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Contributors

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RIVER TEES PORT HEALTH
AUTHORITY

SIXTY-SECOND
ANNUAL REPORT
OF THE
MEDICAL OFFICER OF HEALTH.



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ANNUAL REPORT
OF THE
MEDICAL OFFICER OF HEALTH.

H. & F. Stokeld, Printers, Grange Road,
MIDDLESBROUGH.
1949.

RIVER TEES PORT HEALTH AUTHORITY.

LIST OF MEMBERS, 1948-1949.

Middlesbrough :

Alderman L. G. Allen
 Alderman J. Bolton
 Alderman J. Nugent
 Councillor Breckon
 Councillor E. Harford
 Councillor F. J. Longstaff
 Councillor W. Randall
 Councillor J. W. Nunn

Stockton :

Alderman C. W. Allison
 Alderman W. M. Worth
 Councillor J. C. Hudson
 Councillor R. T. Griffiths

Thornaby :

Alderman E. E. Brennan
 Councillor J. W. Collinson

Redcar :

Alderman Chaplin
 Councillor J. S. Dixon

Eston R.D. Council :

Councillor J. A. Gavin
 Councillor H. Hickman
 Councillor J. R. Ginty

Billingham U.D. Council :

Councillor J. O. Evitts
 Councillor W. A. McArthur
 Councillor L. H. Smith

Stockton R.D. Council :

Councillor A. E. Ward
 Councillor F. B. Battersby

STAFF OF THE PORT HEALTH AUTHORITY,
1948.

Clerk to the Board—G. W. W. BARNLEY.

Deputy Clerk—T. A. BANKS.

Medical Officer—C. L. ELDER, M.B., Ch.B., D.P.H.

Deputy Medical Officer—A. MENZIES, M.B., Ch.B., D.P.H., to 31st March.

J. C. BIRCHALL, M.B., Ch.B., D.P.H., from 1st April.

Port Health Inspector—A. NEILSON JONES, C.R.S.I., Cert. Master Mariner.

Assistant Port Health Inspector—G. A. RICHARDS, C.R.S.I., Cert. Master Mariner.

Rat Searcher—T. WARWICK.

Assistant Rat Searcher—J. BUCKTON.

Clerk/Shorthand Typist—Miss M. TIMNEY (Commenced 11.10.1948).

RIVER TEES PORT HEALTH AUTHORITY.

MUNICIPAL BUILDINGS,
MIDDLESBROUGH.

FEBRUARY, 1949.

To THE CHAIRMAN AND MEMBERS OF THE
RIVER TEES PORT HEALTH AUTHORITY.

Mr. Chairman, Ladies and Gentlemen,

I have pleasure in submitting the 62nd Annual Report of the River Tees Port Health Authority, for the year ended 31st December, 1948.

The Report gives in detail the scope of the work of the Authority.

Close supervision has been maintained during the year, to safeguard against the possible introduction of seaborne infectious diseases, and also to ascertain the sanitary condition of vessels entering the Port, and the purity of the foodstuffs.

The number of vessels entering the Port again showed an increase and was up by approximately 29% on the 1947 figure, and the vessels arriving from foreign ports showed an increase of 41% on the 1947 figure.

The River Tees Port Health Authority has been recognised as an approved port under the Aliens Order, 1920, since June, 1947. The number of aliens arriving at the port during 1948 was increased by 166% on the 1947 figure.

The River Tees Port Health Authority were without a launch for the whole of the year, as the new Diesel engined launch expected in the Autumn, did not arrive, but it is now expected early in 1949. The arrangements whereby the launch is hired for boarding vessels at the buoys were continued, otherwise the vessels were visited when they came alongside.

Our relations with the Port Authorities continue to be cordial, and I wish to record my grateful thanks to the Chief Preventive Officer of Customs and his staff, the Harbourmaster and his staff, the Chief Immigration Officer and his staff, and the Pilot Master and Pilots for their ready assistance at all times.

My thanks are also due to the Chairman and Members of the Port Health Authority for their interest and support during the year, and to the staff for their conscientious and loyal service.

I have the honour to be,

Your obedient servant,

Charles L. Elder

Medical Officer of Health.

TABLE A.

I. AMOUNT OF SHIPPING ENTERING THE PORT DURING THE YEAR.

		Number	Tonnage	No. Inspected		Number Reported to be defective	Number of Vessels on which defects were remedied	No. of Vessels on which defects were found and reported to Ministry of Transport Surveyors	No. of Vessels reported as having, or having had during the voyage infectious disease on board
				By the Medical Officer of Health	By the Port Health Inspector				
FOREIGN	Steamers ...	973	2,125,886	248	973	64	55	—	15
	*Motor ...	653	335,462	87	648	1	1	—	—
	Sailing ...	—	—	—	—	—	—	—	—
	Fishing ...	3	312	—	3	—	—	—	—
TOTAL FOREIGN...		1,629	2,461,660	335	1,624	65	56	—	15
COASTWISE	Steamers	397	210,086	25	384	6	5	—	1
	Motor ...	973	210,600	14	945	2	1	—	2
	Sailing ...	—	—	—	—	—	—	—	—
	Fishing	9	1,217	—	9	—	—	—	—
TOTAL COASTWISE ...		1,379	421,903	39	1,338	8	6	—	3
TOTAL FOREIGN AND COASTWISE ...		3,008	2,883,563	374	2,962	73	62	—	18

* Includes mechanically propelled vessels other than steamers.

II. CHARACTER OF TRADE OF PORT.

TABLE B.

(A).—PASSENGER TRAFFIC DURING THE YEAR.

No. of Passengers	Cabin Class only	Transmigrants
INWARDS—		
British	179	Nil
Aliens	184	Nil
OUTWARDS—		
British	295	Nil
Aliens	216	Nil

Does not include ships' personnel arriving and departing, nor does it include passengers arriving and leaving with the same vessel.

All figures show a marked increase over those for 1947.

113 British passengers were medically examined.

(B).—CARGO TRAFFIC.

IMPORTS INTO THE RIVER TEES FOR THE YEAR ENDED 31st OCTOBER, 1948.

(Figures supplied by the courtesy of the General
Manager of the Tees Conservancy Commission).

ORES :					<i>Tons</i>
Iron	...	...	...	...	2,669,903
Manganese	...	...	...	...	151,791
Chrome	...	...	...	...	—
IRON AND STEEL :					
Pig Iron	...	...	...	...	1,718
C.S. Bars, Billets, etc.	...	...	...	...	—
Manufactured	...	...	...	...	3,054
Scrap	...	...	...	...	177,594
Machinery	...	...	...	...	2,920
Loam, etc.	...	...	...	...	16,048
Chemical Manures	...	...	...	...	63,998
Oil Fuel	...	...	...	...	27,313
Oil Creosote	...	...	...	...	34,900
Petrol	...	...	...	...	6,603
Corn	...	...	...	...	42,329
Provisions	...	...	...	...	4,645
Sugar	...	...	...	...	3,250
Paper	...	...	...	...	185
Wood	...	...	...	...	4,611
Magnesite	...	...	...	...	4,580
Chemicals	...	...	...	...	2,454
Glass	...	...	...	...	27

						<i>Tons</i>
Bags	...	...	...	...	...	1,774
Phosphate Rock	...	...	...	...	...	77,046
Spelter	...	...	...	...	...	60
Sundry Goods	...	...	...	...	...	2,897

TOTAL IMPORTS 3,299,700 *Tons.*

EXPORTS FROM THE RIVER TEES DURING THE YEAR ENDING 31st OCTOBER, 1948.

(Figures supplied by courtesy of the General
Manager of the Tees Conservancy Commission).

IRON AND STEEL :						<i>Tons</i>
Pig Iron	...	...	...	...	...	8,492
Rails and Fishplates	...	...	...	...	...	42,216
Castings	...	...	...	...	...	40,250
Angles, Bars and Plates	...	...	...	...	...	193,520
Bridgework	...	...	...	...	...	9,525
Joists	...	...	...	...	...	5,817
Scrap	...	...	...	...	...	4,003
Galvanised Sheets	...	...	...	...	...	7,807
Machinery	...	...	...	...	...	22,786
Carriage and Wagonwork	...	...	...	...	...	1,189
Wire (of all descriptions)	...	...	...	...	...	7,683
Manufactured (of all kinds other than the above)	...	...	...	...	...	4,246
						<u>347,534</u>
Cargo Coal	...	...	...	...	...	154,165
Bunker Coal (over 500 tons)	...	...	...	...	...	52,899
Coke	...	...	...	...	...	3,748
G.B. Slag	...	...	...	...	...	8,974
Salt	...	...	...	...	...	2,585
Sulphate of Ammonia	...	...	...	...	...	218,760
Chemical and Chemical Products (other than sulphate of Ammonia)	...	...	...	...	...	34,461
Pitch and Tar	...	...	...	...	...	48,011
Creosote Oil	...	...	...	...	...	18,507
Benzole, etc.	...	...	...	...	...	9,620
Petrol	...	...	...	...	...	9,464
Slag rough	...	...	...	...	...	81,829
Glass and Earthenware	...	...	...	...	...	799
Paint, etc.	...	...	...	...	...	2,908
Paper	...	...	...	...	...	1,148
Slag Wool	...	...	...	...	...	1,959
Cement	...	...	...	...	...	1,485
Sundry Goods	...	...	...	...	...	17,412

TOTAL EXPORTS 1,016,268 *Tons*

(C). MEDICAL INSPECTION OF ALIENS.

ANNUAL RETURN BY THE MEDICAL INSPECTOR OF ALIENS FOR THE YEAR ENDED 31st DECEMBER, 1948.

	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.	Undesirable 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 ...	184	184	38	—	—	—	—	—	—
(b) Aliens refused permission to land by the Immigration Officer	27	27	27	—	—	—	—	—	—
(c) Transmigrants ...	Nil	Nil	Nil	—	—	—	—	—	—
Total Aliens arriving at the Port ...	211	211	65	—	—	—	—	—	—

ALIENS ORDER, 1920.

The Port was recognised on the 4th June, 1947, as an approved Port for the landing of Alien passengers. The majority of the 184 aliens authorised to land were from Scandinavian Ports and were spending short holidays in this country. They were interviewed by the Medical Inspector and no certificates were issued prohibiting landing on medical grounds.

COUNTRIES FROM WHICH VESSELS ARRIVE.

Iron and other ores are imported from Sweden, Norway, Spain, North and West African Ports, Brazil, India and Canada.

Corn and cereals are transhipped from Hull and Newcastle.

Timber from Baltic Ports.

Potash from North Africa and Germany.

Groceries and provisions arrive from London and sugar from Kings Lynn and Boston.

Fruit and vegetables from Holland.

(III). SOURCE OF WATER SUPPLY.

- (A) FOR THE PORT.—The water is drawn from the Middlesbrough supply, which is maintained by the Tees Valley Water Board. This water is kept under constant supervision and is abundant and of good quality.
- (B) FOR SHIPPING.—Vessels draw their water supply from hydrants on the wharves, the town supply serving these hydrants. Occasionally ships laid at the buoys in the river are supplied from two water boats. These boats are kept under constant supervision ; the tanks cleaned out weekly and periodically inspected and samples of water taken frequently.

There is also a small tank on a sand barge belonging to the Middlesbrough Sand & Gravel Company which is used occasionally. This tank is kept under close observation and is cleaned out prior to use.

(IV). PORT HEALTH REGULATIONS.

ARRANGEMENTS FOR DEALING WITH DECLARATIONS OF HEALTH.

1. These are collected each morning from the Customs House.
2. The Declarations of Health are handed to the Customs Officer or Inspector of the Port Health Authority, whoever is first to board the ship. The number of Declarations of Health received during 1948 was 746.

No night service of inspection is maintained, except in the case of vessels signalling their need for special attention or having infectious disease on board. Messages by wireless are received from the Cullercoats receiving station and are generally delivered direct to the Port Medical Officer.

3. The Shipping Agents have agreed to the prompt transmission to the Medical Officer of any messages received by them under the Regulations. Messages are also received by morse signalling from the Tees Bay to the lightkeepers on the break-water and are telephoned to the Medical Officer. The appropriate flag and light signals are being observed. The Customs Officers and Pilots co-operate readily in notifying the Medical Officer of any suspicious illness on board vessels entering the Port.

3A. BOARDING OF VESSELS. All vessels reporting sickness on board are boarded by the Medical Officer and Inspector ; other vessels are boarded as soon as practicable.

4. MOORING STATIONS. There is a mooring station outside the docks situated in the river at the Eston No. 4 buoys. This station is for vessels infected or suspected on account of :—Plague, Cholera, Yellow Fever, Typhus or Smallpox.

4A. Ships entering the Port with a case of infectious disease, other than the above, are allowed to proceed to their place of mooring, but are quarantined until visited and declared clear.

5. Particulars of any standing exemption from the provisions of Article 14.

Arrangements have been made with H.M. Customs Boarding Officers to telephone the Port Medical Officer immediately in any case where an answer to the question in the Declaration of Health is given in the affirmative and the vessel is held in quarantine until visited by the Port Medical Officer.

6. The provisions of Article 16 of the principle Regulations have been carried out without difficulty during the year.

7. ARRANGEMENTS FOR WAITING ROOMS FOR MEDICAL EXAMINATION, CLEANSING AND DISINFECTION OF SHIPS, PERSONS AND CLOTHING :—

- (a) There is no accommodation for waiting rooms. Disinfection of ships for the prevention of infectious disease is carried out by the Port Health Staff.
- (b) Bedding and clothing are either burnt or removed to West Lane Isolation Hospital for disinfection.
- (c) Members of the crew are also removed to this Hospital and are accommodated in a building reserved for this purpose whilst they are bathed and their clothes disinfected.
- (d) Accommodation is reserved at West Lane Isolation Hospital for any infectious disease case admitted from the Port.
- (e) Ambulances are available for the removal of such cases.
- (f) All contacts are kept under daily supervision and the Medical Officer of the next port of call is intimated. The names and addresses given by persons allowed to leave under Article 16 are forwarded to the Medical Officer of Health for such districts.

8 & 9. ARRANGEMENTS FOR BACTERIOLOGICAL EXAMINATION OF RATS FOR PLAGUE.

Specimens of rats caught on ships and wharves are sent to the Emergency Public Health Laboratory, which reports on port-mortem and cultural examinations. All rats destroyed are examined by the Rat Catcher for evidence of disease. Pathological specimens are examined locally or sent to the Laboratory.

10. ARRANGEMENTS FOR THE DIAGNOSIS AND TREATMENT OF VENEREAL DISEASE.

The Special Treatment Centre is at the General Hospital and all seamen found to be suffering from these diseases are directed to attend for treatment.

Notices printed in various languages, giving full particulars of the services of the Clinic, are left on board the vessels.

Special notices have been sent to all Consuls, Vice-Consuls, Shipping Agents and the Missions to Seamen drawing their attention to the facilities available to seamen for the treatment of these diseases.

The following gives the nationality of those treated during the past year :—

SEAMEN TREATED AT SPECIAL TREATMENT CENTRE, MIDDLESBROUGH GENERAL
HOSPITAL DURING 1948.

Total number of Seamen who attended	585
British Seamen	200
British Empire Seamen	57
Foreign Seamen	328

Nationality of Seamen	Number treated.
British (Gt. Britain & Northern Ireland only) ...	200
British Empire—Aden	2
Australia	3
Canada	3
Cyprus	1
Eire	3
India and Pakistan	32
Malta G.C.	3
Newfoundland	1
Seychelle Islands	1
Somaliland	1
South Africa	2
West Indies	5
Foreign—	
America	5
Belgium	1
Brazil	1
Burma	1
China	10
Denmark	41
Egypt	1
Estonia	14
Finland	30
France	2
Germany	2
Greece	46
Holland	25
Italy	12
Japan	1
Lithuania	1
Morocco	1
Norway	28
Poland	12
Portugal	2
Roumania	1
Spain	7
Sweden	82
Yugoslavia	2

11. Arrangements for the interment of the dead. There is a mortuary at the riverside. Arrangements for burial are carried out by the Ship's Agents.

12. PARROTS (PROHIBITION OF IMPORTS) REGULATIONS.

There were four instances of parrots found on board vessels and in each case, written undertakings were given that the birds would either be destroyed or not landed.

TABLE C.

CASES OF INFECTIOUS SICKNESS LANDED FROM VESSELS.

	Number of cases during 1948		Number of vessels concerned	Average for previous five years.
	Passengers	Crew		
Chicken Pox	—	—	—	1.4
Measles	—	1	1	.4
Influenza	—	2	2	1.6
Diphtheria	—	—	—	.2
Dysentery	—	—	—	.8
German Measles	—	—	—	Nil
Malarial Fever	—	2	1	3.2
Mumps	—	—	—	Nil
Pneumonia	—	4	4	.4
Tuberculosis	—	—	—	.6
Typhoid Fever	—	—	—	Nil
Smallpox	—	—	—	Nil
Scarlet Fever	—	—	—	Nil
TOTALS	—	9	8	8.6

TABLE D.

CASES OF INFECTIOUS SICKNESS OCCURRING ON VESSELS
during the voyage, but disposed of prior to arrival.

Disease.	Number of cases during 1948		Number of vessels concerned.	Average for previous five years.
	Passengers	Crew		
Chicken Pox	—	—	—	.6
Dysentery	—	1	1	.4
Malarial Fever	—	7	4	23.2
Influenza	—	—	—	1.0
Measles	—	—	—	Nil
Pneumonia	—	2	2	.8
Diphtheria	—	—	—	Nil
Scarlet Fever	—	—	—	.2
Tuberculosis	—	—	—	.4
Erysipelas	—	—	—	.2
Mumps	—	—	—	.2
German Measles	—	—	—	.2
Anthrax	—	—	—	Nil
Paratyphoid Fever	—	—	—	.4
Smallpox	—	1	1	.6
Typhoid Fever	—	—	—	.6
TOTALS	—	11	8	28.8

PNEUMONIA.

S/S "Mercian." Arrived at the Port on the 14th March. The Master was found to be suffering from pneumonia and received medical attention on board.

S/S "Empire Moon." Arrived at the Port on the 30th April from Takoradi. An Arab fireman was removed to the General Hospital suffering from pneumonia.

S/S "Masirah." Arrived at the Port on the 21st June from India via London. One of the crew was found to be suffering from pneumonia and received medical attention on board.

S/S "City of Hong Kong." Arrived at the Port on the 13th October from Glasgow. An Indian seaman was removed to the General Hospital suffering from pneumonia.

S/S "Raymond Olivier." Arrived at the Port on the 22nd October from Lubeck. One of the crew had been admitted to Hospital at Immingham suffering from suspected pneumonia.

S/S "Itinda." Arrived at the Port on the 9th December from India via London and Dundee. One of the crew had been admitted to Hospital at London suffering from pneumonia.

INFLUENZA.

S/S "Tudor Prince." Arrived at the Port on the 6th April from London. The master was found to be suffering from influenza and received medical attention on board.

S/S "Donges." Arrived at the Port on the 1st December from La Pallice via Grangemouth. One of the crew was found to be suffering from influenza and was medically attended on board.

MEASLES.

M/V "Aldo." Arrived at the Port on the 14th April. The Master's child was found to be suffering from measles and received medical attention on board.

MALARIAL FEVER.

S/S "Amabilitas." Arrived at the Port on the 15th September. Two of the crew were removed to West Lane Isolation Hospital suspected to be suffering from Typhoid Fever. Both cases were diagnosed later as Malaria Fever. One of the patients died.

S/S "Anglo African." Arrived at the Port on the 24th April from Takoradi. One of the crew had suffered from Malaria Fever on the voyage and was given treatment on board prior to arrival.

S/S "Empire Beatrice." Arrived at the Port on the 10th July from Pepel. One of the crew had suffered from Malaria Fever on the voyage.

S/S "Hellenic Trader." Arrived at the Port on the 26th August from Pepel. Four of the crew had suffered from Malaria Fever on the voyage.

S/S "Harmatton." Arrived at the Port on the 17th September from Pepel. Two of the crew had suffered from Malaria Fever on the voyage.

S/S "Matheran." Arrived at the Port on the 1st December from New York via Avonmouth. One of the crew had suffered from Malaria on the voyage.

TUBERCULOSIS.

S/S "Mahout." Arrived at the Port on the 6th September from Baltimore via Southampton. One of the crew had been landed at Baltimore suffering from suspected tuberculosis.

DYSENTERY.

S/S "Jalamoti." Arrived at the Port on the 25th November from India via London. One of the crew had been landed at London suffering from Dysentery.

SMALLPOX.

S/S "Thamesfield." Arrived at the Port on the 25th November from Abadan via Suez and Hull. One of the crew had been landed at Suez suffering from Smallpox.

RETURN OF CASES OF SICKNESS OR INJURY found on vessels entering the Port.

Asthma	...	...	...	...	1
Appendicitis	...	...	...	...	1
Bronchitis	...	...	...	...	1
Dysentery	...	...	...	...	1
Excema	...	...	...	...	1
Fractured rib	...	...	...	...	2
Heart failure	...	...	...	...	2
Influenza	...	...	...	...	2
Multiple injuries	...	...	...	...	3
Measles	...	...	...	...	1
Malaria Fever	...	...	...	...	2
Orchitis	...	...	...	...	1
Pneumonia	...	...	...	...	4
Pleurisy	...	...	...	...	1
Pyelitis	...	...	...	...	1
Rheumatism	...	...	...	...	2
Rupture	...	...	...	...	1
Scabies	...	...	...	...	2
Stomach trouble	...	...	...	...	1
Sciatica	...	...	...	...	1
Septic finger	...	...	...	...	1
Septic throat	...	...	...	...	1
Tonsilitis	...	...	...	...	2
Venereal Disease	...	...	...	...	39
TOTAL	...	...	...	...	74

Of the above, 48 were treated at Hospital or at the Clinic, 25 were given medical treatment on board and one was sent home for treatment.

RETURN OF CASES OF SICKNESS OR INJURY

dealt with before arrival at the Port.

Appendicitis	1	Stomach trouble	1
Dysentery	1	Suspected food poisoning	1
Fractured leg	1	Smallpox	1
Injury to spine	1	Tuberculosis	1
Malarial Fever	9	Venereal Disease	4
Observation	1		
Pyrexial diarrhoea	6		
Pneumonia	2		
		TOTAL	30

Of the above, 19 cases were dealt with at sea. Ports at which the preceding were dealt with :—

Brixham ... 3	Plymouth ... 1	Baltimore ... 1	Bougie ... 1
Immingham 1	Suez ... 1	London ... 2	Dartmouth ... 1

MEASURES AGAINST RODENTS.

(1) (a) In ships in the Port.

All ships entering the Port are examined for evidence of rats by the Rat Searchers, who are wholtime Officers of the Port Health Authority. Where rat indications are discovered, traps are set and specimens caught are sent for bacteriological examination. If necessary, orders for deratisation are served and this is carried out by fumigation.

(b) The Rat Searcher spends part of his time searching the wharves and quays and obtains specimens for bacteriological examination. The owners of the docks and wharves employ recognised rat catchers.

(2). Rat guards are placed on hawsers mooring vessels to the wharves. Tarring of mooring ropes is also carried out in certain cases.

All rats, whether trapped or found dead after fumigation, are examined for signs of disease and any found dead are sent for bacteriological examination.

(3) (a). The ships are prepared for fumigation and fumigated under the supervision of the Authority's Officers. The fumigation is carried out by well known firms who specialise in this work. The fumigants used are :—

1. H.C.N. by the liquid method, sealed from 4-6 hours.
2. H.C.N. by the Zyklon "B" method (Cyanosorb).
3. Burning of sulphur, 3-lbs. per 1,000 cu. ft. space, sealed from 6-8 hours.
4. Salfakose, 1½-lbs. per 1,000 cu. ft. 6 hours sealed.

(b) Premises in the vicinity of docks or quays are deratised by periodical trapping and poisoning and occasionally by fumigation with hydrogen cyanide gas.

4. All vessels are searched on arrival in the Port by the Authority's Rat Searchers, particular attention being given to vessels arriving from foreign ports. The Searchers spend part of their time examining the wharves for the detection of rat prevalence.

5. (a) None of the existing buildings are strictly rat-proof.

(b) (i) It is found that new vessels are, to a large extent, rat-proof. In older vessels, suggestions for rat-proofing are made to the companies' superintendents when necessary.

(ii) The buildings are kept under constant supervision and suggestions for improving rat-proofing are made from time to time as required.

RATS DESTROYED DURING THE YEAR.

TABLE (E).

(1) On Vessels.

[illegible]

TABLE (F).

(2) In Docks, Quays, Wharves and Warehouses.

Number of Rats	Jan.	Fb.	Mr.	Ap.	May	Jun.	July	Au.	Sep.	Oct.	Nv.	Dec.	Total in Year
Black ...	-	-	-	1	-	3	-	-	2	3	-	-	9
Brown ...	23	11	14	22	19	21	11	23	16	20	25	23	228
Species not recorded ...	-	-	-	-	-	-	-	-	-	-	-	-	-
Examined Bacteriologically	-	-	1	1	1	1	1	1	1	1	1	1	10
Infected with Plague ...	-	-	-	-	-	-	-	-	-	-	-	-	-

TABLE G.

Measures of Rat Destruction on Plague "Infected" or "Suspected" Vessels, or vessels from Plague infected Ports arriving in the Port during the year.

Total Number of such Vessels arriving	Number of such Vessels fumigated with S.O.2	Number of Rats killed	Number of such Vessels fumigated with H.C.N.	Number of Rats killed	Number of such vessels on which trapping, poisoning, etc. were employed	Number of Rats killed	Number of such vessels on which measures of Rat destruction were not carried out
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
2	-	-	-	-	-	-	2*

* These vessels were searched but no traces of rodent infestation were discovered.

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- ratation Exemp- tion Certi- ficates issued (8)	Number Total Certi- ficates issued (9)
		After fumigation with			After Trapping Poisoning, etc.	Total		
		H.C.N.	Sulphur	H.C.N. and Sulphur				
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
Ships up to 300 tons	107	2	—	—	—	2	105	107
Ships from 301 tons to 1,000 tons	21	—	—	—	—	—	21	21
Ships from 1,101 tons to 3,000 tons	50	8	—	—	—	8	42	50
Ships from 3,001 tons to 10,000 tons	67	19	—	—	—	19	48	67
Over 10,000 tons	1	—	—	—	—	—	1	1
TOTALS	246	29	—	—	—	29	217	246

* Applicable only to those Ports approved by the Minister of Health for the issue of Deratisation Certificates and Deratisation Exemption Certificates in accordance with the provisions of Article 28 of the International Sanitary Convention, 1926. (Form Port 11).

HYGIENE OF CREW'S SPACES.

TABLE J.

Classification of Nuisances.

Nationality of vessel	Number inspected during the year	Defects of original construction	Structural defects through wear and tear	Dirt, vermin and other condition prejudicial to health.
British ..	1,530	3	66	37
Other Nations	1,432	—	6	12

GENERAL SANITARY SUPERVISION.

During the year, 73 informal or verbal notices dealing with 124 nuisances were served, 105 of which were complied with. These related to:—

Verminous quarters	34
Dirty quarters	11
Accommodation requiring painting ...	10
Defective heating apparatus	9
Defective ports and port glasses ...	9
Defective and leaking overhead decks ...	7
Defective W.C. flush pipes and apparatus	5
Defective accommodation doors	4
Choked or defective W.C.'s.	4
Defective W.C. seats	3
Defective flush water pipes	3
Choked sink waste pipes	2
Defective bulkheads in accommodation	2
Choked scuppers	2
Defective skylights	2
Defective hawse pipes	2
Defective washbasins	2
Dirty iceboxes	2
Scupper requiring fixing in W.C. ...	1
Defective after peak tank top	1
Defective W.C. Pan	1
Lack of heating in accommodation ...	1
Dirty mattresses	1
Dirty storeroom	1
Sanitary tank to fit	1
Dirty washplaces	1
Dirty galley and pantry	1
Defective bed fittings	1
Defective deck	1
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	124

NATIONALITY OF FOREIGN VESSELS.

Dutch	685
Swedish	306
Norwegian	122
Danish	100
Finnish	...	...	...	...	37
German	...	...	...	...	36
French	...	...	...	...	32
Panamanian	...	...	...	...	27
Greek	...	...	...	...	26
Italian	...	...	...	...	19
Spanish	...	...	...	...	14
Belgian	...	...	...	...	6
Canadian	...	...	...	...	5
Russian	...	...	...	...	4
Eirean	...	...	...	...	3
American	...	...	...	...	2
South African	...	...	...	...	2
Polish	...	...	...	...	2
Honduran	...	...	...	...	2
Fairoese	...	...	...	...	1
Cyprian	...	...	...	...	1
TOTAL					1,432

VERMINOUS VESSELS.

Feb.	23	S/S "Mathura"	...	Accommodation fumigated with H.C.N.
March	20	S/S "Kerma"	...	do.
April	5	S/S "Fort Mingan"	...	Accommodation sprayed with insecticide.
May	25	S/S "Burdale"	...	do.
	31	S/S "Fort Grouard"	...	do.
	31	S/S "Panaghis"	...	Accommodation fumigated with H.C.N.
June	15	S/S "Auctoritas II"	...	do.
July	5	S/S "Bellavista"	...	Accommodation sprayed with insecticide.
	6	S/S "Aurora Borealis"	...	Messroom sprayed with insecticide.
	13	S/S "Dux"	...	Provision store sprayed with insecticide.
	19	S/S "Penhale"	...	Accommodation sprayed with insecticide.
	26	S/S "Bharatkand"	...	Accommodation fumigated with H.C.N.
	28	S/S "Empire Nerissa"	...	Crews' messroom sprayed with insecticide.
Aug.	10	S/S "Baron Elcho"	...	Crews' accommodations sprayed with insecticide.
	17	S/S "Walter Scott"	...	Accommodation fumigated with H.C.N.
	19	S/S "Temple Arch"	...	Pantry sprayed with insecticide.
Sept.	2	S/S "Fort Sturgeon"	...	Crews' accommodation sprayed with insecticide.
	7	S/S "Mount Rhodope"	...	do.
	13	S/S "Dimitrios A Kydoniefs"	...	do.

VERMINOUS VESSELS—continued.

Oct.	8	S/S "City of Colchester"	Storeroom sprayed with insecticide.
	9	S/S "Baron Yarborough"	Crews' accommodation sprayed with insecticide.
	11	S/S "Harmatras" ...	Pantry and galley sprayed with insecticide.
	11	S/S "Empire Conrad"...	Pantry and crews' accommodation sprayed with insecticide.
Dec.	3	S/S "Queenworth" ...	Crews' accommodation sprayed with insecticide.
	3	M/V "Stainton" ...	Crews' accommodation fumigated with H.C.N.
	28	S/S "Templeyard" ...	Pantry and galley sprayed with insecticide.
	28	S/S "Noemi" ...	Crews' accommodation sprayed with insecticide.

Does not include vessels reported and dealt with at the next British Port.

CASES OF ILLNESS OR INJURY ON BOARD VESSELS.

Reported or dealt with during the year 1948.

Date	Name of Vessel	Where from	Nature of illness	Remarks.
Jan. 5	Hildur ...	Helsingborg ...	V.D. ...	Referred to Clinic.
12	Karesuando ...	Narvik ...	Scabies ...	Treated on board by Dr. Pedlow.
19	Urbino ...	Antwerp ...	Tonsillitis ...	do.
Feb. 10	Fylingdale ...	Bone ...	V.D. (3 cases) ...	Referred to Clinic.
13	Halbjorg ...	Oxelosund ...	Appendicitis ... Fractured leg ... Stomach trouble ...	All landed to Hospital at Brixham.
16	Uto ...	Oxelosund ...	V.D. ...	Referred to Clinic.
21	San George ...	Casablanca ...	V.D. (2 cases) ...	do.
23	Mathura ...	India & Dundee	V.D. ...	do.
23	Torkel ...	Bremen ...	V.D. (3 cases) ...	do.
28	Hamilton Park ...	Bougie ...	Tonsillitis ...	Treated on board by Dr. Pedlow.
29	Hamilton Park ...	Bougie ...	Stomach trouble ...	do.

CASES OF ILLNESS ON BOARD VESSELS—*continued.*

Date	Name of Vessel	Where from	Nature of illness	Remarks.
March 2	Maude ...	Oxelosund ...	Orchitis ...	Landed to North Ormesby Hospital.
2	Rena ...	Narvik ...	V.D. ...	Referred to Clinic.
5	Mercian ...	Coastwise ...	Pneumonia ...	Treated on board by doctor
5	Nikobar ...	Copenhagen	Multiple injuries	Died in North Ormesby Hospital..
10	Kingsborough ...	Bone ...	V.D. (2 cases) ...	Referred to Clinic.
12	Polly ...	Bremen via Leith ...	V.D. ...	do.
13	Turul ...	Narvik ...	V.D. ...	do.
16	Indian Enterprise	Pepel ...	Fractured ribs ...	Removed to North Ormesby Hospital.
20	Kerma ...	Benisaf ...	Injuries ...	Died at sea.
April 6	Tudor Prince ...	Port Said & London ...	Influenza ...	Treated on board by doctor.
14	Aldo ...	Coastwise ...	Measles ...	Visited by Deputy Medical Officer of Health.
24	Anglo African ...	Takoradi ...	Malaria ...	Treated on board during voyage.
30	Empire Moon ...	Takoradi ...	Susp.Pneumonia ...	Removed to General Hospital.
30	Empire Moon ...	Takoradi ...	V.D. ...	Treated on board during voyage.
May 5	Samson ...	Bone ...	Excema ...	Removed to North Ormesby Hospital.
5	Ismaila ...	Bombay via London ...	V.D. ...	Referred to Clinic.

CASES OF ILLNESS ON BOARD VESSELS—continued.

Date	Name of Vessel	Where from	Nature of illness	Remarks.
May 15	Umtali ...	South Africa via London	V.D. (2 cases) ...	Treated on board during voyage.
21	Clan MacLaren...	Colombo via London ...	V.D. ...	Referred to Clinic.
June 7	Polyana ...	Wabana ...	Heart failure ...	Died at sea. Body landed to South Bank Mortuary.
14	Maxmanus ...	Narvik ...	Scabies ...	Attended by Doctor.
21	Sherbourne ...	Pepel ...	V.D. (3 cases) ...	Referred to Clinic.
21	Masirah ...	India via London ...	Susp.Pneumonia ...	Attended on board by Doctor.
26	Mahronda ...	Antwerp ...	Heart failure ...	Died on arrival. Body landed to Mortuary.
29	Miguel de Larrinaga	Wabana ...	Fractured rib ...	Attended by Doctor on board.
30	Signefjord ...	Nantes ...	Rheumatism ...	Attended by Doctor on board.
July 1	Leandros ...	Wabana ...	Rheumatism ...	Attended by Doctor on board.
3	Spurt ...	Kiel via Hull ...	V.D. ...	Referred to Clinic.
10	Empire Beatrice	Pepel ...	Malaria ...	Treated on board during voyage.
10	Fredhem ...	Lulea ...	Sciatica ...	Attended by Doctor on board.
16	Dorotea ...	Lulea ...	V.D. ...	Referred to Clinic.
19	Ithakos ...	Narvik ...	V.D. (3 cases) ...	do.
22	Fitzroy ...	Falkland Islands via Plymouth	Pyrexial diarrhoea	Treated on board during voyage. (6 cases—1 case landed to Hospital at Plymouth.)

CASES OF ILLNESS ON BOARD VESSELS—*continued.*

Date	Name of Vessel	Where from	Nature of illness	Remarks.
July 30	Lovstad ...	Benisaf ...	V.D. (3 cases) ...	Referred to Clinic.
Aug. 6	Fiducia ...	Antwerp via Alloa	Susp. Appendicitis:	Attended by Doctor on board.
26	Hellenic Trader	Pepel via ... Immingham	Malaria (4 cases) ...	Treated on board during voyage.
Sept. 6	Mahout ...	Baltimore via Southampton	Susp. Tuberculosis	Landed to Hospital at Baltimore.
14	Basingdale ...	Bougie ...	Injured spine ...	Landed to Hospital at Bougie.
15	Amabilitas ...	Pepel ...	Susp. Typhoid (2 cases) diagnosed later as Malaria	Seen on board by Doctor. Both cases removed to West Lane Hospital. 1 case proved fatal.
17	City of Leicester	Algiers ...	Pleurisy ...	Attended on board by Doctor.
17	Harmattan ...	Pepel ...	Malaria (2 cases) ... Septic finger ...	Treated on board during voyage. Attended on board by Doctor.
Oct. 1	Parma ...	Ghent ...	V.D. ...	Referred to Clinic.
4	Loch Ryan ...	Hamburg via Southampton	V.D. ...	Referred to Clinic.
9	Kalix ...	Narvik ...	Susp. Pneumonia...	Admitted to General Hospital—died.
13	City of HongKong	Glasgow ...	Asthma ...	Admitted to General Hospital.
19	Harperley ...	Wabana ...	Susp. Typhoid ...	Admitted to West Lane Hospital. Later trans- ferred to General Hospital and diagnosed as Pyelitis.
22	Raymond Olivier	Lubeck ...	Susp. Pneumonia...	Landed to Hospital at Immingham.

CASES OF ILLNESS ON BOARD VESSELS—*continued.*

Date	Name of Vessel	Where from	Nature of illness	Remarks.
Oct. 25	Lila ...	Coastwise ...	Sore Throat ...	Attended by Doctor on board.
28	Leon De Nervo	Lagoulette via Gibraltar	Suspected food Poisoning	Dealt with on voyage.
28	do. ...	do. ...	V.D. ...	Referred to Clinic.
Nov. 8	Dentonia Park ...	Pepel ...	V.D. ...	Referred to Clinic.
19	Mount Rhodope	Narvik ...	Bronchitis ...	Attended on board by Doctor.
22	City of Khartoum	Hamburg ...	Accident ...	Drowned at sea.
25	Jalamoti ...	India via London	Dysentery ...	Landed to Hospital at London.
25	Thamesfield ...	Abadan via Suez	Smallpox ...	Landed at Suez. All crew vaccinated at Suez.
Dec. 1	Donges ...	La Pallice via Grangemouth	Influenza ...	Attended on board by Doctor.
1	Matheran ...	New York via Avonmouth	Susp. Malaria ...	Treated on board during voyage.
9	Itinda ...	India via Dundee	Pneumonia ...	Landed to Hospital at London.
9	Clan Lamont ...	India via London	Rupture ...	Sent home for treatment.
13	Avisbrook ...	Bilboa ...	V.D. (3 cases) ...	Referred to Clinic.
14	Torswinge ...	Coastwise ...	V.D. ...	do.
14	Erindring ...	Wismar ...	V.D. (2 cases) ...	do.
17	Polcirkeln ...	Narvik ...	Accident ...	Died on voyage.
28	Noemi ...	Casablanca ...	? ...	Landed at Dartmouth for observation.
28	Noemi ...	Casablanca ...	Accident ...	Drowned at sea.

(VII). FOOD INSPECTION.

Consignments of foodstuffs have been systematically examined during the year. These consisted of:—Wheat; fruit; vegetables; groceries; canned meats; tea; custard powder; sugar and syrup. They were all found to be in good, sound condition.

(1) It was not found necessary to take any action under the Public Health (Imported Foods) Regulations, 1937, the Public Health (Imported Milk) Regulations, 1926, and the Public Health (Preservatives, etc. in Food) Regulations, 1925 to 1940.

(2). Shell-fish. In 1932 the River Tees Port Health Authority made regulations under the Public Health Act, 1896, prohibiting the sale or offering for sale any mussels, cockles, periwinkles or other shellfish taken from within the district unless and until such shellfish have been relaid for such a period as may be directed.

There are no beds laid in the Tees Estuary. The River Police keep the collecting of shellfish from the banks of the river under observation. All shellfish in the area are liable to pollution.

No action has been taken during the year under the Public Health (Shell-fish) Regulations, 1934, or the Food and Drugs Act, 1938.

(3). It was not found necessary to take any samples of food for analytical or bacteriological examination during the year.

Samples of water are taken from the water boats supplying vessels with water monthly.

MOTOR LAUNCH "MERCIE II."

Delivery of this new motor launch from the builders, Messrs. Brooke Marine of Lowestoft, is expected very shortly.

