



ST. CHRISTOPHER AND NEVIS

CHAPTER 9.23

QUARANTINE ACT and Subsidiary Legislation

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QUARANTINE ACT

Act 25 of 1944 ... in force 26th July 1946
Amended by: Act 6 of 1976
Act 7 of 1976
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CHAPTER 9.23

QUARANTINE ACT

AN ACT TO MAKE PROVISION FOR THE IMPOSITION OF QUARANTINE MEASURES IN ORDER TO PROTECT PUBLIC HEALTH, AND IN THAT CONNECTION TO ESTABLISH A QUARANTINE AUTHORITY; AND TO PROVIDE FOR RELATED OR INCIDENTAL MATTERS.

Short title.

1. This Act may be cited as the Quarantine Act.

Interpretation.

2. (1) In this Act—

“aerodrome” includes both land and water aerodromes;

“aircraft” includes any machine which can derive support in the atmosphere from the reactions of the air and is intended for aerial navigation;

“commander” includes any person for the time being in charge or command of an aircraft;

“master” includes any person for the time being in charge or command of a ship;

“Minister” means the Minister responsible for health;
(Inserted by Act 6 of 1976)

“port” includes any place at which ships arrive or from which they depart;

“ship” includes a vessel or boat.

(2) References hereinafter made to “this Act” shall be deemed to include a reference to any regulations, rules or orders in force by virtue thereof.

Establishment of Quarantine Authority and appointment of staff.

3. (1) For the purposes of this Act, there shall be a Quarantine Authority in the State.

- (2) The Quarantine Authority in the State shall be the Chief Medical Officer.
(Amended by Act 6 of 1976)

(3) The Governor-General may, acting in accordance with the recommendation of the Public Service Commission, appoint Health Officers, Visiting Officers, quarantine guards and such other employees and servants as may be necessary for the purposes of this Act.

(4) Health Officers and Visiting Officers shall, in the exercise of their powers and the performance of their duties under this Act, act under the general or special direction and control of the Quarantine Authority.

Regulations.

4. (1) The Minister may make regulations, with respect to the State, including the ports and coastal waters thereof, for preventing—
 - (a) danger to public health from ships or aircraft, or persons or things therein, arriving at any place; and

- (b) the spread of infection, by means of any ship or aircraft about to leave any place, or by means of any person or thing about to leave any place in any ship or aircraft.

(2) Without prejudice to the generality of the powers conferred by subsection (1), regulations made under that subsection may, for the purposes therein set forth, make provision for all or any of the following matters—

- (a) the collection and transmission of epidemiological and sanitary information;
- (b) the signals to be displayed by ships or aircraft;
- (c) the questions to be answered and information (whether oral or documentary) to be supplied by masters, commanders and other persons who are or have been on board any ship or aircraft or are desirous of boarding any ship or aircraft;
- (d) the detention of ships or aircraft and of persons who and things which are or have been on board them;
- (e) the destruction of things which are or have been on board ships or aircraft;
- (f) the duties to be performed by masters, commanders and other persons who are or have been on board ships or aircraft or who are desirous of boarding any ship or aircraft;
- (g) authorising the making of charges and providing for the recovery of charges and expenses;
- (h) the enforcement of the regulations;
- (i) the conferring on appropriate officers of powers to board ships and aircraft and to enter premises.

(3) Regulations made under subsection (1) shall be laid before the National Assembly if it is then sitting or, if it is not then sitting, at the next sitting of the National Assembly, and if a resolution is passed by the National Assembly at such sitting that the regulations or any of them shall be annulled the same shall thenceforth be void but without prejudice to the validity of any thing previously done thereunder or to the making of any new regulations.

(4) The regulations contained in the First and Second Schedules shall be deemed to have been made and laid before the National Assembly under the provisions of this section.

Power to make rules.

5. (1) The Quarantine Authority may, with the approval of the Minister, make rules for implementing or carrying into effect any regulations in force by virtue of section 4 and for supplementing any such regulations as regards any matters for which the Quarantine Authority may deem it expedient to provide with a view to carrying into effect the purposes set forth in subsection (1) of that section.

(Amended by Act 6 of 1976)

(2) Without prejudice to the generality of the powers conferred by subsection (1), rules under that subsection may, for the purposes therein set forth, make provision for all or any of the following matters—

- (a) regulating the grant or withdrawal of pratique;

- (b) regulating the issue of bills of health, certificates, and other documents;
- (c) the governance of quarantine mooring stations, anchorages and berthing places, and of places where persons or things are detained or taken for examination and of places used for the observation or isolation of persons;
- (d) the sanitation of ports and aerodromes and their surroundings, including measures for keeping them free from rodents, mosquitoes and other vectors of disease;
- (e) fixing the charges sanctioned by regulations in force by virtue of section 4 and providing for their incidence.

(3) The power to make rules under this section shall be without prejudice to any power to make regulations under section 4:

Provided that rules shall not have any force or effect if and to the extent that they are at any time inconsistent with any regulations in force by virtue of section 4.

(Subsection 4 deleted by Act 6 of 1976)

Power to make orders in emergency.

6. (1) When, in the opinion of the Quarantine Authority, an emergency exists, the Quarantine Authority may, by order, direct special measures to be taken during the continuance of that emergency for any of the purposes specified in sections 4 and 5, and any such order shall have effect notwithstanding anything to the contrary in any regulations or rules in force by virtue of those sections.

(2) An order made under subsection (1) may be varied or rescinded by order of the Minister.

(Amended by Act 6 of 1976)

Offences and penalties.

7. (1) Any person who—

- (a) refuses to answer or knowingly gives an untrue answer to any inquiry made under the authority of this Act, or intentionally withholds any information reasonably required of him or her by any officer or other person acting under the authority of this Act, or knowingly furnishes to any such officer or other person any information which is false;
- (b) refuses or wilfully omits to do any act which he or she is required to do by this Act, or refuses or wilfully omits to carry out any lawful order, instruction or condition made, given or imposed by any officer or other person acting under the authority of this Act; or
- (c) assaults, resists, wilfully obstructs, or intimidates any officer or other person acting under the authority of this Act, or offers or gives a bribe to any officer or person in connection with his or her powers or duties under this Act, or being such officer or person, demands, solicits or takes a bribe in connection with his or her powers or duties under this Act, or otherwise obstructs the execution of this Act,

commits an offence and shall be liable, on summary conviction, to a fine not exceeding five thousand five hundred dollars or to a term of imprisonment not exceeding six months or to both such fine and imprisonment.

(2) Any person who is guilty of any other offence against this Act shall be liable, on summary conviction, to a fine not exceeding five thousand five hundred dollars or to a term of imprisonment not exceeding six months or to both such fine and imprisonment.

(Amended by Acts 7 of 1976 and 9 of 1986)

Rewards to informers.

8. The Minister may direct that any part of any fine recovered in respect of any offence against this Act shall be paid to any person who has given information leading to the conviction of the offender.

Expenses and charges.

9. (1) The expenses of the administration of this Act shall be defrayed out of the general revenue of the State.

(2) All expenses and charges payable to the Quarantine Authority under this Act may be sued for and recovered by him or her by any Health Officer before any court of competent jurisdiction, and a certificate purporting to be under the hand of the Quarantine Authority to the effect that the expenses or charges sued for are due and payable shall be received in evidence and shall be sufficient evidence of the facts therein stated, unless the contrary be shown.

(3) Any sum received or recovered by the Quarantine Authority in payment of expenses or charges payable to him or her under this Act shall be forthwith paid by him or her into the general revenue of the State.

Duty and power of the Police.

10. (1) It shall be the duty of every member of the police force to enforce (using force if necessary) compliance with this Act and with any order, instruction or condition lawfully made, given or imposed by any officer or other person under the authority of this Act; and for such purpose any member of the police force may board any ship or aircraft and may enter any premises without a warrant.

(2) Any member of the police force may arrest without a warrant any person whom he or she has reasonable cause to believe to have committed any offence against this Act.

(3) In this section, the expression "member of the police force" includes a member of any police organization constituted by law who has the general powers of a member of the police force.

SCHEDULE 1

(Section 4)

QUARANTINE (MARITIME) REGULATIONS

PART I

INTRODUCTORY

Short title.

1. These Regulations may be cited as the Quarantine (Maritime) Regulations.

Interpretation.

2. In these Regulations—

“Act” means the Quarantine Act;

“Aedes” means *Aedes aegypti* and any potential mosquito vectors of yellow fever;

“approved port” means a port or place in which a Health Officer is authorised by the Minister to grant deratisation certificates and deratisation exemption certificates;

“authorised officer” means a person authorised to act as such in the case in question by virtue of an order made under regulation 3;

“Convention” means the International Sanitary Convention signed at Paris on the 21st of June, 1926 (and any amendments thereto), of which relevant extracts are set forth in the Appendix hereto;

“crew” includes any person having duties on board the ship in connection with the voyage thereof or employed in any way in the service of the ship, the passengers or the cargo;

“day” means an interval of twenty-four hours;

“deratisation certificate” and “deratisation exemption certificate” mean respectively a deratisation certificate or a deratisation exemption certificate issued under regulations 27 and 28 or otherwise issued in conformity with Article 28 of the Convention;

“foreign port” means a port or place situated elsewhere than in the State;

“Health Officer” means the appropriate officer appointed as such under section 3 of the Act, and includes a medical practitioner acting under the direction of the Quarantine Authority or a Health Officer for the purpose of executing these regulations or any of them;

“immune”, in relation to yellow fever, means that the person in question produces a certificate to the satisfaction of the Health Officer issued by a medical officer or institution recognised by the Quarantine Authority—

- (a) to the effect that the bearer has been inoculated for the first time more than ten days and less than four years previously;
- (b) to the effect that he or she has been reinoculated within the past four years; or
- (c) to the effect that he or she has recovered from an attack of yellow fever and that his or her blood contains immune bodies against yellow

fever as proved by a test carried out by an institution regularly carrying out biological tests for yellow fever;

“infected area”, “infected port”, “infected place” and “infected local area” mean a local area in which the Health Officer has reason to believe that—

- (a) a first case of plague recognised as non-imported has occurred or in which rodent plague exists or has existed during the previous six months;
- (b) cholera has formed a foyer, that is to say, that the occurrence of new cases beyond the immediate surroundings of the first case proves that the spread of the disease has not been limited to the place where it began;
- (c) a first case of yellow fever recognised as non-imported has occurred; or
- (d) typhus or smallpox exists in epidemic form, that is to say, that the occurrence of new cases indicates that the spread of the disease is not under control,

and includes a port or sea-board which serves an infected local area;

“infectious disease” means any epidemic or acute infectious disease, and includes open pulmonary tuberculosis but does not include venereal disease;

“isolation” means the removal to a hospital or other suitable place approved by the Health Officer of a person suffering or suspected to be suffering from an infectious disease, and his or her detention therein, until, in the opinion of the Health Officer—

- (a) he or she is free from infection; or
- (b) if not so free, he or she may be discharged without undue danger to public health;

“local area” means a well defined area such as a province, district, island, town or quarter of a town, port or village, whatever may be its extent or population;

“master”, “port” and “ship” have the meanings assigned to them in section 2 of the Act;

“observation” means the detention under medical supervision of persons in such places and for such periods as may be directed by a Health Officer;

“passenger” means any person, other than a member of the crew, carried in a ship;

“period of incubation” for the purpose of these regulations shall be deemed to be—

- (a) for plague 6 days
- (b) for cholera 5 days
- (c) for yellow fever 6 days
- (d) for typhus 12 days
- (e) for smallpox 14 days

“Quarantine Authority” means the Quarantine Authority established by section 3 of the Act;

“specified infectious disease” means plague, cholera, yellow fever, typhus and smallpox;

“suitably equipped port”, in relation to any disease, means a port recognised by the Quarantine Authority as possessing the necessary organisation and equipment for dealing with that disease;

“surveillance” means that persons are not detained, that they may move about freely, but that they are required to report for medical examination at such intervals and during such period and to such persons as may be directed by a Health Officer;

“valid” in relation to a deratisation certificate or deratisation exemption certificate means issued within the last preceding six months, or, where the ship in respect of which the certificate is issued is proceeding to its home port, the last preceding seven months;

“Visiting Officer” means the appropriate officer appointed as such under section 3 of the Act or a person authorised to act as such in the case in question by virtue of an order made under regulation 3, and includes a Health Officer where the context so permits.

Officers.

3. (1) The Quarantine Authority may, by order, authorise any officer or person or any member of a class of officers or persons to act as a Visiting Officer or as an authorised officer for the purposes of these regulations or for some specified purpose of these regulations.

(2) Every such officer or person shall exercise his or her powers and perform his or her duties subject to the general or special direction and control of the Quarantine Authority and the Health Officer.

PART II

SHIPS ARRIVING FROM FOREIGN PORTS

Declarations of health.

4. The master of a ship approaching the State from a foreign port shall ascertain the state of health of all persons on board and shall prepare and sign a declaration of health in the form set out in Schedule 1 hereto, and if a ship’s surgeon is carried on board, he or she shall countersign the declaration.

Radio pratique.

5. (1) The master of any ship approved by the Quarantine Authority as eligible for radio pratique may apply for the same by sending to the Visiting Officer not more than twelve and not less than four hours before the expected arrival of the ship at a port of the State a wireless message embodying such of the items of information set out in Schedule 2 hereto as are applicable.

(2) Every message referred to in sub-regulation (1) shall, except in cases in which the Quarantine Authority otherwise directs, conform with the section relating to routine quarantine messages of the 1931 International Code of Signals.

(3) The Visiting Officer may grant radio pratique to the ship if he or she is satisfied from the wireless message referred to in this regulation and other information (if any) in his or her possession that no person on board the ship has

symptoms which may be indicative of infectious disease and that there are no circumstances in relation to the ship requiring medical attention.

(4) The Visiting Officer (if he or she is not the Health Officer) shall, on receiving information in the wireless message or otherwise, that a person on board the ship has symptoms which may be indicative of infectious disease or that there are circumstances in relation to the ship requiring medical attention, forthwith inform the Health Officer.

(5) When a ship has been granted radio pratique, the master shall, immediately on arrival at a port of the State, deliver or cause to be delivered to the Health Officer the relevant declaration of health, the ship's bill of health (if any) and the ship's deratisation certificate or deratisation exemption certificate (if any), and a bill of health, deratisation certificate or deratisation exemption certificate shall be returned after inspection.

Flags and signals.

6. The master of a ship coming from a foreign port shall comply with the provisions as to flags and signal lights contained in Schedule 3 to these regulations.

Ships not granted radio pratique to be visited.

7. (1) Every ship arriving at the State from a foreign port, if radio pratique has not been granted, shall be visited on arrival by the Visiting Officer and the master shall thereupon surrender to the Visiting Officer the declaration of health and present to him or her for inspection any other ship's papers which the Visiting Officer may desire to inspect.

(2) The Visiting Officer is hereby authorised to put to the master and to the ship's surgeon (if any) and to any person on board the ship all such questions as he or she may deem advisable for the execution of these regulations.

Restrictions on boarding or leaving ships coming from foreign ports.

8. (1) No person, other than a pilot or a person acting in execution of these regulations, shall, without the general or special permission of the Health Officer, board or leave a ship coming from a foreign port before the same has been granted pratique, and the master shall cause all reasonable steps to be taken to enforce this provision.

(2) Before any person, other than a pilot or a person acting in the execution of these regulations, leaves a ship arriving at the State from a foreign port, he or she shall furnish all such information as may reasonably be required by the Visiting Officer or by an authorised officer, including information as to his or her name, state of health and origin, and information as to places recently visited and his or her destination and his or her address there and shall, if so required by the Health Officer or an authorised officer, complete and sign a certificate of origin and destination in a form from time to time approved by the Quarantine Authority.

Granting of pratique by Visiting Officer.

9. (1) A Visiting Officer may grant pratique to a ship on visiting it if he or she is satisfied from the declaration of health and otherwise that during the voyage, or if the voyage has lasted longer than six weeks, during the six weeks immediately preceding arrival—

- (a) there has been no death or case of illness on board suspected to be due to infectious disease;
 - (b) there has been no plague or undue mortality among rats or mice on board;
 - (c) the ship has not called at an infected port; and
 - (d) the ship was not overcrowded or in an insanitary condition.
- (2) If the Visiting Officer is not a Health Officer and is not so satisfied—
- (a) he or she may refuse pratique and thereupon the ship shall be deemed to be in quarantine and the Visiting Officer shall immediately inform the Health Officer of such refusal;
 - (b) the Health Officer shall forthwith visit the ship and thereupon regulation 7 shall apply as though the ship has not been previously visited.
- (3) If the Visiting Officer is a Health Officer, then even if he or she is not so satisfied, he or she shall grant pratique if he or she is of opinion that none of the measures for which provision is made in these regulations, other than those relating to persons or things disembarked, require to be taken or that all such measures as are appropriate have been duly taken, and if he or she is not of that opinion he or she may refuse pratique and thereupon the ship shall be deemed to be in quarantine.

Offences.

10. The master of a ship, ship's surgeon, or other person, as the case may be who contravenes or fails to comply with the provisions of regulations 4, 5 (4), 6, 7 or 8 commits an offence against these regulations.

PART III

PROVISIONS AS TO SHIPS IN QUARANTINE

Detention of ships.

11. A Visiting Officer may give such directions as he or she may deem expedient to the master of a ship in quarantine for securing the detention of the ship pending the granting of pratique, including directions (if he or she thinks fit) to take the ship to a specified mooring station, anchorage or berthing place generally or specially approved by the Harbour Master (or other appropriate authority) for the use of ships in quarantine.

Quarantine guards.

12. A Visiting Officer may place on board any ship in quarantine such quarantine guards as he or she may think necessary.

Specified infectious diseases.

13. In relation to specified infectious diseases, the measures which may be taken and the circumstances in which they may be taken shall be such as are specified in Articles 24 to 27 (both inclusive) and Articles 29 to 42 (both inclusive) of the Convention, and for that purpose these regulations shall have effect as though those Articles were part of these regulations:

Provided that references in those Articles to the port sanitary authority or the port authorities or the sanitary authority of the port or the Government, and so forth, shall be construed as though they were references to the Quarantine Authority, the Health Officers or an authorised officer.

Other infectious diseases.

14. (1) When any infectious disease other than a specified infectious disease has occurred on board a ship during the six weeks immediately preceding its arrival at a port of the State, the Health Officer may require all or any of the measures specified in sub-regulation (2) of this regulation to be taken.

(2) Such measures may include—

- (a) medical inspection of the crew and passengers;
- (b) isolation of the sick either on board or on shore;
- (c) surveillance of the crew and passengers, who have been exposed to infection, for fourteen days or the period of incubation of the disease (whichever is the shorter period) from the last day of possible exposure to infection;
- (d) disinfection of clothing and other articles and of the parts of the ship which the Health Officer may consider infected;
- (e) examination of food and water if considered sources of infection and the application of appropriate measures;
- (f) destruction of animals, birds and insects which may be considered as potential vectors of the disease.

PART IV

PROVISIONS AS TO SHIPS DEPARTING

General power to examine persons embarking.

15. The Health Officer may examine any person intending to embark in a ship whom he or she suspects to be suffering from an infectious disease and if, after examination, he or she is of opinion that the person shows symptoms of any infectious disease he or she may prohibit his or her embarkation.

Infected areas in the State.

16. When any area of the State is an infected area, the Health Officer shall cause to be taken measures—

- (a) to secure the medical examination of all persons about to leave that area by sea so as to prevent the embarkation of persons showing symptoms of any specified infectious disease and of persons in such relations with the sick as to render them liable to transmit the disease;
- (b) in the case of plague, to prevent rats gaining access to the ship, and, where indicated, to secure the destruction of rats and mice on board;
- (c) in the case of cholera, to ensure that drinking water and foodstuffs taken on board are wholesome, and that water taken in as ballast is disinfected, if necessary;

- (d) in the case of yellow fever, to prevent mosquitoes gaining access to ships;
- (e) in the case of typhus, to secure the delousing before embarkation of all persons suspected of being infested with lice;
- (f) in the case of smallpox, to disinfect old clothes and rags before they are packed or baled and to ensure that persons from the infected area are protected against the disease before embarkation;
- (g) if the Health Officer thinks fit, to secure the examination of any clothing, bedding or other article of personal use which belongs to or is in use or is intended for use by the crew or any person who proposes to embark or is on board and which, in the opinion of the Health Officer or an authorised officer may have been exposed to infection, and to secure the disinfection or destruction of any such clothing, bedding or other article of personal use;
- (h) if the Health Officer thinks fit, to secure the disinfection to the satisfaction of the Health Officer or an authorised officer of any parts of the ship which, in the opinion of the Health Officer or authorised officer, may be infected.

Offences.

17. (1) A person who—

- (a) knowing or having reason to suspect that he or she is suffering from an infectious disease embarks in or is conveyed in a ship leaving the State without the permission of the Health Officer; or
- (b) embarks on a ship about to leave an infected area of the State without submitting himself or herself for examination by the Health Officer, or exports or takes on board any such ship any merchandise, stores, baggage, personal effects or other articles from such area without submitting them for examination, and, if required, disinsectisation and disinfection by the Health Officer or an authorised officer, or does any of such things contrary to any prohibition or restriction which the Health Officer may impose with a view to preventing the spread of infection,⁷

commits an offence against these regulations.

(2) A master of a ship, ship owner or ship's agent, who knowingly conveys or permits the conveyance in a ship from an infected area of the State of any person or thing contrary to any prohibition or restriction imposed by or under regulations 15 or 16, commits an offence against these regulations.

Bills of Health.

18. A Health Officer or an authorised officer shall issue free of charge on request to any ship immediately prior to its departure from the State a bill of health in the form set out in Schedule 4, and when the ship is about to depart from an infected area, particulars of the disease shall be entered in the bill of health.

PART V

MISCELLANEOUS PROVISIONS AS TO SHIPS ARRIVING AND IN PORT

General power to inspect ships, etc.

19. A Health Officer or an authorised officer shall be entitled at any time to visit and inspect any ship arriving at or lying in any port of the State (whether or not the ship has come from a foreign port) and—

- (a) in any circumstances which would justify the refusal of pratique under these regulations in the case of ships arriving from foreign ports, direct that the ship shall be deemed to be in quarantine for the purposes of all, or any of these regulations;
- (b) direct that any such action shall be taken as would be appropriate under these regulations, in the like circumstances in the case of ships arriving from foreign ports.

Power to send ship to another port.

20. If a Health Officer is of opinion that the port of the State at which a ship arrives is not suitably equipped to deal with it for the purposes of these regulations, he or she may order the master of the ship to take the ship to any other port of the State which is suitably equipped.

General powers.

21. (1) A Health Officer may, in relation to any ship arriving at or lying in any port of the State (whether the ship has come from a foreign port or otherwise)—

- (a) medically inspect the crew and passengers;
- (b) detain any such persons for medical examination;
- (c) prohibit any such persons from leaving the ship save upon such specified conditions as appear to the Health Officer to be reasonably necessary to prevent the spread of infection;
- (d) require the master to take or assist in taking such steps as, in the opinion of the Health Officer, are reasonably necessary for preventing the spread of infection by any such person, for the destruction of vermin, and for the removal of conditions in the ship likely to convey infection, including conditions the existence of which might facilitate the harbouring of vermin.

Duties of master.

22. Without prejudice to any other provisions of these regulations, it shall be the duty of the master of every ship which is in any port of the State forthwith to notify a Visiting Officer (whether the information is requested or not) of any case or suspected case of infectious disease in the ship and of any circumstances on board which are likely to lead to infection or the spread of infectious disease including in his or her notification particulars as to the sanitary condition of the ship and the presence of dead rats or mice or mortality or sickness among rats or mice in the ship; and any master of a ship who contravenes or fails to comply with these requirements commits an offence against these regulations.

Repetition of sanitary measures not necessary.

23. A ship which, before arriving at a port of the State, has already been subjected to sanitary measures to the satisfaction of the Health Officer of that port, shall not again be subjected to such measures unless some new incident has occurred which so requires.

Saving in the case of ships continuing voyage.

24. The master of a ship at or approaching a port of the State who does not desire to submit to any requirements of these regulations which may be applicable shall be at liberty to put to sea without being subjected to control under these regulations if he or she notifies the Health Officer of his or her intention:

Provided that if he or she desires to land goods, to disembark passengers or to take on fuel, foodstuffs or water, the Health Officer may grant him or her permission so to do subject to such conditions, in conformity with the provisions of these regulations, as the Health Officer thinks fit; and the master shall proceed accordingly and put to sea with due despatch, and if he or she fails to do so he or she commits an offence against these regulations.

Powers as to persons who unlawfully board or leave ships.

25. (1) A person who leaves any ship contrary to the provisions of these regulations may, without prejudice to any other liability, be apprehended by a Visiting Officer, authorised officer, quarantine guard or member of any police force constituted by law in the State and compelled to return to the ship and, if he or she is not a passenger or member of the crew, may be dealt with as a passenger.

(2) A person who boards a ship contrary to any of the provisions of these regulations may, if he or she is not a passenger or member of the crew, be dealt with as a passenger.

Persons suffering from infectious diseases not to land.

26. A person on board a ship at a port of the State who knows or has reason to suspect that he or she is suffering from an infectious disease shall in no case land without the permission of the Health Officer, and any person who contravenes this provision commits an offence against these regulations.

PART VI

DERATISATION OF SHIPS

Deratisation.

27. (1) On the arrival of a ship from a foreign port at an approved port, the Visiting Officer shall call for the deratisation certificate or deratisation exemption certificate, and if such certificate is not forthcoming or is no longer valid he or she shall inform a Health Officer accordingly.

(2) The Health Officer shall then arrange for the ship to be inspected to ascertain whether it is maintained in such a condition that the number of rats on board is kept down to the minimum, and if he or she is so satisfied, he or she shall sign and issue a deratisation exemption certificate.

(3) If, after the ship has been inspected, the Health Officer is of the opinion that it is not maintained in such a condition that the number of rats on board is kept down to the minimum, he or she shall order the ship to be deratised in a manner to be specified or approved by him or her, and the master shall forthwith make arrangements for the deratisation of the ship to be carried out to the satisfaction of the Health Officer, and after the deratisation has been completed to his or her satisfaction, the Health Officer shall sign and issue a deratisation certificate.

(4) When, in the opinion of the Health Officer, it is not possible to efficiently carry out deratisation of the ship, because of its cargo or for other reasons, he or she may cause the ship to work in quarantine and he or she shall endorse the time-expired deratisation or deratisation exemption certificate (if there is one) and make an entry in the bill of health to be issued to the ship before it leaves port, to the effect that the ship was inspected and found rat infested but that it was impracticable to carry out deratisation.

Ships arriving with deratisation certificates.

28. (1) A ship arriving from a foreign port and carrying a valid deratisation certificate or deratisation exemption certificate, whether or not it has been granted pratique on arrival, may nevertheless be inspected by or on behalf of a Health Officer, should the Health Officer consider such inspection justified to determine the extent of rat infestation.

(2) In exceptional cases and for well-founded reasons, which shall be communicated in writing to the master of the ship and to the Quarantine Authority, the Health Officer may, if the port is an approved port, order the ship to be deratised, notwithstanding anything to the contrary in regulations 23 and 31 of these regulations, and, when deratisation has been completed to his or her satisfaction, he or she shall issue a deratisation certificate.

Form of certificates.

29. Deratisation certificates and deratisation exemption certificates shall be in the form prescribed in Schedule 5 to these regulations.

Where ship harbours rats but deratisation not possible.

30. When it is intended to take a ship, which is not infected or suspected, alongside a jetty or quay and a Health Officer has reason to believe that the ship harbours rats, he or she may, when it is not possible or desirable to undertake deratisation of the ship, order that it be fended off or moored away from the jetty or quay, to a distance of at least six feet, that all ropes and hawsers between the ship and the shore are fitted with efficient rat-guards, that between dusk and dawn gangways are drawn up or brilliantly lighted, and that cargo is unloaded in such a manner as to prevent rats gaining access to the shore.

General deratisation measures.

31. (1) Whenever a ship is at a port of the State, whether an approved port or not, and a Health Officer has reason to believe that the number of rats on board is not kept down to a minimum, he or she may require the owner, master or ship's agent to take such steps, under the direction and to the satisfaction of the Health Officer, as are practicable, in the opinion of the Health Officer, to secure complete or partial deratisation:

Provided that this regulation shall not apply to ships which are in possession of valid deratisation certificates or valid deratisation exemption certificates.

(2) Without prejudice to the provisions of sub-regulation (1), masters or owners of coastal vessels and harbour lighters may be required by the Quarantine Authority to deratise them in such manner and at such intervals as the Quarantine Authority may direct, and if any requirement under this sub-regulation is not complied with, the master and owner commits an offence against these regulations.

PART VII

MERCHANDISE AND BAGGAGE

Merchandise, etc. not to be put on ship in quarantine without permission.

32. Without the general or special permission of a Health Officer, but subject to the provisions of regulation 33, no merchandise, stores, baggage, personal effects or other articles shall be taken off or put on board a ship which has not been granted pratique, and any person who contravenes this provision commits an offence against these regulations.

Entry of merchandise and baggage to be permitted subject to certain measures.

33. The entry of merchandise and baggage arriving at a suitably equipped port of the State, shall in all cases be permitted, but the following measures may be applied where, in the opinion of a Health Officer, there is danger of infection from a specified infectious disease—

- (a) in the case of plague, disinsectisation or disinfection of recently used bedding and clothing and prohibition of the unloading of merchandise from an infected area which is likely to harbour rats or fleas unless adequate precautions to prevent the escape of rats and fleas and to ensure their destruction are taken;
- (b) in the case of cholera, disinfection of recently used bedding and clothing and prohibition of the importation of fresh fish, shellfish and vegetables;
- (c) in the case of typhus, disinsectisation of recently used bedding and clothing and of rags not carried as merchandise in bulk;
- (d) in the case of smallpox, disinfection of recently used bedding and clothing and of rags not carried as merchandise in bulk.

Destruction of clothes, etc. likely to carry infections.

34. A Health Officer or an authorised officer may order clothes and other articles of small value (including rags not carried as merchandise in bulk) which he or she considers likely to convey a specified infectious disease to be destroyed.

Saving of mails.

35. Nothing in these regulations shall render liable to detention, disinfection or destruction or shall affect any article forming part of any mail (other than parcel mail) conveyed under the authority of the postal administration of the State or of any other Government.

Certificates.

36. When merchandise, stores, baggage, personal effects or other articles have been subjected to any measures prescribed in this Part of these regulations, a Health Officer or an authorised officer shall issue free of charge, on request by the shipowner, master or ship's agent, a certificate setting out the measures taken and the reasons therefor.

PART VIII

OBSERVATION AND SURVEILLANCE

Places for observation and isolation of persons.

37. When any place is in use for observation or isolation purposes, no person shall enter or leave the place and no article shall be taken to or removed from the place except with the general or special permission of the Quarantine Authority or a Health Officer or otherwise than on such conditions as the Quarantine Authority or the Health Officer may generally or specially impose.

Power of Health Officer to order isolation or observation or surveillance.

38. (1) Without prejudice to any other powers conferred by these regulations, any person, within fourteen days after his or her arrival in the State, who, in the opinion of a Health Officer—

- (a) is suffering from or suspected to be suffering from a specified infectious disease, shall be placed in isolation;
- (b) is suffering from an infectious disease, other than a specified infectious disease, shall be liable to be placed in isolation at the discretion of the Health Officer;
- (c) has been exposed to the risk of infection by any specified infectious disease, may, at the discretion of the Health Officer, be placed under observation or surveillance during the remainder of the period of incubation; or
- (d) has been exposed to risk of infection by any infectious disease, other than a specified infectious disease, may, at the discretion of the Health Officer, be placed under surveillance as provided in regulation 14.

(2) When any person arriving in the State has, in the opinion of the Health Officer, been exposed to infection from yellow fever within the previous six days, then, unless the Health Officer otherwise directs or such person is immune from the disease, the Health Officer shall order him or her to be kept under observation under Aedes-free conditions for six days or the remainder of the six days, from the last day on which he or she was exposed to the infection.

(3) An inoculated person who is not yet regarded as immune shall be kept under observation for a period not exceeding six days from the last day of possible exposure to infection.

Duties of persons under observation or surveillance.

39. (1) Any person placed under observation or surveillance shall—

- (a) furnish all such information as may reasonably be required to a Health Officer or other authorised officer and shall comply with the orders and instructions of such Health Officer or authorised officer;
- (b) undergo such medical inspections and examinations (including bacteriological examinations) as the Health Officer may require and submit himself or herself and his or her personal effects or other articles to disinfection and other measures as the Health Officer may order.

(2) Any person placed under surveillance, who is so required by the Health Officer, shall deposit in the hands of the Health Officer a sum fixed by such Officer (not exceeding nine dollars and sixty cents) for which a receipt shall be given by the Health Officer.

(3) The deposit shall be declared forfeited (without prejudice to any other liability) by the Quarantine Authority if the person under surveillance neglects to comply with the conditions of surveillance during the period thereof, and at the end of such period the deposit, if not forfeited, shall be refunded by the Health Officer on delivery of the receipt given by him or her.

(4) Any sum forfeited under this regulation shall be forthwith paid into the general revenue of the State.

(5) A person who is in charge of a child or other person under disability shall be responsible for the compliance of such child or person with the requirements and provisions of this regulation.

Isolation of persons under observation or surveillance.

40. A person who is under observation or surveillance who shows symptoms of an infectious disease may, if a Health Officer so orders, be placed in isolation.

Surveillance replaced by observation.

41. In cases where surveillance is imposed under these regulations it may be replaced by observation in any of the following circumstances—

- (a) when it is impossible to exercise surveillance with adequate efficiency;
- (b) if the risk of the introduction of infection into the State is deemed exceptionally serious;
- (c) if a Health Officer is satisfied that the person who has been or should be subjected to surveillance has not complied or is not likely to comply with the conditions of surveillance.

Failure of person under surveillance to report for medical inspection.

42. (1) A person under surveillance who, on account of illness, is unable to report for medical inspection shall immediately cause a Health Officer responsible for his or her surveillance to be informed of his or her illness and its nature and the Health Officer shall forthwith take steps to determine whether or not such person is suffering from an infectious disease.

(2) When a person under surveillance fails to report for medical inspection on the appointed day, the Health Officer responsible for his surveillance shall forthwith cause search to be made for him or her, and if his or her failure to report for medical inspection is due to illness, the Health Officer shall immediately visit him or her.

(3) A person under surveillance who intends to proceed to an address other than that originally given by him or her shall immediately notify the Health Officer responsible for his or her surveillance of the new address.

Change of place during surveillance.

43. A Health Officer responsible for the surveillance of a person who is about to proceed to some other place before the period of surveillance has ended shall inform the health authorities of the place to which such person is proceeding of his or her impending arrival and address there, and of the period of surveillance still uncompleted, and shall also instruct the person under surveillance as to whom he or she shall report for medical inspection when he or she arrives at such other place.

Release from observation.

44. As soon as a person placed under observation has undergone the observation necessary in his or her case, he or she shall be released from observation by a Health Officer.

Offences.

45. A person, other than a person acting in the execution of these regulations, who contravenes or fails to comply with regulation 37, or any condition imposed under that regulation, or with any of the provisions of regulations 39 or 42, commits an offence against these regulations.

Persons improperly leaving places approved for observation or isolation.

46. A person who, contrary to these regulations, leaves any place in use for observation or isolation purposes may, without prejudice to any other liability, be apprehended by a Health Officer or an authorised officer or a member of the police force constituted by law in the State and taken back to such place.

PART IX

DUTIES OF QUARANTINE AUTHORITY

Quarantine Authority to keep list of infected areas and to supply Visiting Officers with copies.

47. It shall be the duty of the Quarantine Authority to cause to be compiled and kept up to date a list of infected areas, including ports and seaboard which serve infected areas, and to cause all Visiting Officers to be supplied with copies of the list and of all amendments to the lists.

List of ports equipped to deal with ships in certain cases.

48. The Quarantine Authority shall prepare lists of ports in the State which are equipped from a sanitary point of view to deal with ships arriving in the State in specified circumstances.

Information required by Convention and Agreements.

49. The Quarantine Authority shall be responsible for the collection and transmission, directly or through the appropriate channels, of all information required

to be collected and transmitted under the Convention or under any Agreement to which the Government is a party relating to quarantine matters.

PART X

CHARGES FOR SERVICES

Charges for sanitary measures applied.

50. (1) Where the master of any ship is required by or in pursuance of these regulations to carry out any measures with a view to reducing the danger or preventing the spread of infection, the Quarantine Authority may, at the request of the master, and, if thought fit, at his or her cost, cause such requirement to be complied with instead of enforcing the requirement against the master.

(2) When the Quarantine Authority causes such requirement to be complied with at the cost of the master, the Quarantine Authority may require the amount of the charge for the work or a part thereof to be paid to or deposited with the Quarantine Authority before the work is undertaken.

(3) The amount of the charge for any work so to be undertaken by the Quarantine Authority shall be such reasonable sum as, to the exclusion of any charge or claim in respect of profit, represents the actual or estimated cost to be incurred by the Quarantine Authority in undertaking the work, so, however, that it shall not exceed the sum of one thousand dollars, unless notice of the proposed charge has been given to the master before the work is undertaken.

(4) All such charges may be recovered against the master, shipowner or his or her agent.

Charges.

51. The charges to be made in respect of persons undergoing quarantine, isolation or observation, and the incidence of such charges, shall be such as are provided for in rules made under the Act:

Provided that no charge shall be made for any child under three years, and for any child over three years and under ten years half the prescribed charges shall be payable and shall be payable by and recoverable from the person in charge of the child.

Further provisions as to expenses and charges.

52. (1) All expenses and charges referred to in these regulations shall be payable to the Quarantine Authority.

(2) Where any expenses or charges are payable by the master of a ship, the Harbour Master or any customs officer authorised by him or her, may refuse to clear the ship until all liability in respect of the expenses or charges has been discharged.

PART XI
MISCELLANEOUS

General duty to comply with orders, instructions and conditions.

53. (1) Subject to the provisions of these regulations, the Quarantine Authority, a Health Officer and any authorised officer may give such orders and instructions and impose such conditions and take such action as they may deem desirable for the purposes of carrying these regulations into effect.

(2) Every person to whom these regulations apply shall comply with all such orders, instructions and conditions, and shall furnish all such information as the Quarantine Authority, Health Officer or authorised officer may reasonably require (including information as to his or her name, destination and address) and every person who has for the time being the custody or charge of a child or other person who is under disability shall comply with any orders, instructions or conditions so given, made or imposed and shall furnish all such information as aforesaid in respect of such child or other person.

Certificates as to sanitary measures taken.

54. (1) Whenever the master, the shipowner or his or her agent so demands, a Health Officer shall furnish him or her with a free certificate stating the sanitary measures which have been applied to the ship and specifying the reason why they have been applied.

(2) Passengers who have been subjected to sanitary measures shall be entitled to a free certificate from the Health Officer indicating the date of their arrival and the measures to which they and their baggage have been subjected.

SCHEDULE 1 TO THE REGULATIONS

(Regulation 4)

DECLARATION OF HEALTH

(To be rendered by the masters of ships arriving from ports outside the State).

Before answering questions please read instructions overleaf.

Form with fields for: Port of, Date, Name of Vessel, From, To, Nationality, Master's Name, Net Registered Tonnage, Deratisation or Certificate, Dated, Exemption, Issued at, No. of Passengers, Cabin, No. of Deck, Crew.

List of ports of call from commencement of voyage with dates of departure
.....

Health Questions.

Answer

Yes or No

1. Has there been on board during the voyage* any case
or suspected case of plague, cholera, yellow fever,
typhus fever or small pox? Insert particulars in the
Schedule hereto.
 2. Has plague occurred or been suspected amongst the
rats or mice on board during the voyage*, or has there
been an unusual mortality amongst them?
 3. Has any person died on board during the voyage*
otherwise than as a result of accident? Insert particulars
in Schedule hereto
 4. Is there on board or has there been during the voyage*
any case of illness which you suspect to be of an
infectious nature? Insert particulars in Schedule hereto.
 5. Is there any sick person on board now? Insert
particulars in Schedule hereto.
- Note* : In the absence of a surgeon, the master should regard the following symptoms as ground for suspecting the existence of infectious disease: fever accompanied by prostration or persisting for several days, or attended with glandular swellings, or any acute skin rash or eruption with or without fever; severe diarrhoea or diarrhoea with symptoms of collapse; jaundice accompanied by fever.
6. Are you aware of any other condition on board which
may lead to infection or the spread of infectious disease?

I hereby declare that the particulars and answers to the questions given in this Declaration of Health (including the Schedule) are true and correct to the best of my knowledge and belief.

Sgd

Master

Date :..... Countersigned

Ship's Surgeon

* *If more than six weeks have elapsed since the voyage begun, it will suffice to give particulars for the last six weeks.*

SCHEDULE TO THE DECLARATION*Particulars of every case of illness or death occurring on board.*

Name.	Class of Rating.	Age.	Sex.	Race.	Port of Embarkation.	Date of Embarkation.	Nature of Illness.	Date of its onset.	Results of Illness.*	Disposal of Case†

*State whether recovered; still ill; died.

†State whether still on board; landed at (give name of port); buried at sea.

Instructions.

The Master of a ship coming from a port outside the State must ascertain the state of health of all persons on board, and fill in and sign the Declaration of Health in the foregoing pages.

The master should send an International Quarantine message either direct to the Visiting Officer or through the agent. The message may be in "clear" or in "code" and must be sent within the time specified in the Code.

The message must contain such of the items as are appropriate of the Standard Quarantine Messages (included in the Medical Section of the 1931 Intercolonial Code of Signals (pages 229 to 232 British edition)).

If the ship is not fitted with wireless, the appropriate signal must be hoisted on arrival.

The master should take all steps necessary to ensure that no person other than a pilot and his or her leadsman shall board or leave the vessel without the permission of a Health Officer until pratique has been granted.

SCHEDULE 2 TO THE REGULATIONS

(Regulation 5)

WIRELESS MESSAGES*—ITEM OF INFORMATION

Item I

The following is an International Quarantine Message from vessel indicated of port indicated which expects to arrive at time indicated on date indicated.

Item II

My port of departure (first port of loading) and my last port of call were as indicated by the immediately following groups.

Item III

No case of infectious disease, or of sickness suspected to be of an infectious nature, has occurred on board during the last 15 days.

Number indicated cases of infectious disease(s) indicated have occurred during the last 15 days.

Item IV

I have no other case of sickness on board.

I have number indicated other cases of sickness on board.

Item V

No deaths from sickness infectious or otherwise have occurred on board during the voyage.

Number indicated deaths from sickness infectious or otherwise have occurred on board during the voyage.

Item VI

I have a ship's surgeon on board.

I have no ship's surgeon on board.

Item VII

I do not wish to disembark any sick.

I wish to disembark number indicated sick, suffering from disease(s) indicated.

Item VIII

My crew consists of number indicated, and I have no passengers on board.

My crew consists of number indicated, and I have number indicated passengers.

Item IX

I do not propose to disembark any passengers.

I propose to disembark number indicated passengers of class indicated.

* For notes on the sending of a standard Quarantine Message see page 229 of the British edition of the 1931 International Code of Signals.

SCHEDULE 3 TO THE REGULATIONS

(Regulation 6)

USE OF FLAGS AND SIGNALS

Ships must show one of the following signals when coming within the limits of a port and until free pratique is granted:

By day (i.e., between sunrise and sunset):

- (a) “Q” signifying “my ship is healthy and I request free pratique”.
- (b) “Q” flag over first substitute (QQ) signifying “my ship is suspect, that is to say, I have had a case or cases of infectious disease more than five days ago or there has been unusual mortality among rats on board”.
- (c) “Q” flag over “L” flag (QL) signifying “my ship is infected, that is to say, I have had a case or cases of infectious disease less than five days ago”.

The day signal shall be shown at the masthead or where it can best be seen.

By night: Red light over white light, signifying “I have not received free pratique”.

The lights should be not more than six feet apart and in a vertical line one over the other.

The night signal shall be shown at the peak or other conspicuous place where it can best be seen.

SCHEDULE 4 TO THE REGULATIONS

(Regulation 18)

BILL OF HEALTH

(This document is the property of the ship and is not to be retained by the port authorities.)

I hereby certify that the (name of ship)
commanded by (name of Master) entered this port on the
(date) and was admitted to free pratique—on
arrival—after subjection to the following measures

I further certify that at the time of granting this Bill of Health the port and its vicinity are free from plague (human and rodent), cholera, yellow fever, typhus and small pox, except as follows:

.....
.....
Port of Signed
Date Title of Officer

Note: The following numbers of cases of other infectious diseases were notified during the week ending

<i>Name of Disease.</i>	<i>Number of Cases.</i>
.....
.....

SCHEDULE 5 TO THE REGULATIONS

(Regulations 2 and 29)

DERATISATION CERTIFICATE.*

Deratisation Exemption Certificate.*

Given under Article 28 of the International Sanitary Convention of Paris, 1926.

(NOT TO BE TAKEN AWAY BY PORT AUTHORITIES).

Date Port of

THIS CERTIFICATE records the inspection and } exemption*
deratisation*

at this port on the above dated

of the S.S ofnet tons,
from

In accordance with the Quarantine Laws and Regulations of the State of Saint Christopher and Nevis.

At the time the holds were } *empty
*laden with tons of
..... cargo*

(*Strike out the unnecessary indications.)

OBSERVATIONS: (In the case of exemption, state here the measures taken for maintaining the vessel in such a condition that the rat population would be reduced to a minimum.)

.....
.....
.....

.....

Seal, Name, Qualification and
 Signature of the Health Officer

(a) DERATISATION			
(a) DERATISATION			
Compartments (b) (1)	Rat Indications (c) (2)	Rat Harbourage	
		discovered (d) (3)	corrected (4)
Hold 1.			
2.			
3.			
4.			
5.			
6.			
7.			
Shelter Deck Space			
Bunker Space			
Engine Room and Shaft Alley ...			
Forepeak and Storeroom			
Afterpeak and Storerooms			
Lifeboats			
Charts and Wireless Rooms			
Galley and Bakery			
Pantries			
Provision Storerooms			
Quarters (crew)			
Quarters (Officers)			
Quarters (Cabin Passengers			
Quarters (Steerage)			
.....			

- (a) Strike out the unnecessary indications.
- (b) In case any of the compartments enumerated are not present on the vessel this fact must be mentioned.
- (c) Old or recent evidence of excreta, runs or cutting.

APPENDIX TO THE REGULATIONS

(See definition of Convention Regulation 2)

Extracts from the International Sanitary Convention signed at Paris

on the 21st of June, 1926

ARTICLE 18

It rests with the authority of the country of destination to decide in what manner and at what place disinfection shall be carried out and what methods shall be adopted to secure the destruction of rats or insects (fleas, lice, mosquitoes, etc.). These operations shall be performed in such a manner as to injure articles as little as possible. Clothes and other articles of small value, including rags not carried as merchandise in bulk, may be destroyed by fire.

It is the duty of each State to settle questions relative to the payment of compensation for any damage caused by disinfection, deratisation and disinsectisation, or by the destruction of the articles referred to above.

If, on account of these measures, charges are levied by the sanitary authority, either directly or indirectly through a company or an individual, the rates of these charges shall be in accordance with a tariff published in advance and so drawn up that the State or the sanitary authority may not, on the whole, derive any profit from its application.

SECTION IV. MEASURES AT PORTS AND MARINE FRONTIERS.

(A) *Plague*

ARTICLE 24

Infected ships. A ship shall be regarded as “infected”

- (1) If it has a case of human plague on board;
- (2) Or if a case of human plague broke out more than six days after embarkation;
- (3) Or if plague infected rats are found on board.

Suspected Ship. A ship shall be regarded as “suspected”

- (1) If a case of human plague broke out on board in the first six days after embarkation;
- (2) Or if investigations regarding rats have shown the existence of an unusual mortality without determining the cause thereof.

The ship shall continue to be regarded as suspected until it has been subjected to the measures prescribed by this Convention at a suitably equipped port.

Healthy Ship A ship shall be regarded as “healthy” notwithstanding its having come from an infected port, if there has been no human or rat plague on board either at the time of departure, or during the voyage, or on arrival, and the investigations regarding rats have not shown the existence of an unusual mortality.

ARTICLE 25

Plague infected ships shall undergo the following measures:

- (1) Medical inspection;
- (2) The sick shall immediately be disembarked and isolated;

(3) All persons who have been in contact with the sick and those whom the port sanitary authority have reason to consider suspect shall be disembarked if possible. They may be subjected to observation or surveillance,* or to observation followed by surveillance, provided that the total duration of these measures does not exceed six days from the time of arrival of the ship. It rests with the sanitary authority of the port after taking into consideration the date of the last case, the condition of the ship and the local possibilities, to apply one of these measures which seems to them preferable. During the same period the crew may be prevented from leaving the ship except on duty notified to the sanitary authority;

(4) Bedding which has been used, soiled linen, wearing apparel and other articles which, in the opinion of the sanitary authority, are infected shall be disinfected and, if necessary, disinfected;

(5) The parts of the ship which have been occupied by persons suffering from plague or which, in the opinion of the sanitary authority, are infected shall be disinfected and, if necessary, disinfected;

(6) The sanitary authority may require deratisation before the discharge of the cargo, if they are of the opinion, having regard to the nature of the cargo and the way in which it is loaded, that it is possible to effect a total destruction of rats before discharge. In this case, the ship may not be subjected to a new deratisation after discharge. In other cases the complete destruction of the rodents shall be effected on board when the holds are empty. In the case of ships in ballast, this process shall be carried out as soon as possible before taking cargo.

Deratisation shall be carried out so as to avoid, as far as possible, damage to the ship and cargo (if any). The operation must not last longer than twenty-four hours. Any charges made in respect of these operations of deratisation and any question of compensation for damage shall be determined in accordance with the provisions of Article 18.

If a ship is to discharge a part of its cargo only, and if the port authorities consider that it is impossible to carry out complete deratisation, the said ship may remain in the port for the time required to discharge that part of its cargo, provided that all precautions, including isolation, are taken to the satisfaction of the sanitary authority to prevent rats from passing from the ship to the shore, either during unloading or otherwise.

The discharge of cargo shall be carried out under the control of the sanitary authority, who shall take all measures necessary to prevent the staff employed on this duty from becoming infected. This staff shall be subjected to observation or to surveillance for a period not exceeding six days from the time when they have ceased to work at the unloading of the ship.

*Persons under observation or surveillance shall give facilities for all clinical or bacteriological investigations which are considered necessary by the sanitary authority.

ARTICLE 26

Plague-suspected ships shall undergo the measures specified in (1), (4), (5) and (6) of Article 25.

In addition, the crew and passengers may be subjected to surveillance, which shall not exceed six days reckoned from the date of arrival of the ship. The crew may be prevented during the same period from leaving the ship except on duty notified to the sanitary authority.

ARTICLE 27

Healthy Ships.—Ships free from plague shall be given free pratique immediately, with the reservation that the sanitary authority of the port of arrival may prescribe the following measures with regard to them:

(1) Medical inspection to determine whether the ship comes within the definition of a healthy ship;

(2) Destruction of rats on board under the conditions specified in (6) of Article 25, in exceptional cases and for well-founded reasons, which shall be communicated in writing to the captain of the ship;

(3) The crew and passengers may be subjected to surveillance during a period which shall not exceed six days reckoned from the date on which the ship left the infected port. The crew may be prevented during the same period from leaving the ship except on duty notified to the sanitary authority.

ARTICLE 28

All ships, except those employed in national coastal service, shall be periodically deratised or be permanently so maintained that any rat population is kept down to the minimum. In the first case they shall receive *Deratisation Certificates*, and in the second *Deratisation Exemption Certificates*.

Governments shall make known through the Office International d'Hygiene Publique those of their ports possessing the equipment and personnel necessary for the deratisation of ships.

A Deratisation Certificate or a Deratisation Exemption Certificate shall be issued only by the sanitary authorities of ports specified above. Every such certificate shall be valid for six months, but this period may be extended by one month in the case of a ship proceeding to its home port.

If no valid certificate is produced, the sanitary authority at the ports mentioned in the second paragraph of this Article may, after inquiry and inspection,

- (a) themselves carry out deratisation of the vessel, or cause such operations to be carried out under their direction and control. On the completion of these operations to their satisfaction they shall issue a dated *Deratisation Certificate*. They shall decide in each case the technique which should be employed to secure the practical extermination of rats on board, but details of the deratising process applied and of the number of rats destroyed shall be entered on the certificate. Destruction of rats shall be carried out so as to avoid as far as possible damage to the ship and cargo (if any). The operation must not last longer than twenty-four hours. In the case of ships in ballast the process shall be carried out before taking cargo. Any charges made in respect of these operations of deratisation, and any question of

compensation for damage shall be determined in accordance with the provisions of Article 18;

- (b) issue a dated *Deratisation Exemption Certificate* if they are satisfied that the ship is maintained in such a condition that the rat population is reduced to a minimum. The reasons justifying the issue of such a certificate shall be set out in the certificate.

Deratisation and deratisation exemption certificates shall be drawn up as far as possible in a uniform manner. Model certificates shall be prepared by the Office International d'Hygiene Publique.

(B) *Cholera*

ARTICLE 29

Infected Ship.—A ship shall be regarded as *infected* if there is a case of cholera on board, or if there has been a case of cholera during the five days previous to the arrival of the ship in port.

Suspected Ship.—A ship shall be regarded as suspected if there has been a case of cholera at the time of departure or during the voyage, but no fresh case in the five days previous to arrival. The ship shall continue to be regarded as suspected until it has been subjected to the measures prescribed by this Convention.

Healthy Ship.—A ship shall be considered “healthy” if, although arriving from an infected port or having on board persons proceeding from an infected local area, there has been no case of cholera either at the time of departure, during the voyage, or on arrival.

Cases presenting the clinical symptoms of cholera, in which no cholera vibrios have been found or in which vibrios not strictly conforming to the character of cholera vibrios have been found shall be subject to all measures required in the case of cholera.

Germ carriers discovered on the arrival of a ship shall be submitted after disembarkation to all the obligations which may be imposed in such a case by the laws of the country of arrival on its own nationals.

ARTICLE 30

Cholera Infected Ships.—In the case of cholera, “infected” ships shall undergo the following measures:

- (1) Medical inspection;
- (2) The sick shall be immediately disembarked and isolated;
- (3) The crew and passengers may be disembarked and either be kept under observation or subjected to surveillance during a period not exceeding five days reckoned from the date of arrival of the ship;

However, persons who can show that they have been protected against cholera by vaccination effected within the period of the previous six months, excluding the last six days thereof, may be subjected to surveillance, but not to observation;

(4) Bedding which has been used, soiled linen, wearing apparel and other articles, including food-stuffs, which, in the opinion of the sanitary authority of the port, have been recently contaminated shall be disinfected;

(5) The parts of the ship that have been occupied by persons infected with cholera or that the sanitary authority regard as infected shall be disinfected;

(6) Unloading shall be carried out under the supervision of the sanitary authority, which shall take all measures necessary to prevent the infection of the staff engaged in unloading. This staff shall be subjected to observation or to surveillance which may not exceed five days from the time when they ceased unloading;

(7) When the drinking water stored on board is suspected it shall be emptied out after disinfection and replaced, after disinfection of the tanks, by a supply of wholesome drinking water;

(8) The sanitary authority may prohibit the emptying of water ballast in port without previous disinfection if it has been taken in at an infected port;

(9) The emptying or discharge of human dejecta, as well as the waste waters of the ship, into the waters of the port may be forbidden, unless they have been previously disinfected.

ARTICLE 31

Cholera Suspected Ships.—In the case of cholera, “*suspected*” ships shall undergo the measures prescribed in (1), (4), (5), (7), (8), and (9) of Article 30.

The crew and passengers may be subjected to surveillance during a period which shall not exceed five days reckoned from the date of arrival of the ship. It is recommended that the crew be prevented during the same period from leaving the ship except on duty notified to the sanitary authority.

ARTICLE 32

Clinical Cholera.—If the ship has been declared infected or suspected on account only of a case on board presenting the clinical features of cholera, and two bacteriological examinations, made with an interval of not less than 24 hours between them, have not revealed the presence of cholera or other suspicious vibrios, the ship shall be considered healthy.

ARTICLE 33

Healthy Ships.—In the case of cholera, “*healthy*” ships shall be given pratique immediately.

The sanitary authority of the port of arrival may prescribe as regards these ships the measures specified in (1), (7), (8) and (9) of Article 30.

The crew and passengers may be subjected to surveillance during a period which shall not exceed five days reckoned from the date of arrival of the ship. The crew may be prevented during the same period from leaving the ship except on duty notified to the sanitary authority.

ARTICLE 34

Since anti-cholera vaccination is a method of proved efficacy in staying cholera epidemics, and consequently in lessening the likelihood of the spread of the disease, sanitary administrations are recommended to employ in the largest measure possible and as often as practicable, specific vaccination in cholera *foyers* and to grant certain advantages as regards restrictive measures to persons who have elected to be vaccinated.

(C) *Yellow Fever*

ARTICLE 35

Infected Ship. A ship shall be regarded as *infected* if there is a case of yellow fever on board, or if there was one at the time of departure or during the voyage.

Suspected Ship. A ship shall be regarded as *suspected* if, having had no case of yellow fever, it arrives after a voyage of less than six days from an infected port or from a port in close relation with an endemic centre of yellow fever, or it arrives after a voyage of more than six days and there is reason to believe that it may transport adult *stegomyia* (*aedes aegypti*) emanating from the said port.

Healthy Ship. A ship shall be regarded as *healthy*, notwithstanding its having come from an infected port, if on arriving after a voyage of more than six days it has had no case of yellow fever on board and either there is no reason to believe that it transports adult *stegomyia* or it is proved to the satisfaction of the authority of the port of arrival—

- (a) that the ship, during its stay in the port of departure, was moored at a distance of at least 200 metres from the inhabited shore and at such a distance from harbour vessels (pontoons) as to make the access of *stegomyia* improbable; or
- (b) that the ship, at the time of departure, was effectively fumigated in order to destroy mosquitoes.

ARTICLE 36

Yellow Fever Infected Ships. Ships infected with yellow fever shall undergo the following measures:

- (1) Medical inspection;
- (2) The sick shall be disembarked, and those of them whose illness has not lasted more than five days shall be isolated in such a manner as to prevent infection of mosquitoes;
- (3) The other persons who disembark shall be kept under observation or surveillance during a period which shall not exceed six days reckoned from the time of disembarkation;
- (4) The ship shall be moored at least 200 metres from the inhabited shore and at such a distance from the harbour boats (pontoons) as will render the access of *stegomyia* improbable.
- (5) The destruction of mosquitoes in all phases of growth shall be carried out on board, as far as possible before discharge of cargo. If discharge is carried out before the destruction of mosquitoes, the personnel employed shall be subjected to observation or to surveillance for a period not exceeding six days from the time when they ceased unloading.

ARTICLE 37

Yellow Fever Suspected Ships. Ships suspected of yellow fever may be subjected to the measures specified in (1), (3), (4) and (5) of Article 36.

Nevertheless, if the voyage has lasted less than six days and if the ship fulfils the conditions specified in paragraphs (a) or (b) of Article 35 relating to healthy ships, the ship shall be subjected only to the measures prescribed in Article 36 (1) and (3) and to fumigation.

When thirty days have been completed after the departure of the ship from the infected port, and no case has occurred during the voyage, the ship may be granted free pratique subject to preliminary fumigation should the sanitary authority consider this to be necessary.

ARTICLE 38

Healthy Ships. Healthy Ships shall be granted free pratique after medical inspection.

ARTICLE 39

The measures prescribed in Articles 36 and 37 concern only those regions in which stegomyia exist, and they shall be applied with due regard to the climatic conditions prevailing in such regions and to the *stegomyia* index.

In other regions they shall be applied to the extent considered necessary by the sanitary authority.

ARTICLE 40

The masters of ships which have touched at ports infected with yellow fever are specially advised to cause a search to be made for mosquitoes and their larvæ during the voyage and to secure their systematic destruction in all accessible parts of the ship, particularly in the store rooms, galleys, boiler rooms, water tanks and other places specially likely to harbour stegomyia.

(D) *Typhus*

ARTICLE 41

Ships which, during the voyage have had, or at the time of their arrival, have, a case of typhus on board, may be subjected to the following measures:

- (1) Medical inspection;
- (2) The sick shall immediately be disembarked, isolated and deloused;
- (3) Other persons reasonably suspected to harbour lice, or to have been exposed to infection, shall also be deloused, and may be subjected to surveillance during a period which shall be specified, but which in any event should never exceed twelve days, reckoned from the date of delousing;
- (4) Bedding which has been used, linen, wearing apparel and other articles which the sanitary authority consider to be infected shall be disinfected;
- (5) The parts of the ship which have been occupied by persons ill with typhus and which the sanitary authority regard as infected shall be disinfected.

The ship shall immediately be given free pratique.

It rests with each Government to take, after disembarkation, the measures which they consider appropriate to ensure the surveillance of persons who arrive on a ship which has had no case of typhus on board, but who have left a local area where typhus is epidemic within the previous twelve days.

(E) *Smallpox*

ARTICLE 42

Ships which have had, or have a case of smallpox on board either during the voyage or at the time of arrival may be subjected to the following measures:

- (1) Medical inspection;
- (2) The sick shall immediately be disembarked and isolated;
- (3) Other persons reasonably suspected to have been exposed to infection on board, and who, in the opinion of the sanitary authority are not sufficiently protected by recent vaccination, or by a previous attack of smallpox, may be subjected to

vaccination or to surveillance, or to vaccination followed by surveillance, the period of surveillance being specified according to the circumstances, but in any event not exceeding fourteen days, reckoned from the date of arrival of the ship;

(4) Bedding which has been used, soiled linen, wearing apparel and other articles which the sanitary authority consider to have been recently infected shall be disinfected;

(5) Only the parts of the ship which have been occupied by persons ill with smallpox and which the sanitary authority regards as infected shall be disinfected.

The ship shall immediately be given free pratique.

It rests with each Government to take, after disembarkation, the measures which they consider appropriate to ensure the surveillance of persons who are not protected by vaccination, and who arrive on a ship which has had no case of smallpox on board, but who have left a local area, where smallpox is epidemic within the previous fourteen days.

SECOND SCHEDULE

(Section 4)

PART I.

INTRODUCTORY

Short title.

1. These Regulations may be cited as the Quarantine (Air) Regulations.

Interpretation.

2. In these Regulations—

“Act” means the Quarantine Act;

“Aedes” means *Aedes aegypti* and any potential mosquito vectors of yellow fever;

“aerodrome”, “aircraft” and “commander” have the meanings assigned to them in section 2 of the Act;

“aircraft coming from an infected area”, in relation to an aircraft arriving at an aerodrome or other place, means an aircraft—

(a) which left a plague, cholera, typhus or smallpox infected area within the period of incubation of those diseases;

(b) which left a yellow fever infected or endemic area, or a locality in close relation with any such area, within a period of six days immediately preceding its arrival, or after a longer period if there is reason to believe that the aircraft may be carrying adult mosquitoes emanating from the said area or locality;

“authorised aerodrome” means an aerodrome for the time being approved as a customs aerodrome for the purpose of the laws relating to customs;

“authorised officer” means a person authorised to act as such in the case in question by virtue of an order made under regulation 3;

“the Convention” means the International Sanitary Convention for Aerial Navigation signed at the Hague on the 12th of April 1933 (and any amendments thereto);

“crew” includes any person having duties on board an aircraft in connection with the flying or the safety of the flight of the aircraft, or employed on board in any way in the service of the aircraft, the passengers, or the cargo;

“day” means an interval of twenty-four hours;

“endemic area” means an area in which a Health Officer has reason to believe that yellow fever exists in a form recognisable clinically, biologically or pathologically;

“foreign” means situate outside the State;

“Health Officer” means the appropriate officer appointed as such under section 3 of the Act, and includes a medical practitioner acting under the direction of the Quarantine Authority or a Health Officer for the purpose of executing these regulations or any of them;

“immune”, in relation to yellow fever, means that the person in question produces a certificate to the satisfaction of a Health Officer issued by a medical officer or institution recognised by the Quarantine Authority—

- (a) to the effect that the bearer has been inoculated for the first time more than ten days and less than four years previously; or
- (b) to the effect that he or she has been reinoculated within the past four years; or
- (c) to the effect that he or she has recovered from an attack of yellow fever and that his or her blood contains immune bodies against yellow fever as proved by a test carried out by an institution regularly carrying out biological test for yellow fever;

“infected”, in relation to an aircraft arriving at an aerodrome or other place, means that the aircraft has on board a case or suspected case of plague, yellow fever, typhus or smallpox, or a case presenting clinical signs of cholera, or which has had such a case or suspected case on board and has not since been subjected to the measures prescribed by these regulations;

“infected area” means a local area in which a Health Officer has reason to believe that—

- (a) a first case of plague recognised as non-imported has occurred or in which rodent plague exists or has existed during the previous six months;
- (b) cholera has formed a foyer, that is to say, that the occurrence of new cases beyond the immediate surroundings of the first case proves that the spread of the disease has not been limited to the place where it began;
- (c) a first case of yellow fever recognised as non-imported has occurred; or
- (d) typhus or smallpox exists in epidemic form, that is to say, that the occurrence of new cases indicates that the spread of the disease is not under control;

“infectious disease” means any epidemic or acute infectious disease, and includes open pulmonary tuberculosis but does not include venereal disease;

“isolation” means the removal to a hospital or other suitable place approved by a Health Officer, of a person suffering, or suspected to be suffering, from an infectious disease, and his or her detention therein until, in the opinion of the Health Officer—

- (a) he or she is free from infection; or
- (b) if not so free, he or she may be discharged without undue danger to the public health;

“local area” means a well defined area such as a province, district, island, town or quarter of a town, port or village, whatever may be its extent or population;

“observation” means the detention under medical supervision of persons in such places and for such periods as may be directed by a Health Officer;

“passenger” means any person, other than a member of the crew, carried in an aircraft;

“period of incubation” for the purpose of these regulations, shall be deemed to be—

- (a) for plague... .. 6 days
- (b) for cholera... .. 5 days
- (c) for yellow fever... .. 6 days
- (d) for typhus 12 days
- (e) for smallpox... .. 14 days

“Quarantine Authority” means the Quarantine Authority established under section 3 of the Act;

“sanitary aerodrome” means an aerodrome declared under regulation 4 to be a sanitary aerodrome;

“specified infectious disease” means plague, cholera, yellow fever, typhus and smallpox;

“surveillance” means that persons are not detained, that they may move about freely, but that they are required to report for medical examination at such intervals and during such period and to such persons as may be directed by a Health Officer.

Officers.

3. (1) The Quarantine Authority may, by order, authorise any officer or person or any member of a class of officers or persons to act as an authorised officer for the purposes of these regulations or for some specified purpose of these regulations.

(2) Every such officer or person shall exercise his or her powers and perform his or her duties subject to the general or special direction and control of the Quarantine Authority and a Health Officer.

Approval of sanitary aerodromes.

4. The Minister may, by Order, declare any authorised aerodrome in the State to be a sanitary aerodrome for the purposes of these regulations, where he or she is satisfied that there are available at the aerodrome—

- (a) a Health Officer and adequate sanitary staff (whether or not in permanent attendance);
- (b) a place for medical inspection;
- (c) equipment for taking and despatching suspected material to a laboratory for examination if such examination cannot be made at the aerodrome;
- (d) facilities for the isolation, transport and care of the sick, for the observation of contacts separately from the sick and for carrying out any other prophylactic measure in suitable premises within the aerodrome or in proximity to it;
- (e) apparatus necessary for carrying out disinfection, disinsectisation and deratisation if required, as well as any other measures laid down in these regulations;
- (f) a sufficient supply of wholesome drinking water;
- (g) a proper and safe system for the removal and disposal of excreta, refuse and waste water;
- (h) adequate protection from rats.

PART II

MOVEMENTS OF AIRCRAFT

Use of aerodromes.

5. (1) All aircraft on entering the State shall make their first landing at a prescribed aerodrome (as hereinafter defined) and all aircraft on leaving the State shall depart from a prescribed aerodrome.

(2) If any of the provisions of this regulation are contravened as regards any aircraft, the commander of the aircraft commits an offence against these regulations.

(3) For the purposes of this regulation, the expression “prescribed aerodrome” means—

- (a) a sanitary aerodrome; or
- (b) an authorised aerodrome approved by order of the Quarantine Authority for use as a prescribed aerodrome either generally or in the particular case or class of case.

(4) Where a Health Officer is of the opinion that the aerodrome at which an aircraft arrives is not suitably equipped to deal with such aircraft, he or she may order the commander of that aircraft to take it to an aerodrome which is suitably equipped.

Aircraft landing otherwise than at permitted aerodromes.

6. (1) In the event of an aircraft, on entering the State, being compelled to land elsewhere than at an aerodrome at which it is permitted to land under these regulations, the following provisions shall have effect—

- (a) as soon as practicable after the landing, the commander shall cause to be reported to a Health Officer, authorised officer or Government Medical Officer the circumstances of the flight and the emergency landing;

- (b) without the permission of a Health Officer, authorised officer or Government Medical Officer, no person shall remove any merchandise or baggage from the aircraft, and no passenger or member of the crew shall depart from the landing place, unless such removal or departure is necessary for the purposes of safety or of the preservation of life or property, and the commander shall take all steps in his or her power to secure compliance with this provision;
 - (c) a Health Officer, authorised officer or Government Medical Officer may give all such orders and instructions to the crew and passengers, and may impose all such conditions upon them, as he or she may deem advisable having regard to the principles of these regulations.
- (2) Any person who contravenes or fails to comply with any of the provisions of sub-regulation (1) of this regulation commits an offence against these regulations.

PART III

GENERAL SANITARY PROVISIONS

Duties of commander.

7. (1) The commander of every aircraft arriving in the State shall—
- (a) as long as possible before arrival, inform a Health Officer or an authorised officer of any death, and of any case or suspected case of infectious disease, on board the aircraft;
 - (b) on arrival—
 - (i) answer all questions as to health conditions on board, which may be put to him or her by the Health Officer or an authorised officer, produce to either or both of those officers the journey log book of the aircraft if so required, and furnish either or both of them with all such information and assistance as may reasonably be required for the purposes of these regulations; and
 - (ii) make and present to a Health Officer or an authorised officer a declaration of health in a form from time to time approved by the Quarantine Authority, in which shall be set out the places of call and any facts relevant to public health which have arisen in the aircraft in the course of the voyage and any health measures undergone by the aircraft, the crew and the passengers before departure and at places of call.
- (2) The commander of an aircraft who contravenes or fails to comply with any of the provisions of this regulation commits an offence against these regulations.

Details of specified infectious diseases to be recorded.

8. When any specified infectious disease makes its appearance in any part of the State, the Health Officer or an authorised officer shall enter all necessary details in the journey log book or other convenient record of all aircraft leaving an aerodrome during a period of fifteen days from the date on which information of such specified infectious disease was received.

Duties of crew and passengers.

9. (1) A member of the crew and passenger of an aircraft arriving in the State shall furnish all such information as may reasonably be required by a Health Officer or an authorised officer, including information as to his or her name, state of health and origin, and information as to places recently visited, his or her destination and his or her address there, and shall, if so required by a Health Officer or an authorised officer, complete and sign a certificate of origin and destination in a form from time to time approved by the Quarantine Authority.

(2) Any person who contravenes or fails to comply with any of the provisions of this regulation commits an offence against these regulations.

Detention of aircraft by an authorised officer.

10. When an aircraft arrives in the State and it appears to an authorised officer from information given to him or her by the commander, crew or passengers or from the journey log-book or declaration of health that—

- (a) during the voyage there has been in the aircraft a death otherwise than by accident or a case of illness caused or suspected to be caused by an infectious disease; or
- (b) that the aircraft is an infected aircraft or an aircraft coming from an infected area;

he or she shall order that the aircraft be detained and shall immediately report the matter to a Health Officer and to the person in charge of the aerodrome, and the Health Officer shall forthwith take such action as may be appropriate under these regulations.

Powers of Health Officer.

11. Without prejudice to any other provisions of these regulations, a Health Officer may, in relation to any aircraft arriving at an aerodrome in the State—

- (a) medically inspect the crew and passengers;
- (b) detain any such persons for medical examination;
- (c) prohibit any such persons from leaving the aerodrome save upon such specified conditions as appear to the Health Officer to be reasonably necessary to prevent the spread of infection;
- (d) order that the aircraft be detained (notifying such order to the person in charge of the aerodrome) to enable such action as may be appropriate under these regulations to be taken:

Provided that an aircraft shall not be detained longer than is necessary for the taking of such action;

- (e) if the aircraft has arrived from an area from which it is liable to bring insect vectors of malaria or other diseases, order that the aircraft shall be disinfected.

Measures to be applied on the landing of sick persons.

12. If there is on board an aircraft arriving at an aerodrome in the State a case of infectious disease other than a specified infectious disease, duly so verified by a Health Officer, the sick person may be landed and, at the direction of the Health Officer, isolated, and such other sanitary measures as such officer may consider

desirable shall be applied, and the other passengers and crew shall have the right to continue the voyage after medical inspection and the application of the appropriate sanitary measures, such measures being so arranged that the aircraft is detained as short a time as possible.

Disinsectisation, prior to landing.

13. The Quarantine Authority may by general or special order prohibit aircraft coming from an area outside the State from which they are liable to bring insect vectors of malaria or any other disease from landing in the State unless they have been disinfected immediately before leaving that area or during the voyage, and if this provision is not complied with, the commander of the aircraft commits an offence against these regulations.

Discharge of matter from aircraft.

14. The discharge from aircraft of matter capable of producing an outbreak of infectious disease is prohibited, and any person who contravenes this prohibition commits an offence against these regulations.

Observation and surveillance.

15. These regulations shall have effect as though Part VIII of the Quarantine (Maritime) Regulations, and any regulations amending or replacing the same, were incorporated in these regulations:

Provided that—

- (a) in the case of persons in transit who are liable to surveillance under these regulations, a Health Officer may permit them to continue their voyage but shall take such steps as he or she may deem appropriate to notify the sanitary authorities of the place to which they are proceeding;
- (b) in the case of persons in transit who are liable to observation in respect of specified infectious diseases other than yellow fever, the Health Officer may permit them to continue their voyage if he or she is satisfied that the sanitary authorities of the places to which they are proceeding do not object to this course.

General powers in relation to aircraft departing.

16. (1) A Health Officer may, before the departure of an aircraft, medically inspect the passengers and crew and may prohibit the embarkation of any person with symptoms of any infectious disease.

(2) In the absence of the Health Officer the person in charge of the aerodrome or any authorised officer shall have power to defer the departure of any person until he or she has been medically inspected.

PART IV

SPECIAL SANITARY MEASURES IN THE CASE OF PLAGUE, CHOLERA, TYPHUS AND
SMALLPOX**Application of Part IV.**

17. The provisions of this Part shall be without prejudice to any other provisions of these regulations.

Infected aircraft and aircraft coming from infected areas.

18. If an infected aircraft or an aircraft coming from an infected area arrives at an aerodrome, the appropriate measures set out in the Schedule to these regulations in relation to specified infectious diseases other than yellow fever shall be carried out.

Aircraft departing from infected areas.

19. In the case of an aircraft departing from an infected area, in which there is infection by a specified infectious disease other than yellow fever, the appropriate measures set out below shall be carried out, that is to say—

- (a) cleansing and disinfection to the satisfaction of a Health Officer of any parts of the aircraft which, in his or her opinion, require to be cleansed and disinfected;
- (b) medical inspection of passengers and crew, and the prohibition of embarkation or departure of any such person who shows symptoms of any specified infectious disease, as well as any such person in such close relation with the sick as to render him or her liable to transmit the infection of any such disease;
- (c) inspection of the clothing, bedding (if any), and other personal effects of the passengers and crew and prohibition of the loading or carriage of any such clothing, bedding or personal effects which are not in a reasonable state of cleanliness;
- (d) disinfection of clothing, bedding and personal effects as aforesaid at the discretion of the Health Officer;
- (e) at the discretion of the Health Officer disinsectisation of the passengers and crew and their clothing, bedding (if any) and other personal effects, and disinsectisation and deratisation of the aircraft;
- (f) prohibition of the taking on board or carriage in the aircraft of any article which, in the opinion of the Health Officer, is capable of carrying infection, unless the Health Officer is satisfied that it has been efficiently disinfected.

PART V

SPECIAL SANITARY MEASURES IN THE CASE OF YELLOW FEVER

Application of Part V.

20. The provisions of this Part shall be without prejudice to any provisions of these regulations.

Prohibition of landing at or departing from certain areas.

21. Except with the general or special permission of the Quarantine Authority, no aircraft shall land in or depart from any yellow fever infected or endemic area in the State.

Prohibition of aircraft entering the State from certain areas outside the State.

22. (1) Except with the general or special permission of the Quarantine Authority, no aircraft coming from a yellow fever infected or endemic area outside the State shall enter the State.

(2) When permission is given to any such aircraft as provided in sub-regulation (1) of this regulation, the aircraft shall use only such aerodromes in the State as may be specified by the Quarantine Authority.

Measures on arrival of aircraft from territory in which yellow fever exists.

23. On the arrival of an aircraft from a yellow fever infected area or from an aerodrome situated in or near a yellow fever infected area, the following measures shall be taken—

- (a) disinsectisation of the aircraft prior to landing of passengers and cargo;
- (b) medical inspection of passengers and crew;
- (c) isolation under *Aedes*-free conditions of persons suspected to be suffering from yellow fever, or who are suffering from any febrile illness until the nature of the illness is determined;
- (d) observation as provided in sub-regulation (2) of regulation 38 of the Quarantine (Maritime) Regulations, as incorporated in these regulations by regulation 15;
- (e) surveillance for six days from last day of possible exposure to infection of persons who are not subjected to observation on arrival.

Measures on arrival of aircraft from an aerodrome situated in an endemic area.

24. (1) On the arrival of an aircraft from an aerodrome situated in an endemic area, the following measures shall be taken—

- (a) disinsectisation of the aircraft prior to landing of passengers and cargo;
- (b) medical inspection of passengers and crew;
- (c) isolation under *Aedes*-free conditions of persons suspected to be suffering from yellow fever;
- (d) surveillance, for six days from the last day of possible exposure to infection, of passengers and crew who are not immune.

(2) For the purposes of sub-regulation (1) of this regulation, the American mainland between the latitudes of 13° N. and 30°S. and the West Coast of Africa between the latitudes of 16° N. and 12° S. shall be deemed to be endemic areas; but between these latitudes such areas may be excluded by direction of the Quarantine Authority as are known to the Quarantine Authority to be areas in which yellow fever does not exist in a form recognisable clinically, biologically or pathologically.

Aircraft in transit landing to take in supplies.

25. Aircraft from healthy areas which is in transit to the State have called at an aerodrome in an infected or endemic area merely to take in supplies, shall be exempt from measures specified in regulations 23 and 24 of these regulations other than disinsectisation on arrival in the State:

Provided the fact that the aircraft has called at such an aerodrome for the sole purpose of taking in supplies is entered in the journey log-book, declaration form or other record.

Measures on departure from certain areas of the State.

26. Before the departure of an aircraft from a yellow fever infected or endemic area of the State the following measures shall be taken—

- (a) passengers and crew who are not immune shall undergo observation under *Aedes*-free conditions for six days immediately before departure;
- (b) all merchandise, baggage and other articles from the area and, at the discretion of a Health Officer, from other areas shall be disinsected before loading;
- (c) merchandise, baggage and other articles on board the aircraft shall be disinsected at the discretion of the Health Officer;
- (d) the aircraft shall be disinsected immediately before departure.

Restriction as to certain aerodromes.

27. No person, other than—

- (a) an immune person;
- (b) a person arriving in an aircraft from a place outside the State; or
- (c) an intending passenger or member of the crew who, with the approval of a Health Officer, has undergone or is about to undergo observation in accordance with the provisions of regulation 26,

shall enter an aerodrome which is in a yellow fever infected or endemic area of the State.

Persons in transit.

28. Any person in transit by air who arrives at an aerodrome to which regulation 27 applies from a place outside the State shall, unless he or she is immune, be detained under *Aedes*-free conditions within the precincts of the aerodrome or elsewhere until his or her departure by air.

Offences.

29. The commander of an aircraft which contravenes regulation 21 or 22, any person who contravenes regulation 27, and any person who leaves a place of detention ordered under regulation 28, commits an offence against these regulations.

PART VI

DUTIES OF QUARANTINE AUTHORITY

Duty to keep authorised aerodromes free from mosquitoes.

30. It shall be the duty of the Quarantine Authority to take such practicable measures as may lawfully be taken to ensure that authorised aerodromes, and premises in the vicinity of the aerodromes, in the State are kept free from mosquitoes.

Information required by Convention and Agreements.

31. The Quarantine Authority shall be responsible for the collection and transmission, directly or through the appropriate channels, of all information required to be collected and transmitted under the Convention or under any Agreement to which the Government is a party relating to Quarantine matters.

Lists of infected and endemic area.

32. It shall be the duty of the Quarantine Authority to cause to be compiled and kept up to date a list of infected and endemic areas, both within and without the State, and to cause all Health Officers to be supplied with copies of the list as from time to time amended.

PART VII

CHARGES FOR SERVICES

Charges for sanitary measures applied.

33. (1) Where the commander of any aircraft is required by or in pursuance of these regulations to carry out any measures with a view to reducing the danger or preventing the spread of infection, the Quarantine Authority may, at the request of the commander, and, if thought fit, at his or her cost, cause any such requirement to be complied with instead of enforcing the requirement against the commander.

(2) When the Quarantine Authority causes the requirement referred to in sub-regulation (1) to be complied with at the cost of the commander, the Quarantine Authority may require the amount of the charge for the work or a part of the work to be paid to or deposited with the Quarantine Authority before the work is undertaken.

(3) The amount of the charge for the work to be undertaken by the Quarantine Authority shall be such reasonable sum as, to the exclusion of any charge or claim in respect of profit, represents the actual or estimated cost to be incurred by the Quarantine Authority in undertaking the work, so, however, that it shall not exceed the sum of one thousand dollars unless notice of the proposed charge has been given to the commander before the work is undertaken.

(4) All charges referred to in this regulation may be recovered against the commander, aircraft owner or his or her agent.

Scale of charges.

34. The charges to be made in respect of persons undergoing quarantine, isolation or observation, and the incidence of such charges, shall be such as are provided for in rules made under the Act:

Provided that no charge shall be made for any child under three years of age, and for any child over three years of age and under ten years of age half the prescribed charges shall be payable and shall be payable and recovered from the person in charge of the child.

Further provisions as to expenses and charges.

35. (1) All expenses and charges referred to in these regulations shall be payable to the Quarantine Authority.

(2) Where any expenses or charges are payable by the commander of an aircraft to the Quarantine Authority in relation to an aircraft at an aerodrome, the Harbour Master or any Customs Officer on duty at the aerodrome may refuse to clear the aircraft until all liability in respect of the expenses or charges has been discharged.

PART VIII

MISCELLANEOUS

Save as to mails.

36. Save as provided in regulation 39 (2), or in Parts A and B of the Schedule to these regulations, nothing in these regulations shall render liable to detention, disinfection or destruction any article forming part of any mail conveyed under the authority of the postal administration of the State or any other Government, or shall prejudicially affect the receipt on board and delivery in due course of any such mail in accordance with the provisions of the Post Office Act.

Health Officers to take account of previous measures.

37. In applying measures to an aircraft coming from an infected area, the Health Officers of every aerodrome shall take into account all measures which have already been applied to the aircraft in any other aerodrome in the State or elsewhere and which are duly noted in the journey log-book, declaration form or other record.

Aircraft in certain cases not to be subjected to measures a second time.

38. Aircraft coming from an infected area, which have, in the opinion of a Health Officer, already been subjected to satisfactory measures either in the State or elsewhere, shall not be subjected to such measures, other than disinsectisation, a second time on arrival at another aerodrome if no subsequent incident has occurred which calls for their re-application and if the aircraft has not called at an aerodrome which is, or is within, an infected area except to take in fuel.

Saving in the case of aircraft continuing voyage.

39. (1) If the commander of an aircraft which has landed in the State at an aerodrome which is not its final destination does not desire to submit to any measures specified in these regulations which may be applicable, and notifies a Health Officer accordingly, he or she shall be at liberty to continue the voyage without such submission:

Provided that if the aircraft has on board a case of yellow fever, or comes from a yellow fever infected area, the Health Officer may require that it shall be subjected to such of the measures specified by these regulations in relation to that disease as he or she considers necessary.

(2) Where the commander notifies the Health Officer as provided in sub-regulation (1), he or she shall not land goods or disembark passengers except with the permission of a Health Officer and subject to such conditions as the Health Officer may impose in conformity with the provisions of these regulations.

General duty to comply with orders, instructions and conditions.

40. (1) Subject to the provisions of these regulations, the Quarantine Authority, a Health Officer or any authorised officer may give such orders and instructions and impose such conditions and take such actions as they may deem desirable for the purpose of carrying these regulations into effect.

(2) Every person to whom these regulations apply shall comply with all such orders, instructions and conditions, and shall furnish all such information as the Quarantine Authority, Health Officer or authorised officer may reasonably require (including information as to his or her name, destination and address) and every person who has for the time being the custody or charge of a child or other person who is under disability shall comply with any orders, instructions or conditions so given, made or imposed, and shall furnish all such information as aforesaid in respect of such child or other person.

Health Officer to furnish certificates of measures taken.

41. (1) A Health Officer applying measures shall, whenever requested, furnish free of charge to the commander of the aircraft or any other interested person, a certificate specifying the nature of such measures, the methods employed, the parts of the aircraft treated and the reasons for the application of such measures.

(2) The Health Officer shall also furnish, on demand and without charge, to passengers arriving by an aircraft in which a case of specified infectious disease has occurred, a certificate giving particulars of the date of their arrival and of the measures to which they and their personal effects have been subjected.

SCHEDULE TO THE REGULATIONS*(Regulation 18)***MEASURES TO BE CARRIED OUT IN RESPECT OF AN INFECTED AIRCRAFT OR AN
AIRCRAFT COMING FROM AN INFECTED AREA****PART A****PLAGUE****I.—INFECTED AIRCRAFT**

1. The aircraft shall be inspected and the passengers and crew shall be medically examined.
2. The sick shall immediately be disembarked and isolated.
3. All other persons shall be placed under surveillance or, in exceptional circumstances, observation, for a period expiring not later than six days after the date of arrival of the aircraft at the aerodrome.
4. Bedding which has been used, soiled linen, wearing apparel and other articles which, in the opinion of a Health Officer, are infected, shall be cleansed of vermin and, if necessary, disinfected, and merchandise proposed to be discharged may, if it is considered liable to harbour rats or fleas, be subjected to such measures as the Health Officer thinks fit.
5. The parts of the aircraft which have been occupied by persons suffering from plague or which a Health Officer considers to be infected shall be cleansed of vermin, and, if necessary disinfected.
6. A Health Officer may, in exceptional cases, require the aircraft to be deratised if there is reason to suspect the presence of rats on board and if the operation was not carried out at the aerodrome of departure.

II.—AIRCRAFT COMING FROM AN INFECTED AREA

1. The passengers and crew may be medically examined.
2. Any such persons may be placed under surveillance or, in exceptional circumstances, observation for a period expiring not later than six days after the date on which the aircraft left the infected area.
3. A Health Officer may, in exceptional circumstances, require the aircraft to be cleansed of vermin and to be deratised if these operations were not carried out at the aerodrome of departure.
4. Merchandise proposed to be discharged from the aircraft may, if a Health Officer considers it liable to harbour rats or fleas, be subjected to such measures as he or she thinks fit.

PART B**CHOLERA****I.—INFECTED AIRCRAFT**

1. The aircraft shall be inspected and the passengers and crew shall be medically examined.
2. The sick shall immediately be disembarked and isolated.

3. All other persons shall be placed under surveillance or, in exceptional circumstances, observation for a period expiring not later than five days after the date of arrival of the aircraft:

Provided that any person who satisfies a Health Officer that he or she has been vaccinated for cholera within the preceding six months, excluding the last six days thereof, shall not be placed under observation.

4. A Health Officer may prohibit the unloading from the aircraft of the following fresh foods, namely, fish, shellfish, fruit and vegetables.

5. Bedding which has been used, soiled linen, wearing apparel and other articles which, in the opinion of a Health Officer, are infected shall be disinfected.

6. The parts of the aircraft which have been occupied by persons infected with cholera or which a Health Officer considers to be infected shall be disinfected.

7. If the drinking water stored on board is suspected by a Health Officer, it shall be disinfected and, if practicable, emptied out and replaced after disinfection of the container, by a supply of wholesome drinking water.

II.—AIRCRAFT COMING FROM AN INFECTED AREA

1. The passengers and crew may be medically examined.

2. Any such persons may be placed under surveillance or, in exceptional circumstances, observation for a period expiring not later than five days after the date on which the aircraft left the infected area:

Provided that any person who satisfies a Health Officer that he or she has been vaccinated for cholera within the preceding six months, excluding the last six days thereof, shall not be placed under observation.

3. The unloading from the aircraft of the following fresh foods, namely, fish, shellfish, fruit and vegetables may be prohibited by a Health Officer.

PART C

TYPHUS FEVER

I.—INFECTED AIRCRAFT

1. The passengers and crew shall be medically examined.

2. The sick shall immediately be disembarked, isolated and deloused.

3. Any other person reasonably suspected to have been exposed to infection may be placed under surveillance, or, in exceptional circumstances, observation for a period expiring not later than twelve days after the date on which he or she was deloused.

4. Any person reasonably suspected to be harbouring lice shall be deloused.

5. Bedding which has been used, linen, wearing apparel and any other articles which a Health Officer considers to be infected shall be disinfected.

6. The parts of the aircraft which have been occupied by persons suffering from typhus fever or which a Health Officer considers to be infected shall be disinfected.

II.—AIRCRAFT COMING FROM AN INFECTED AREA

The passengers and crew may be placed under surveillance or, in exceptional circumstances, observation for a period expiring not later than twelve days after the date on which they left the infected area.

PART D

SMALLPOX

I.—INFECTED AIRCRAFT

1. The passengers and crew shall be medically examined.
2. The sick shall immediately be disembarked and isolated.
3. Any other person reasonably suspected by a Health Officer to have been exposed to infection on board shall be offered vaccination and shall be placed under surveillance or, in exceptional circumstances, observation for a period expiring not later than fourteen days after the date of arrival of the aircraft:

Provided that a person shall not be placed under surveillance or observation if after vaccination he or she shows signs of early reaction attesting an adequate immunity, or if he or she satisfies the Health Officer that he or she is already sufficiently immunised against smallpox; and for the purpose of this paragraph a person shall be regarded as already sufficiently immunised against smallpox if—

- (a) he or she produces a vaccination certificate to the satisfaction of the Health Officer bearing the date thereof and signed or countersigned by a medical officer in the employment of the Government or of the health authorities of the territory in which the certificate was issued to the effect that he or she has been vaccinated not less than fourteen days and not more than three years prior to the date of arrival;
 - (b) he or she shows signs of a previous attack of smallpox;
 - (c) he or she shows signs of successful vaccination carried out not less than fourteen days and not more than three years prior to the date of arrival; or
 - (d) he or she shows local signs of early reaction to anti-variola vaccination attesting an adequate immunity.
4. Bedding which has been used, soiled linen, wearing apparel and any other article which a Health Officer considers to have been recently infected shall be disinfected.
 5. The parts of the aircraft which have been occupied by persons suffering from smallpox or which a Health Officer considers to be infected shall be disinfected.

II.—AIRCRAFT COMING FROM AN INFECTED AREA

The passengers and crew, except those persons who satisfy a Health Officer that they fall within the proviso to paragraph 3 of Part D-I of this Schedule, may be placed under surveillance or, in exceptional circumstances, observation for a period expiring not later than fourteen days after the date on which they left the infected area.
