitted to the Castle Hill Hospital and Sanatorium, Cottingham.
Oct. 25th	s.s. "Temple Inn"	Takoradi	1	Apprentice	Suffered during voyage.
Nov. 17th	m.v. "McGregor Laird"	Freetown	3	Crew	Suffered during voyage.
Dec. 26th	s.s. "Mooncrest"	Lagos	3	Crew	Suffered during voyage.
MEASLES					
June 28th	Pilot Cutter "Wm. Fenton"	—	1	Apprentice	Treated at home by a private medical practitioner.

APPENDIX 4—Continued

Date	Name of Vessel	Where from	No. of Cases	Rating	How dealt with
1949					
Aug. 5th	m.v. "Athelknight"	Cuba	1	Steward	Admitted to the Castle Hill Hospital and Sanatorium, Cottingham.
Feb. 24th	s.s. "Grado"	Freetown	1	2nd Engineer	Admitted to the Kingston General Hospital, Hull.
Feb. 28th	m.v. "Elysia"	Halifax, N.S.	1	Donkeyman	Admitted to the Western General Hospital, Hull.
Dec. 1st	s.s. "Umtata"	Beira	1	Fireman	Admitted to the Castle Hill Hospital and Sanatorium, Cottingham.
Dec. 21st	s.s. "Titanbank"	Balik Papan	1	C. Officer	Admitted to the Kingston General Hospital, Hull.
Sept. 15th	m.v. "Torswinge"	Hamburg	1	Cook	Admitted to the Castle Hill Hospital and Sanatorium, Cottingham.
Oct. 13th	s.s. "Bridlington" (H.M.A.F.V.)	Sea	1	Seaman	Admitted to the Castle Hill Hospital and Sanatorium, Cottingham.
Feb. 21st	s.s. "City of Delhi"	Freemantle	1	Fireman	Admitted to hospital at Port Said.
June 26th	s.s. "Snar"	Middlesbrough	3	Crew	1 landed at Gibraltar; 2 paid off and returned to Norway.
Aug. 30th	s.s. "San Anthony"	Rovigno	1	C. Steward	Admitted to the Castle Hill Hospital and Sanatorium, Cottingham.
Sept. 28th	s.s. "Takoradi Palm"	Freetown	1	D.B.S.	Landed at Weymouth; died.
Oct. 12th	s.s. "Fennia"	Helsingfors	2	Passengers	Proceeded home to Leek, Staffs., by ambulance
June 2nd	s.s. "Fort Frontenac"	Freetown	2	Officers	Died in hospital at Burutu.

APPENDIX 5

Total No. of ships inspected	..	..	..	..	..	6,750
Total No. of ships with defects, including those due to dirt, vermin, etc.	..	..	..	..	..	809

(a) At Hull

British owned	..	..	..	..	..	352
Foreign owned	..	..	..	..	..	47

(b) At Goole

British owned	..	..	..	..	..	316
Foreign owned	..	..	..	..	..	94

(a) DEFECTS OF ORIGINAL CONSTRUCTION

BRITISH

VENTILATION :—

				No. of defects	Remedied
Unventilated cabins	..	..	..	1	—
„ water closets	..	..	..	15	6
„ wash-places	..	..	..	6	2
„ water closets-Washplaces				1	1
Ventilators in an unsatisfactory position over bunks	..	..	..	2	—

CREWS' QUARTERS :—

No partitions to W.C.'s	..	..	..	3	—
No scupper in galley	..	..	..	1	—

			No. of defects	Remedied
WATER CLOSETS :—				
W.C.'s without water supply	..	..	2	—
			—	—
Totals	..		31	9
			—	—

FOREIGN

VENTILATION :—

			No. of defects	Remedied
Unventilated forecastles	..	..	24	2
„ cabins	..	..	97	1
„ messrooms	..	..	31	—
„ water closets	..	..	163	—
„ wash-places	..	..	91	—
„ galley-messrooms	..	..	28	1
„ pail closet compartments			25	—
„ water closets-Washplaces			12	—
„ shower compartment	..		1	—
Ventilators in an unsatisfactory position over bunks	..	..	11	3

CREWS' QUARTERS :—

No heating to cabin	1	—
---------------------	----	----	---	---

WATER CLOSETS :—

W.C.'s without water supply	..	..	79	1
			—	—
Totals	..		563	8
			—	—

(b) STRUCTURAL DEFECTS THROUGH WEAR AND TEAR

BRITISH

			No. of defects	Remedied
Defective	W.C.'s and fittings	..	124	105
"	stoves and fittings ..	..	18	14
"	side ports and glasses	..	94	85
"	radiators .. ..	..	48	42
"	ventilators .. ..	..	32	31
"	flooring .. ..	..	26	24
"	doors .. ..	..	24	18
"	bulkheads .. ..	..	7	7
"	bunks .. ..	..	4	4
"	and choked scuppers	..	9	9
"	lockers .. ..	..	31	27
"	wash-hand basins and fittings		11	9
"	and leaky overhead decks		41	34
"	central heating boilers	..	2	2
"	steam pipes .. ..	..	17	11
"	waste pipes .. ..	..	11	11
"	hawse pipes .. ..	..	2	2
"	deck lights .. ..	..	3	1
"	showers .. ..	..	19	17
"	fresh water pumps	..	5	4
"	tables .. ..	..	3	3
"	chairs .. ..	..	24	24
"	mosquito fittings ..	..	13	11
"	sinks .. ..	..	4	4
"	companion ladders	..	4	4
"	fans to ventilating system ..		2	2
"	or insufficient sheathing or cork-dust .. ..	..	14	14
"	wardrobes .. ..	..	3	3
"	scupper pump .. ..	..	1	1
"	sky lights .. ..	..	5	5
"	calorifier .. ..	..	1	1

			No. of defects	Remedied
Defective	geysers	.. ..	7	6
"	crash panels	.. ..	2	2
"	draining boards	.. ..	4	4
"	rudder post gland	.. ..	1	1
"	drawers	.. ..	11	11
"	cupboards	.. ..	2	2
"	steam jets	.. ..	3	3
"	taps	.. ..	3	1
"	drainage in way of coal bunker	.. ..	1	1
"	fresh water tanks	.. ..	2	2
"	refrigerator	.. ..	1	—
"	electric light fittings	.. ..	2	1
"	dead lights	.. ..	8	2
"	galley coal bunker top	.. ..	1	1
"	water supply pipes	.. ..	24	18
Unprotected	steam pipes	.. ..	1	1
No waste	pipes	.. ..	2	—
No door to	wash-place	.. ..	1	1
Totals			678	586

FOREIGN

Defective	W.C.'s and fittings	.. ..	52	9
"	stoves and fittings	.. ..	1	1
"	side ports and glasses	.. ..	1	—
"	radiators	.. ..	4	2
"	ventilators	.. ..	1	—
"	bulkheads	.. ..	1	—
"	and choked scuppers	.. ..	1	1
"	wash hand basins and fittings	.. ..	1	—
"	and leaky overhead decks	.. ..	7	4
"	showers	.. ..	5	—
"	tables	.. ..	1	1
"	skylights	.. ..	1	1
Totals			76	19

**(c) DIRT, VERMIN AND OTHER CONDITIONS PREJUDICIAL
TO HEALTH**

BRITISH

	No. of defects	Remedied
Dirty condition of forecastles . .	26	23
" " " cabins	241	219
" " " messrooms . .	69	61
" " " galleys	4	3
" " " wash-places . .	60	52
" " " alleyways	11	9
" " " storerooms	7	6
" " " drying rooms . .	4	3
" " " recreation rooms . .	1	—
" " " cupboards and lockers	6	6
" " " hospital	1	1
" " " refrigerator	1	1
Verminous condition of forecastles . .	23	19
" " " cabins	857	820
" " " messrooms	231	219
" " " saloons	13	13
" " " galleys	63	59
" " " pantries	79	76
" " " storerooms	44	43
" " " smoke rooms	4	4
" " " wash-places	8	8
" " " linen lockers	6	6
" " " oilskin lockers	8	6
" " " bakeries	6	6
" " " drying rooms	8	7
" " " chart and wireless rooms	2	2
" " " hospital	1	1
Insanitary condition of water closets . .	62	55
" " " galley refuse	1	1
Crews' quarters showing signs of rat infestation	7	6
Fresh-water tanks requiring cleansing . .	16	16
Drying room used as a storeroom	1	1
Totals . .	1,871	1,752

	No. of defects	Remedied
FOREIGN		
Dirty condition of forecastles ..	2	2
" " " wash-places ..	3	3
Insanitary condition of water closets ..	4	4
Verminous condition of forecastles ..	10	10
" " " cabins ..	51	51
" " " messrooms ..	15	13
" " " saloons ..	3	3
" " " galleys ..	7	7
" " " pantries ..	9	9
" " " storerooms ..	5	5
Crews' quarters showing signs of rat infestation	1	—
Fresh water tanks requiring cleansing	8	6
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Totals ..	118	113
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(d) DEFECTS ARISING FROM STRUCTURAL ALTERATIONS

BRITISH

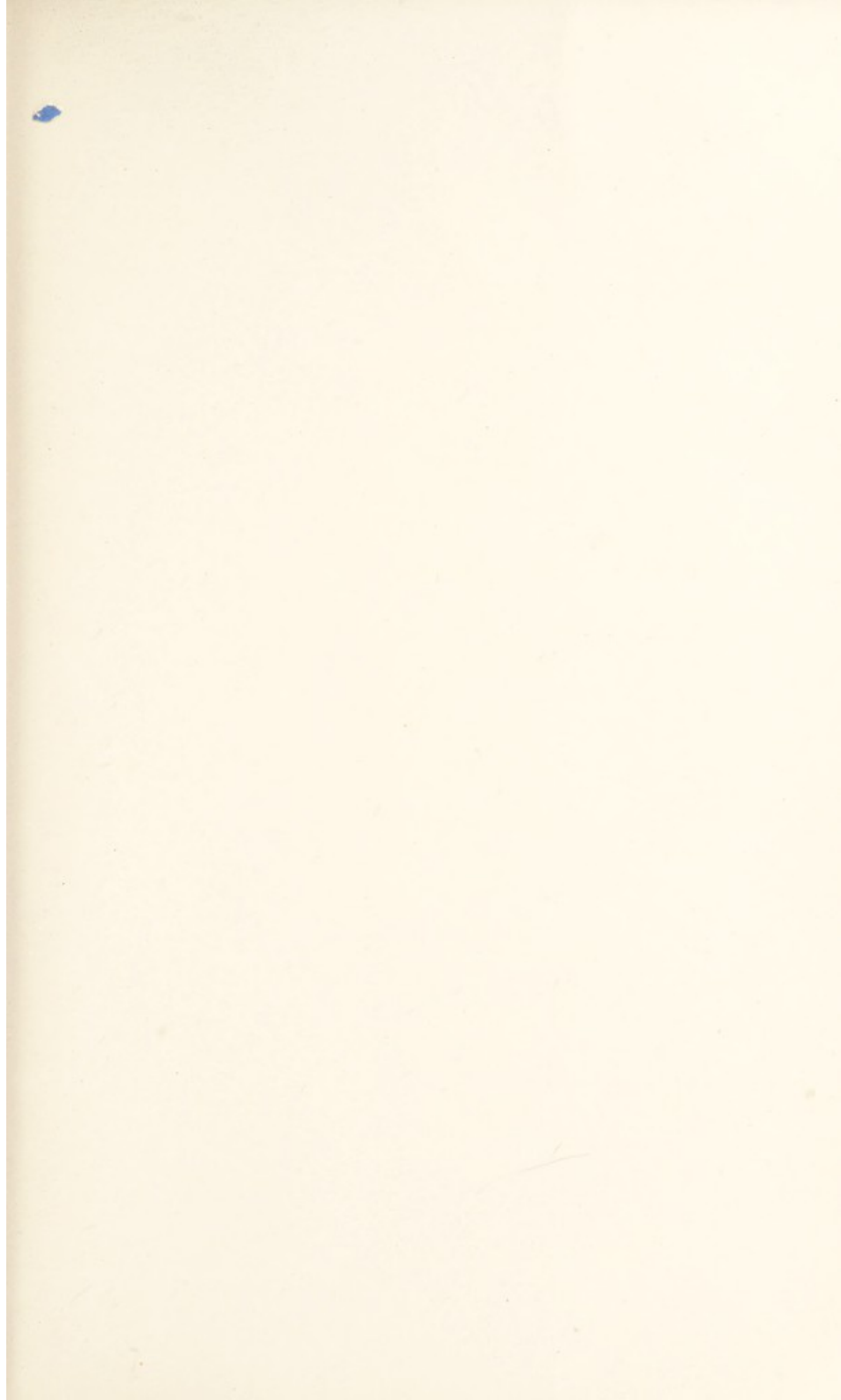
	No. of defects	Remedied
VENTILATION :—		
Unventilated forecastles	4	2
" cabins	6	3
" messrooms	7	3
" water closets	57	18
" wash-places	42	15
" galley	1	1
Ventilators in an unsatisfactory position over bunks	4	—
LIGHTING :—		
Inadequate natural lighting to cabins	2	—
Inadequate natural lighting to messroom	1	—
CREWS' QUARTERS :—		
Insufficient clearance between bunks and deckhead	3	—
No heating to cabins	2	2
No food storage facilities	1	—
	<hr/>	<hr/>
Totals ..	130	44
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FOREIGN

				No. of defects	Remedied
VENTILATION :—					
Unventilated	forecastles	18	2
"	cabins	..	..	95	5
"	messrooms	..	..	26	3
"	water closets		..	45	—
"	wash-places	..	..	64	1
"	galley messrooms		..	3	—
"	pail closet compart- ments	..	..	3	—
"	combined W.C. wash- place	..	..	4	—
"	shower compartment			1	—
Ventilators in an unsatisfactory position over bunks	..	..		3	—
WATER CLOSETS :—					
W.C.'s without water supply		..		21	—
No W.C. provided	..	..	..	1	—
Totals				284	11

DIRTY & VERMINOUS CONDITION OF CREWS' QUARTERS

Nationality	No. of ships inspected	Dirty Conditions		Verminous Conditions	
		No. of ships concerned		No. of ships concerned	
		Found	Remedied	Found	Remedied
British	4,146	76	64	139	128
Dutch	1,200	—	—	—	—
Danish	699	—	—	1	—
Swedish	277	1	1	1	—
Norwegian	268	—	—	2	2
German	193	—	—	—	—
Finnish	140	—	—	2	2
Panamanian	67	—	—	1	1
Greek	42	1	1	6	5
Icelandic	38	—	—	—	—
French	37	—	—	—	—
Polish	36	—	—	1	1
American	25	—	—	—	—
Russian	21	—	—	—	—
Italian	19	—	—	1	1
Spanish	14	—	—	—	—
Belgian	12	—	—	—	—
Jugo-Slavian	6	—	—	—	—
Argentinian	5	—	—	—	—
Turkish	3	—	—	—	—
Swiss	3	—	—	—	—
Egyptian	3	—	—	—	—
Faroese	2	—	—	—	—
Portuguese	2	—	—	1	1
Brazilian	1	—	—	—	—
Costa Rican	1	—	—	—	—
Totals	7,260	78	66	155	141



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