

**[Report 1956] / Medical Officer of Health, Tyne Port Health Authority.**

**Contributors**

Tyne Port Health Authority.

**Publication/Creation**

1956

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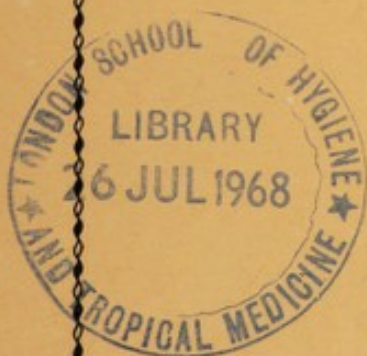
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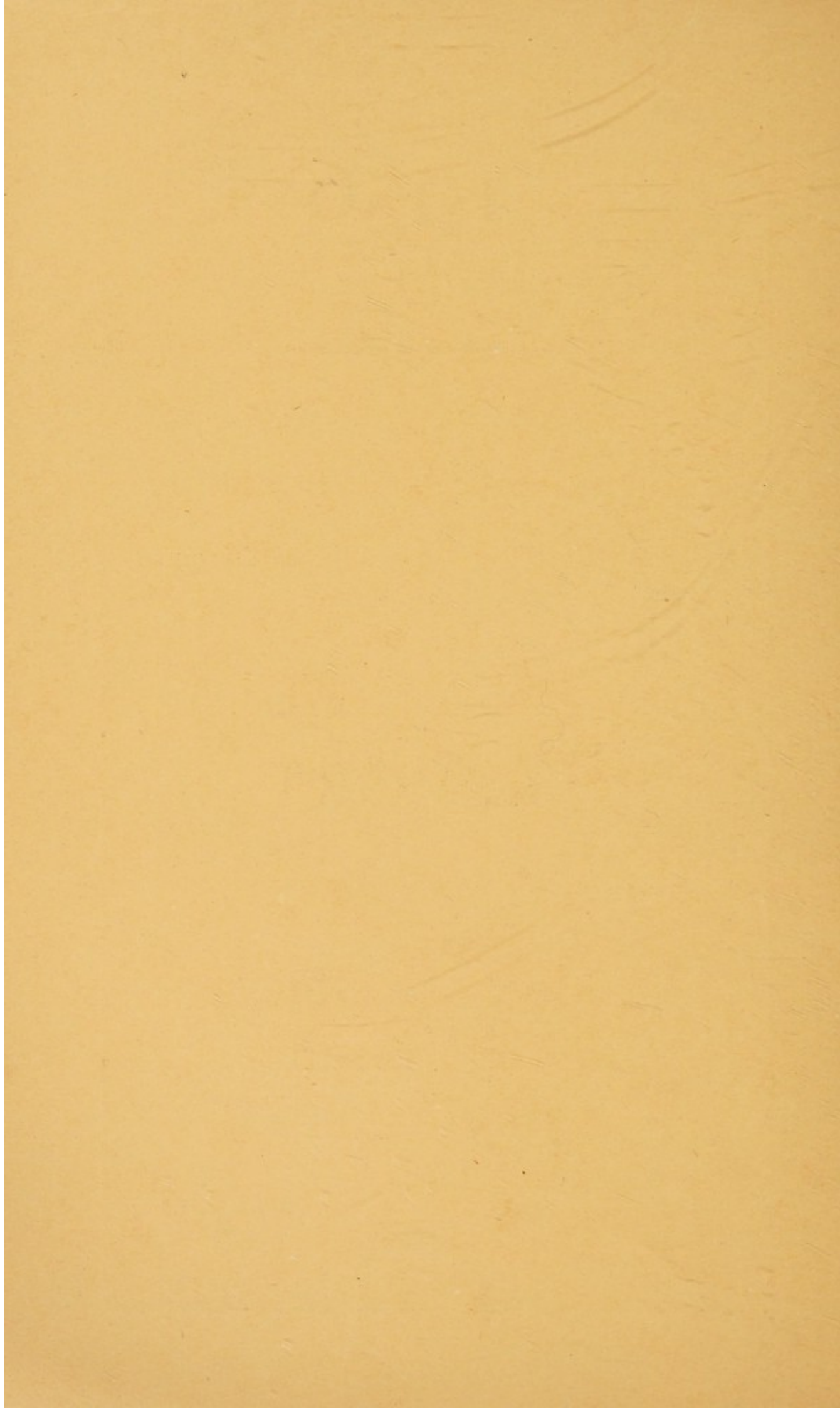
Tyne Port Health Authority



# ANNUAL REPORT

OF THE

Medical Officer  
of Health





1956

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Tyne Port Health Authority

**ANNUAL  
REPORT**

OF THE

**Medical Officer  
of Health**

SOUTH SHIELDS  
R. SIMPSON & SONS, CHAPTER ROW.

1957.

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# Tyne Port Health Authority

CONSTITUTED BY LOCAL GOVERNMENT BOARD'S ORDER,

DATED 29TH MARCH, 1897.

ELECTED BY THE CORPORATION OF NEWCASTLE :

COUNCILLOR R. A. DIXON.  
COUNCILLOR R. M. HENDERSON, J.P.  
COUNCILLOR J. McCAMBRIDGE, J.P.  
COUNCILLOR D. A. R. MILLIGAN.  
COUNCILLOR G. ROBSON, J.P.  
COUNCILLOR M. SHAW.  
ALDERMAN J. W. TELFORD.  
ALDERMAN E. B. TEMPLE.

ELECTED BY THE CORPORATION OF GATESHEAD :

ALDERMAN J. T. ETHERINGTON.  
ALDERMAN J. A. HUTCHINSON.  
ALDERMAN B. N. YOUNG.

ELECTED BY THE CORPORATION OF SOUTH SHIELDS :

COUNCILLOR G. GIBSON.  
COUNCILLOR E. W. MACKLEY, J.P.  
ALDERMAN E. SUTTON, J.P.

ELECTED BY THE CORPORATION OF TYNEMOUTH :

COUNCILLOR W. LITTLE (CHAIRMAN).  
COUNCILLOR A. SOUTHWORTH.

ELECTED BY THE CORPORATION OF WALLSEND :

ALDERMAN P. J. McARDLE, J.P.  
ALDERMAN C. L. PALMER, J.P.

ELECTED BY THE CORPORATION OF JARROW :

ALDERMAN A. MORRISON.

ELECTED BY THE HEBBURN URBAN DISTRICT COUNCIL :

COUNCILLOR J. G. KERR, J.P.

ELECTED BY THE FELLING URBAN DISTRICT COUNCIL :

COUNCILLOR T. P. S. PRUDHAM (Vice-Chairman).

ELECTED BY THE BLAYDON URBAN DISTRICT COUNCIL :

COUNCILLOR J. T. STEPHENSON.

ELECTED BY THE NEWBURN URBAN DISTRICT COUNCIL :

COUNCILLOR C. A. WOODS.

ELECTED BY THE WHICKHAM URBAN DISTRICT COUNCIL :

COUNCILLOR J. BRIGGS.

The above Constitution is as existing on the 31st December, 1956.



## SECTION I—STAFF

TABLE A

Name of Officer.	Nature of Appointment.	Date of Appointment.	Qualifications.	Any other Appointments held.
T. L. J. COXON	Medical Officer of Health	1st Jan., 1937	M.D., B.S., B.Hy., D.P.H.	Medical Inspector of Aliens.
J. EUSTACE	Deputy Medical Officer of Health	27th July, 1955	M.D., M.R.C.P., I.	Deputy Medical Inspector of Aliens
J. ENGLISH	Clerk to the Authority.			
J. GOODWOOD	Treasurer.			
N. PARK	Chief Port Health Inspector	12th Sept., 1926	Cert. R.S.I.	
R. O. BURN	Food Inspector, Deputy Chief Port Health Inspector	30th May, 1933	Cert R.S.I. Cert Meat and other foods.	
W. B. WEATHERSTON	Port Health Inspector	6th Feb., 1933	Cert R.S.I.	
W. G. L. DICKS	Port Health Inspector	16th Jan., 1952	Cert Meat and other Foods. Cert R.S.I.	
H. BURN	Clerk	4th March, 1935.		
J. H. ROBINSON	Rat Searcher	9th Feb., 1925.		
R. HUMPHREY	Rat Searcher	31st Dec., 1951.		
J. W. RAY	Launch Coxswain	15th May, 1922,		
R. S. BURN	Launch Coxswain	14th April, 1939.		
K. JARVIS	Launch Hand	27th Nov., 1950.		
L. HUMPHREY	Launch Hand	28th Sept., 1953.		

## OFFICES OF THE AUTHORITY.

Medical Officer of Health—Mill Dam, South Shields, Tel. South Shields 65.

Chief Inspector—Mill Dam, South Shields, Tel. South Shields 65.

Clerk to the Authority—145 Pilgrim Street, Newcastle upon Tyne 1, Tel. Newcastle 22796.

## Tyne Port Health Authority

MILL DAM,  
SOUTH SHIELDS.

*May, 1957.*

THE CHAIRMAN,  
VICE-CHAIRMAN AND MEMBERS OF THE  
TYNE PORT HEALTH AUTHORITY.

Ladies and Gentlemen,

In presenting my report for the year 1956, it is my custom to give a very brief resume of the service provided to safeguard the health and trade of the river ; the activities occurring therein and the state of trade as evidenced by imports and exports together with the extent of the traffic in passengers both business and tourist.

Health conditions on all vessels arriving and remaining in the port have been excellent, sickness has been at a very low rate, and there has been a complete absence of any major infectious disease.

In respect of general trade, imports show a reduction in the amount of perishable goods chiefly foodstuffs, and some increase in heavy raw materials for manufacturing purposes.

Coal remains on this river a major commodity in the extensiveness of the trade but the falling trend in the quality of true (i.e. foreign) exports has continued, and a further increase in importation from abroad has again occurred.

The condition of shipping has maintained improvement with further reduction in older tonnage, and a high proportion of new vessels, giving facilities and conditions on board greatly in excess of statutory requirements.

In pace with the improvement in design of new vessels has been the rise in proportion of Deratting Exemption as against Deratting Certificates. The percentage figure is 97.3 to 2.6.

Thirty years ago this figure could almost have been reversed.

Close collaboration with H.M. Customs & Excise, and H.M. Immigration Service has been well maintained and my thanks are due to both for the cordiality of our relations.



The Tyne Improvement Commission in its various branches has been most helpful and I would not like to omit mention in this letter of the Tyne Pilotage Authority and their most efficient and helpful officers and staff.

Your own staff have, as is customary, given of their best efforts in your service.

The only truly discordant note in what has been in the main a fairly satisfactory year is, as it has been in the past many years, struck by the continuation and constant exacerbation of the polluted nature of the river itself.

I am,

Ladies and Gentlemen,

Your obedient servant,

T. L. J. COXON.

# TYNE PORT HEALTH AUTHORITY

Report of the Medical Officer of Health for the Year ended  
31st December, 1956.

## SECTION II—AMOUNT OF SHIPPING ENTERING THE DISTRICT DURING THE YEAR 1956.

TABLE B.

Ships from	Number	Tonnage	Number inspected.		Number of ships reported as having, or having had during the voyage, infectious disease on board.
			By the Medical Officer of Health.	By the Sanitary Inspectors.	
Foreign Ports .....	1,502	3,002,844	585	1,437	3
Coast-wise .....	4,612	4,981,238	29	3,939	4
Total .....	6,114	7,984,082	614	5,376	7

\* These totals do not include Fishing Vessels.

Total number of vessels visited by Inspectors :—

### *British Ships.*

Steam .....	2,196	
Motor .....	1,498	
Sail .....	.....	
Fishing .....	111	
	<hr/>	3,805

### *Foreign Ships.*

Steam .....	673	
Motor .....	1,009	
Sail .....	.....	
Fishing .....	84	
	<hr/>	1,766
Re-visits .....		787
		<hr/>
		6,358

Total number of crews of vessels visited by Inspectors :—

### *British Ships.*

British White .....	72,270	
British Coloured .....	4,621	
Alien White .....	1,028	
Alien Coloured .....	2,814	
	<hr/>	80,733

*Foreign Ships.*

British White .....	737		
British Coloured .....	83		
Alien White .....	51,922		
Alien Coloured .....	151		
		<hr/>	
		52,893	
		<hr/>	
			133,626
			<hr/>

*British Fishing Vessels.*

British White .....	1,095		
British Coloured .....			
		<hr/>	
		1,095	

*Foreign Fishing Vessels.*

Alien White.....	1,450	1,450	
		<hr/>	
			2,545
			<hr/>

Total number of passengers of vessels visited by Inspectors :—

*British Ships.*

British .....	229		
Alien .....	78		
		<hr/>	
		307	

*Foreign Ships.*

British .....	36,817		
Alien .....	25,722		
		<hr/>	
		62,539	
		<hr/>	
			62,846
			<hr/>

*Fishing Vessels.*

British .....			
Alien .....			
		<hr/>	

Tonnage of vessels visited by Inspectors :—

*Steamers.*

British .....	3,119,153		
Foreign .....	1,159,383		
		<hr/>	
		4,278,536	

*Motors.*

British .....	2,021,808		
Foreign .....	1,309,138		
		<hr/>	
		3,330,946	



*Sailing Vessels.*

British .....	Nil.	
Foreign .....	Nil.	
	<hr/>	Nil.
		<hr/> 7,609,482

*Fishing Vessels.*

British .....	9,421	
Foreign .....	8,608	
	<hr/>	18,029
		<hr/>

The Nationalities of vessels inspected were as follows :—

British .....	3,694
Argentinian .....	2
Belgian .....	3
Bermudan .....	1
Bulgarian .....	1
Costa Rican .....	24
Danish .....	129
Dutch .....	360
Finnish .....	90
French .....	40
German .....	241
Greek .....	10
Honduran .....	1
Icelandic .....	4
Irish .....	1
Italian .....	4
Liberian .....	15
Moroccan .....	1
Norwegian .....	450
Panamanian .....	28
Polish .....	2
Portuguese .....	1
Russian .....	5
Spanish .....	2
Swedish .....	259
Swiss .....	1
Syrian .....	1
Turkish .....	5
United States America .....	1
Totals .....	<hr/> 5,376
	<hr/>

The Nationalities of Fishing Vessels visited were as follows :—

British .....	111
Danish .....	2
Dutch .....	2
French .....	30
Faroese .....	1
German .....	1
Polish .....	46
Russian .....	2
	<hr/>
	195
	<hr/>

The number of Re-visits made during the year were as follows :—

In connection with the issuing of Deratting and Deratting Exemption Certificates .....	521
In connection with health .....	144
In order to have defects remedied .....	122
	<hr/>
	787
	<hr/>

The number of vessels inspected during each year for the last 10 years has been as follows :—

1947	Vessels .....	4,708	
	Fishing Vessels .....	65	
	Re-visits .....	820	
		<hr/>	5,593
1948	Vessels .....	5,044	
	Fishing Vessels .....	338	
	Re-visits .....	815	
		<hr/>	6,197
1949	Vessels .....	5,601	
	Fishing Vessels .....	150	
	Re-visits .....	772	
		<hr/>	6,523
1950	Vessels .....	5,561	
	Fishing Vessels .....	88	
	Re-visits .....	767	
		<hr/>	6,416
1951	Vessels .....	5,281	
	Fishing Vessels .....	51	
	Re-visits .....	787	
		<hr/>	6,119

1952	Vessels .....	5,807	
	Fishing Vessels .....	80	
	Re-visits .....	957	
			6,844
1953	Vessels .....	5,410	
	Fishing Vessels .....	62	
	Re-visits .....	744	
			6,216
1954	Vessels .....	5,504	
	Fishing Vessels .....	290	
	Re-visits .....	929	
			6,723
1955	Vessels .....	5,474	
	Fishing Vessels .....	212	
	Re-visits .....	923	
			6,609
1956	Vessels .....	5,376	
	Fishing Vessels .....	195	
	Re-visits .....	787	
			6,358



### SECTION III—CHARACTER OF SHIPPING AND TRADE DURING THE YEAR.

TABLE C.  
PASSENGER TRAFFIC.

Number of passengers INWARDS.....	64,066
Number of passengers OUTWARDS.....	64,554

#### CARGO TRAFFIC.

Total tonnage entering the port during the past ten years has been as follows :—

1947.	Foreign .....	1,575,042	
	Coastwise .....	3,925,508	
			5,500,550
1948.	Foreign .....	1,752,855	
	Coastwise .....	4,287,243	
			6,040,098
1949.	Foreign .....	2,304,073	
	Coastwise .....	5,000,246	
			7,304,319
1950.	Foreign .....	2,297,988	
	Coastwise .....	5,379,139	
			7,677,127
1951.	Foreign .....	2,363,725	
	Coastwise .....	5,387,212	
			7,750,937
1952.	Foreign .....	2,577,003	
	Coastwise .....	5,532,957	
			8,109,960
1953.	Foreign .....	2,582,323	
	Coastwise .....	5,583,724	
			8,166,047
1954.	Foreign .....	2,874,561	
	Coastwise .....	5,279,988	
			8,154,549
1955.	Foreign .....	3,001,123	
	Coastwise .....	5,044,559	
			8,045,682
1956	Foreign .....	3,002,844	
	Coastwise .....	4,981,238	
			7,984,082

Through the courtesy of the General Manager of the Tyne Improvement Commission, I am able to give the following report on the import and export trade of the Tyne Ports.

#### *Principal Imports.*

	<i>Tons.</i>
Iron Ore .....	1,387,202
Oil Fuel and other oils .....	889,341
Grain .....	332,874
Timber (excluding Pit Props) .....	155,818
Cement .....	136,294
Provisions ....	96,131
Pit Props .....	133,604
Iron and Steel Scrap .....	64,141

<i>Principal Imports</i>	<i>Tons.</i>
Metals and Minerals (excluding Iron Ore)	74,506
Petroleum Spirit .....	58,118
Coal .....	97,531
Iron and Steel Manufactures .....	55,177
Fruit and Vegetables .....	31,716
Fertilizers .....	17,819
Fish .....	28,407
Beer .....	1,415
Other Goods .....	98,461
<b>Total .....</b>	<b>3,658,555</b>

<i>Principal Exports :—</i>	<i>Tons.</i>
Sulphate of Ammonia.....	100,169
Oil Fuel Cargo .....	122,131
Tar and Pitch .....	37,759
Machinery.....	33,724
Iron and Steel Manufactures .....	26,167
Lime (Waste) .....	71,372
Firebricks and Fireclay Goods .....	7,091
Textiles .....	6,533
Grain and Feeding Stuffs .....	12,861
Paints .....	5,123
Metals (Non-Ferrous) .....	9,032
Petroleum Spirit .....	2,999
Rope and Twine .....	1,969
Other Goods .....	52,263
<b>Total .....</b>	<b>489,193</b>

Oil Fuel shipped as Bunkers .....	224,334
-----------------------------------	---------

*Exports of Coal and Coke :—*

Coal cargo.....	6,958,521
Coke cargo .....	624,137
	<b>7,582,658</b>
Coal bunkers .....	129,332
<b>Total Cargo and Bunkers .....</b>	<b>7,711,990</b>

*Shipments to :—*

	<i>Coastwise Ports. Tons.</i>	<i>Foreign Ports. Tons.</i>	<i>TOTAL Tons.</i>
Coal Cargo .....	6,366,717	591,804	6,958,521
Coke Cargo .....	2,393	621,744	624,137
Coal Bunkers .....	88,952	40,380	129,332
<b>Totals .....</b>	<b>6,458,062</b>	<b>1,253,928</b>	<b>7,711,990</b>



### Principal Ports from which ships arrive.

Normal Tyne trading includes a large proportion of traders from Canadian, Norwegian, Swedish, Danish, Dutch, and German Baltic Ports, also a few arrivals from Poland, Russia and Finland.

Oil and petrol from various ports ; iron ore from West African ports, a few from Spain, and general cargoes from America make up the bulk of the rest of the total of general trade.

### SECTION IV—INLAND BARGE TRAFFIC.

There are no canals in the area and no barges operating in the port.

### SECTION V—WATER SUPPLY

No change has occurred in sections 1, 2 and 3.

#### 4. NUMBER AND SANITARY CONDITION OF WATER BOATS, AND POWERS OF CONTROL BY THE AUTHORITY.

There are seven water boats available for the supply of fresh water to vessels at Tyne Ports. The following is a list of vessels and Owners :—

<i>Name of Water Boat.</i>	<i>Name of Owners.</i>
" Crystal Stream "	Messrs. R. G. Aitken & Co.
" Hareuss "	" V. A. Curry.
" West Riding "	" "
" Sheerwater "	" "
" Cormorant C "	" A. Gibson.
" I'll Try "	" S. Pascoe.
" Thomas & Alice "	" "

### SECTION VI—PUBLIC HEALTH (SHIPS) REGULATIONS. 1952.

No change.

### SECTION VII.—SMALLPOX.

(1) Name of Isolation Hospital to which smallpox cases are sent from the district.

The Regional Hospitals Area Board have designated Langley Park Isolation Hospital, Co. Durham.



(2) Arrangements for transport of such cases to that hospital by ambulance, giving the name of the Authority responsible for the ambulance and the vaccinal state of the ambulance crews.

The Authority possess no road ambulance of its own, and is dependent on the co-operation of shore authorities for ambulance facilities of all types.

(3) Name(s) of smallpox consultant(s) available.

The panel of Consultants available is in accordance with those of the Ministry's designated list for Northumberland and Durham.

(4) Facilities for laboratory diagnosis of smallpox.

Diagnostic specimens are forwarded to Virus Reference Laboratory, Colindale Avenue, London, N.W.9.

## SECTION VIII.—VENEREAL DISEASES.

No change.

## SECTION IX.—CASES OF NOTIFIABLE AND OTHER INFECTIOUS DISEASES ON SHIPS.

TABLE D.

Category	Disease.	Number of cases during the year.		Number of ships concerned.
		Pass-engers.	Crew.	
Cases landed from ships from foreign ports.	Rubella .....	.....	1	1
Cases which have occurred on ships from foreign ports but have been disposal of before arrival.	Chicken Pox.....	.....	1	1
	Malaria .....	.....	3	1
	Tuberculosis .....	.....	2	2
	Suspected Tuberculosis .....	.....	1	1
Cases landed from other ships.	Erysipelas.....	.....	1	1

## CHICKEN POX.

1956	Name of Vessel	From	On voyage	On or after arrival	Remarks	Notes on arrival at Tyne
Jan. 19	m.s. "Silverdale"	Hamburg, Banias and Antwerp.	1	.....	Treated on voyage.	All well.
			1	.....		

## ERYSIPELAS.

Feb. 14	s.s. "Windo"	Gdansk & Leith	.....	1		City Hosp.
			.....	1		

## MALARIA.

May 2	s.s. "Lagos Palm"	Takoradi, Freetown and Dakar	3	.....	Treated on board.	All well.
			3	.....		

## RUBELLA.

May 3	s.s. "Leda"	Bergen	.....	1		City Hosp.
			.....	1		

## TUBERCULOSIS.

July 16	m.s. "Presthus"	Bergen & Grimsby	1	.....	Landed at Grimsby.	All well.
Oct. 2	m.s. "San Virgilio".	Stanlow.	1	.....	Landed at Manch'tr.	All well.
			2	.....		

## SUSPECTED TUBERCULOSIS.

Sept. 3	m.s. "Newcombia"	Curacao, Dundee and Thameshaven.	1	.....	Landed at Thames- haven.	All well.
			1	.....		



# GENERAL SICKNESS ON BOARD VESSELS ARRIVING AT TYNE PORTS DURING THE YEAR 1956.

The subjoined table gives a return of sickness & reported by Masters of vessels as having occurred during the voyage, or coming under the notice of the Tyne Port Health Officials in each month of the year, 1956.

1956	Chicken Pox	Erysipelas	Malaria	Rubella	Tuberculosis	Suspected tuberculosis	Accidents	Apoplexy	Appendicitis	Asthma and bronchitis	Diabetes	Diarrhoea	Diseases of blood	Diseases of Chest	Diseases of Ear	Diseases of Eye	Diseases of Heart	Diseases of Kidneys	Diseases of Liver	Diseases of Lungs
January	1						1		1	1					1		†1			
February		•1					3		4		1						1			
March							1										1			
April									1			1						1		
May			3	•1											1					
June							†2		1								1			
July					1		3													
August							4	1	1											
September						1				1										1
October					1		1		1											
November													†1	1					1	
December							3													
TOTALS	1	•1	3	•1	2	1	†18	1	9	1	1	1	†1	1	2	2	†4	1	1	1



GENERAL SICKNESS ON BOARD VESSELS ARRIVING AT TYNE PORTS. continued.

1956	Diseases of Skin	Diseases of Stomach	Diseases of Teeth & Gums	Diseases of Throat	Febrile Catarrh	Gastritis	Haemorrhoids	Hernia	Herpes	Influenza	Intestinal Parasites	Jaundice	Mental	Nervous Disorders	Non defined	Pyrexia of unknown origin	Rheumatism & Neuritis	Septic Meningitis	Veneral	TOTALS
January	.....	1	.....	.....	1	.....	1	.....	1	.....	.....	.....	.....	.....	1	.....	.....	.....	3	13
February	1	.....	.....	.....	1	3	.....	1	.....	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	18
March	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	1	.....	.....	.....	5
April	.....	.....	2	1	2	.....	1	1	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	10
May	.....	1	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	10
June	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	6
July	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	5	.....	.....	.....	.....	9
August	2	.....	.....	2	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	11
September	.....	.....	1	.....	.....	.....	.....	.....	.....	1	.....	.....	1	.....	.....	.....	1	.....	1	9
October	.....	3	.....	.....	1	.....	.....	.....	.....	.....	.....	1	.....	.....	†1	.....	.....	.....	.....	9
November	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	1	.....	.....	.....	1	7
December	.....	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	2	8
TOTALS	3	9	3	4	6	3	3	2	2	3	1	1	1	1	†10	1	1	1	7	115

§The names of the diseases during the voyage are given as reported by the Master of the vessels.

•Removed to Isolation Hospitals. †Deaths.

## VESSELS ARRIVING FROM INFECTED OR SUSPECTED PORTS.

Vessels arriving at Tyne from Infected Ports were boarded by  
Medical Officer and Inspectors of the Tyne Port Health Authority.  
as under :—

Name of Port.		Direct to the Tyne.	To the Tyne Indirect.
Alexandria .....	†	.....	5
Bombay .....	•	.....	1
Chalna .....	†	.....	1
Dakar .....	•	.....	2
Freetown .....	•	1	6
Mombasa .....	•	.....	2
Suez .....	•	.....	5
Tripoli .....	†	.....	1
Warri .....	•	.....	1
TOTALS .....		1	24

†Cholera.

•Small Pox.

† Typhus.



## SECTION X.—OBSERVATIONS ON THE OCCURRENCE OF MALARIA IN SHIPS.

Three cases of Malaria were reported during the year.

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## SECTION XI.—MEASURES TAKEN AGAINST SHIPS INFECTED WITH OR SUSPECTED FOR PLAGUE.

No ships were subjected to special measures in respect to suspicion of plague, with the exception that any vessel arriving from suspected ports were not granted full pratique until the crews had been examined by the Medical Officer.

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## SECTION XII.—MEASURES AGAINST RODENTS IN SHIPS FROM FOREIGN PORTS.

1. Ship board rats are becoming increasingly scarce, and the old rat infested ship is becoming a rarity. Should there be any report of unusual numbers of rats or unusual behaviour among them, steps are taken to examine the vessel carrying them.

All runways, traces, tracks and possible harbourage are noted, and an estimate of the number of rats is formed.

The degree of rat proofing is noted and the ship's cubic capacity is measured compartment by compartment.

On the result of this examination, carried out by two experienced officers and searchers, appropriate treatment is decided, whether by poisoning, trapping or fumigation.

Similar procedure is adopted on examination for the purpose of deratisation or exemption certification when however, it is insisted that the vessel be empty of all cargo.

2. All rats recovered are examined for type, presence of swollen glands and undue emaciation before destruction by incineration. Any abnormal rats are further examined, and if regarded as necessary, are subjected to bacterial examination.

3. The deratting of ships is carried out by private contract between the agents and fumigators on the approved list of the Port. This contains the names of eight firms operating in the area. All are cyanide fumigators, and up-to-date, no fumigation with chemicals other than cyanide have been requested.

Trapping, and a certain amount of pre-baiting is practised in certain circumstances where fumigation is unsuitable, and this is performed by a professional ratcatcher.



Messrs. Associated Fumigators Ltd.

- „ Services Ltd.
- „ London Fumigation Co. Ltd.
- „ W. I. Martin.
- „ A. Milburn & Co.
- „ Fumigation Services Ltd.
- „ J. McGurk.
- „ James Cuthbertson & Co. Ltd.

4. Rat proofing is now a major consideration with Naval Architects in the construction of new tonnage, and in older vessels the substitution of expanded metal and sheathing for wooden conduits and casings is proceeding with successive surveys.

TABLE E.

Rodents destroyed during the year in ships from foreign ports.

<i>Category.</i>	<i>Number.</i>
Black rats .....	114
Brown rats .....	35
Species not known .....	Nil.
Sent for examination .....	Nil.
Infected with plague .....	Nil.

TABLE F.

Deratting Certificates and Deratting Exemption Certificates issued during the year for ships from foreign ports.		No. of Deratting Certificates Issued.			Number of Deratting Exemption Certificates Issued.	Total Certificates Issued.
	After fumigation with.	After trapping.	After poisoning*	Total.		
H.C.N. 1	Other fumigant (State Method). 2	3	4	5	6	7
10	NIL.	1	NIL.	11	404	415

\*State poisons used and number of Certificates issued after each poison.

## SECTION XIII—INSPECTION OF SHIPS FOR NUISANCES.

TABLE G.

## INSPECTIONS AND NOTICES.

Nature and number of Inspections.	NOTICES SERVED.		Result of Serving Notices.
	Statutory Notices.	Other Notices.	
Original ..... 5,376	NIL.	162	162 Complied with.
Revisits ..... 787			
TOTAL ..... 6,163	NIL.	162	162 Complied with.

## (CLASSIFICATION OF NUISANCES).

Nationality of Vessels.	Number inspected during the year.	Defects of original construction.	Structural defects through wear and tear.	Dirt, vermin and other conditions prejudicial to health.
British.....	3,694	5	58	120
Other Nations .....	1,682	.....	3	8



## SANITARY DEFECTS.

THE TOTAL NUMBER OF VESSELS USING THE PORT DURING 1956  
IS AS FOLLOWS :—

Steamers .....	3,244
Motor Vessels .....	2,870
Sailing Vessels .....	.....
<b>TOTAL</b> .....	<b>6,114</b>

THE NUMBER OF VESSELS ON WHICH DEFECTS WERE FOUND ARE  
AS UNDER :—

British —Steam .....	96	
Motor .....	54	
	<hr/>	150
Foreign —Steam .....	5	
Motor .....	7	
	<hr/>	12
<b>TOTAL</b> .....		<b>162</b>

THE NUMBER OF VESSELS ON WHICH DEFECTS WERE REMEDIED  
ARE AS UNDER :—

British —Steam .....	100	
Motor .....	67	
	<hr/>	167
Foreign —Steam .....	10	
Motor .....	6	
	<hr/>	16
<b>TOTAL</b> .....		<b>183</b>

DEFECTS OF VESSELS INCLUDE THE FOLLOWING :—

		<i>Defects. Remedied.</i>	
<i>Accommodation</i> .....	Dirty .....	17	16
	Neglected paintwork....	63	65
	Verminous .....	39	53
	Misappropriation .....	1	2
<i>Clothes Lockers</i> .....	Defective .....		1
<i>W.C's</i> .....	Foul or choked .....	6	6
	Defective .....	6	7
	" flush .....	4	5
	Inadequate flush .....	2	1
	Seats to repair .....	5	6

		<i>Defects. Remedied.</i>	
<i>Wash Rooms</i> .....	Dirty .....	1	1
	Neglected paintwork....	4	2
	Defective showers .....	4	4
	"    basins .....	2	1
	Inadequate water supply .....	1	2
<i>Galley</i> .....	Dirty .....		1
	Neglected paintwork....	2	1
	Verminous .....	15	11
<i>Pantries</i> .....	Verminous .....	14	15
<i>Provision Storerooms</i> .....	Dirty .....	1	1
	Verminous .....	14	13
<i>Refrigerated Chambers</i> ....	Dirty .....	2	2
	Defective .....	1	3
<i>Dampness due to</i> .....	Condensation .....	3	2
	Leaky decks .....	3	7
	Leaking steam pipes .....		1
	Water lodging on tank tops .....	1	1
<i>Defects of</i> .....	Ports, skylights and decklights .....	12	13
	Floors .....	6	9
	Doors .....	3	1
	Bunks .....	4	2
	Tables .....	2	.....
	Wash up sinks .....	1	4
	Taps .....	2	.....
	Drainage .....	24	21
	Service pipes .....	5	10
	Mosquito protection .....		2
	Chlorifier .....		1
	Steam pipes .....	1	.....
	Insulation .....	2	1
<i>Drinking Water</i> .....	Defective or uncleanly storage .....	9	10
<i>Ventilation</i> .....	Inadequate .....	2	2
	Defective .....	2	3
<i>Lighting</i> .....	Defective (artificial) .....		3
<i>Heating</i> .....	Inadequate .....	1	3
	Defective .....	9	12



		<i>Defects.</i>	<i>Remedied.</i>
<i>Cooking arrangements</i> .....	Defective .....	4	4

*Recommendations* .....

Provisions of hot and cold water to wash rooms .....		1
Rat proofing .....	1	1
Provisions of showers .....	1	.....
„ provision store room .....	1	1

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SECTION XIV.—PUBLIC HEALTH (SHELL-FISH)  
REGULATIONS 1934 AND 1948.

There are no Shell Fish Beds within the jurisdiction of the Tyne  
Port Health Authority.

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## SECTION XV.—MEDICAL INSPECTION OF ALIENS.

TABLE SHOWING PASSENGER TRAFFIC  
FROM 1947 TO 1956.

Year.	PASSENGERS. 1st, 2nd and 3rd Class		Transmigrants.	
	Inwards.	Outwards.	Inwards.	Outwards.
1947	21,179	19,974	.....	.....
1948	28,126	25,985	.....	.....
1949	33,598	31,371	.....	.....
1950	35,560	34,482	.....	.....
1951	35,974	35,669	.....	.....
1952	38,924	39,757	.....	.....
1953	45,970	46,944	.....	.....
1954	53,854	55,275	.....	.....
1955	59,048	60,478	.....	.....
1956	64,066	64,554	.....	.....

Annual return by the Medical Inspector of Aliens for the year  
ended 31st December, 1956.

	TOTAL	Number In- spected by the Medical In- spector	Number sub- jected to detailed exami- nation by the Medical In- spector	CERTIFICATES ISSUED.					Trans- migrants
				Lunatic Idiot or M.D.	Undesir- able for medical reasons	Physi- cally incapa- citated	Suffering from acute infec- tious disease	Landing neces- sary for adequate medical exami- nation	
(a) Total number of Aliens land- ing at the Port	24,743	19,801	1,181	—	1	—	—	2	—
(b) Aliens refused permission to land by Immi- gration Officer	25	—	—	—	1	—	—	—	—
(c) Transmigrants	—	—	—	—	—	—	—	—	—
Total Aliens arriv- ing at the Port	24,768	19,801	1,181	—	1	—	—	2	—

Total number of vessels carrying Alien passengers ..... 508

Number of Vessels dealt with by the Medical Inspector ..... 487



## SECTION XVI.—MISCELLANEOUS.

## FOOD INSPECTION.

PUBLIC HEALTH (IMPORTED FOOD) REGULATIONS,  
1937-1948.

## TYNE COMMISSION QUAY, NORTH SHIELDS.

Foodstuffs imported from :—

## OSLO.

	Tons.	Cwts.		Tons.	Cwts.
Fish .....	2,051	5	Fish Oil .....	1	1
Canned Chicken .....	67	9	Canned fish .....	94	14
Canned milk .....	6	16	Margarine .....	118	13
Eggs .....	196	13	Cheese .....	26	17
Butter .....	65	7	Fat .....	9	7
Whalemeat .....	5	.....	Casings .....	11	10
Livers .....	27	16	Provisions .....	36	17
Beer .....	5	9	Mineral waters .....	2	9
Frozen peas .....	12	12			

## BERGEN.

	Tons.	Cwts.		Tons.	Cwts.
Fish .....	15,925	15	Stockfish .....	4,357	12
Herring .....	5,094	19	Salt herring .....	.....	19
Smoked herring .....	10	15	Fish Oil .....	26	13
Whalemeat .....	210	19	Livers .....	75	14
Casings .....	45	14	Canned fish .....	1,078	19
Canned chicken .....	532	12	Cheese .....	1,681	18
Eggs .....	162	14	Butter .....	39	17
Poultry .....	3	1	Beer .....	2	1
Provisions .....	14	2	Oranges .....	28	12
Tomatoes .....	1	15	Bilberries .....	.....	11

## SUTHERLAND QUAY, SOUTH SHIELDS.

## CANADA.

	Tons.	Cwts.		Tons.	Cwts.
Apples .....	17	10	Canned fruits .....	147	15
Dried fruits .....	180	15			

## TYNE AND TEES WHARF, GATESHEAD.

## ABERDEEN.

	Tons.	Cwts.		Tons.	Cwts.
Casings .....	5	.....	Dripping .....	17	6
Poultry .....	.....	12	Groats .....	.....	12
Potatoes .....	30	.....			

## BELFAST.

	Tons.	Cwts.		Tons.	Cwts.
Carrots .....	1	1	Apples .....	.....	7
Canned meat .....	1	11	Aerated waters .....	.....	12

## HULL.

	Tons.	Cwts.		Tons.	Cwts.
Lard .....	17	3	Apples .....	.....	9

## LIVERPOOL.

	Tons.	Cwts.		Tons.	Cwts.
Canned Fruit .....	48	.....	Sugar .....	143	12
Biscuit powder .....	19	.....	Lard .....	11	18
Fat .....	29	12	Sausage meal .....	3	.....
Wine .....	.....	11	Margarine .....	21	.....

## LONDON.

	Tons.	Cwts.
Hops .....	21	.....

## BELGIUM.

	Tons.	Cwts.		Tons.	Cwts.
Biscuits .....	2	19	Rice .....	8	.....
Potatoes .....	164	6	Onions .....	14	15

## GERMANY.

	Tons.	Cwts.		Tons.	Cwts.
Canned meat .....	42	10	Offal .....	.....	12
Confectionery .....	.....	12			

## HOLLAND.

	Tons.	Cwts.		Tons.	Cwts.
Canned meat .....	954	2	Canned fish .....	7	10
Canned fruit .....	353	17	Canned vegetables .....	6	4
Casings .....	2	6	Fish .....	10	19
Condensed milk .....	18	17	Block milk .....	.....	10
Eggs .....	62	5	Butter .....	1	7
Margarine .....	75	17	Bacon .....	1,781	14
Cheese .....	237	.....	Lard .....	59	12
Beer and wines .....	313	3	Rice .....	679	3
Cornflour .....	119	3	Biscuits .....	9	7
Dried fruit .....	4	3	Liquid paraffin .....	11	19
Farina .....	37	15	Confectionery .....	45	3
Cocoa butter .....	41	13	Egg white .....	11	10
Tea .....	6	6	Fondant .....	12	8
Fat .....	1	8	Coffee .....	.....	13
Pears .....	181	3	Grapes .....	19	5
Apples .....	811	4	Tomatoes .....	1,041	2
Melons .....	18	6	Gooseberries .....	3	14
Bilberries .....	2	4	Fruit pulp .....	6	17
Mandarins .....	32	5	Grape Fruit .....	3	1
Oranges .....	37	1	Vegetables in brine .....	99	14
Peas .....	133	11	Lettuce .....	134	11
Onions .....	1,884	9	Cauliflowers .....	113	6
Leeks .....	56	15	Cabbage .....	164	5
Red cabbage .....	1	.....	Shallots .....	7	18
Potatoes .....	1,890	14	Beetroot .....	56	3
Cucumbers .....	84	5	Dried vegetables .....	25	1
Parsnip .....	.....	12	Carrots .....	60	1



**BALTIC MILLS, GATESHEAD.**

From			Tons.	Cwts.
Boston, Lines.	Wheat		3,886	.....
„ Fosdyke	„		401	.....
„ Hull	„		994	.....
„ London	„		622	.....
„ Canada	„		63,370	.....
„ France	„		9,926	.....
„ United States America	„		12,733	.....
„ Australia	„		11,375	.....
„ Argentine	„		4,190	.....
„ Belgium	„		5,437	.....
„ Holland	„		2,937	.....
„ Canada	Maize		2,744	.....
„ Canada	Barley		499	.....

**C.W.S. MILLS, DUNSTON.**

From			Tons.	Cwts.
King's Lynn	Wheat		4,821	.....
„ Hull	„		3,706	.....
„ Boston, Lines.	„		500	.....
„ Argentine	„		6,155	.....
„ Belgium	„		3,358	.....
„ Canada	„		31,511	.....
„ Australia	„		7,730	.....
„ Holland	„		1,965	.....
„ United States America	Maize		748	.....
„ Belgium	„		349	.....
„ Hull	„		430	.....

**ADVICE AS TO SICKNESS.**

Masters and responsible officers on board vessels, where cases of sickness have occurred, are advised of the appropriate measures to be taken.

Advice, where necessary is transmitted to other ports for their information.

**PLAGUE, CHOLERA, YELLOW FEVER AND SMALLPOX.**

No cases of plague, cholera, yellow fever or small pox occurred in the Port during the year 1956.

**LAUNCHES.**

Both launches are still in commission.

## CO-OPERATION WITH OUTSIDE AUTHORITIES.

I have, in my opening remarks, stressed the dependence of the Authority upon H.M. Customs & Excise and H.M. Immigration Service—these being the two Government Departments most intimately connected with our work.

The assistance of the Surveyors and general staff of the Ministry of Transport is also freely sought, and on their part, freely given. This is always a powerful help in dealing with constructional defects.

I desire once more to render to the Principal Officers and Staffs of all the above departments, my grateful thanks.

To all others who have helped us in the past year—the General Manager and Staff of the Tyne Improvement Commission, Pilotage Board, and in particular the Members of my own staff, I extend my warmest thanks.

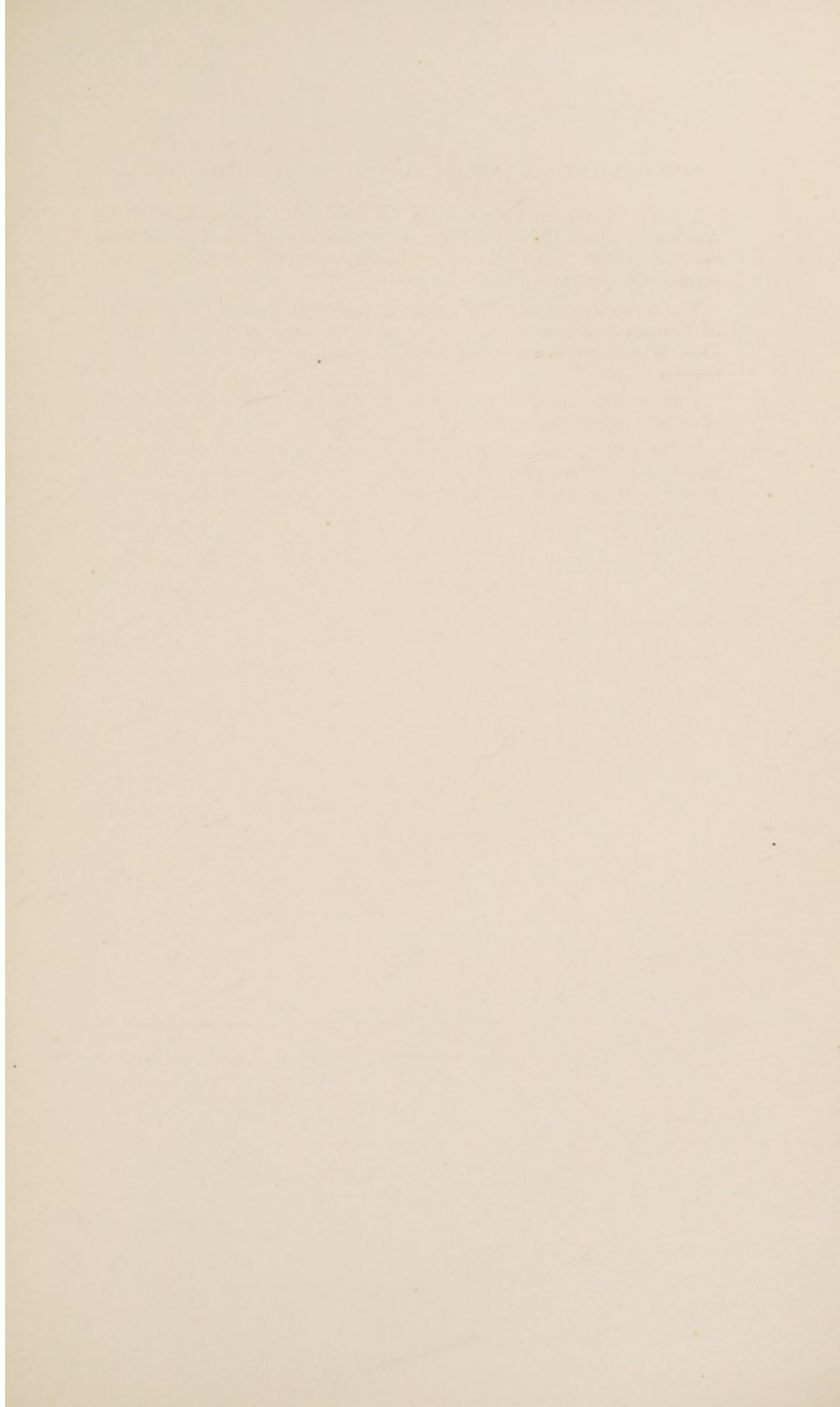
T. L. J. COXON, M.D., B.S., B.Hy., D.P.H.

*Mill Dam,*

*South Shields.*

*May, 1957.*





# THE HISTORY OF THE UNITED STATES

OF AMERICA, FROM THE FIRST DISCOVERY OF THE CONTINENT TO THE PRESENT TIME.

By JAMES MADISON, ESQ. VICE PRESIDENT OF THE UNITED STATES.

IN TWO VOLUMES. VOL. I. THE DISCOVERY OF THE CONTINENT TO THE END OF THE SEVENTEENTH CENTURY.

LONDON: Printed by J. DODD, in Pall-mall.

1788.

1789.

1790.





