

[Report 1938] / Medical Officer of Health, Grimsby Port Health Authority.

Contributors

Great Grimsby (England). Port Health Authority.

Publication/Creation

1938

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Report for the year 1938.

	Number.	Tonnage.	By the Medical Officer of Health.	By the Health Inspcr.	Number reported to be defective.	Number of vessels during voyage on which defects were remedied.	Number of vessels reported as having or having had disease on board.
Steamers.	507.	309,346.	20.	500.	42.	40.	5.
Motor, &	39.	8,338.	Nil.	31.	3.	3.	Nil.
Foreign :- Sailing.	Nil.	Nil.	Nil.	Nil.	Nil.	Nil.	Nil.
Fishing.	2434.	176,903.	Nil.	179.	18.	18.	Nil.
GRIMSEY PORT HEALTH AUTHORITY.							
Total Foreign :-	546.	384,587.	20.	510.	63.	61.	5.
Steamers.	105.	29,501.	Nil.	101.	13.	13.	Nil.
Motor, &	105.	29,501.	Nil.	101.	13.	13.	Nil.
Coastwise :- Sailing.	2.	100.	Nil.	Nil.	Nil.	Nil.	Nil.
Fishing.	Nil.	Nil.	Nil.	638.	100.	100.	2.
Total Coastwise :-	107.	48,643.	Nil.	639.	113.	113.	2.
Total Foreign & Coastwise :-	653.	433,230.	20.	1149.	176.	174.	7.

X. As per Customs Returns. & Includes mechanically propelled vessels other than steamers.

Number of Vessels under 200 tons entering the port during the year.

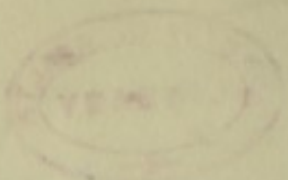
British 1268. Tonnage 145,870.

Foreign 18. do 1,040.

Number of Foreign & Coastwise Fishing Vessels and Tonnage, including inshore fishing boats and Harling Brifters.

Foreign 3834. Tonnage 647,954.

Coastwise ... 10110. do 776,307.



Report for the year 1933.

GRIMBY PORT HEALTH AUTHORITY.

The general description of the port is still
similar to that contained in the Annual Report for

1933.

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

TABLE A.

	Number.	Tonnage.	Number inspected.		Number reported to be defective	Number of vessels on which defects were remedied	Number of vessels reported as having or having had during voyage infectious disease on board.
			By the Medical Officer of Health.	By the Health Inspr.			
Steamers.	X. 507.	309,346.	10.	560.	42.	40.	5.
Motor. ♂	39.	8,329.	Nil.	31.	3.	3.	Nil.
Foreign :- Sailing.	Nil.	Nil.	Nil.	Nil.	Nil.	Nil.	Nil.
Fishing.	2436.	178,903.	Nil.	179.	18.	18.	Nil.
Total Foreign :-	2982.	496,488.	10.	770.	63.	61.	5.
Steamers.	X. 105.	28,361.	Nil.	161.	13.	10.	Nil.
Motor. ♂	183.	20,144.	Nil.	46.	2.	Nil.	Nil.
Coastwise :- Sailing.	2.	138.	Nil.	Nil.	Nil.	Nil.	Nil.
Fishing.	Nil.	Nil.	Nil.	658.	109.	109.	2.
Total Coastwise:-	290.	48,643.	Nil.	865.	124.	119.	2.
Total Foreign & Coastwise:-	3272.	545,131.	10.	1635.	187.	180.	7.

X. As per Customs Returns. ♂ Includes mechanically propelled vessels other than steamers.

Number of Vessels under 100 Tons entering the Port during the year.

British 1843. Tonnage 165,870.

Foreign 12. do 1,040.

Number of foreign & Coastwise Fishing Vessels and Tonnage, excluding inshore Fishing boats and Herring Drifters.

Foreign 3324. Tonnage 449,954.

Coastwise ... 10113. do 775,507.

Deutsche ... 1911, 1912, 1913, 1914, 1915, 1916, 1917, 1918, 1919, 1920, 1921, 1922, 1923, 1924, 1925, 1926, 1927, 1928, 1929, 1930, 1931, 1932, 1933, 1934, 1935, 1936, 1937, 1938, 1939, 1940, 1941, 1942, 1943, 1944, 1945, 1946, 1947, 1948, 1949, 1950, 1951, 1952, 1953, 1954, 1955, 1956, 1957, 1958, 1959, 1960, 1961, 1962, 1963, 1964, 1965, 1966, 1967, 1968, 1969, 1970, 1971, 1972, 1973, 1974, 1975, 1976, 1977, 1978, 1979, 1980, 1981, 1982, 1983, 1984, 1985, 1986, 1987, 1988, 1989, 1990, 1991, 1992, 1993, 1994, 1995, 1996, 1997, 1998, 1999, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016, 2017, 2018, 2019, 2020, 2021, 2022, 2023, 2024, 2025, 2026, 2027, 2028, 2029, 2030, 2031, 2032, 2033, 2034, 2035, 2036, 2037, 2038, 2039, 2040, 2041, 2042, 2043, 2044, 2045, 2046, 2047, 2048, 2049, 2050, 2051, 2052, 2053, 2054, 2055, 2056, 2057, 2058, 2059, 2060, 2061, 2062, 2063, 2064, 2065, 2066, 2067, 2068, 2069, 2070, 2071, 2072, 2073, 2074, 2075, 2076, 2077, 2078, 2079, 2080, 2081, 2082, 2083, 2084, 2085, 2086, 2087, 2088, 2089, 2090, 2091, 2092, 2093, 2094, 2095, 2096, 2097, 2098, 2099, 2100, 2101, 2102, 2103, 2104, 2105, 2106, 2107, 2108, 2109, 2110, 2111, 2112, 2113, 2114, 2115, 2116, 2117, 2118, 2119, 2120, 2121, 2122, 2123, 2124, 2125, 2126, 2127, 2128, 2129, 2130, 2131, 2132, 2133, 2134, 2135, 2136, 2137, 2138, 2139, 2140, 2141, 2142, 2143, 2144, 2145, 2146, 2147, 2148, 2149, 2150, 2151, 2152, 2153, 2154, 2155, 2156, 2157, 2158, 2159, 2160, 2161, 2162, 2163, 2164, 2165, 2166, 2167, 2168, 2169, 2170, 2171, 2172, 2173, 2174, 2175, 2176, 2177, 2178, 2179, 2180, 2181, 2182, 2183, 2184, 2185, 2186, 2187, 2188, 2189, 2190, 2191, 2192, 2193, 2194, 2195, 2196, 2197, 2198, 2199, 2200, 2201, 2202, 2203, 2204, 2205, 2206, 2207, 2208, 2209, 2210, 2211, 2212, 2213, 2214, 2215, 2216, 2217, 2218, 2219, 2220, 2221, 2222, 2223, 2224, 2225, 2226, 2227, 2228, 2229, 2230, 2231, 2232, 2233, 2234, 2235, 2236, 2237, 2238, 2239, 2240, 2241, 2242, 2243, 2244, 2245, 2246, 2247, 2248, 2249, 2250, 2251, 2252, 2253, 2254, 2255, 2256, 2257, 2258, 2259, 2260, 2261, 2262, 2263, 2264, 2265, 2266, 2267, 2268, 2269, 2270, 2271, 2272, 2273, 2274, 2275, 2276, 2277, 2278, 2279, 2280, 2281, 2282, 2283, 2284, 2285, 2286, 2287, 2288, 2289, 2290, 2291, 2292, 2293, 2294, 2295, 2296, 2297, 2298, 2299, 2300, 2301, 2302, 2303, 2304, 2305, 2306, 2307, 2308, 2309, 2310, 2311, 2312, 2313, 2314, 2315, 2316, 2317, 2318, 2319, 2320, 2321, 2322, 2323, 2324, 2325, 2326, 2327, 2328, 2329, 2330, 2331, 2332, 2333, 2334, 2335, 2336, 2337, 2338, 2339, 2340, 2341, 2342, 2343, 2344, 2345, 2346, 2347, 2348, 2349, 2350, 2351, 2352, 2353, 2354, 2355, 2356, 2357, 2358, 2359, 2360, 2361, 2362, 2363, 2364, 2365, 2366, 2367, 2368, 2369, 2370, 2371, 2372, 2373, 2374, 2375, 2376, 2377, 2378, 2379, 2380, 2381, 2382, 2383, 2384, 2385, 2386, 2387, 2388, 2389, 2390, 2391, 2392, 2393, 2394, 2395, 2396, 2397, 2398, 2399, 2400, 2401, 2402, 2403, 2404, 2405, 2406, 2407, 2408, 2409, 2410, 2411, 2412, 2413, 2414, 2415, 2416, 2417, 2418, 2419, 2420, 2421, 2422, 2423, 2424, 2425, 2426, 2427, 2428, 2429, 2430, 2431, 2432, 2433, 2434, 2435, 2436, 2437, 2438, 2439, 2440, 2441, 2442, 2443, 2444, 2445, 2446, 2447, 2448, 2449, 2450, 2451, 2452, 2453, 2454, 2455, 2456, 2457, 2458, 2459, 2460, 2461, 2462, 2463, 2464, 2465, 2466, 2467, 2468, 2469, 2470, 2471, 2472, 2473, 2474, 2475, 2476, 2477, 2478, 2479, 2480, 2481, 2482, 2483, 2484, 2485, 2486, 2487, 2488, 2489, 2490, 2491, 2492, 2493, 2494, 2495, 2496, 2497, 2498, 2499, 2500, 2501, 2502, 2503, 2504, 2505, 2506, 2507, 2508, 2509, 2510, 2511, 2512, 2513, 2514, 2515, 2516, 2517, 2518, 2519, 2520, 2521, 2522, 2523, 2524, 2525, 2526, 2527, 2528, 2529, 2530, 2531, 2532, 2533, 2534, 2535, 2536, 2537, 2538, 2539, 2540, 2541, 2542, 2543, 2544, 2545, 2546, 2547, 2548, 2549, 2550, 2551, 2552, 2553, 2554, 2555, 2556, 2557, 2558, 2559, 2560, 2561, 2562, 2563, 2564, 2565, 2566, 2567, 2568, 2569, 2570, 2571, 2572, 2573, 2574, 2575, 2576, 2577, 2578, 2579, 2580, 2581, 2582, 2583, 2584, 2585, 2586, 2587, 2588, 2589, 2590, 2591, 2592

Foreign

Verzeichnis 18. do 1.040.

Urtelab 1868. Tonnage 155,870.

Number of Vessels under 100 Tons entering the port during the year

ROUTINE INSPECTION OF VESSELS ARRIVING AT THE PORT.

FOREIGN:-

British Steam Ships	149.
" Motor Vessels	3.
" " Fishing Vessels	Nil.
" Sailing Ships	Nil.
Foreign Steam Ships	300.
" Motor Vessels	22.
" " Fishing Vessels	Nil.
British Steam " " "	119.
Foreign " " "	1.

Total:- 594.

COASTWISE:-

British Steam Ships	86.
" Motor Vessels	26.
" " Fishing Vessels	Nil.
" Sailing Ships	Nil.
Foreign Steam Ships	37.
" Motor Vessels	20.
" " Fishing Vessels	Nil.
British Steam " " "	433.
Foreign " " "	Nil.

Total:- 602.

Foreign 594.

Coastwise 602.

1196.

Re-inspections 439.

(The above are included under inspections in Table A).

THE NATIONALITIES OF THE VESSELS WERE AS FOLLOWS.

British	815.
Danish	135.
French	59.
Norwegian	33.
Finnish	38.
Dutch	32.
Icelandic	19.
Estonian	11.
Swedish	35.
German	7.
Belgian	2.
Latvian	6.
Spanish	3.
Russian	1.

Total:- 1196.

ROUTINE INSPECTION OF VESSELS ARRIVING AT THE PORT.

FOREIGN:-

149.	British Steam Ships
3.	" Motor Vessels
111.	" Fishing Vessels
111.	" Sailing Ships
300.	Foreign Steam Ships
30.	" Motor Vessels
111.	" Fishing Vessels
111.	" Sailing Ships
111.	British Steam
1.	Foreign

Total:- 894.

COASTWISE:-

85.	British Steam Ships
30.	" Motor Vessels
111.	" Fishing Vessels
111.	" Sailing Ships
37.	Foreign Steam Ships
30.	" Motor Vessels
111.	" Fishing Vessels
433.	British Steam
111.	Foreign

Total:- 602.

894.	Foreign
602.	Coastwise

1496.

No-inspections 433.
(The above are included under inspections in Table A).

THE NATIONALITIES OF THE VESSELS WERE AS FOLLOWS.

818.	British
133.	Danish
39.	French
33.	Norwegian
38.	Finnish
33.	Dutch
19.	Icelandic
11.	Estonian
38.	Swedish
7.	German
3.	Belgian
6.	Latvian
3.	Spanish
1.	Russian

Total:- 1496.

11. CHARACTER OF TRADE OF PORT.

Principal imports:-

TABLE B.

Timber, Wood-

(a) Passenger Traffic during the year.

The figures in Tons for 1933, compared with the previous

Number of Passengers.	1st Class.	2nd Class.	3rd Class.	Transmigrants.
Inwards	1190.	Nil.	Nil.	49.
Outwards	No class shown.			24.

Wood pulp 114,800. 143,307. - 30,507.

Sundries 38,343. 43,242. - 5,899.

~~INSERT ALIENS RETURN HERE.~~

Principal exports:-

Coal and Coke, Fish, Fish-meal and general.

Steel 11,413. 17,182. - 5,769.

Pig Iron 1,709. 3,916. - 2,207.

Paper 1,733. 1,115. + 618.

Dry Salt Fish .. 11,973. 5,896. + 6,076.

Coal & Coke .. 1,050,796. 1,120,491. - 69,695.

Sundries 16,846. 19,419. - 4,673.

During the year the total quantity of edible fish (including foreign) landed was 4,316,074 cwt., and the value of same \$4,333,233, - over a quarter of a million more than last year.

11. CHARACTER OF TRADE OF PORT.

TABLE B.

(a) Passenger Traffic during the year.

Number of Passengers.			
Inwards	1930.	1931.	1932.
Outwards	No class shown.	No class shown.	No class shown.

Foreign ports from which (b) Cargo Traffic.

RUSSIA --- Archangel, Kholmogorskiy, Kholmogorskiy, Leningrad, Murmansk, Onega.

Principal imports:-

Timber, Wood-pulp, Fish, Foodstuffs and general.

The figures in Tons for 1938, compared with the previous year are as follows:-

	<u>1938.</u>	<u>1937.</u>		<u>Increase or Decrease.</u>
Bacon	44,271.	44,292.	-	21.
Butter	50,073.	47,040.	+	3,033.
Eggs	8,620.	8,256.	+	364.
Sleepers & logs.	5,748.	3,942.	+	1,806.
Wood pulp	114,800.	145,367.	-	30,567.
Sundries	38,343.	45,242.	-	6,899.

SPAIN --- Seville, Valencia, Cartagena, Barcelona, Badajoz.

LATVIA --- Riga, Ventspils, Libau.

Principal exports:-

Coal and Coke, Fish, Fish-meal and general.

Steel	11,413.	17,162.	-	5,749.
Pig Iron	1,709.	3,916.	-	2,207.
Paper	1,733.	1,115.	+	618.
Dry, Salt Fish ..	11,972.	5,596.	+	6,376.
Coal & Coke ..	1,030,796.	1,120,491.	-	89,695.
Sundries	14,546.	19,419.	-	4,873.

Infringements of the Act dealt with were:-

During the year the total quantity of edible fish (including foreign) landed was 4,316,074 cwts., and the value of same £4,252,252. - over a quarter of a million more than last year.

Total:-

82.

32 notices were served on owners. No legal proceedings were taken in respect of infringements. The number of infringements found continues to be high.

Foreign Ports from which vessels arrive.

RUSSIA	--- Archangel, Igarka, Kovda, Leningrad, Marmansk, Onega.
NORWAY	--- Drammen, Fredrikstad, Larvik, Oslo, Trondhjem, ARENDAL, Kragero, CHRISTIANSUND, Bergen.
SWEDEN	--- GOTHENBURG, Gefle, Hernosand, Soderhamp, STOCKHOLM, Sundsval, SKELLEFTEA.
FINLAND	--- HELSINGFORS, Kotka, TRANGSUND, Viborg, KEMI, Xypila, Helsinki, Uleahorg, Mesane, Toppila, Igerka.
GERMANY	--- HAMBURG, Konigsberg, BREMEN, Stettin.
HOLLAND	--- ROTTERDAM, AMSTERDAM, Groningen.
BELGIUM	--- ANTWERP, Ghent.
FRANCE	--- DIEPPE, LE HARVE, Brest, CALAIS, Bordeaux, Bayonne, Rouen, Dunkirk, Marseilles.
DENMARK	--- ESBJERG, Fredricksund, Copenhagen.
PORTUGAL	--- Faro, Lisbon, Oporto.
SPAIN	--- Seville, Valencia, Cartagena, Barcelona, Huelva.
LATVIA	--- RIGA, Ventspels, Libau.
ESTONIA	--- TALLIN.
POLAND	--- GDYNIA.
ICELAND	--- REYKJAVIK.
DANZIG	--- DANZIG.

CANAL BOATS ACT.

722 entered the port during the year, of which 81 were inspected. No infectious disease occurred on any of the Canal Boats during the year.

Infringements of the Act dealt with were :-

Certificates not identifying owners with boats	1.
Masters without Certificates	15.
Boats not properly marked	27.
Cabins require painting	10.
" out of repair	22.
" delapidated	1.
Without proper water vessels	6.
Total:-	82.

32 Notices were served on owners. No legal proceedings were taken in respect of infringements. The number of infringements found continues to be high.

Foreign ports from which vessels arrive.	
RUSSIA	--- Archangel, Bessarabia, Kovel, Leningrad, Makhank, Odessa.
NORWAY	--- Bergen, Brønnøysund, Luleå, Narvik, Oslo, Trondheim, Ålesund, Træger, CHRISTIANIA, Bergen.
SWEDEN	--- GOTHENBURG, Gäddede, Helsingborg, Karlskrona, Stockholm, Södertälje, Svalöv, Åre.
FINLAND	--- HELSINKI, Kotka, Rauma, Turku, Viipuri, Åbo, Hangö, Kouvola, Pori, Rauma, Rovaniemi, Uusikaupunki, Vaasa, Åland.
GERMANY	--- HAMBURG, Königsberg, Bremen, Stettin.
HOLLAND	--- ROTTERDAM, AMSTERDAM, Groningen.
BRITAIN	--- ANTWERP, Ghent.
FRANCE	--- BREST, LA ROCHELLE, Havre, Pau, CALAIS, Bordeaux, Bayonne, Rouen, Dunkirk, Marseille.
DENMARK	--- COPENHAGEN, Frederiksborg, Odense.
PORTUGAL	--- LIZBON, Oporto.
SPAIN	--- SEVILLE, Valencia, Cartagena, Barcelona, Madrid.
ITALY	--- GENOA, Naples, Palermo.
NETHERLANDS	--- ROTTERDAM.
POLAND	--- Gdynia.
IRELAND	--- DUBLIN.
DANISH	--- COPENHAGEN.

CANAL BOATS ACT.

VES entered the port during the year, of which 81 were inspected. No infectious disease occurred on any of the Canal boats during the year.

Infringements of the Act dealt with were :-

1.	Certificates not identifying owners with boats
15.	Masters without certificates
127.	Boats not properly marked
10.	Cabin positive painting
22.	" out of repair
1.	" delapidated
8.	Without proper water vessels
32.	Total :-

32 notices were served on owners. No legal proceedings were taken in respect of infringements. The number of infringements found continues to be high.

III. WATER SUPPLY.

The town water supply is available for the port and for shipping. All precautions are taken against contamination. There are two water boats in use, one in each dock : they are in good sanitary condition.

The water supply for the fish market is being adequately chlorinated by the Railway Company, and about 300,000 gallons per day are used. Unfortunately the Railway Company have not yet provided facilities for making this chlorinated supply available for washing out the fish rooms of trawlers.

TABLE D.

Cases of infectious sickness occurring on Vessels during the voyage but disposed of prior to arrival.

IV. PORT SANITARY REGULATIONS. 1933.

The information under these Regulations is as described in the Annual Report for 1934, except in regard to paragraph 10 relating to venereal disease. This is shown at the end of Table D.

No cases of Plague, Cholera, Yellow Fever, Smallpox or Typhus occurred, or any plague infected rats discovered during the year.

Federal Dispensary.

During the year, there was a total of 251 attendances by 101 foreign seamen at the Grimsby Clinic.

Of the above number, 32 were found to be suffering from syphilis, 43 from gonorrhoea, and 26 were found not to be suffering from venereal disease.

The town water supply is available for the port and for shipping. All precautions are taken against contamination. There are two water boats in use, one in each dock; they are in good sanitary condition. The water supply for the fish market is being adequately chlorinated by the Railway Company, and about 200,000 gallons per day are used. Unfortunately the Railway Company have not yet provided facilities for making this chlorinated supply available for washing out the fish rooms of stewers.

IV. PORT SANITARY REGULATIONS, 1933.

The information under these Regulations is as described in the Annual Report for 1934, except in regard to paragraph 10 relating to venereal disease. This is shown at the end of Table D.

TABLE C.

Cases of infectious sickness landed from Vessels.

Disease.	Number of cases during the year		No of Vessels concerned.	Average number of cases for previous 5 years.
	passengers	Crew		
Influenza	-	4.	3.	55.
Scabies	-	2.	2.	Nil.
Pneumonia	-	1.	1.	Nil.

TABLE D.

Cases of infectious sickness occurring on Vessels during the voyage but disposed of prior to arrival.

Disease.	Number of cases during the year		No of Vessels concerned.	Average number of cases for previous 5 years.
	Passengers	Crew		
Pneumonia	-	-	-	1.

No cases of Plague, Cholera, Yellow Fever, Smallpox or Typhus occurred, or any plague infected rats discovered during the year.

Venereal Disease.

During the year, there was a total of 331 attendances by 101 foreign seamen at the Grimsby Clinic.

Of the above number, 32 were found to be suffering from syphilis, 45 from gonorrhoea, and 24 were found not to be suffering from venereal disease.

TABLE C.

Cases of infectious diseases landed from vessels.

Disease.	Number of cases during the year		No of vessels concerned.	Average number of cases for previous 3 years.
	Passengers	Crew		
Influenza	-	4.	2.	28.
Scabies	-	2.	2.	Nil.
Pneumonia	-	1.	1.	Nil.

TABLE D.

Cases of infectious diseases occurring on vessels during the voyage but disposed of prior to arrival.

Disease.	Number of cases during the year		No of vessels concerned.	Average number of cases for previous 3 years.
	Passengers	Crew		
Pneumonia	-	-	-	1.

No cases of plague, Cholera, Yellow Fever, Smallpox or Typhus occurred, or any plague infected rats discovered during the year.

Venernal Diseases.

During the year, there was a total of 331 attendances by 101 foreign seamen at the Grimsby Clinic.
Of the above number, 28 were found to be suffering from syphilis, 48 from gonorrhoea, and 24 were found not to be suffering from venereal disease.

V. MEASURES AGAINST RODENTS.

Numbers 1 to 5 as described in Annual Report for 1934.

Rats destroyed during the year.

TABLE E.

(1) On Vessels

Number of	Jan	Feb	Mar	Apr	May	June	July	Aug	Sep	Oct	Nov	Dec	Total
Black Rats	10	8	10	6	20	12	20	8	16	12	17	5	144
Brown Rats	9	4	3	5	16	5	6	6	6	4	6	3	73
Species not recorded							Nil						
Examined		4	2	2	2	4	4	4	-	4	2	2	
Infected with plague							Nil						
Total :-													217.

TABLE F.

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

Number of	Jan	Feb	Mar	Apr	May	June	July	Aug	Sep	Oct	Nov	Dec	Total
Black Rats	120	84	171	67	95	47	56	100	72	67	175	67	1121
Brown Rats	298	199	200	294	460	368	291	283	179	198	280	190	3240
Species not recorded							Nil						
Examined			2	2	2						2	2	
Infected with plague							Nil						
Total :-													4361.

Rats examined for plague or other Diseases.

14 black Rats and 26 brown Rats were sent for examination.

The report from the Analyst is as follows :-

These Rats have been examined and found to be free from

B.pestis, or other diseases.

Numbers 1 to 5 as described in Annual Report for 1934.

Bats destroyed during the year.

TABLE N.

(1) On Vessels

Number of											
Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
10	8	10	6	20	12	20	8	12	12	12	12
2	4	2	2	12	2	2	2	4	4	2	2
Species not recorded											
4	2	2	2	2	4	4	4	-	4	2	2
Infected with plague											
Total :-											

TABLE N.

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

Number of											
Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
120	64	171	67	22	47	22	100	72	67	172	67
222	122	200	224	222	222	222	222	172	122	222	222
Species not recorded											
2	2	2	2	2	2	2	2	2	2	2	2
Infected with plague											
Total :-											

Bats examined for plague or other diseases.

12 black bats and 22 brown bats were sent for examination.

The report from the analyst is as follows :-

These bats have been examined and found to be free from

B. pestis, or other diseases.

INTERNATIONAL SANITARY CONVENTION.

During the year 61 Deratisation Exemption Certificates were issued.

436 traps were set by the rat searcher on 61 vessels and 90 rats were caught, the balance of 127 being from vessels making a total of 217.

It has not been found necessary to fumigate any vessel under the above "Convention" for the following reasons:-

Vessels trading to and from this port are mostly engaged between the Baltic and Continental ports. The nature of the trade is such that the cargoes of the vessels are seldom in for more than a week, and in a number of cases for only 36 hours; this leaves little chance for rats to nest or harbour.

There are no food cargoes in most of these ships.

Special attention is paid to the work of detecting rats in warehouses, wharves, quays etc., and when necessary trapping and laying of poison baits are resorted to.

INTERNATIONAL SANITARY CONVENTION.

During the year 61 Peruvian Sanitation Certificates

were issued.

436 traps were set by the rat searcher on 61 vessels and

90 rats were caught, the balance of 124 being from vessels

making a total of 214.

It has not been found necessary to fumigate any vessel

under the above "convention" for the following reasons:-

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between the Pacific and Continental ports. The nature of the

trade is such that the cargoes of the vessels are seldom in for

more than a week, and in a number of cases for only 36 hours;

this leaves little chance for rats to nest or harbor.

There are no food cargoes in most of these ships.

Special attention is paid to the work of detecting rats in

warehouses, wharves, quays etc., and when necessary trapping

and laying of poison baits are resorted to.

TABLE C.
Measures of Rat Destruction on Plague "Infected" or "Suspected" Vessels
from plague infected ports arriving in the port during the year --- Nil.

TABLE H.

Deratisation Certificates and Deratisation Exemption Certificates issued during the year.

Nett Tonnage.	No of Ships.	No of Deratisation Certificates issued.					No of Deratisation Exemption Certificates issued.		Total Certificates issued.
		After fumigation with			After trapping poisoning etc.	Total.			
		H.C.N.	Sulphur.	H.C.N. & Sulphur					
1.	2.	3.	4.	5.	6.	7.	8.	9.	
Ships up to 300 Tons	23.	-	-	-	-	-	23.	23.	
" from 301 " to 100 Tons	34.	-	-	-	-	-	34.	34.	
" " 1001 " " 3000 "	4.	-	-	-	-	-	4.	4.	
" " 3001 " " 10000 "	Nil.	-	-	-	-	-	Nil.	Nil.	
Over 10000 Tons	Nil.	-	-	-	-	-	Nil.	Nil.	
Totals:-	61.	-	-	-	-	-	61.	61.	

Totals:-		Q1.	-	-	-	-	Q1.	Q1.
Net Tonnage.	Over 10000 Tons	Nil.	-	-	-	-	Nil.	Nil.
	" 3001 " "10000 "	Nil.	-	-	-	-	Nil.	Nil.
	" 1001 " " 3000 "	4.	-	-	-	-	4.	4.
	" From 301 " to 100 Tons	34.	-	-	-	-	34.	34.
	Ships up to 300 Tons	53.	-	-	-	-	53.	53.
1.	8.	3.	4.	Sulphur H.O.W. A	etc.	Total.	0.	0.
Ships.		No of Deratification Certificates issued.					issued.	
of		No of Deratification Certificates issued.					Total Certificates	
No		No of Deratification Certificates issued.					issued.	
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No of Deratification Certificates issued.		No of Deratification Certificates issued.					Total Certificates	
No of Deratification Certificates issued.								

Deratification Certificates and Deratification Exemption Certificates issued during the year.

TABLE H.

Numbers of Rat Deratification on Plague "Infected" or "Suspected" Vessels from Plague infected ports arriving in the port during the year --- Nil.

TABLE G.

VI. HYGIENE OF CREW'S SPACES.

TABLE J.

Classification of Nuisances.

Nationality of Vessel.	Number inspected during year.	Defects of original construction.	Structural defects thro wear & tear.	Dirt, Vermin, and other conditions prejudicial to health.
British	1149.	1.	149.	142.
Other Nations	486.	2.	37.	41.

SANITARY IMPROVEMENTS EFFECTED.

STEAMERS.

Defective ventilators replaced.. 3. Dirty wash houses cleansed.... 6.
 " plate ships side rep.. 2. Galleys cleansed 2.
 " radiators repaired ... 4. Food lockers "31.
 " decks " ... 6. Seat " "10.
 " doors " ... 5. Bunks "49.
 " Bunks " ...15. Tanks "14.
 " port frames " ...10. Leaky overhead decks repaired. 2.
 " lights " ... 3. Qrs painted wholly or in part.17.
 " bulkheads " ... 4. " cleansed20.
 " stoves " ... 2. Bilges cleansed & disinfected. 1.
 " W.C. flush pipes rep.. 2. F'esles " " repainted... 2.
 " W.C. seats repaired... 3. Ventilation improved 1.
 W.Cs painted 6. Verminous Vessels fumigated ..15.
 " choked, cleared.....21. " " sprayed 8.
 Drainage remedied 1.

TRAWLERS.

Defective bunks repaired25. Dirty seat lockers cleansed..284.
 " stoves "27. " bunks "1735.
 " food lockers rep.....16. " transom " " 142.
 " decks " 7. " food " " 387.
 " chain pipes " 9. " Galleys etc. " 147.
 " deck lights " 1. " Wash houses " 4.
 " bulkheads " 1. " " " painted.. 2.
 " linings " 3. " beds destroyed 317.
 W.Cs repaired 1. " tanks cleaned 4.
 " soil pipe repaired 1. Qrs painted wholly or in part174.
 " connection "11. " cleansed 181.
 " seat " 1. Verminous Vessels fumigated. 106.
 " basin renewed 1. " " sprayed... 6.
 " painted49.
 " cleansed55.

On nearly all fishing vessels the forecastles are used for the storing of ships stores and gear. This applies particularly to the smaller vessels in which deck store houses are not provided or, if provided, are of very limited capacity. There is no doubt that this practice contributes largely to the difficulty of keeping crews' quarters clean and in good condition. Unfortunately there seems to be no reasonable solution to the problem as extensive structural alterations would be necessary.

[illegible][illegible]

CREWS' QUARTERS.

Particular attention is paid to the condition of crews' accommodation and it is pleasing to note that there is a very definite improvement in the way that these are maintained, due in no small measure to the added interest which Masters and Officers are taking in them.

The older type of common fore-castle is gradually disappearing and being substituted by two or four berth cabins, thus eliminating many of the insanitary conditions which existed on board ship.

It is satisfactory to note the gradual conversion of the old trough closets into ones of more modern standards.

The standard of ventilation is also much improved, especially in the newer type of vessel and also larger port holes than heretofore, thus greatly improving the natural lighting.

Serious bug infestation of crews' quarters still causes some concern, especially in older vessels with wooden bunks, but it is very gratifying to know that this nuisance is tackled in no uncertain manner on the Master's or Agent's attention being drawn to it.

X. In previous years the whole of the above has been shown under one heading.

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PUBLIC HEALTH (IMPORTED FOOD) REGULATIONS. 1937.

quantities and descriptions of food seized and forfeited during the year.

Nature of Article.	Tons	Cwts	Qrs	Stns	Why Condemned.	Whether seized or forfeited	How disposed of.
Haddocks.	152	10	3	1	Decomposed.	Forfeited.	Sent to Meal Works
Codling	159	17	2	1	"	"	"
Catfish	123	1	1	1	"	"	"
Dabs	20	18	1	-	"	"	"
Colefish	15	17	-	-	"	"	"
Cod	32	6	3	-	"	"	"
Roker	8	15	2	1	"	"	"
Roes	3	9	-	1	"	"	"
Plaice	4	14	3	1	"	"	"
Halibut	2	16	3	1	"	"	"
Sea Bream	2	6	-	-	"	"	"
Whiting	4	5	1	-	"	"	"
Herrings	2	9	-	-	"	"	"
Dogfish	1	16	-	-	"	"	"
Mackerel	3	6	1	1	"	"	"
Tusk		14	-	-	"	"	"
Ling		7	2	-	"	"	"
Skate		3	3	-	"	"	"
Hake		6	1	1	"	"	"
Gurnards		13	1	1	"	"	"
Lemon Soles		13	-	-	"	"	"
Megrims		2	2	-	"	"	"
Turbot		1	-	-	"	"	"
Soles		1	1	-	"	"	"
Witches		2	2	-	"	"	"
Brill		3	-	-	"	"	"
Salmon		4	-	-	"	"	"
Conger eels		3	3	-	"	"	"
Crabs 29 score.							
Total Condemned	542	7	-	-	"	"	"
Quantities of Fish remaining Unsold	742	6	-	-	"	"	"
Total :-	1284	13	-	-			

X. In previous years the whole of the above has been shewn under one heading.

PUBLIC HEALTH (IMPORTED FOOD) REGULATIONS, 1937.

Quantities and descriptions of food seized and forfeited during the year.

Nature of Article.	Tons	Cwt.	Prs.	Why Seized.	Whether seized or forfeited.	How disposed of
Haddock.	138	10	3	1	Decomposed.	Forfeited.
Codling	139	14	2	1	"	"
Catfish	139	1	1	1	"	"
Doba	20	13	1	-	"	"
Coltsfish	13	14	-	-	"	"
Cod	32	6	3	-	"	"
Hake	0	13	2	1	"	"
Hoe	3	3	-	1	"	"
Plaice	4	14	3	1	"	"
Halibut	2	13	3	1	"	"
Sea Bream	2	6	-	-	"	"
Whiting	4	3	1	-	"	"
Herring	2	3	-	-	"	"
Dogfish	1	13	-	-	"	"
Mackerel	3	6	1	1	"	"
Tusk	14	-	-	-	"	"
Ling	7	3	-	-	"	"
Gato	3	3	-	-	"	"
Hake	1	6	1	1	"	"
Garnet	13	1	1	1	"	"
Lemon Sole	13	-	-	-	"	"
Herring	2	3	-	-	"	"
Trout	1	-	-	-	"	"
Sole	1	1	-	-	"	"
Atches	2	3	-	-	"	"
Brill	3	-	-	-	"	"
Salmon	4	-	-	-	"	"
Conger Fish	3	3	-	-	"	"
Crabs 22 Seals.						
Total Seized	343	7	-	-	"	"
Quantities of fish remaining unsold	743	6	-	-	"	"
Total :-	1284	13	-	-		

X. In previous years the whole of the above has been shown under one heading.

EX RAIL.

There are no shell-fish beds in the area of the Port

Nature of Article.	Quantity.	Why Condemned.	Whether seized or forfeited.	How disposed of.
Mixed Fish.	83. Stns.	Decomposed	Forfeited.	Sent to Meal Works.
Kippers	199. "	"	"	"
Wet Fillets	19. "	"	"	"
Skate	13. "	"	"	"
Dogfish	97. "	"	"	"
Hake	30. "	"	"	"
Dry Fish	1. "	"	"	"
Cod	4. "	"	"	"
Chitterlings	3. "	"	"	"
Trout	8. "	"	"	"
Lemon Soles	1. "	"	"	"
Mackerel	9. "	"	"	"
Plaice	9. "	"	"	"
Halibut	3. "	"	"	"
Roker	5. "	"	"	"
Sprats	3. "	"	"	"
Roos	6. "	"	"	"
Prawns	4. "	"	"	"
Grayfish tails	9. "	"	"	"

FISH CURING HOUSES.

Bloaters	24. "	"	"	"
Herrings	4. "	"	"	"

EX ESBJERG.

Pigs Maws	19. Casks.	"	"	To Corporation Destructor.
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Article.	Quantity.	Why Condemned.	Whether raised or forfeited.	How disposed of.
Mixed fish.	85. 8 lbs.	Decomposed	Forfeited.	Sent to Meat Works.
Clupea	199. "	"	"	"
West Whiting	19. "	"	"	"
Salmon	18. "	"	"	"
Salmon	97. "	"	"	"
Salmon	80. "	"	"	"
Salmon	1. "	"	"	"
Salmon	4. "	"	"	"
Salmon	8. "	"	"	"
Salmon	8. "	"	"	"
Salmon	1. "	"	"	"
Salmon	9. "	"	"	"
Salmon	9. "	"	"	"
Salmon	3. "	"	"	"
Salmon	8. "	"	"	"
Salmon	8. "	"	"	"
Salmon	8. "	"	"	"
Salmon	4. "	"	"	"
Salmon	9. "	"	"	"
<hr/>				
Salmon	24. "	"	"	"
Salmon	4. "	"	"	"
<hr/>				
<hr/>				
Salmon	19. 1/2 lbs.	"	"	To Corporation Distributor.

Shell Fish.

There are no shell-fish beds in the area of the Port Health Authority.

The layings from which the oysters are marketed in this district are Hunstanton and Brightlingsea.

Number of Samples of Food examined by:-

(a) Bacteriologist:- Nil.

(b) By Analyst:-

Nature of Sample

Result of Examination.

Jellied veal.

Free from Preservatives.

Brawn.

" " "

Strawberry Pulp.

" " "

There are no shell-fish beds in the area of the Port

Health Authority.

The layings from which the oysters are marketed in this

district are Warrington and Northwich.

Number of Samples of Food examined by:-

Nil.

Bacteriological:-

(a)

By Analysis:-

(b)

Result of Examination.

Nature of Sample

Free from Preservatives.

Jellied veal.

Brawn.

Strawberry Pulp.

" "

" "

I am indebted to Mr. A. Martin, Chief Port Health Inspector, for the details of the sanitary work carried out in the district during the year.

DISTRICT.

1952 Inspections and re-inspections have been made re defects and nuisances during the year.

SANITARY IMPROVEMENTS EFFECTED.

GENERAL.

Eaves gutters repaired	17.
Roofs "	13.
Walls "	16.
Doors renewed or "	4.
Floors relaid " "	21.
Staircases "	1.
Windows "	20.
Stoves "	1.
Down spouts "	24.
Smoke holes "	2.
Yard surfaces "	4.
Road surfaces "	1.
Eaves gutters cleansed	1.
Walls "	199.
Floors "	7.
Staircases "	12.
Down spouts "	1.
Ceilings "	20.
Yard surfaces drainage provided	1.
Doors "	1.
Means of heating "	2.
Ashpit "	1.
Water supply "	5.
Washing facilities "	9.
Wash basins renewed	1.
Ventilation improved	3.
Lighting "	2.
Down spouts disconnected from drain	2.
Smoke holes reconstructed	5.
Accumulations of rubbish removed	16.

DRAINAGE

New drains constructed	44.
" reconstructed	1.
" repaired	9.
" ventilated	12.
" cleansed	7.
Rodding eyes provided	6.
Intercepting traps provided	3.
Sewage plant "	1.
Inspection chambers "	11.
" " repaired	3.
New gullies provided	30.
" cleansed	10.
Waste pipe disconnected from drain	1.

There are a large number of these situated on the docks. They are the property of the Railway Company, and are generally kept in good order.

10.	Removal of rubbish removed	10.
8.	Smoke holes reconstructed	8.
8.	Down spouts disconnected from drain	8.
8.	Lighting	8.
8.	Ventilation improved	8.
1.	Wash basins renewed	1.
9.	Washing facilities	9.
9.	Water supply	9.
3.	Asphalt	3.
1.	Means of heating	1.
2.	Doors	2.
1.	Yard surface drainage provided	1.
20.	Cellars	20.
1.	Down spouts	1.
18.	Staircases	18.
7.	Fluors	7.
199.	Walls	199.
1.	Roofs gutters cleaned	1.
1.	Road gutters	1.
1.	Yard surfaces	1.
4.	Smoke holes	4.
2.	Down spouts	2.
84.	Stoves	84.
1.	Windows	1.
20.	Staircases	20.
1.	Fluors	1.
18.	Walls	18.
17.	Roofs gutters repainted	17.

44	New drains connected	.....
1	reconnected	"
9	repaired	"
18	ventilated	"
7	cleaned	"
8	soffing eyes provided	.....
8	intercepting traps provided	.....
1	"	"
11	new gas	.....
3	inspection openings	"
3	repaired	"
30	New gutters provided	.....
10	"	"
1	cleaned	"
1	new gas disconnected from drains	.....

WATER CLOSETS.

New W.Cs provided	26.
" privies "	1.
Insanitary or unsuitable W.Cs abolished	8.
" " " " reconstructed	4.
Ventilation improved	2.
Water supply provided	1.
New basins fixed	3.
New soil pipes fixed	1.
Doors renewed or repaired	2.
Flush pipe renewed	1.
Cisterns repaired	2.
Roof "	1.
Walls "	6.
Floors "	3.
Soil pipes "	3.
Seats "	2.
Connections "	4.
Flush pipe "	1.
W.Cs cleansed	73.
Walls "	2.
New urinals provided	2.
" cleansed	2.
Insanitary or unsuitable urinals abolished	1.

60 letters and informal notices were served on owners or occupiers during the year.

FISH MARKET.

Fish Merchants stands cleansed	210.
" " utensils "	416.
" " ice bins "	205.
" " new ice bins	14.
" Curers kits (lots) cleansed	107.
" Merchants carriers "	68.

A large number of dirty offal barrels were cleansed, and foul fish boxes destroyed.

ADDITIONAL FISH MARKET FACILITIES.

The construction of the new fish market, referred to in the Annual Report of 1937, is proceeding steadily. Several sections have been completed and 790 lineal feet of the new quay and market are now in use.

The second and final part of the scheme has now commenced and when completed will add a further 490 lineal feet of excellent market accommodation.

The method employed of constructing the new market in sections and opening each section immediately on completion ensures that little disorganisation of the industry occurs.

As mentioned in the last report, it is proposed to erect filleting houses at the extreme end of the new market.

This work has not yet been commenced.

PUBLIC CONVENIENCES.

There are a large number of these situated on the docks. They are the property of the Railway Company, and are generally kept in good order.

LIVER BARRELS.

These are getting less in number due to many of the vessels now extracting the oil from the livers on board and discharging the crude oil into iron drums. The old liver barrels are now only found on a few North Sea Boats.

FISH CARRIERS (BARRELS).

These are principally used by fish curing firms, and are a constant source of trouble, due to them not being properly cleansed. Your inspectors have paid most particular attention to them during the past few months, and there is a marked improvement, but they still leave quite a lot to be desired.

Many firms have not yet appreciated that these barrels are intended to convey fish presumed to be for human consumption.

NON-RETURNABLE BOXES.

It is hoped some day to convert the trade to a proper appreciation of the fact that the adoption of some type of non-returnable fish-box would do a great deal to improve the value of goodwill existing throughout the country towards the Grimsby fish trade. At the same time the quality of the fish on arrival at its destination would be improved.

TRAWLER OWNER'S BOXES.

There has been a marked improvement in the way in which these boxes are kept.

The Grimsby Trawler Owners Federation have now secured a building which they are reconstructing to enable them to deal with the washing of these boxes on much more modern lines.

RATS & MICE (DESTRUCTION ACT), 1919.

With reference to the above act, 587 inspections and reinspections were made.

4,361 rats were caught on premises, of these 1,121 were black and 3,240 were brown.

A regular system of examination is carried out in stores, warehouses, etc. If rats or traces of rats are found in any building, orders are at once given for their clearance either by traps, poison or fumigation.

Leaflets are distributed pointing out the obligations under the Act, also the penalties for non-compliance.

A card index is kept of all buildings, etc., in which rats have been found.

PARROTS (PROHIBITION OF IMPORT) REGULATIONS, 1930.

One notice was issued during the year.

THE SHOPS ACTS, 1912-1934.

Periodical inspections are being carried out under the above Acts.

LIVER BARRIERS.

There are passing laws in number due to many of the vessels now exporting the oil from the liver on board and distilling the crude oil into iron drums. The old liver barriers are now only found on a few North Sea boats.

FISH CANNING (HAWAII).

There are principally used by fish canning firms, and are a constant source of trouble, due to them not being properly cleaned. Your inspectors have paid most particular attention to them during the past few months, and there is a marked improvement, but they still leave quite a lot to be desired. Many firms have not yet appreciated that these barriers are intended to convey fish presumed to be for human consumption.

NON-RETURNABLE BOXES.

It is hoped some day to convert the trade to a proper appreciation of the fact that the adoption of some type of non-returnable fish-box would do a great deal to improve the value of goodwill existing throughout the country towards the Grimsby fish trade. At the same time the quality of the fish on arrival at its destination would be improved.

TRAWLER OWNERS' BOXES.

There has been a marked improvement in the way in which these boxes are kept. The Grimsby Trawler Owners' Association have now secured a building which they are reorganizing to enable them to deal with the washing of these boxes on much more modern lines.

RATS & MICE (DESTRUCTION ACT), 1919.

With reference to the above act, 587 inspections and re-inspections were made. 4,361 rats were caught on premises, of these 1,181 were black and 3,240 were brown. A regular system of examination is carried out in stores, warehouses, etc. If rats or traces of rats are found in any building, orders are at once given for their clearance either by traps, poison or fumigation. Leaflets are distributed pointing out the obligations under the Act, also the penalties for non-compliance. A card index is kept of all buildings, etc., in which rats have been found.

BARBOTS (PROHIBITION OF IMPORT) REGULATIONS, 1930.

One notice was issued during the year.

THE SHOPS ACT, 1912-1934.

Periodical inspections are being carried out under the above Act.

FACTORIES ACT, 1937.

These places are kept under constant supervision, a card index record kept as to the nature of the trade carried on and their conditions.

Further particulars will be found in copy of Home Office Form below:-

1. INSPECTIONS for purpose of provision as to health.

Including inspections made by sanitary inspectors

Premises. (1)	Number of		
	Inspections (2)	Written Notices (3)	Occupiers Prosecuted. (4)
Factories with mechanical power	830.	1.	Nil.
Factories without " "	788.	77.	Nil.
Other premises under the Act (including works of building and engineering construction but not including outworkers' premises).	Nil.	Nil.	Nil.
Total	1618.	78.	Nil.

2. DEFECTS FOUND

Particulars. (1)	Number of Defects.			Number of defects in respect of which Pro- secutions were insti- tuted (5)
	Found (2)	Remedied (3)	Referred to H.M. Inspector (4)	
Want of cleanliness(S.1)	156.	154.	Nil.	Nil.
Overcrowding(S.2)	Nil.	Nil.	"	"
Unreasonable temperature(S.3)	"	"	"	"
Inadequate ventilation(S.4)	2.	1.	"	"
Ineffective drainage of floors(S.5)	21.	18.	"	"
(insufficient	8.	6.	"	"
Sanitary (Unsuitable or Conveniences(S.7) defective	19.	12.	"	"
(not separate for sexes	Nil.	Nil.	"	"
Other offences	55.	43.	"	"
Total	261.	234.	Nil.	Nil.

These places are kept under constant supervision, a card index record kept as to the nature of the trade carried on and their conditions.

Further particulars will be found in copy of Home Office Form below:-

1. INSPECTIONS FOR PURPOSE OF PROVISION AS TO HEALTH.
Including inspections made by Sanitary Inspectors

Premises.	(1)	Number of		
		Inspections (2)	Written Notices (3)	Occasions Presented. (4)
Factories with mechanical power		830.	1.	Mil.
Factories without " "		788.	77.	Mil.
Other premises under the Act (including works of building and engineering construction but not including outworks, premises).		Mil.	Mil.	Mil.
Total		1618.	78.	Mil.

2. DEFECTS FOUND

Particulars.	(1)	Number of Defects.			Number of defects reported which were referred to H.M. Inspector for action
		Found (2)	Remedied to H.M. Inspector (3)	Not remedied (4)	
Want of cleanliness(2.1)		156.	154.	Mil.	Mil.
Overcrowding(2.2)		Mil.	Mil.	"	"
Unreasonable temperature(2.3)		"	"	"	"
Inadequate ventilation(2.4)		2.	1.	"	"
Ineffective drainage of floors(2.5)		21.	18.	"	"
(Insufficient)		8.	6.	"	"
Sanitary (Unsuitable or defective)		19.	12.	"	"
Conveniences(2.7)		Mil.	Mil.	"	"
(not separate for sexes)		Mil.	Mil.	"	"
Other offences		22.	43.	"	"
Total		261.	234.	Mil.	Mil.

OFFENSIVE TRADES.

The trades scheduled as offensive trades within the Port of Grimsby are the trades of a Fish Curer and a dealer in fish offal. The Liver Oil Factory also is so scheduled.

FISH MEAL WORKS.

Only one of these is situated in the Dock Area, and it is kept under constant supervision. No cause for complaint was found. The proprietors are at all times most courteous and willingly co-operate with the Health Department in all matters with which they are concerned.

FISH CURING HOUSES.

There are 36 fish curing houses situated within the dock area.

As pointed out in previous reports many fish curers carry on a wet fish business in addition to that of fish curing, the curing house being used for purposes in connection with both businesses.

During the year extensive repairs have been carried out at several curing houses.

The work done being principally in connection with drainage improvements, relaying of defective floors, and the improvement of sanitary accommodation.

Under the bye-laws a notice is served twice yearly requiring limewashing of the premises.

All curing houses are systematically inspected in order to ensure compliance with these notices and also to see that a reasonable standard of cleanliness is constantly maintained.

It is a pleasure to record that practically all of the work required at these premises has been carried out promptly by the several owners concerned and in full co-operation with the Authority's officers.

FISH LIVER OIL FACTORY.

A fish liver oil factory, well equipped with modern plant for extracting oil from livers and refining same, is established on the North Wall, No3 Fish Dock.

The factory is well conducted and there has been no cause for complaint during the year.

FISH CLEANING & PACKING HOUSES.

There are 40 fish cleaning houses situated within the dock area.

These premises are systematically inspected and no difficulty has been experienced in securing a reasonable standard of cleanliness, both in respect of premises and processes.

Generally, the premises employed are in a fair state of repair and where necessary a notice has been served requiring improvement.

In the case of new premises or the reconstruction of old premises, it is gratifying to record that the owners concerned usually seek the advice of the Health Department.

OFFENSIVE TRADES.

The trades scheduled as offensive trades within the port of Albany are the trades of a fish curer and a dealer in fish oil. The liver oil factory also is so scheduled.

FISH MEAL WORKS.

Only one of these is situated in the Dock Area, and it is kept under constant supervision. No cause for complaint was found. The proprietors are at all times most courteous and willingly co-operate with the Health Department in all matters with which they are concerned.

FISH CURING HOUSES.

There are 36 fish curing houses situated within the dock area.

As pointed out in previous reports many fish curers carry on a wet fish business in addition to that of fish curing, the curing houses being used for purposes in connection with both businesses.

During the year extensive repairs have been carried out at several curing houses.

The work done being principally in connection with drainage improvements, relaying of defective floors, and the improvement of sanitary accommodation.

Under the bye-laws a notice is served twice yearly regarding cleansing of the premises.

All curing houses are systematically inspected in order to ensure compliance with these notices and also to see that a reasonable standard of cleanliness is constantly maintained.

It is a pleasure to record that practically all of the work required at these premises has been carried out promptly by the several owners concerned and in full co-operation with the Authority's officers.

FISH LIVER OIL FACTORY.

A fish liver oil factory, well equipped with modern plant for extracting oil from livers and refining same, is established on the north wharf, Hob Fish Dock. The factory is well connected and there has been no cause for complaint during the year.

FISH CLEANING & PACKING HOUSES.

There are 40 fish cleaning houses situated within the dock area.

These premises are systematically inspected and no difficulty has been experienced in securing a reasonable standard of cleanliness both in respect of premises and processes.

Generally, the premises employed are in a fair state of repair and where necessary a notice has been served regarding improvement.

In the case of new premises or the reconstruction of old premises, it is gratifying to record that the owners concerned usually seek the advice of the Health Department.

FISH WASTE.

Fish waste from all premises situated within the dock area is taken to the meal works and converted into fish meal.

A daily collecting of fish waste is in operation and is undertaken by the proprietors of the meal works.

The daily collection of fish waste ensures that all waste collected is in fresh condition, as there is little or no risk of it having reached a state of decomposition, and this, together with the cleansing of the barrels used, reduces the risk of nuisance arising to a minimum.

The system operates satisfactorily and there has been no cause for complaint during the year.

The Railway Company have given special attention to road sweeping and the collection of refuse during the year with satisfactory result. Considerable sums of money have been spent on improving certain sections of the road surfaces.

No sickness of a serious nature occurred in the dock area during the year.

I acknowledge with thanks the cordial co-operation which we receive from H.M. Customs and Waterguard and from H.M. Immigration Officers, also the Port Master and the Dock Officials of the London and North Eastern Railway Company.

Fish waste from all premises situated within the dock area is taken to the meat works and converted into fish meal.

A daily collection of fish waste is in operation and is undertaken by the proprietors of the meat works.

The daily collection of fish waste ensures that all waste collected is in fresh condition, as there is little or no risk of it having reached a state of decomposition, and this, together with the cleaning of the drains used, reduces the risk of nuisance arising to a minimum.

The system operates satisfactorily and there has been no cause for complaint during the year.

The Railway Company have given special attention to road sweeping and the collection of refuse during the year with satisfactory results. Considerable sums of money have been spent on improving certain sections of the road surface.

No sickness of a serious nature occurred in the dock area during the year.

I acknowledge with thanks the cordial co-operation which we receive from H.M. Customs and Waterguard and from H.M. Immigration Officers, also the Port Master and the Dock Officials of the London and North Eastern Railway Company.

SECTION G. - PORT SANITARY SERVICE.

LIBRARY

The general description of the Port is still similiar to that contained in the Annual Report for 1933, but the work foreshadowed in the last Report has been put in hand by the London and North Eastern Railway Company. A section of the Market has been completely reconditioned, and the work is now nearing completion, additional water hydrants have been installed.

A good deal of road repair work has been undertaken.

In addition, the Railway Company have promised to provide a sanitary convenience for those female passengers embarking on the East Side of the water Tower.

Grimsby P.H.A. 1937.

Foreign :-							
Sailing	Nil	Nil	Nil	Nil	Nil	Nil	Nil
Fishing	2,438	164,812	Nil	350	54	38	Nil.
Total Foreign :-	2,438	164,812	1	894	188	60	1
Steamers	101	98,088	Nil	108		8	Nil
Motor	144	14,749	Nil	Nil		Nil	Nil
Coastwise :-							
Sailing	1	73	Nil	Nil		Nil	Nil
Fishing	-	-	Nil	945	140	80	28
Total Coastwise :-	245	52,903	Nil.	995	171	88	28
Total Foreign & Coastwise :-	2,683	207,715	1.	1,889	359	148	29.



1. As per Customs Returns, excludes Vessels under 100 Tons Register.
Number of Vessels under 100 Tons entering the Port during the year.
British :- 1780. Tonnage :- 83,123.
Foreign :- 10. " :- 507.
Number of Coastwise Fishing Vessels & Tonnage, 3 months ending 31/12/37
Number :- 2907. Tonnage :- 548,734.

The general description of the Port is still similar to that contained in the Annual Report for 1933, but the work foreseen in the last Report has been put in hand by the London and North Eastern Railway Company. A section of the Market has been completely reconstructed, and the work is now nearing completion, additional water hydrants have been installed. A good deal of road repair work has been undertaken. In addition, the Railway Company have promised to provide a sanitary convenience for those female passengers embarking on the East side of the Water Tower.

Wm. A. G. 1934



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

(1937)

TABLE. A.

	Number.	Tonnage	Number inspected.		Number reported to be defective	Number of vessels on which defects were remedied	Number of Vessels reported as having or having had during voyage infectious disease on board.
			By the Medical Officer of Health.	By the San Insptr.			
Steamers	X 574	381,681.	1	533	128	28	1
Motor	18	8,218	Nil	11	Nil	Nil	Nil
Foreign :- Sailing	Nil	Nil	Nil	Nil	Nil	Nil	Nil
Fishing	2,436	164,610	Nil	350	54	32	Nil.
Total Foreign :-	3,028	554,509	1	894	182	60	1
Steamers	X 101	38,082	Nil	108	31	8	Nil
Motor	144	14,749	Nil	21	Nil	Nil	Nil
Coastwise :- Sailing	-1	- 72	Nil	Nil	Nil	Nil	Nil
Fishing	-	-	Nil	866	140	80	28
Total Coastwise :-	246.	52,903	Nil.	995	171	88	28
Total Foreign & Coastwise :-	X 3,274.	607,412	1.	1,889.	353.	148.	29.

X. As per Customs Returns. Excludes Vessels under 100 Tons Register.

Number of Vessels under 100 Tons entering the Port during the year.

British :- 1260. Tonnage :- 63,128.

Foreign :- 10. " :- 567.

Number of Coastwise Fishing Vessels & Tonnage, 3 months ending 31/12/37.

Number :- 2907. Tonnage :- 249,734.

Number : -- 2207. Tonnage : -- 249,734.

Number of coastwise fishing vessels & tonnage, 3 months ending 31/12/20.
Foreign : -- 10. " : -- 267.
British : -- 1260. Tonnage : -- 23,128.
Number of vessels under 100 tons entering the port during the year.
X. As per Customs Returns. Includes vessels under 100 tons registered.

Coastwise :-	X	Number.	Tonnage.	Health Officer of the	Inspector.	Number reported to be defective.	on which defects were remedied.	Number of vessels on which defects were remedied.	Number of vessels reported as having defects during the year.
Coastwise :-	X	2,274.	607,412.	1.	1,889.	353.	148.	29.	
Total coastwise :-	X	246.	52,903.	Nil.	995	171	88	28	
Coastwise :-	X	-	-	Nil	866	140	80	28	
		-1	- 72	Nil	Nil	Nil	Nil	Nil	
		144	14,742	Nil	21	Nil	Nil	Nil	
		101	38,082	Nil	108	31	8	Nil	
Total foreign & coastwise :-	X	3,028	554,503	1	894	182	60	1	
Foreign :-	X	2,436	164,610	Nil	330	24	32	Nil.	
		Nil	Nil	Nil	Nil	Nil	Nil	Nil	
		18	8,218	Nil	11	Nil	Nil	Nil	
		274	381,681.	1	333	128	28	1	

ROUTINE INSPECTION OF VESSELS ARRIVING AT THE PORT.

(a) Passenger Traffic during the year.

FOREIGN :-

British Steam Ships	162.
" Sailing "	Nil.
" Motor Vessels	4.
Foreign Steam Ships	371.
" Motor Vessels	7.
" " Fish'g Vessels	19.
British Steam "	314.
Foreign " " "	17.
Total :-	<u>894.</u>

COASTWISE :-

British Steam Ships	83.
" Motor Vessels	12.
" Sailing Ships	Nil.
" Motor Fish'g Vessels	4.
Foreign Steam Ships	25.
" Motor Vessels	9.
" " Fish'g Vessels	21.
British Steam "	837.
Foreign " " "	4.
Total :-	<u>995.</u>

Foreign 894.

Coastwise 995.

Total :- 1889.

Extra inspections 272.

The Nationalities of the Vessels were as follows :-

British	1415.
Danish	164.
Swedish	67.
French	51.
Norwegian	61.
Icelandic	24.
Dutch	21.
German	25.
Finnish	37.
Russian	7.
Latvian	6.
Danzig	1.
Belgian	1.
Estonian	3.
Hungarian	1.
Spanish	1.
Greek	4.
Total :-	<u>1889.</u>

ROUTINE INSPECTION OF VESSELS ARRIVING AT THE PORT.

FOREIGN :-

123.	British Steam Ships
111.	" Sailing "
4.	" Motor Vessels "
271.	Foreign Steam Ships
7.	" Motor Vessels "
12.	" Fish'g Vessels "
214.	British Steam "
17.	" " "
924.	Foreign
Total :-	

COASTWISE :-

83.	British Steam Ships
12.	" Motor Vessels "
111.	" Sailing Ships "
4.	" Motor Fish'g Vessels "
28.	Foreign Steam Ships
9.	" Motor Vessels "
21.	" Fish'g Vessels "
237.	British Steam "
4.	Foreign " " "
Total :-	

224.	Foreign
222.	Coastwise
Total :-	

Extra inspections 272.

The Nationalities of the Vessels were as follows :-

1412.	British
124.	Danish
87.	Swedish
21.	French
61.	Norwegian
24.	Icelandic
21.	Dutch
22.	German
37.	Finnish
7.	Russian
8.	Latvian
1.	Polish
1.	Belgian
3.	Austrian
1.	Hungarian
1.	Spanish
4.	Greek
Total :-	

11. CHARACTER OF TRADE OF PORT.

TABLE B.

(a) Passenger Traffic during the year.

No of Passengers.	1st Class.	2nd Class.	3rd Class.	Transmigrants.
Inwards.	904.	Nil.	280.	54.
Outwards.	No Class shewn.		979.	63.

It will thus be seen that the passenger traffic of the port continues to shew a further marked diminution.

(b) Cargo Traffic.

Principal Imports :-

Timber, wood-pulp, fish, foodstuffs and general.

The figures in Tons for 1937, compared with the previous year are as follows :-

	1937.	1936.	Increase or Decrease.
Timber	291,590.	205,354. +	86,236.
Wood pulp	145,367.	118,720. +	26,647.
Bacon	44,292.	46,128. -	1,836.
Butter	47,040.	43,386. +	3,654.
Eggs	8,256.	6,281. +	1,975.
Fruit & Vegetables	1,460.	2,482. -	1,022.
Sundries	56,677.	69,019. -	12,432.

Grimsby, by reason of its excellent series of seasoning yards and sheds, has attained a reputation for supplying the finest joinery redwood obtainable, and as local merchants are well stocked, they are in a position to deal with all classes of business.

The wood pulp is largely used locally in the manufacture of paper : The main increase however has been in the pit prop trade, some of this traffic having been diverted from Boston, the increase gave much needed employment to casual dock labour during the summer months.

Principal Exports :-

Coal and Coke, Fish, fish-meal and general.

Steel	17,162.	19,206. -	2,044.
Yarn	1,195.	4,711. -	3,516.
Pig Iron	3,916.	3,207. +	709.
Paper	1,115.	650. +	465.
Coal & Coke	1,120,491.	1,093,419. +	127,272.
Sundries	22,752.	21,217. +	1,535.

During the year the total quantity of edible fish (including foreign) landed was 3,932,835 Cwts., and the value of same was £3,994,323. much the same as last year.

TABLE B.

(a) Passenger Traffic during the year.

No of Passengers.	1st Class.	2nd Class.	3rd Class.	Transients
Inwards.	904.	Nil.	280.	54.
Outwards.	No Class shown.	979.		55.

It will thus be seen that the passenger traffic of the port continues to show a further marked diminution.

(b) Cargo Traffic.

Principal Imports :-

Timber, wood-pulp, fish, foodstuffs and general.

The figures in Tons for 1937, compared with the previous year

are as follows :-

1937.	1936.	Increase or Decrease.
Timber	291,390.	55,738.
Wood pulp	145,387.	26,647.
Bacon	44,392.	1,886.
Butter	47,040.	3,654.
Tea	8,256.	1,975.
Fruit & Vegetables	1,460.	1,022.
General	28,877.	12,432.

Trinidad, by reason of its excellent series of seasoning yards and sheds, has attained a reputation for supplying the finest joinery redwood obtainable, and as local merchants are well stocked, they are in a position to deal with all classes of business.

The wood pulp is largely used locally in the manufacture of paper. The main increase however has been in the pig trade, some of this traffic having been diverted from Boston, the increase gave much needed employment to casual dock labour during the summer months.

Principal Exports :-

Coal and Coke, fish, meat and general.

1937.	1936.	Increase or Decrease.
Steel	14,152.	2,044.
Yarn	1,192.	3,216.
Pig Iron	2,916.	702.
Paper	1,118.	482.
Coal & Coke	1,120,461.	127,272.
General	22,752.	1,522.

During the year the total quantity of edible fish (including

foreign) landed was 2,930,825 lbs., and the value of same was

23,994,323. much the same as last year.

(c) Foreign Ports from which vessels arrive.

Russia - Archangel, Igarka, Kovda, Leningrad, Marmansk, Onega.
Norway - Drammen, Fredrikstad, Larvik, Oslo, Trondhjem.
Sweden - Gothenburg, Gefle, Hernosand, Soderhamp, Stockholm, Sundsvall.
Finland - Helsingfors, Hango, Kotka, Raumo, Trangsuud, Viborg.
Germany - HAMBURG. Konigsberg, Bremen, Stettin.
Holland - ROTTERDAM. Amsterdam, Groningen.
Belgium - ANTWERP. Ghent.
France - DIEPPE. Le harve, Brest, Calais, Bordeaux, Bayonne, Rouen, Dunkirk, Marseilles.
Denmark - ESBJERG.
Portugal - Faro, Lisbon, Oporto.
Spain - Seville, Valencia, Cartagena, Huelva, Castellon.
Danzig. - Danzig.
Estonia - TALLIN.
Latvia - Riga.

CANAL BOATS ACT.

457 entered the Port during the year, of which 89 were inspected. No infectious disease occurred on any of the Canal Boats during the year.

Infringements of the Act dealt with were :-

Masters without Certificates	15.
Boats not properly marked	25.
Cabins not in a cleanly condition	3.
" " sufficiently ventilated	5.
" require painting	11.
" out of repair	11.
" delapidated	3.
Without proper water vessels	7.
Total :-	<u>80.</u>

31 Notices were served on owners. No legal proceedings were taken in respect of infringements. The number of infringements found continues to be high.

(c) Foreign Ports from which vessels arrive.

Russia	- Archangel, Igarka, Kovda, Leningrad, Krasnoyarsk, Omsk.
Norway	- Bremsen, Fredrikstad, Larvik, Oslo, Trondheim.
Sweden	- Gothenburg, Galle, Hernösand, Göteborg, Stockholm, Sundsvall.
Finland	- Helsinki, Hangö, Kotka, Kuopio, Tampere, Viipuri.
Germany	- HAMBURG, Königsberg, Bremen, Stettin.
Holland	- ROTTERDAM, Amsterdam, Groningen.
Belgium	- ANTWERP, Ghent.
France	- NARBONNE, Le Havre, Brest, Calais, Bordeaux, Bayonne, Nantes, Dunkirk, Marseille.
Denmark	- COPENHAGEN.
Portugal	- Porto, Lisbon, Oporto.
Spain	- Sevilla, Valencia, Cartagena, Huelva, Gasteion.
Denmark	- Kongsig.
Estonia	- TALLIN.
Latvia	- RIGA.

CANAL BOATS ACT.

437 entered the port during the year, of which 89 were

inspected. No infectious disease occurred on any of the Canal

boats during the year.

Infringements of the Act dealt with were :-

15.	Boats without certificates
25.	Boats not properly marked
3.	Boats not in a cleanly condition
5.	" " insufficiently ventilated
11.	" " require painting
11.	" " out of repair
3.	" " delayed
7.	Without proper water vessels
80.	Total :-

31 Notices were served on owners. No legal proceedings were taken in respect of infringements. The number of infringements found continues to be high.

111. WATER SUPPLY.

The town water supply is available for the port and for shipping.

All precautions are taken against contamination.

There are two water boats in use, one in each dock ; they are in good sanitary condition.

The water supply for the fish market is being adequately chlorinated by the Railway Company, and about 300,000 gallons per day are used. Unfortunately the Railway Company have not yet provided facilities for making this chlorinated supply available for washing out the fish rooms of trawlers.

On the new extension of the Fish Market a considerable number of fresh water hydrants have been installed at approximately 25 feet apart, this should enable a generous supply of fresh water for the washing out of fish rooms etc on trawlers.

1V. PORT SANITARY REGULATIONS. 1933.

The information under these Regulations is as described in the Annual Report for 1934, except in regard to paragraph 10 relating to venereal disease. This is shewn at the end of Table D.

No cases of Plague, Cholera, Yellow Fever, Smallpox or Typhus occurred, or any Plague infested rats were discovered during the year.

Veneral Disease.

During the year 118 foreign seamen attended the Grimsby Clinic, of which 86 were suffering from syphilis, 33 from gonorrhoea and 3 from soft chancre.

In addition to the above there were several others attended for advice and were found not to be suffering from venereal disease.

This large increase in the attendance of foreign seamen is partly due to increased propaganda on the vessels, and partly due to the active co-operation of the medical officer in charge of the Dock Clinic established by the trawlerowners.

III. WATER SUPPLY.

The town water supply is available for the port and for shipping.

All precautions are taken against contamination.

There are two water boats in use, one in each dock; they are

in good sanitary condition.

The water supply for the fish market is being adequately

enhanced by the Railway Company, and about 300,000 gallons

per day are used. Unfortunately the Railway Company have not

yet provided facilities for making this enhanced supply

available for washing out the fish rooms of fishers.

On the new extension of the Fish Market a considerable

number of fresh water hydrants have been installed at

approximately 25 feet apart, this should enable a generous

supply of fresh water for the washing out of fish rooms

etc. on fishers.

IV. PORT SANITARY REGULATIONS, 1933.

The information under these Regulations is as described

in the Annual Report for 1934, except in regard to paragraph 10.

relating to venereal disease. This is shown at the end of

Table D.

TABLE C.

Cases of infectious sickness landed from Vessels.

Disease	Number of cases during the year (1) on Vessels.		No of Vessels concerned.	Average number of cases for previous 5 years.
	Passengers.	Crew.		
Influenza.	-	29.	11.	50.

TABLE D.

Cases of infectious sickness occurring on Vessels during the voyage but disposed of prior to arrival.

Disease.	Number of Cases during the year.		No of Vessels concerned.	Average number of cases for previous 5 years.
	Passengers.	Crew.		
Pneumonia.	-	-	-	1.

No cases of Plague, Cholera, Yellow Fever, Smallpox or Typhus occurred, or any Plague infected rats were discovered during the year.

Venereal Disease.

During the year 112 foreign seamen attended the Grimsby Clinic, of which 56 were suffering from syphilis, 53 from gonorrhoea and 3 from soft chancre.

In addition to the above there were several others attended for advice and were found not to be suffering from venereal disease.

This large increase in the attendance of foreign seamen is partly due to increased propaganda on the vessels, and partly due to the active co-operation of the medical officer in charge of the Dock Clinic established by the trawler-owners.

Cases of infectious diseases landed from vessels.

Disease.	Number of cases during the year.	No of vessels concerned.	Average number of cases for previous 5 years.
Malaria.	Passengers. Crew.		
Influenza.	-	82.	11.
			80.

TABLE D.

Cases of infectious diseases occurring on vessels during the voyage but disposed of prior to arrival.

Disease.	Number of cases during the year.	No of vessels concerned.	Average number of cases for previous 5 years.
Malaria.	Passengers. Crew.		
Phenomena.	-	-	1.

No cases of Plague, Cholera, Yellow Fever, Smallpox or Typhus occurred, or any Plague infested rats were discovered during the year.

Venerical Diseases.

During the year 113 foreign seamen attended the Glimpse Clinic, of which 56 were suffering from syphilis, 53 from gonorrhoea and 3 from soft chancre.

In addition to the above there were several others attended for advice and were found not to be suffering from venerical disease. This large increase in the attendance of foreign seamen is partly due to increased propaganda on the vessels, and partly due to the active co-operation of the medical officer in charge of the Dock Clinic established by the trawler-owners.

V. MEASURES AGAINST RODENTS.

Numbers 1 to 5 as described in Annual Report for 1934.

Rats destroyed during the year.

TABLE E.

(1) On Vessels.

Number of	Jan.	Feb.	Mar.	Apr.	May.	June.	July.	Aug.	Sep.	Oct.	Nov.	Dec.	Total
Black Rats	20.	8.	20.	17.	40.	40.	36.	20.	11.	10.	6.	4.	232.
Brown Rats	8.	3.	14.	14.	15.	7.	5.	12.	8.	10.	4.	6.	106.
Species not recorded							Nil						
Examined			2.			2.		2.				2.	
Infected with Plague							Nil						
Total :-													338.

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

Number of	Jan.	Feb.	Mar.	Apr.	May.	June.	July.	Aug.	Sep.	Oct.	Nov.	Dec.	Total
Black Rats	26.	51.	155.	106.	110.	104.	188.	42.	90.	102.	150.	100.	1,224.
Brown Rats	161.	150.	200.	276.	400.	350.	200.	260.	200.	260.	300.	342.	3,099.
Species not recorded							Nil						
Examined			2.			2.		2.				2.	
Infected with Plague							Nil						
Total :-													4,323.

Rats examined for Plague or other Diseases.

6 black Rats and 10 brown Rats were sent for examination.

The report from the Analyst is as follows :- These Rats have been examined and found to be free from B. Pestis, or other diseases.

Numbers 1 to 5 as described in Annual Report for 1934.

Data destroyed during the year.

TABLE II.
(I) On Vessels.

Number of	Jan.	Feb.	Mar.	Apr.	May.	June.	July.	Aug.	Sep.	Oct.	Nov.	Dec.	Total
Black Haze	20.	8.	20.	17.	40.	40.	38.	20.	11.	10.	8.	4.	2
Brown Haze	8.	3.	14.	14.	15.	7.	3.	12.	8.	10.	4.	6.	1
Species not recorded													
Examined	2.				2.		2.						2.
Infected with plague													
Total :-													3

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

Number of	Jan.	Feb.	Mar.	Apr.	May.	June.	July.	Aug.	Sep.	Oct.	Nov.	Dec.	Total
Black Haze	28.	31.	155.	106.	110.	104.	188.	42.	90.	102.	150.	100.	1,2
Brown Haze	161.	150.	200.	276.	400.	350.	200.	220.	200.	220.	300.	342.	3,0
Species not recorded													
Examined	2.				2.		2.						2.
Infected with plague													
Total :-													4,2

Data examined for plague or other diseases.

6 black haze and 10 brown haze were sent for examination. The report from the Analyst is as follows :- These haze have been examined and found to be free from B. Pasteur, or other diseases.

INTERNATIONAL SANITARY CONVENTION.

During the year 62 Deratisation Exemption Certificates were issued.

592 traps were set by the Rat Searcher on 74 vessels and 158 rats were caught, the balance of 180 being from trawlers making a total of 338.

It has not been found necessary to fumigate any vessel under the above " Convention " for the following reasons. :-

Vessels trading to and from this port are mostly engaged between the Baltic and Continental ports. The nature of the trade is such that the cargoes of the vessels are seldom in for more than a week, and in a number of cases for only 36 hours ; this leaves little chance for rats to nest or harbour.

Special attention is paid to the work of detecting rats in warehouses, wharves, quays etc and when necessary trapping and laying of poison baits are resorted to.

TABLE G.

Measures of Rat Destruction on Vessels " Infected from plague infected ports arriving in the port.

TABLE H.

Deratisation Certificates and Deratisation Exemption Certificates.

Net Tonnage.	No of ships.	No of Deratisation Certificates issued.		
		After fumigation with.		
1.	2.	H.C.N. 3.	Sulphur. 4.	H.C.N. & Sulphur. 5.
Ships up to 500 Tons	14.			
" Over 501 " to 1000 Tons	27.			
" " 1001 " " 3000 "	10			
" " 3001 " " 10000 "	1.			
Over 10000 Tons.	Nil.			
Totals :-	62.			Nil.

528 traps were set by the Mt Seateacher on 74 vessels and

158 rats were caught, the balance of 180 being from trawlers.

SEE to instot a system

the above "Convention" for the following reasons:

Vessels trading to and from this port are mostly engaged between the Baltic and Continental ports. The nature of the trade is such that the cargoes of the vessels are seldom in for more than a week, and in a number of cases for only 36 hours; this leaves little chance for rats to nest or harbor.

and when necessary, telephone and survey, and

Leaving of poison bait are reported to

TABLE G.

Measures of Rat Destruction on Plague "infected" or "suspected" Vessels from plague infected ports arriving in the port during the year --- Nil.

TABLE H.

Deratisation Certificates and Deratisation Exemption Certificates issued during the year.

Nett Tonnage.	No of Ships.	No of Deratisation Certificates issued.					No of Derat-isation Exemption Certificates issued.	Total Certificates issued.
		After fumigation with.			After trapping & poisoning etc	Total.		
		H.C.N.	Sulphur.	H.C.N. & Sulphur.				
1.	2.	3.	4.	5.	6.	7.	8.	9.
Ships up to 300 Tons	14.						14.	14.
" from 301 " to 1000 Tons	37.						37.	37.
" " 1001 " " 3000 "	10			Nil			10.	10.
" " 3001 " " 10000 "	1.						1.	1.
Over 10000 Tons.	Nil.						Nil.	Nil.
Totals :-	62.			Nil			62.	62.

VI. HYGIENE OF CREW'S SPACES.

TABLE J.

Classification of Nuisances.

Nationality of Vessel.	Number inspected during year.	Defects of original construction.	Structural defects thro wear & tear.	Dirt, Vermin, and other conditions prejudicial to health.
British	1415.	1.	227.	185.
Other Nations.	474.	6.	126.	38.

On nearly all Fishing Vessels the forecastles are used for the storing of surplus deck gear.

DEFECTS.

Leaky overhead decks	77.	Defective water tanks.....	6.
Plugs missing from tanks	26.	" " " pipes..	3.
Broken portlight glasses	90.	" chain pipes	30.
Leaks aft	7.	" air "	2.
Defective stoves	69.	" food lockers	19.
" " pipes	44.	" escape lights ...	2.
" ventilation	30.	" cabin floor.....	2.
" deadlights	19.	" " steps	2.
" portlights	8.	" " lining	6.
" " frames... ..	31.	" fcsle steps	3.
" decklights	14.	" " floors	5.
" skylights	12.	" " doors	11.
" plates, ships side....	28	" galley "	2.
" bulkheads	6.	" " sinks	2.
" W.Cs	26.	" mess room doors..	2.
" " flush pipes ..	2.	" bunks	15.
" " soil " ..	2.	" " lining.....	14.
" waste pipes	2.	" scupper pipes ...	9.
" stem	2.	" wash basins ...	5.
" lining fcsle steerage	2.	" floor drainage...	2.

NUISANCES.

Damp forecastles	2.	Dirty pantries.....	2.
Dirty "	38.	" water tanks	19.
" " steerage	7.	" mess rooms	2.
" cabins	31.	" & perished paintwork.	89.
" " steerage	3.	" & choked W.Cs	34.
" " seats	6.	" wash houses	10.
" galley & utensils	9.	" beef casks	4.
" beds destroyed	158.	" store rooms	1.
" bunks	82.	" & foul bilges	1.
" food lockers	93	Verminous Vessels	239.
" seat "	22.	" " fumigated..	192.
" transom "	18.	" " sprayed....	52.

~~The whole of the above nuisances were stated.~~

Informal Notices served :- 243. Complied with :- 148.

The number of nuisances discovered was much as last year, but practically double the number of informal notices have been served.

TABLE 7.

Classification of Nuisances.

Nationality of Vessel.	During Year.	Number Inspected.	Defects of original construction.	Structural defects thru wear & tear.	Defective and other conditions prejudicial to health.
British	1918.	1.	237.	185.	
Other Nations.	474.	6.	126.	38.	

On nearly all visiting vessels the forecastles are used for the storing of surplus deck gear.

DEFECTS.

Leaky overhead tanks	77.	Defective water tanks	8.
Pipes missing from tanks	86.	" "	3.
Broken portlight frames	90.	chain pipes	80.
Tanks at	7.	" "	2.
Defective stoves	69.	food lockers	19.
" pipes	44.	escape lights	2.
ventilation	30.	capin floor	2.
deadlights	19.	" steps	2.
portlights	8.	" lining	6.
" frames	31.	toilet steps	2.
decklights	14.	" floors	2.
skylights	12.	" doors	11.
plates, ship's side	28.	galley	2.
bulkheads	6.	" stanks	2.
W.C.	26.	mess room doors	2.
" flush pipes	2.	hunks	15.
" soil	2.	" lining	14.
waste pipes	2.	sawyer pipes	2.
stem	2.	wash basins	2.
lining toilet stoves	2.	floor drainage	2.

NUISANCES.

W.C. forecastles	2.	dry pantries	2.
" "	38.	water tanks	19.
stoves	7.	mess room	2.
capin	31.	& perforated panwork	69.
stoves	3.	& choked W.C.	34.
seats	6.	wash houses	10.
galley & utensils	2.	beef cases	4.
beds destroyed	158.	store rooms	1.
hunks	88.	& food pipes	1.
food lockers	23.	various vessels	239.
seat	22.	" fumigated	192.
transom	18.	" upraised	32.

The whole of the above nuisances were reported.

Informal notices served :- 243. Compiled with :- 148.

The number of nuisances discovered was much as last year, but practically double the number of informal notices have been served.

CREWS' QUARTERS.

During inspection of vessels particular attention is paid to the condition of the Crews' living accommodation, and although there is still much room for improvement, it has been found that more attention is being paid to the general sanitary condition of cabins and forecastles.

This condition is more apparent in the latest type of vessels where increased cubic capacity, clothes lockers, and washing accommodation is provided. It is where lighting is deficient and especially in those forecastles where artificial lighting by oil lamps has to be resorted to, that dirty conditions are more frequently found.

It is satisfactory to note however that during the year there has been a marked decrease in the number of nuisances discovered due to the lack of cleanliness, although there has been an increased number of vessels entering the Port.

Kitchen	5	6	0	0.	"	"	"
Cod	4	11	1	0.	"	"	"
Lemon Solas	3	13	1	1.	"	"	"
Herrings	3	7	2	1.	"	"	"
Salmon	2	6	3	0.	"	"	"
Brown	1	12	0	0.	"	"	"
Wasa	1	12	3	0.	"	"	"
Tusk	1	1	0	0.	"	"	"
Wool	1	1	0	0.	"	"	"
Whiskered		16	3	0.	"	"	"
Boatfish		7	0	1.	"	"	"
Ling		5	0	0.	"	"	"
Gardens		7	0	0.	"	"	"
Skate		4	2	0.	"	"	"
Salmon		2	0	0.	"	"	"
Salmon				0.	"	"	"
Total :-	322	15	0	0.			

VII. FOOD INSPECTION.

PUBLIC HEALTH (IMPORTED FOOD) REGULATIONS, 1925.

Quantities and descriptions of food seized, forfeited or remaining unsold and sent to the Meal Works for destruction during year.

FISH MARKET.

Nature of Article.	WEIGHT.				Why Condemned.	Whether seized or forfeited.	How disposed of.
	Tons.	Cwts.	qrs.	Stns.			
Haddecks	364	0	3	1.	Decomposed	Forfeited	Sent to
Codling	245	1	1	1.	or	"	the
Catfish	62	17	1	1.	Remaining	"	Meal Works.
Colefish	46	12	3	1.	unsold.	"	"
Dabs	37	17	1	0.	"	"	"
Whiting	26	12	2	0.	"	"	"
Roker	8	9	1	0.	"	"	"
Plaice	3	14	0	0.	"	"	"
Witches	5	6	0	0.	"	"	"
Cod	4	11	1	0.	"	"	"
Lemon Soles	3	13	1	1.	"	"	"
Herrings	3	7	2	1.	"	"	"
Halibut	2	8	3	0.	"	"	"
Bream	1	19	0	0.	"	"	"
Roes	1	18	3	0.	"	"	"
Tusk	1	1	0	0.	"	"	"
Monk	1	1	0	0.	"	"	"
Mackerel		14	3	0.	"	"	"
Dogfish		7	0	1.	"	"	"
Ling		5	0	0.	"	"	"
Gurnards		7	0	0.	"	"	"
Skate		4	2	0.	"	"	"
Hake		2	0	0.	"	"	"
Soles				3.	"	"	"
Total :-	822	13	0	0.			

Quantities and descriptions of food seized, forfeited or remaining
unsold and sent to the Meat Works for destruction during year.

FISH MARKET.

How disposed of.	Whether seized or forfeited.	Why Condemned.	W E I G H T				Article.	Nature of
			Tons.	Cwt.	lbs.	grs.		
Sent to	Forfeited	Decomposed	364	0	8	1.	Haddock	
the	"	"	245	1	1	1.	Codling	
Meat Works	"	Remaining	62	17	1	1.	Catfish	
"	"	unsold.	46	12	3	1.	Colerian	
"	"	"	37	17	1	0.	Dabs	
"	"	"	26	12	2	0.	Whiting	
"	"	"	8	2	1	0.	Rock	
"	"	"	3	14	0	0.	Plaice	
"	"	"	5	6	0	0.	Witches	
"	"	"	4	11	1	0.	God	
"	"	"	3	13	1	1.	Lemon Soles	
"	"	"	3	7	2	1.	Herrings	
"	"	"	2	8	3	0.	Halibut	
"	"	"	1	12	0	0.	Bream	
"	"	"	1	13	3	0.	Roach	
"	"	"	1	1	0	0.	Trout	
"	"	"	1	1	0	0.	Moray	
"	"	"	14	3	0.	0.	Mackerel	
"	"	"	7	0	1.	0.	Doyleish	
"	"	"	5	0	0.	0.	Lang	
"	"	"	7	0	0.	0.	Gurnards	
"	"	"	4	2	0.	0.	Shute	
"	"	"	2	0	0.	0.	Hake	
"	"	"	3.				Soles	
			322	13	0	0.	Total :-	

EX RAIL.

Nature of Article.	Quantity.	Why Condemned.	Whether seized or Forfeited.	How disposed of.
Herrings	188.Stns.	Decomposed.	Forfeited.	Sent to
Mackerel	135. " .	"	"	Meal Works.
Wet Fillets	72. " .	"	"	"
Dry "	18. " .	"	"	"
Dogfish	88. " .	"	"	"
Mixed Fish	116. " .	"	"	"
Cod	32. " .	"	"	"
Kippers	21. " .	"	"	"
Haddocks	28. " .	"	"	"
Smoked Fish	16. " .	"	"	"
Roes	6. " .	"	"	"
Roker	6. " .	"	"	"
Bloaters	4. " .	"	"	"
Hake	6. " .	"	"	"
Halibut	1. " .	"	"	"
Salmon	108. lbs.	"	"	"
Prawns	5.Tins.	"	"	"
Crabs	17. No .	"	"	"
Shrimps	9.Bkts.	"	"	"
<u>EX STEAMSHIP.</u>				
<u>Esbjerg.</u>				
Pigs Maws	2.Casks.	"	"	To Corporation
Potatoes	9. Bags.	Unsound	"	Destructor.
<u>EX SEVILLE.</u>				
Oranges	375. Bxs .	"	"	"
<u>EX GOLD STORE.</u>				
Beef	103. lbs .	Decomposed	"	"
<u>EX STEAMSHIP.</u>				
<u>Esbjerg.</u>				
Pigs Maws	4.Casks	"	Seized	"
<u>FISH CURING HOUSE.</u>				
Herrings	5.Stns.5 lbs.	"	"	Sent to Meal works.

Article.	Quantity.	Why Condemned.	Whether used or forfeited.	How disposed of.
Herrings	188.2 lbs.	Decomposed.	Forfeited.	Sent to Meat Works.
Mackerel	155. "	"	"	"
Wet Pillets	75. "	"	"	"
Dry "	88. "	"	"	"
Postfish	88. "	"	"	"
Mixed fish	115. "	"	"	"
Cod	32. "	"	"	"
Kippers	21. "	"	"	"
Haddock	28. "	"	"	"
Smoked fish	15. "	"	"	"
Loose	8. "	"	"	"
Poker	8. "	"	"	"
Bloaters	4. "	"	"	"
Hake	8. "	"	"	"
Halibut	1. "	"	"	"
Salmon	108. lbs.	"	"	"
Trawns	5. lbs.	"	"	"
Crabs	14. No.	"	"	"
Shrimps	9. lbs.	"	"	"
<u>EX STEAMSHIP.</u>				
Pigs Maws	2. Cans.	"	"	To Corporation
Potatoes	2. Bags.	Unsound	"	Destructor.
<u>EX STEAMSHIP.</u>				
Oranges	375. Bxs.	"	"	"
<u>EX COAL STORE.</u>				
Beef	103. lbs.	Decomposed	"	"
<u>EX STEAMSHIP.</u>				
Pigs Maws	4. Cans	"	Seized	"
<u>WINE DRINKING HOUSE.</u>				
Herrings	5.2 lbs.	"	"	Sent to Meat Works.

Condemned by an order of a Justice of the Peace.

Shell Fish.

There are no shell-fish beds in the area of the Port Health Authority.

The layings from which the oysters are marketed in this district are Huhstanton and Brightlingsea

Shoekel	15.
New drains laid	4.
Shoekel gullies	31.
New gully covers	8.
New gully v	7.
New down spouts	8.
Down spouts	13.
(a) Bacteriologist :-	Nil.
(b) By Analyst :-	8.
Nature of Sample	Result of Examination.
(1) Tin of smoked salmon.	Free from Preservatives.
Defective roofs repaired	10.
" " waste pipe	1.
Vent shafts repaired	8.
Walls repainted	8.
Ventilation improved	1.
New W.C.s fixed	8.
Dirty " cleaned	8.
New soil pipe provided	1.
Soil pipe cleared	1.
New basins fixed	1.
Connections repaired	1.
Cisterns repaired	8.
Seats	1.
Flush pipes repaired	1.
Stores cleaned & limewashed	14.
Rest rooms	8.
Offices	4.
Lofts	4.
Walls cleaned	16.
" repaired	1.
Ceilings cleaned	8.
Floors cleaned	4.
Miscellaneous	13.

188 letters and informal notices were served on owners or occupiers during the year.

ACCUMULATIONS OF OFFENSIVE MATTER REMOVED.

22 deposits of rubbish were dealt with during the year.

FISH MARKET.

Fish merchants stands cleaned	371.
" " utensils	808.
" " ice bins	185.
" " new ice bins	16.
" " square bins (lots) cleaned	20.
" Merchants carriers	8.

There has been a very marked increase during the year of the number of fish merchants utensils cleaned :- from 287 to 808.
The number of ice bins cleaned has also risen from 18 to 185.
A large number of dirty offal barrels were cleaned and foul fish boxes destroyed.

There are no shell-fish beds in the area of the Fort

Health Authority.

Number of samples of wood examined by

W. J. - bacteriologist

By Analyst -

History of Sample

• Nonlinear behavior of pipe (1)

I am indebted to Mr.A.Martin,Senior Port Health Inspector for the details of the sanitary work carried out in the district during the year.

DISTRICT.

731 Inspections and re-inspections have been made re defects and nuisances during the year,the following causes of complaint were dealt with :-

Choked drains cleared and cleansed	13.
New drains laid	4.
Choked gullies cleared	31.
New gully covers provided	8.
New gullies provided	7.
New down spouts	6.
Down spouts defective repaired	13.
" " cleared	4.
New eave spouts	5.
Eave spouts defective repaired	8.
" " cleared.....	5.
New concrete floors provided	5.
Floors repaired	3.
Defective roofs repaired	10.
" waste pipe "	1.
Vent shafts repaired	2.
Walls repointed	2.
Ventilation improved	1.
New W.Cs fixed	2.
Dirty " cleansed	5.
New soil pipe provided	1.
Soil pipe cleared	1.
New basins fixed	1.
Connections repaired	1.
Cisterns repaired	2.
Seats "	1.
Flush pipes repaired	1.
Stores cleansed & limewashed	14.
Mess rooms "	2.
Offices "	4.
Lofts "	4.
Walls cleansed	16.
" repaired	1.
Ceilings cleansed	2.
Floors cleansed	4.
Miscellaneous	13.

122 letters and informal notices were served on owners or occupiers during the year.

ACCUMULATIONS OF OFFENSIVE REFUSE REMOVED.

29 deposits of rubbish were dealt with during the year.

FISH MARKET.

Fish Merchants stands cleansed	171.
" " utensils "	608.
" " ice bins "	183.
" " new ice bins	16.
" Curers kits (lots) cleansed	20.
" Merchants carriers "	6.

There has been a very marked increase during the year of the number of fish merchants utensils cleansed :- from 237 to 608.

The number of ice bins cleansed has also risen from 16 to 183.

A large number of dirty offal barrels were cleansed,and foul fish boxes destroyed.

I am indebted to Mr. A. M. Stein, Senior Port Health Inspector for the details of the sanitary work carried out in the district during the year.

REPORT.

731 Inspections and re-inspections have been made re defects and nuisances during the year, the following causes of complaint were dealt with :-

13.	.....	Choked drains cleared and cleansed
4.	.....	New drains laid
31.	.....	Choked gutters cleared
8.	.....	New gully covers provided
7.	.....	New gullies provided
6.	.....	New down spouts
13.	.....	Down spouts defective repaired
4.	.....	" " cleared
2.	.....	New down spouts
8.	.....	Down spouts defective repaired
3.	.....	" " cleared
3.	.....	New concrete floors provided
3.	.....	Floors repaired
10.	.....	Defective roofs repaired
1.	.....	" " waste pipe
3.	.....	Vent shafts repaired
3.	.....	Walls repointed
1.	.....	Ventilation improved
2.	.....	New W.C.s fixed
2.	.....	" " cleaned
1.	.....	New soil pipe provided
1.	.....	Soil pipe cleared
1.	.....	New basins fixed
1.	.....	Connections repaired
2.	.....	Outlets repaired
1.	.....	" " "
1.	.....	Flush pipes repaired
14.	.....	Stores cleaned & limewashed
2.	.....	" " "
4.	.....	Offices
4.	.....	" " "
10.	.....	Walls cleaned
1.	.....	" " repaired
2.	.....	Gallies cleaned
4.	.....	Floors cleaned
13.	.....	Miscellaneous

123 letters and informal notices were served on owners or occupiers during the year.

ACCUMULATIONS OF OFFENSIVE MATTER REMOVED.

29 deposits of rubbish were dealt with during the year.

FISH MARKET.

171.	.....	Fish Merchants stands cleaned
608.	.....	" " " "
183.	.....	" " " "
16.	.....	" " " "
20.	.....	" " " "
8.	.....	" " " "

There has been a very marked increase during the year of the number of fish merchants' stands cleaned :- from 237 to 608. The number of ice bins cleaned has also risen from 16 to 183. A large number of dirty oil barrels were cleaned, and total fish boxes destroyed.

ADDITIONAL FISH MARKET FACILITIES.

Following the completion of the new fish dock in 1934 the London and North Eastern Railway is extending its facilities for the landing and dispatch of fish at their Grimsby docks by the construction in No 2 Fish Dock of new quays and fish markets. These, when completed, will provide an additional 860 lineal feet of quay as well as the improvement of about 350 lineal feet of quay at present in use for the landing of fish.

An additional area of about 100,000 square feet of up-to-date market accommodation will then be provided. The upper floors of the new markets will provide 90 offices for fish merchants, and about 23,000 square feet of additional storage area for fish boxes and kits. A refreshment room, trawler stores and other facilities are also included in the scheme, as well as rail and road improvements.

The new section of the market will be well equipped with sanitary accommodation, on the ground floor there will be three sets of urinals with six stalls each and three sets of W.Cs with six pedestals each. The first floor will be equally well provided for, viz :- Two sets of urinals with six stalls each, also two sets of W.Cs with six pedestals each, in addition there will be womens lavatory accommodation, two sets with two pedestals each.

It is also proposed to erect Filleting houses at the extreme end of the new section ; these will have cement rendered walls and concrete floor, with a fall towards the dock, also a barrow way fronting the dock side and one to the road side. These filleting houses should add considerably to the hygienic handling of fish, as they will have an abundant supply of fresh water and natural lighting.

The first section of the new extension should be ready for occupation by the end of April, 1938 and the entire scheme will cost in the region of £120,000.

FISH CURING AND CLEANING HOUSES.

There are 36 fish curing houses, these are kept up to the usual standard of cleanliness due to constant supervision, but a number of them, in fact nearly all are now also in the wet fillet trade.

The nature of this class of work gives rise to offence if not properly controlled, but I am pleased to say there were very few complaints, the nuisances are generally due to the want of limewashing or carelessness in connection with the utensils in use.

The extra supervision however referred to in my last annual report necessitated by the large increase in the number of these houses during the past 5 years (actually a further 5 houses were established during 1937) has thrown a greatly increased strain on the staff dealing with the fish market side.

PUBLIC CONVENIENCES.

There are a large number of these situated on the Docks. They are the property of the Railway Company and are generally kept in good order.

There are still 9 box privies which cannot be converted to water carriage, due to being in isolated positions and no sewer being available. These have been reconstructed and the wooden containers substituted by smaller metal containers which is a decided improvement.

Following the completion of the new fish dock in 1934 the London and North Eastern Railway is extending its facilities for the landing and dispatch of fish at their Grays docks by the construction in No. 2 Fish Dock of new quays and fish markets. These, when completed, will provide an additional 800 lineal feet of quay as well as the improvement of about 800 lineal feet of quay at present in use for the landing of fish.

An additional area of about 100,000 square feet of up-to-date market accommodation will then be provided. The upper floors of the new markets will provide 90 offices for fish merchants, and about 28,000 square feet of additional storage area for fish boxes and kits. A refreshment room, travel store and other facilities are also included in the scheme, as well as rail and road improvements.

The new section of the market will be well equipped with sanitary accommodation, on the ground floor there will be three sets of urinals with six stalls each and three sets of W.C.s with six pedestals each. The first floor will be equally well provided for, viz.: - Two sets of urinals with six stalls each, also two sets of W.C.s with six pedestals each, in addition there will be women's lavatory accommodation, two sets with two pedestals each.

It is also proposed to erect filleting houses at the extreme end of the new section; these will have cement rendered walls and concrete floor, with a fall towards the dock, also a narrow way fronting the dock side and one to the road side. These filleting houses should add considerably to the hygienic handling of fish, as they will have an abundant supply of fresh water and natural lighting.

The first section of the new extension should be ready for occupation by the end of April, 1938 and the entire scheme will cost in the region of £120,000.

FISH CURING AND CANNING HOUSES.

There are 36 fish curing houses, these are kept up to the usual standard of cleanliness due to constant supervision, but a number of them, in fact nearly all are now also in the wet fillet trade.

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PUBLIC CONVENIENCES.

There are a large number of these situated on the docks. They are the property of the Railway Company and are generally kept in good order.

There are still 9 box vans which cannot be converted to water carriage, and to being installed positions and no sewer being available. These have been reconstructed and the wooden containers substituted by smaller metal containers which is a decided improvement.

LIVER BARRELS.

These are getting less in number due to many of the vessels now extracting the oil from the livers on board and discharging the crude oil into iron drums. The old liver barrels are now only found on a few North Sea Boats.

FISH CARRIERS (BARRELS).

These are principally used by fish curing firms, and are a constant source of trouble, due to them not being properly cleansed. Your Inspectors have paid most particular attention to them during the past few months and there is a marked improvement, but they still leave quite a lot to be desired.

Many firms have not yet appreciated that these barrels are intended to convey fish presumed to be for human consumption.

NON RETURNABLE BOXES.

It is hoped some day to convert the trade to a proper appreciation of the fact that the adoption of some type of non-returnable fish-box would do a great deal to improve the value of goodwill existing throughout the country towards the Grimsby fish trade. At the same time the quality of the fish on arrival at its destination would be improved.

TRAWLER OWNERS BOXES.

The cleanliness of these on many occasions is not all that could be desired.

RATS AND MICE (DESTRUCTION) ACT. 1919.

With reference to the above Act, 913 inspections and re-inspections were made.

4323 rats were caught on premises of these 1224 were black and 3099 were brown.

A regular system of examination is carried out in stores, warehouses etc. If rats or traces of rats are found in any building, orders are at once given for their clearance either by traps, poison or fumigation.

Leaflets are distributed pointing out the obligations under the Act, also the penalties for non-compliance.

A card index is kept of all buildings etc in which rats have been found.

PARROTS (PROHIBITION OF IMPORT) REGULATIONS. 1930.

No Notices were issued during the year.

THE SHOPS ACTS? 1912 - 1934.

Periodical inspections are being carried out under the above Acts.

FACTORY AND WORKSHOPS ACT.

These places are kept under constant supervision, a card index record kept as to the nature of the trade carried on and their conditions.

Further particulars will be found in copy of Home Office Form appended :-

These are getting less in number due to many of the vessels now extracting the oil from the livers on board and discharging the crude oil into drums. The old liver barrels are now only found on a few North Sea boats.

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NON-RETURABLE BOXES.

It is hoped some day to convert the trade to a proper appreciation of the fact that the adoption of some type of non-returable fish-box would do a great deal to improve the value of goods still existing throughout the country towards the Grimsby fish trade. At the same time the quality of the fish on arrival at its destination would be improved.

TRAVELLING OWNERS BOXES.

The cleanliness of these on many occasions is not all that could be desired.

RATS AND MICE (INSPECTION) ACT, 1912.

With reference to the above Act, 913 inspections and re-inspections were made. 4823 rats were caught on premises of these 1824 were black and 3099 were brown. A regular system of examination is carried out in stores, warehouses etc. If rats or traces of rats are found in any building, orders are at once given for their clearance either by traps, poison or fumigation. Leaflets are distributed pointing out the obligations under the Act, also the penalties for non-compliance. A card index is kept of all buildings etc. in which rats have been found.

PATENTS (CONTRIBUTION OF IMPORT) REGULATIONS, 1933.

No Notices were issued during the year.

THE SHOPS ACT, 1912 - 1934.

Periodical inspections are being carried out under the above Act.

FACTORY AND WORKSHOPS ACT.

These places are kept under constant supervision, a card index record kept as to the nature of the trade carried on and their conditions.

Further particulars will be found in copy of Home Office form appended :-

FACTORY AND WORKSHOPS ACT.

These places are kept under constant supervision, a card index record kept as to the nature of the trade carried on, and their conditions.

Further particulars will be found in copy of Home Office Form appended :-

1. - INSPECTION OF FACTORIES, WORKSHOPS AND WORKPLACES.

Premises. (1)	Inspections. (2)	Number of Written Notices. (3)	Occupiers. Prosecuted. (4)
Factories (including Factory Laundries)	177.	6.	Nil.
Workshops (including Workshop Laundries)	312.	72.	Nil.
Workplaces (other than Outworkers premises)	361.	4.	Nil.
Total :-	<u>850.</u>	<u>82.</u>	<u>Nil.</u>

2. DEFECTS FOUND IN FACTORIES, WORKSHOPS AND WORKPLACES.

Particulars. (1)	Found. (2)	Remedied. (3)	Number of Defects. Referred to H.M. Inspector. (4)	prosecutions. (5)
Nuisances under the Public Health Acts :-				
Want of Cleanliness	76.	76.	Nil.	Nil.
Want of ventilation	5.	5.	Nil.	Nil.
Overcrowding	-	-	-	-
Want of drainage of floors	13.	13.	Nil.	Nil.
Other nuisances	90.	90.	"	"
Sanitary (insufficient accommodation. (unsuitable or defective (not separate (for sexes	7. 7. -	7. 7. -	" " "	" " "
Offences under the Factory and Workshop Acts :-				
Illegal occupation of under-ground bakehouse (s.101)			None in the Port.	
Total :-	<u>198.</u>	<u>198.</u>	<u>Nil.</u>	<u>Nil.</u>

OUTWORK IN UNWHOLESOME PREMISES, SECTION 108 Nil.

These places are kept under constant supervision, a said index record kept as to the nature of the trade carried on, and their conditions.

Further particulars will be found in copy of Home Office

Form appended :-

1. - INSPECTION OF FACTORIES, WORKSHOPS AND WORKPLACES.

Number of Written Inspections.	Number of Notices Presented.	Geographical Areas.
(1)	(2)	(3)
Factories (including Factory Landrocks)	147.	MI.
Workshops (including Workshop Landrocks)	312.	MI.
Workplaces (other than Outworkers premises)	381.	MI.
Total :-	840.	MI.

2. DEFECTS FOUND IN FACTORIES, WORKSHOPS AND WORKPLACES.

Number of Defects.

Particulars.	Found.	Remedied.	Number of Referrals to M.M.
(1)	(2)	(3)	(4)
Defects under the Public Health Act :-			
Want of cleanliness	76.	76.	MI.
Want of ventilation	3.	3.	MI.
Overcrowding	-	-	-
Want of drainage of floors	13.	13.	MI.
Other nuisances	90.	90.	"
Insufficient Sanitary (sanitary or accommodation, defective (not separate (for sexes	7.	7.	"
Offences under the Factory and Workshop Act :-			
Illegal occupation of under- ground passages (e.g.)			
Total :-	198.	198.	MI.

OUTWORK IN UNWHOLESALE PREMISES, SECTION 108 MI.

FISH MEAL WORKS.

Only one of these is situated in the Dock Area, and it is kept under constant supervision. No complaints were received during the year, and no cause for complaint was found. This is pleasing and shews that great care and attention is taken, especially considering the condition of some of the offal dealt with.

OFFENSIVE TRADES.

The trades scheduled as offensive trades within the port of Grimsby are the trades of a Fish Curer and a Dealer in fish offal also Liver Oil Factory.

It is a pleasure to record that in practically all cases very willing co-operation is given, suggestions for improvement are well received, and the general standard both in respect of premises and processes is definitely improving.

Fish-waste from Curing Houses as well as from all premises producing fish-waste is taken to the Meal Works and converted into fish meal. A daily collection of fish waste is in operation and is undertaken by the proprietors of the Meal Works.

Wooden barrels are used for this purpose which, on being emptied are immediately (put through a mechanised washer) and thoroughly cleansed before being used again.

After delivering a load of offal at the Works a clean set of barrels is loaded on to the lorries and delivered to the various premises. This system is strictly enforced.

The daily collection of offal ensures that all fish-waste collected is in fresh condition as there is little or no risk of the waste having reached a state of decomposition, and this, together with the cleansing of barrels reduces the risk of nuisance arising to a minimum.

The collection of liver oil for transport to the factory is so arranged that it is not exposed to the air, it being pumped from Trawler to Barge or drum and thence to Factory, so overcoming any offensive smell that might arise.

THE LIVER OIL FACTORY.

A fish liver oil factory well equipped with modern plant for extracting oil from livers and refining same was established on 1st June, 1937, on the north wall, No 3 Fish Dock.

In this position the premises are situated at a considerable distance from the residential and business part of the Borough and interfere not at all with the amenities of the District.

The factory itself is very well conducted and since its establishment there has been no cause for complaint.

Having regard to the nature of the article a certain amount of decomposition is unavoidable. The methods of handling have proved satisfactory and there is little cause for complaint.

The cleanliness of all receptacles used for the storage and conveyance of fish livers is strictly enforced. On these grounds, there is little cause for complaint.

Only one of these is situated in the Dock Area, and it is kept under constant supervision. No complaints were received during the year, and no cause for complaint was found. This is pleasing and shows that great care and attention is taken, especially considering the condition of some of the other boats with.

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Another matter which continues to give rise to some concern is the considerable degree of bug infestation in a number of the trawlers. There are several difficulties in the way of dealing with this problem, viz., (a) the vessels are often in port for too short a period for fumigation to be carried out, and the ships are at sea again when a second fumigation would catch the second generation of eggs ; (b) a ship may easily be infested by bugs brought on board in the gear of one seaman, and this gear may have become infested in a store from other gear. It is only fair to say that certain of the trawler owners will go to unlimited expense and trouble to keep their vessels free from vermin. Literature has been freely distributed.

The Railway Company have given special attention to road sweeping and the collection of refuse during the year with satisfactory result. Considerable sums of money have also been spent on improving certain sections of the road surfaces.

No sickness of a serious nature was brought into or occurred in the Port during the year.

I acknowledge with thanks the cordial co-operation which we receive from H.M. Customs and Waterguard and from H.M. Immigration Officers, also the Port Master and the Dock Officials of the London and North Eastern Railway Company.

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Grimby. P.S.A. Med. Lib. **MED. INTELI**
1. AMOUNT OF SHIPPING ENTERING THE PORT DURING THE YEAR.

TABLE A.

[193-?]

	Number.	Tonnage	Number Inspected.		Number of Vessels on which defects were remedied	Number of Vessels reported as having or having had during voyage infectious disease on board.
			By the Medical Officer of Health.	By the San reported to be defective.		
I.						
Steamers	1370.	518,949.	4.	549.	63.	2.
Motor	1463.	25,139.	Nil.	3.	1.	Nil.
Foreign :-						
Sailing	Nil.	Nil.	Nil.	Nil.	Nil.	Nil.
Fishing	No record kept.	Nil.	710.	69.	58.	1.
Total Foreign :-	2,833.	544,088.	4.	1,262.	133.	3.
X.						
Steamers	64.	11,424.	Nil.	85.	8.	1.
Motor	91.	8,847.	Nil.	15.	2.	Nil.
Coastwise :-						
Sailing	13.	1,086.	Nil.	Nil.	Nil.	Nil.
Fishing	No record kept.	Nil.	1,136.	120.	106.	8.
Total Coastwise :-	168.	21,357.	Nil.	1,236.	130.	9.
Total Foreign & Coastwise :-	3,001.	565,445.	4.	2,498.	263.	12.

I. As per Customs Returns. Excludes Vessels under 100 Tons Register.

[illegible]

11. CHARACTER OF TRADE OF PORT.

(a) For the Port.

The source of the fresh TABLE B. only for use in the Port

is obtained from artesian wells, these are the property of

(a) Passenger Traffic during the Year.

No	A L I E N S .				
of					
Passengers.	British.	1st Class.	2nd Class.	3rd Class.	Transmigrants.
Inwards.	2260.	989.	Nil.	374.	15.
Outwards.	2244.	(No Class shown)			222.

(b) Cargo Traffic.

Principal imports.

Foodstuffs :- Fish. Bacon. Pig Offal. Sugar. Butter. Fruit. Fruit Pulp. Potatoes. Tomatoes. Grapes. Green Vegetables. Lard. Yeast. Condensed Milk.

Other imports :- Timber. Pit props. Wood pulp.

Principal exports :-

Fish. Fish Meal. - Coal. Coke. Steel. Paper. Machinery.

(c)

Foreign Ports from which Vessels arrive.

Russia:-	Archangel. Igarka. Kovda. Leningrad. Murmansk. Onega.
Norway.	Drammen. Fredrikstad. Larvik. Oslo. Trondhjem.
Sweden.	Göteborg. Gefle. Gäddede. Harnosand. Norrköping.
"	Söderhamn. Stockholm. Sundsvall.
Finland.	Helsingfors. Hangö. Kotka. Rauma. Trångsund. Viborg.
Germany.	Hamburg. Königsberg. Bremen. Stettin.
Holland.	Amsterdam. Groningen. Rotterdam. Delfzijl.
Belgium.	Antwerp. Ghent.
France.	Le Havre. Brest. Calais. Bordeaux. Bayonne. Rouen.
"	Dieppe. Dunkirk. Marseilles.
Portugal.	Faro. Lisbon. Oporto.
Spain.	Cartagena. Castellon. Huelva. Malaga. Seville. Valencia.
Danzig.	Danzig.
Estonia.	Tallin.
Latvia.	Riga.

No case of Plague, Cholera, Yellow Fever, Small-pox or Typhus occurred, or any flagrant infected state were discovered during the Year

TABLE B.

(a) Passenger Traffic during the Year.

No of Passengers.	A L I E N S .			
	British and Foreign.	British and Foreign.	British and Foreign.	British and Foreign.
Inwards.	2260.	989.	111.	374.
Outwards.	2244.	1890.	(No data shown)	222.

(b) Cargo Traffic.

Principal imports.

Foodstuffs :- Fish, Bacon, Pig Offal, Sugar, Butter, Fruit, Fruit
Lard, Yeast, Condensed Milk.
Ship, Potatoes, Tomatoes, Grapes, Green Vegetables.

Other imports :- Timber, Pig Prope, Wood pulp.

Principal exports :-

Fish, Fish Meal, Coal, Coke, Steel, Paper, Machinery.

(c)

Foreign Ports from which Vessels arrive.

Russia :- Archangel, Igarka, Kovda, Leningrad, Murmansk, Onega.
Norway :- Trondheim, Lulea, Narvik, Oulo, Tromsø.
Sweden :- Gothenburg, Gäddede, Gäddede, Gäddede.
Finland :- Helsinki, Stockholm, Vaasa, Åbo.
Germany :- Hamburg, Königsberg, Bremen, Stettin.
Holland :- Amsterdam, Groningen, Rotterdam, Delft.
Belgium :- Antwerp, Ghent.
France :- Le Havre, Brest, Calais, Bordeaux, Bayonne, Pau.
Portugal :- Faro, Lisbon, Oporto.
Spain :- Barcelona, Gijón, Málaga, Sevilla, Valencia.
Denmark :- Copenhagen.
Italy :- Genoa, Livorno.
Greece :- Piræus, Salonika.
Egypt :- Suez, Port Said.

III. SOURCE OF WATER SUPPLY.

3

(a) For the Port.

The source of the fresh water supply for use in the Port is obtained from artesian wells, these are the property of the Grimsby Water-Works Company, who supply the whole of Grimsby. This water is of a high grade of purity, and there is an unlimited supply.

(b) Shipping. as above.

(c) Since the opening of the new Fish Dock, the number of water boats have decreased, only two are now in use, one in the above Dock and one in the Royal Dock, this is due to hydrants been fixed on the new Fish Dock, where Vessels take their supplies.

IV. PORT SANITARY REGULATIONS. 1933.

Numbers 1 to 12. As previously described in Annual Report. 1934.

TABLE C.

Cases of Infectious Sickness landed from Vessels.

Disease.	No of cases during year		Number of Vessels concerned.	Average no of cases for previous 5 years.
	Passengers.	Crew.		
Influenza.	---	10.	7.	49.
Pneumonia.	----	1.	1.	1.
Erysipelas.	----	1.	1.	-

TABLE D.

Cases of Infectious Sickness occurring on Vessels during the voyage but disposed of prior to arrival.

Disease.	No of cases during year		Number of Vessels concerned.	Average no of cases for previous 5 years.
	Passengers.	Crew		
Pneumonia.	----	--	---	1.

No case of Plague, Cholera, Yellow Fever, Small-pox or Typhus occurred, or any plague infected Rats were discovered during the Year

(a) For the Port.

The source of the fresh water supply for use in the Port is obtained from artesian wells, there are the property of the Grimsby Water-Works Company, who supply the whole of Grimsby. This water is of a high grade of purity, and there is an unlimited supply.

(b) Shipping. as above.

(c) Since the opening of the new Fish Dock, the number of water

boats have decreased, only two are now in use, one in the above dock and one in the Royal Dock, this is due to hydrants

been fixed on the new Fish Dock, where vessels take their supplies.

IV. PORT SANITARY REGULATIONS, 1935.

Numbers 1 to 12. As previously described in

Annual Report, 1934.

TABLE C.

Cases of infectious diseases landed from vessels.

Disease.	Passengers.	Crew.	Number of vessels concerned.	Average no. of cases for previous 5 years.
Infants.	---	10.	7.	42.
Pneumonia.	---	1.	1.	1.
Erysipelas.	---	1.	1.	-

TABLE D.

Cases of infectious diseases occurring on vessels during the voyage but disposed of prior to arrival.

Disease.	Passengers.	Crew.	Number of vessels concerned.	Average no. of cases for previous 5 years.
Pneumonia.	---	---	---	1.

No case of plague, cholera, yellow fever, small-pox or typhus occurred, or any plague infected rats were discovered during the year.

V. MEASURES AGAINST RODENTS.

Numbers 1 to 5.

As previously described in
Annual Report for 1934.

Rats destroyed during the Year.

TABLE E.

(1) On Vessels.

Number of Rats.	Jan.	Feb.	Mar.	Apr.	May.	June.	July.	Aug.	Sep.	Oct.	Nov.	Dec.	Total in Year.
Black	100.	45.	41.	35.	99.	96.	40.	39.	42.	60.	58.	27.	682.
Brown	39.	22.	13.	16.	25.	23.	13.	18.	22.	25.	13.	11.	240.
Species not recorded	----- Nil -----												
Examined	6.				2.				2.			2.	
Infected with plague	----- Nil -----												
Total :-													922.

TABLE F.

(2) In docks, quays, wharves, and warehouses.

Number of Rats.	Jan.	Feb.	Mar.	Apr.	May.	June.	July.	Aug.	Sep.	Oct.	Nov.	Dec.	Total in Year.
Black	50.	45.	89.	64.	100.	80.	108.	58.	121.	36.	148.	89.	988.
Brown	200.	300.	290.	360.	510.	474.	300.	290.	400.	370.	350.	200.	4044.
Species not recorded	----- Nil -----												
Examined						2.					2	2.	
Infected with plague	----- Nil -----												
Total :-													5032.

Rats examined for Plague or other diseases :-

6 black Rats and 12 brown Rats were sent for examination and examined macroscopically.

The report from the Analyst is as follows :-

These Rats have been examined and found to be free from B. Pestis, or other diseases.

As previously described in

Annual Report for 1934.

Rats destroyed during the Year.

TABLE VI.

(1) On Vessels.

Number of Rats.	Jan.	Feb.	Mar.	Apr.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Year.
Black	100	45	41	35	39	36	40	39	42	60	58	37	682
Brown	39	22	13	18	28	23	13	13	22	23	13	11	249
Not recorded													
Examined	2				2				2				2
Infected with plague													
Total	139	67	54	53	67	59	53	61	64	83	71	48	931

TABLE VII.

(2) In Docks, Wharves, and Warehouses.

Number of Rats.	Jan.	Feb.	Mar.	Apr.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Year.
Black	50	45	32	24	100	60	108	83	121	36	143	87	783
Brown	200	300	299	360	370	444	300	280	400	370	320	100	4064
Not recorded													
Examined					2				2				2
Infected with plague													
Total	250	345	331	364	470	444	408	383	521	496	463	187	4847

Rats examined for plague or other diseases :-

6 black rats and 12 brown rats were sent for examination and

examined microscopically.

The report from the Analyst is as follows :-

These rats have been examined and found to be free from E. Pestis,

or other diseases.

TABLE G.

Measures of Rat Destruction on Plague "infected" or "suspected" Vessel or Vessels from plague infested ports arriving in the Port during the year.

Nil

TABLE H.

Deratisation Certificates and Deratisation Exemption Certificates issued during the year.

Ships up to 300 tons	Net Tonnage. 1.	No of Ships. 2.	No of Deratisation Certificates issued.				No of Derat- isation Exemption Certificates issued.	Total Certificates issued.
			After fumigation with		After trapping Poisoning etc. 6	Total. 7.		
			H.C.N. 3.	Sulphur. 4.					H.C.N. & Sulphur. 5.
from 301 tons to 1000 tons.		13.					13.	13.
from 1001 " 3000 "		40.					40.	40.
from 3001 " 10,000 "		8.					8.	8.
over 10,000 tons.		2.					2.	2.
Totals :-		63.					63.	63.

VI. HYGIENE OF CREWS 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 conditions prejudicial to health.
British.	2076.	Nil.	201.	422.
Other Nations.	422.	Nil.	62.	23.

On nearly all Fishing Vessels the forecastles are used for the storing of surplus deck gear.

VII. FOOD INSPECTION.

- (1) No action was taken with reference to the above.
- (2) There are no shell-fish beds in the area of the Port Sanitary Authority.
- (3) Number of samples of food examined by :-

(a) Bacteriologist. Nil.

(b) Analyst.

<u>Nature of Sample.</u>	<u>Result of Examination.</u>
1.	2.
1. Vegetable Salad.	Free from Preservatives.
2. do do	do do do
3. Grease.	Composed mainly of vegetable fats. Free from Preservatives.

TABLE 1.

Investigation of Diseases.

Nationality	Inspected	History of	Diseases	Other conditions
of	during the	original	through wear	prejudicial
Vessel.	year.	contamination, and year.		to health.
British.	2076.	W.I.	Sol.	422.
Other Nations.	422.	W.I.	Sol.	23.

On nearly all fishing vessels the forecabin are used for the storing of surplus deck gear.

VII. FOOD INSPECTION.

- (1) No action was taken with reference to the above.
- (2) There are no shell-fish beds in the area of the Port Sanitary Authority.
- (3) Number of samples of food examined by :-

Nature of Sample.	Result of Examination.
1. Vegetable Salad.	Free from Preservation.
2. do do	do do
3. Groceries.	Composed mainly of vegetable fats.
	Free from Preservation.