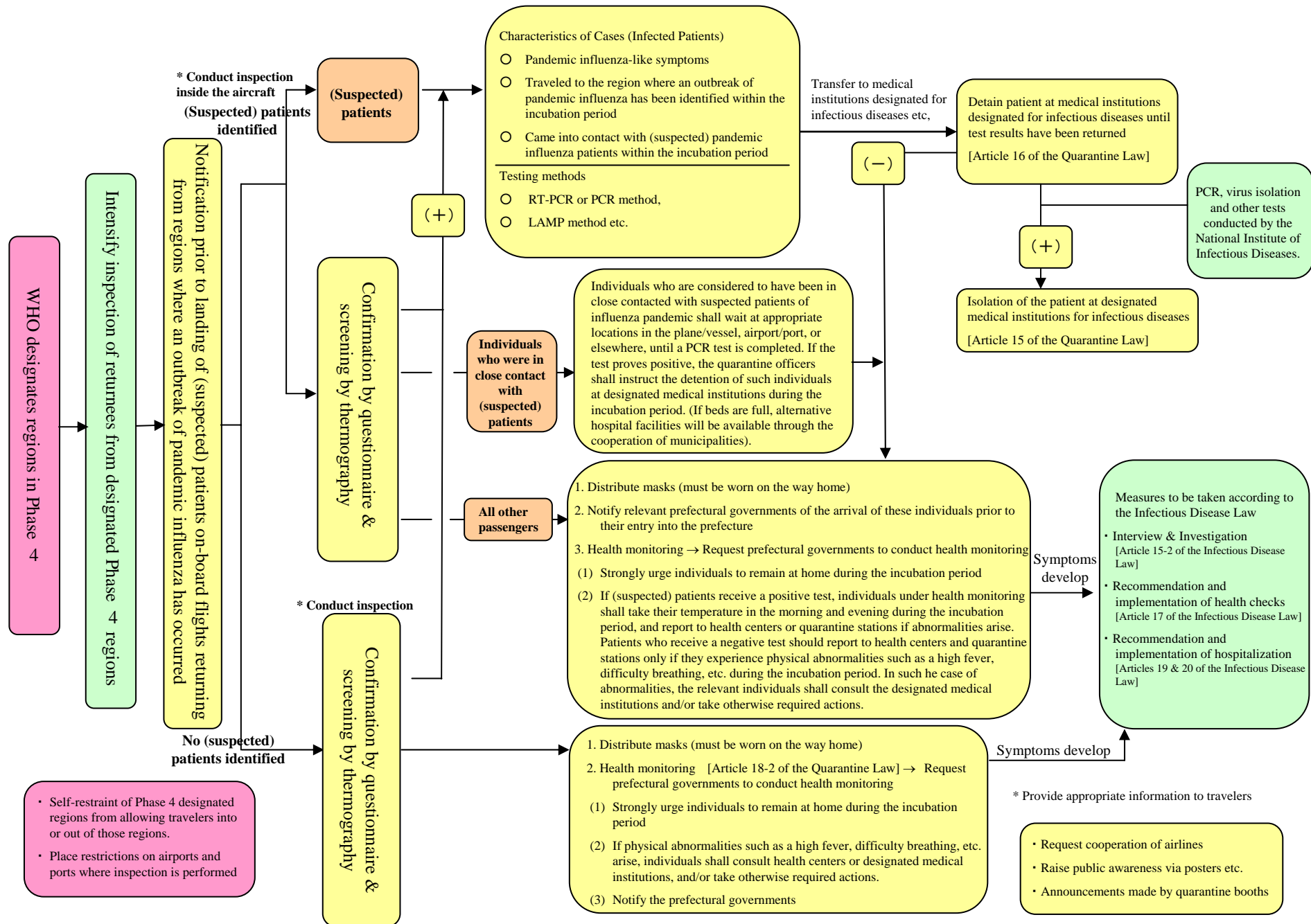


**Guideline for Quarantine System
of Pandemic Influenza**

**March 26, 2007
Pandemic Influenza Experts Advisory Committee**

Quarantine Guideline for Pandemic Influenza from Phase 4A Onwards



Guideline for Quarantine of Pandemic Influenza

1 Introduction

(1) Objective

These guidelines are formulated to specify quarantine measures mentioned in the Pandemic Influenza Preparedness Action Plan of the Japanese Government (hereinafter referred to as “Action Plan”). The Quarantine Guidelines aim to prevent the intrusion of pandemic influenza virus at the frontline as far as possible, through bolstered quarantine operations such as the screening of pandemic influenza patients in Phases 4A through 5A.

Appropriate measures shall be selected and implemented from these guidelines, considering international situations including response of the World Health Organization (WHO), as well as the expected infectiousness and pathogenicity of pandemic influenza.

In Phase 5B onwards, the focus of governmental actions shifts from quarantine measures at frontline and early response strategy to other aspects, and therefore reduction of immigrant quarantine operations shall be examined.

(2) Timing of implementation

These guidelines shall be implemented promptly when the WHO announces Phase 4 (Small cluster(s) with limited human-to-human transmission, but spread is highly localized), and pandemic influenza is designated as an infectious disease requiring quarantine under Article 34 of the Quarantine Law (Law No. 201, 1951) (hereinafter referred to as “Law”). These guidelines shall also apply to the cases where human-to-human transmission is identified while the WHO does not declare Phase 4, but the Government of Japan is required to take the same domestic measures as in Phase 4.

(3) Revision of these guidelines

Measures and other provisions in these guidelines are subject to continuous modification and addition as necessary, in line with new medical and scientific findings (on clinical symptoms*, epidemiological information etc.), as well as progress in laboratory technologies, pertaining to pandemic influenza.

* Clinical symptoms:

Influenza involves fever and respiratory symptoms in general. Symptoms of pandemic influenza shall be defined anew when human-to-human transmission occurs.

These guidelines are based on the assumption that diagnosis by PCR test would be possible, because genetic information of pandemic influenza virus will be identified when pandemic is confirmed.

2 Basic matters

(1) Restriction of travel to and from regions where infection occurs

As a basic idea, as Phase proceeds (or in response to the mutation of viral infectiousness or pathogenicity), the quality and quantity of quarantine for returnees to Japan shall be ensured by the following measures.

- 1) The Ministry of Foreign Affairs shall examine the issuance of infectious disease alert if the WHO designates a region for self-restraint from visiting, considering the risk and situations of that region.
- 2) The Government of Japan shall propose Japanese nationals staying in the country or region where pandemic influenza occurs to examine safety measures including evacuation, based on the issued infectious disease alert. If the government recommends evacuation, it shall provide necessary information to related institutions.
- 3) In line with the extent of outbreak in the region where infection occurs, the Ministry of Health, Labour and Welfare shall request airlines etc. through the Ministry of Land, Infrastructure and Transport to restrain from operations of charter and other flights arriving at non-quarantine airports. The request for restraint of airline operations shall be expanded as the threat increases, to include international regular flights etc.
- 4) As for vessels and planes arriving from the region where infection occurs, the Ministry of Health, Labour and Welfare shall examine the designation and integration of domestic quarantine locations in advance and as necessary, from the viewpoint of prevention of infection spread, based on the provisions of Section 2, Article 14 of the Law.
 - The ministry shall designate Narita, Kansai, Chubu and Fukuoka International Airports for passenger planes, and quarantined airports for cargo planes.
 - The ministry shall designate Yokohama, Kobe, Kanmon Ports and others for passenger ships, and quarantined ports for cargo ships.
 - Cargo ships may be difficult to integrate due to their load and other reasons. In such cases, the two ministries shall negotiate carefully to determine appropriate measures, in addition to mandatory risk control actions following advance notification of patients, etc.

As for detailed methods and timings of the above measures, the Ministry of Health, Labour and Welfare shall determine through consultation as necessary with other governmental agencies, municipalities and other related entities.

The Quarantine Operations Control Office shall examine in detail how to identify assistant operators and their duties, how to secure required accommodations, and other necessary issues, so that needs for assistance in quarantine operations should be satisfied in different situations of integration.

Related departments of the Ministry of Health, Labour and Welfare shall ensure that required personnel would be available from other medical institutions to form medical teams to respond to requests for assistance.

- 5) If vessels and planes from the region where infection occurs continue to arrive at the U.S. armed force facilities in Japan under the Japan-U.S. Status-of-Forces Agreement, the Government of Japan shall request its American counterpart to cooperate in appropriate quarantine measures at the U.S. armed force facilities and areas in Japan, to prevent the spread of infection.
- 6) All related agencies and institutions shall collaborate to share information and seek cooperation and understanding of the general public, because awareness and active participation of individual citizens are indispensable for effective quarantine operations to fight pandemic influenza.

(2) Response at quarantine stations

Quarantine stations shall identify the status of occurrence and outbreak worldwide, and take necessary measures as follows for immigrants from the region where infection or outbreak of pandemic influenza occurs. Measures at quarantine stations include i) Detention under Article 16 of the Law, or isolation under Article 15; and ii) Health monitoring and notification to the municipalities of passengers' residence under Article 18. These measures shall target at suspected patients of pandemic influenza, individuals who heavily contacted with patients, and general co-passengers. The measures shall be taken based on a) Pre-quarantine notification under Article 6 of the Law, b) Questionnaire survey on health status (hereinafter referred to as "questionnaire"; See Attachment 1 printed on the back of Attachment 2), and c) Check-up by physicians under Article 13.

To ensure effective implementation of the above, the directors of quarantine stations shall establish in advance initial response scheme for prompt crisis control. Individual quarantine stations shall have crisis control manuals in place, based on which chain of command and roles and responsibilities shall be confirmed in advance. The stations shall also conduct regular joint drills to respond in line with these guidelines. In addition, the stations shall consult with each other to prepare for assumed actions, in the case that smooth quarantine operations are required with external assistants who cooperate in turns.

Definitions of "individuals who heavily contacted with patients":

"Individuals who heavily contacted with patients" include relatives and friends accompanying suspected patients of pandemic influenza at the time of entry into Japan; groups and tour guides traveling with suspected patients; crew members attending suspected patients on board; individuals seated within a specified distance from suspected patients (as determined by the relevant quarantine station considering on-board air streams, air conditioning, movements of suspected patients and other related conditions) and so on.

These definitions are subject to modification and addition as necessary, following the identification of cases of pandemic influenza.

(3) Quarantine measures

1) Measures for suspected patients of pandemic influenza

If immigrants indicating high fever and coughs are suspected of infection by pandemic influenza, samples shall be taken on-board and PCR tests shall be conducted at quarantine stations.

- In principle, genetic identification by the PCR method shall be conducted at quarantine stations. If a branch quarantine station or office does not have required testing equipment, and if the transport of samples to a laboratory station is inappropriate due to distance reasons, an appropriate testing system shall be established in advance, such as requesting a nearby health institute to test the relevant samples. (To request a local health institute to conduct genetic identification by the PCR method, required arrangements shall be ensured through consultation with the government of the prefecture.)

After samples are taken, the relevant suspected patients shall be transferred to designated medical institutions for infectious diseases.

If the PCR test proves positive, samples shall be forwarded to the National Institute of Infectious Diseases for a confirming test. If the PCR test proves negative, detention of the relevant individual shall be lifted, though his/her health shall be monitored during the incubation period.

2) Detention and isolation (including hospitalization with medical institutions)

If suspected patients of pandemic influenza are identified, the directors of quarantine stations shall instruct their detention under Article 16 of the Law. The relevant individuals shall be transferred to designated medical institutions for infectious diseases for contract detention. In the case of emergency or other inescapable reasons, the directors of quarantine stations may entrust the hospitalization of suspected patients to hospitals or clinics other than designated medical institutions for infectious diseases, if the relevant hospitals/clinics have negative pressure beds and are deemed appropriate by the directors of quarantine stations. In the above case, the period of detention shall be determined by subtracting the days between the departure from the region where infection occurs and the arrival in Japan from ten (10) days. If the PCR test is conducted and proves positive of pandemic influenza, contract isolation shall commence under Article 15 of the Law.

It is important to determine in advance communication systems, transfer methods and other details with contract medical institutions.

3) Response to individuals who heavily contacted with (suspected) patients

Individuals who are considered to have heavily contacted with suspected patients of pandemic influenza shall wait at appropriate locations in the plane/vessel, airport/port or elsewhere, until the screening test of suspected patients completes. Quarantine officers or physicians shall interview and check such individuals while they are waiting.

- i) If the PCR test of suspected patients proves positive, the quarantine officers or physicians shall instruct the detention of individuals who heavily contacted with them at medical institutions (if beds are full, at alternative hospitalization facilities available through cooperation of municipalities).
- ii) If any of individuals who heavily contacted with patients are suspected of pandemic influenza, such individuals shall be tested by the PCR method, and transferred to designated medical institutions for infectious diseases as necessary.
- iii) If the PCR test of suspected patients proves negative, suggesting the absence of pandemic influenza virus, individuals who heavily contacted with patients may leave the waiting locations. Masks shall be distributed to such individuals. Health of such individuals shall be monitored during the incubation period. (The monitoring includes a) Wearing of masks distributed at quarantine stations on the way home, b) Self-restraint from outing for a specified period, c) Reporting of fevers and other abnormal physical conditions, among other instructions.)
- iv) In the case of health monitoring, quarantine stations shall report to the governors of prefectures (the mayors and heads of wards for cities and special districts operating health centers) in which the relevant individuals reside or stay that they are under health monitoring, and request the cooperation of governors as necessary in the observation of health status etc., thereby ensuring prompt response in the case of infection.

4) Response to general co-passengers (other than individuals who heavily contacted with patients)

- i) Check the health status of general co-passengers on board, through questionnaires, thermography¹ and other means.
- ii) Identify the names and contact information of such individuals on questionnaires (See Attachment 2 printed on the back of Attachment 1). Masks shall be distributed to such individuals. Health of such individuals shall be monitored based on Attachment 3, Health Report Instructions. (The monitoring includes a) Wearing of masks distributed at quarantine stations on the way home, b) Self-restraint from outing for a specified period, c) Taking temperatures in the morning and evening, and reporting fevers or other abnormal physical conditions, among other instructions.)

¹ Thermography

Refers to technology of identifying far infrared radiation from objects, images visualizing and analyzing thermal distribution based on such technology, and equipment to conduct such analysis.

- iii) In the case of health monitoring, quarantine stations shall report to the governors of prefectures (the mayors and heads of wards for cities and special districts operating health centers) in which the relevant individuals reside or stay that they are under health monitoring, and request the cooperation of governors as necessary in the observation of health status etc., thereby ensuring prompt response in the case of infection.
 - iv) “c) Taking temperatures in the morning and evening” is only required if the PCR test of the relevant suspected patients proves positive. If the PCR test of the relevant suspected patients proves negative of pandemic influenza, reporting is only required for fevers and abnormal physical conditions.
 - v) The directors of quarantine stations shall report the results of PCR and other tests of suspected patients of pandemic influenza promptly to the governors of prefectures (the mayors and heads of wards for cities and special districts operating health centers) in which the relevant individuals reside or stay.
- 5) Response to passengers of vessels and planes arriving from the region where infection occurs, in the case that no (suspected) patients are reported
- i) Identify the names and contact information of such passengers (individuals) on questionnaires, based on Section 2, Article 18 of the Law.
 - ii) Masks shall be distributed to such individuals. Health of such individuals shall be monitored based on the Health Report Instructions. (The monitoring includes a) Wearing of masks distributed at quarantine stations on the way home, b) Self-restraint from outing for a specified period, c) Reporting of fevers and other abnormal physical conditions, among other instructions.)
 - iii) If any of individuals under health monitoring instructed by quarantine stations report abnormal physical conditions after going home, the relevant quarantine stations shall notify promptly the health status of the relevant individuals, as well as instructions provided to and information reported from such individuals, to the governors of prefectures (the mayors and heads of wards for cities and special districts operating health centers) in which the relevant individuals reside or stay, using the designated form (Attachment 4) based on Section 3, Article 18 of the Law.
 - iv) At the same time, the directors of quarantine stations shall report measures that they implemented to the Tuberculosis and Infectious Diseases Control Division of the Ministry of Health, Labour and Welfare, through the Quarantine Operations Control Office.
- 6) Other

It is necessary that quarantine stations examine as necessary the separation of traffic lines of immigrants from the country where pandemic influenza occurs and of those from other countries, to prevent the spread of infection, such as installing an arrival gate dedicated for airplanes arriving from the country where infection occurs.

(4) Issuing provisional certificate of pratique²

If the threat of intrusion of pandemic influenza virus is considered minimal based on quarantine results, provisional certificate of pratique may be issued to vessels and planes (entering and) departing from the region where infection occurs and arriving in Japan within the incubation period, valid for a specified period shorter than the incubation period.

If provisional certificate of pratique is issued, the relevant vessel shall submit a list of ports it plans to enter within the incubation period, and report any abnormal physical conditions during that time to the issuing quarantine station. If such abnormalities are reported, the relevant quarantine station shall inform the quarantine station near the port in which the relevant vessel currently anchors, as well as the governor of the relevant prefecture. The station shall also report the abnormalities to the Tuberculosis and Infectious Diseases Control Division, through the Quarantine Operations Control Office.

(5) Information collection and provision

- 1) To implement effective quarantine measures, it is extremely important to collect prompt and accurate information on the regions where infection occurs, through the WHO and other international organizations, state governments, and Japanese diplomatic establishments abroad (such as embassies and consulates general). If the Quarantine Operations Control Office obtains such information, prompt and appropriate quarantine measures shall be taken based on the obtained information.
- 2) Because awareness and active participation of individual citizens are indispensable for effective quarantine operations to fight pandemic influenza, quarantine stations shall provide both immigrants and emigrants with information on the status of pandemic influenza overseas, measures to prevent infection etc. under the provisions of Section 1, Article 27-2 of the Law. Quarantine stations shall take any available measures for such public relations, including announcement on station websites; putting up posters at quarantine stations in ports and airports, as well as at departure lobbies; distribution of leaflets; announcement by quarantine officers; and so on.
- 3) In principle, the Ministry of Health, Labour and Welfare shall take charge of media relations and other external liaison activities concerning suspected or confirmed patients of pandemic influenza. If such activities by quarantine stations are required, they shall respond accordingly through consultation with the Quarantine Operations Control Office.

² Provisional certificate of pratique

Provisional certificate of pratique is only issued when the pathogen of quarantined infectious disease is considered unlikely to intrude into Japan. If the certificate of pratique cannot be issued because the days between the departure and the arrival in Japan are shorter than the incubation period of the quarantined infectious disease or for other reasons, but if the threat of intrusion of the pathogen is considered minimal, the provisional certificate of pratique may be issued on condition that temperatures etc. should be reported as necessary for a specified period. Vessels and planes may only enter Japanese ports if either of the above is issued.

(6) Collaboration with related institutions

Based on these guidelines, quarantine stations shall promote information sharing and collaboration with related institutions, including prefectural governments, to prevent the spread of pandemic influenza into Japan through quarantine operations. For example, quarantine stations shall announce the bolstered quarantine requirements in Japan during the boarding process to ensure the understanding and cooperation of passengers, in collaboration with airlines and shipping companies.

Quarantine stations shall also coordinate with other port and airport establishments relating to quarantine operations, to ensure prompt response in crisis control (for example, by identifying emergency contacts).

(7) Securing safety of quarantine officers etc.

- 1) It is necessary to provide quarantine officers etc. with specific explanations on infection prevention, response in the case of infection, protective measures for families, designation of public occupational hazards, and so on, so that the officers may concentrate on quarantine operations.
- 2) Quarantine officers shall have necessary personal protective equipment (PPE) at hand during quarantine operations. They shall also have good proficiency in the use of PPE.
- 3) Quarantine stations shall also emphasize and disseminate hand washing, disinfection of hands and fingers with disinfectant ethanol and gargling etc. for post-quarantine decontamination.
- 4) If it is identified that employees of quarantine stations have contacted with (suspected) patients of pandemic influenza, and if such employees are infected or suspected of infection, measures shall be taken as required by the Law. Specific procedures must be formulated in advance to ensure medical treatment of such employees.
- 5) Employees of quarantine stations are included in the scope of proactive epidemiological research conducted by the governors of prefectures under Article 15 of the Law. Therefore, it shall be disseminated in advance that the station employees shall cooperate to such research.

3 Quarantine response

(1) Quarantine of airplanes

1) If pre-quarantine notification by an airplane arriving from the region where infection occurs reports that individuals were identified on board indicating symptoms of pandemic influenza, the following response shall be taken.

i) Pre-arrival response

- a) If pre-quarantine notification (as specified by Article 6 of the Law) by an airplane arriving from the region where infection occurs reports that individuals were identified on board indicating symptoms of pandemic influenza, the relevant quarantine station shall confirm with the captain of the flight before its arrival on information required to determine that the reported individuals may have been infected by pandemic influenza.
- b) If it is identified through the process of a) that there are individuals on board matching the definitions for symptoms of pandemic influenza, the director of the quarantine station shall contact the airline company and others to confirm that infection prevention measures are in place on that flight.
- c) In principle, on-board quarantine shall be implemented in such cases. The quarantine station shall consult with the airline company and other related entities on required actions.
- d) The director of the quarantine station shall notify planned quarantine measures for the relevant flight to the immigration authorities, aeronautical stations and other related agencies in advance.

ii) Pre-arrival instructions

Through the airline company, the director of the quarantine station shall request the captain of the relevant flight to cooperate in the following measures.

- a) Taking measures for scattering prevention, such as requesting the reported individuals to wear masks as far as possible;
- b) Limiting crew members attending the reported individuals, and instructing such dedicated crew members to keep masks on;
- c) Taking as much clearance as possible between the reported individuals and other passengers; The dedicated crew members shall guide the reported individuals to the backmost seats etc. to take sufficient distance from other passengers;
- d) If it is impossible to take distance between the reported individuals and other passengers, take additional preventive measures such as requesting passengers around the reported individuals to wear masks; and

- e) Designating a dedicated lavatory nearest to the reported individuals, which other passengers shall not use.

These measures do not apply to cargo-only planes.

iii) Implementation of on-board quarantine

On-board quarantine shall be implemented in the following procedures. These procedures shall also apply to the cases where other forms of quarantine are adopted for inescapable reasons.

- a) Quarantine officers shall enter the plane, and check whether there is distance between the reported individuals and other passengers, and if there is no distance, whether passengers around the reported individuals wear masks. Under the provisions of Article 12 of the Law, quarantine officers shall also distribute questionnaires, survey sheets, and Health Report Instructions to all passengers and crew members, and instruct them to fill the distributed forms.
- b) Quarantine officers (physicians) shall interview and check the reported individuals on board, referring to the questionnaires. If physicians diagnose the reported individuals as suspected patients of pandemic influenza, the physicians shall report accordingly to the director of the quarantine station, who shall in turn determine detention measures (transfer and detention) for the suspected patients following sampling for laboratory tests.
- c) Quarantine officers shall guide the suspected patients directly from the plane to the transfer vehicle, using wheelchairs etc. as necessary.

Until preparations for transfer are complete, quarantine officers shall have the relevant suspected patients wait at appropriate locations in or around the quarantine station.

- d) Individuals who are considered to have heavily contacted with suspected patients of pandemic influenza shall wait at appropriate locations in the plane, airport facilities or elsewhere (detailed instructions are under examination), until the screening test of suspected patients completes. Quarantine officers (physicians) shall interview and check such individuals while they are waiting, based on the questionnaires.

If the PCR test of suspected patients proves positive, the quarantine officers or physicians shall instruct the detention of individuals who heavily contacted with them at medical institutions (if beds are full, at alternative hospitalization facilities available through cooperation of municipalities).

If any of individuals who heavily contacted with patients are suspected of pandemic influenza, such individuals shall be tested by the PCR method, and transferred to designated medical institutions for infectious diseases as necessary.

If the PCR test of suspected patients proves negative, suggesting the absence of pandemic influenza virus, individuals who heavily contacted with patients may leave the waiting locations. Masks shall be distributed to such individuals. Health of such individuals shall be monitored during the incubation period, based on the Health Status Instructions. (The monitoring includes a) Wearing of masks distributed at quarantine stations on the way home, b) Self-restraint from outing for a specified period, c) Reporting of fevers and other abnormal physical conditions, among other instructions.)

In the case of health monitoring, quarantine stations shall report to the governors of prefectures (the mayors and heads of wards for cities and special districts operating health centers) in which the relevant individuals reside or stay that they are under health monitoring, and request the cooperation of governors as necessary in the observation of health status etc., thereby ensuring prompt response in the case of infection.

The directors of quarantine stations shall report the results of PCR and other tests of suspected patients of pandemic influenza promptly to the governors of prefectures (the mayors and heads of wards for cities and special districts operating health centers) in which the relevant individuals reside or stay.

- e) After suspected patients and individuals who heavily contacted with patients are guided out of the plane, quarantine officers shall collect questionnaires etc. from general co-passengers, and check their health status by thermography and other methods. If abnormalities are identified, physicians shall check the relevant passengers (individuals). Quarantine officers shall then identify the names and contact information of such individuals on questionnaires (See Attachment 2 printed on the back of Attachment 1). Masks shall be distributed to such individuals. Health of such individuals shall be monitored based on Attachment 3, Health Report Instructions. (The monitoring includes a) Wearing of masks distributed at quarantine stations on the way home, b) Self-restraint from outing for a specified period, c) Taking temperatures in the morning and evening, and reporting fevers or other abnormal physical conditions, among other instructions.)

In the case of health monitoring, quarantine stations shall report to the governors of prefectures (the mayors and heads of wards for cities and special districts operating health centers) in which the relevant individuals reside or stay that they are under health monitoring, and request the cooperation of governors as necessary in the observation of health status etc., thereby ensuring prompt response in the case of infection.

Note that “c) Taking temperatures in the morning and evening” is only required if the PCR test of the relevant suspected patients proves positive. If the PCR test of the relevant suspected patients proves negative of pandemic influenza, reporting is only required for fevers and abnormal physical conditions.

The directors of quarantine stations shall report the results of PCR and other tests of suspected patients of pandemic influenza promptly to the governors

of prefectures (the mayors and heads of wards for cities and special districts operating health centers) in which the relevant individuals reside or stay.

- f) Quarantine officers shall report measures that they implemented to the Tuberculosis and Infectious Diseases Control Division of the Ministry of Health, Labour and Welfare, through the Quarantine Operations Control Office.
 - g) Quarantine officers shall request the captain of the flight and the airline company to keep air conditioning in the plane on during quarantine operations on board and around the airplane, and to instruct maintenance operators not to come near the plane's air outlets, for the sake of infection prevention.
- iv) Measures related to suspected patients of pandemic influenza
- a) Basic matters before transfer
 - (a) The directors of quarantine stations shall notify the information of suspected patients and expected arrival time to the designated medical institutions for infectious diseases (in the case of emergency or other inescapable reasons, hospitals or clinics other than designated medical institutions for infectious diseases, if the relevant hospitals/clinics have negative pressure beds and are deemed appropriate by the directors of quarantine stations), to ensure appropriate infection control at the arrival of suspected patients.
 - (b) The directors of quarantine stations shall notify the transfer of suspected patients in advance to immigrant authorities, customs and other related agencies, as well as municipal agencies (including health centers governing the locations of the airport and medical institutions).
 - (c) It is preferable that the transfer routes are safe, enabling stable traffic.
 - b) Detention measures
 - (a) In the case of detention measures specified by Article 16 of the Law, physicians shall inform the relevant individuals of required transfer in advance.
 - (b) Quarantine officers and other operators contacting with suspected patients during transfer shall take necessary protective measures.
 - c) Disinfection

Quarantine officers shall perform the following disinfection measures based on Article 14 of the Law. Disinfecting officers shall take necessary protective measures.

- (a) Disinfection of carry-on luggage of suspected patients of pandemic influenza; and
- (b) Disinfection of seats around suspected patients, lavatories that they contacted, utensils that they used etc.

d) Transfer of individuals who heavily contacted with patients

Quarantine officers shall transfer individuals who are diagnosed as relatively likely to be infected in transfer vehicles to medical institutions (if beds are full, to alternative hospitalization facilities available through cooperation of municipalities).

Quarantine officers shall request such individuals to wear masks, and take necessary protective measures for themselves to prevent any risks of infection.

e) Response to reports from individuals under health monitoring

In principle, if any of individuals under health monitoring instructed by quarantine stations report abnormal physical conditions after going home, the relevant quarantine stations shall notify promptly the health status of the relevant individuals, as well as instructions provided to and information reported from such individuals, to the governors of prefectures (the mayors and heads of wards for cities and special districts operating health centers) in which the relevant individuals reside or stay, using the designated form based on Section 3, Article 18 of the Law. Quarantine stations shall also report the abnormalities to the Tuberculosis and Infectious Diseases Control Division, through the Quarantine Operations Control Office.

This does not apply to such individuals for whom the cooperation of relevant municipal governments is ensured in the observation of health status etc.

2) If pre-quarantine notification reports that no individuals were identified on board indicating symptoms of pandemic influenza

Quarantine officers shall request the captain of the airplane arriving from the region where infection occurs to submit and/or present documentation specified by Section 2, Article 11 of the Law, and confirm that there are no individuals on board indicating symptoms of pandemic influenza based on the submitted/presented documentation (e.g. written declaration).

i) Questionnaires and temperatures

Quarantine officers shall collect questionnaires from all passengers and crew members arriving from the region where infection occurs, beside the plane. Quarantine officers shall check the health status of passengers and the levels of exposure to pandemic influenza before arrival. They shall also take the temperatures of passengers using thermography, radiation thermometers and other methods, thereby identifying individuals with high fevers.

Quarantine officers shall then identify the names and contact information of such individuals on survey sheets, based on Section 2, Article 18 of the Law. Masks shall be distributed to such individuals. Health of such individuals shall be monitored

based on Health Report Instructions. (The monitoring includes a) Wearing of masks distributed at quarantine stations on the way home, b) Self-restraint from outing for a specified period, and c) Reporting of fevers or other abnormal physical conditions, among other instructions.)

If any of individuals under health monitoring instructed by quarantine stations report abnormal physical conditions after going home, the relevant quarantine stations shall report immediately the abnormalities to the Tuberculosis and Infectious Diseases Control Division, through the Quarantine Operations Control Office. The quarantine stations shall also notify promptly the health status of the relevant individuals, as well as instructions provided to and information reported from such individuals, to the governors of prefectures (the mayors and heads of wards for cities and special districts operating health centers) in which the relevant individuals reside or stay, using the designated form based on Section 3, Article 18 of the Law (Attachment 4).

ii) Response to individuals indicating symptoms of pandemic influenza

If individuals indicating symptoms of pandemic influenza are identified through questionnaires etc., physicians shall interview and check such individuals immediately. If physicians diagnose such individuals as suspected patients of pandemic influenza, measures shall be taken as specified by 3 – (1) – 1) – iii) onwards.

3) Other

Quarantine stations shall request transit passengers in the departure area to declare travels through or stays in the region where infection occurs as far as possible. Quarantine stations shall also seek to identify (suspected) patients in the departure area, with cooperation of ground personnel. If individuals indicating symptoms of pandemic influenza request immigration for medical or other treatment, the same measures as normal quarantine shall be taken as specified by 3 – (1) – 1) – iii) onwards.

(2) Quarantine of vessels

1) If pre-quarantine notification by a vessel arriving from the region where infection occurs within the incubation period reports that individuals were identified on board indicating symptoms of pandemic influenza

The relevant quarantine station shall confirm with the captain of the vessel before its arrival on information required to determine that the reported individuals may have been infected by pandemic influenza. If it is identified through the process as above that there are individuals on board suspected of infection by pandemic influenza, the director of the quarantine station shall instruct on-board or on-shore quarantine³ at a quarantine port based on Section 2, Article 14 of the Law, even though the relevant vessel has prior permit to enter a non-quarantine port.

³ On-board or on-shore quarantine

In on-board quarantine, quarantine officers instruct an arriving vessel to anchor in the designated quarantine area, and inspect the vessel on board. If quarantine in the designated area is difficult due to bad weather, cargo of hazardous substances etc., the director of the quarantine station may instruct on-shore quarantine, where quarantine officers inspect the vessel on board after it anchors alongside the pier.

The director of the quarantine station shall contact the shipping agent and others to notify the implementation of on-board or on-shore quarantine based on Section 3, Article 8 of the Quarantine Law, and confirm that appropriate infection prevention measures are in place on that vessel.

On-shore quarantine shall be implemented if on-board quarantine is difficult due to bad weather, transfer of (suspected) patients etc. Quarantine stations shall determine in advance the piers, locations and other details of on-shore quarantine through consultation with port administrators, coast guard departments and other related entities.

i) Pre-arrival instructions

If quarantine officers receive notification from a vessel arriving from the region where infection occurs within the incubation period that individuals indicating symptoms of pandemic influenza were identified among its passengers or crew members, the quarantine officers shall contact the relevant vessel through its shipping agent to notify the implementation of on-board or on-shore quarantine, and to provide the following instructions.

- a) Isolating the individuals indicating symptoms of pandemic influenza in a separate room; If there is no separate room, taking measures for scattering prevention, such as requesting the reported individuals to wear masks as far as possible;
- b) Limiting crew members attending the reported individuals, and instructing such members to take protective measures such as wearing masks and gloves, washing their hands, gargling etc.;
- c) Recording and reporting temperatures and symptoms of such individuals in the morning and evening, as well as use of any drugs;
- d) Designating lavatories for the reported individuals, and disinfecting such lavatories as appropriate; Use appropriate disinfectants such as disinfectant alcohol, sodium hypochlorite solution etc.;
- e) Sending the questionnaire sheet (Attachment 1) by fax or e-mail to the vessel through the shipping agent, and requesting all passengers and crew members to fill in the questionnaires before quarantine;
- f) Requesting general co-passengers to wash their hands, gargle and wear masks as far as possible; and
- g) Instructing the crew members to turn off the air conditioning as necessary.

ii) Information provision to related institutions, harbor pilots etc.

- a) Quarantine officers shall provide detailed information on the region where infection occurs and/or spreads, outbreak status, types of transmission, symptoms, methods of prevention etc., to coast guard departments, harbor or bay pilots⁴, and other entities that go on board of vessels that intend to enter

⁴ Harbor or bay pilots

Refers to specialists who assist the captains of ocean vessels in ports, straits and inland seas with heavy vessel traffic, to guide such vessels safely and efficiently, because it is difficult for the captains to familiarize in all such waters.

Japan, but are still offshore and have not been quarantined. Quarantine stations shall also provide the following instructions to such entities.

- Members of such entities shall wear masks and gloves when going on board of aforementioned vessels.
- If harbor or bay pilots and others enter the vessel together with quarantine officers, they shall not disembark until the quarantine process completes based on Article 5 of the Law. Quarantine officers shall disinfect harbor or bay pilots and others before disembarkation.

iii) Implementation of on-board quarantine

- a) Quarantine officers shall notify port administrators, coast guard departments and other related entities that suspected patients of pandemic influenza may be on board of the relevant vessel, and that on-board or on-shore quarantine will be implemented. Quarantine officers shall also prepare necessary equipment in accordance with the seriousness of conditions of the reported individuals.
- b) Quarantine officers shall listen to explanations on the reported individuals, individuals who heavily contacted with patients, and general co-passengers and crew members, from the captain, sanitation manager etc. of the vessel. Quarantine officers shall also distribute the survey sheet (Attachment 2) and Health Report Instructions (Attachment 3), and request passengers and crew members to fill the distributed forms.
- c) Quarantine officers (physicians) shall interview and check the reported individuals in a separate room on the vessel, referring to the questionnaires. If physicians diagnose the reported individuals as suspected patients of pandemic influenza, the physicians shall report accordingly to the director of the quarantine station, who shall in turn determine detention measures (transfer and detention) for the suspected patients following sampling for laboratory tests. The director of the quarantine station shall then instruct quarantine officers to prepare for transfer to medical institutions.
- d) Individuals who are considered to have heavily contacted with suspected patients of pandemic influenza shall wait at appropriate locations in the vessel, port facilities or elsewhere, until the screening test of suspected patients completes. Quarantine officers (physicians) shall interview and check such individuals while they are waiting, based on the questionnaires.

If the PCR test of suspected patients proves positive, the quarantine officers or physicians shall instruct the detention of individuals who heavily contacted with them in the vessel or at medical institutions (if beds are full, at alternative hospitalization facilities available through cooperation of municipalities) during the incubation period.

If any of individuals who heavily contacted with patients are suspected of pandemic influenza during the detention period, such individuals shall be tested by the PCR method, and transferred to designated medical institutions for infectious diseases as necessary.

If the PCR test of suspected patients proves negative, suggesting the absence of pandemic influenza virus, individuals who heavily contacted with patients may leave the waiting locations. Masks shall be distributed to such individuals. Health of such individuals shall be monitored during the incubation period, based on the Health Status Instructions. (The monitoring includes a) Wearing of masks distributed at quarantine stations on the way home, b) Self-restraint from outing for a specified period, c) Reporting of fevers and other abnormal physical conditions, among other instructions.)

In the case of health monitoring, quarantine stations shall report to the governors of prefectures (the mayors and heads of wards for cities and special districts operating health centers) in which the relevant individuals reside or stay that they are under health monitoring, and request the cooperation of governors as necessary in the observation of health status etc., thereby ensuring prompt response in the case of infection.

The directors of quarantine stations shall report the results of PCR and other tests of suspected patients of pandemic influenza promptly to the governors of prefectures (the mayors and heads of wards for cities and special districts operating health centers) in which the relevant individuals reside or stay.

- e) After suspected patients and individuals who heavily contacted with patients are guided out of the vessel, quarantine officers shall collect questionnaires etc. from general passengers and crew members, and check their health status by thermography and other methods on board. If abnormalities are identified, physicians shall check the relevant passengers (individuals). Quarantine officers shall then identify the names and contact information of such individuals on questionnaires (See Attachment 2 printed on the back of Attachment 1). Masks shall be distributed to such individuals. Health of such individuals shall be monitored based on Attachment 3, Health Report Instructions. (The monitoring includes a) Wearing of masks distributed at quarantine stations on the way home, b) Self-restraint from outing for a specified period, c) Taking temperatures in the morning and evening, and reporting fevers or other abnormal physical conditions, among other instructions.)

In the case of health monitoring, quarantine stations shall report to the governors of prefectures (the mayors and heads of wards for cities and special districts operating health centers) in which the relevant individuals reside or stay that they are under health monitoring, and request the cooperation of governors as necessary in the observation of health status etc., thereby ensuring prompt response in the case of infection.

Note that “c) Taking temperatures in the morning and evening” is only required if the PCR test of the relevant suspected patients proves positive. If the PCR test of the relevant suspected patients proves negative of pandemic influenza, reporting is only required for fevers and abnormal physical conditions.

The directors of quarantine stations shall report the results of PCR and other tests of suspected patients of pandemic influenza promptly to the governors

of prefectures (the mayors and heads of wards for cities and special districts operating health centers) in which the relevant individuals reside or stay.

- f) Quarantine officers shall report measures that they implemented to the Tuberculosis and Infectious Diseases Control Division of the Ministry of Health, Labour and Welfare, through the Quarantine Operations Control Office. Quarantine officers shall also provide the relevant information to port administrators, coast guard departments and other related entities.
- iv) Detention measures for suspected patients of pandemic influenza
- a) Basic matters before transfer
 - (a) The directors of quarantine stations shall notify the information of suspected patients and expected arrival time to the designated medical institutions for infectious diseases (in the case of emergency or other inescapable reasons, hospitals or clinics other than designated medical institutions for infectious diseases, if the relevant hospitals/clinics are deemed appropriate by the directors of quarantine stations), to ensure appropriate infection control at the arrival of suspected patients.
 - (b) The directors of quarantine stations shall notify the transfer of suspected patients in advance to immigrant authorities, customs and other related agencies, as well as municipal agencies (including health centers governing the locations of the port and medical institutions).
 - (c) It is preferable that the transfer routes are safe, enabling stable traffic.
 - b) Detention measures

In the case of detention measures specified by Article 16 of the Law, physicians shall inform the relevant individuals of required transfer in advance.

Quarantine officers and other operators contacting with suspected patients during transfer shall take necessary protective measures.
 - c) Disinfection

Quarantine officers shall perform the following disinfection measures based on Article 14 of the Law. Disinfecting officers shall take necessary protective measures.

 - (a) Disinfection of carry-on luggage of suspected patients of pandemic influenza; and
 - (b) Disinfection of the rooms of suspected patients, washing rooms and lavatories that they used etc.
 - d) Transfer of individuals who heavily contacted with patients

Quarantine officers shall transfer individuals who are diagnosed as relatively likely to be infected in transfer vehicles to medical institutions (if beds are full, to alternative hospitalization facilities available through cooperation of municipalities).

Quarantine officers shall request such individuals to wear masks, and take necessary protective measures for themselves to prevent any risks of infection.

e) Response to reports from individuals under health monitoring

If any of individuals under health monitoring instructed by quarantine stations report abnormal physical conditions after going home, the relevant quarantine stations shall report immediately the abnormalities to the Tuberculosis and Infectious Diseases Control Division, through the Quarantine Operations Control Office. The quarantine stations shall also notify promptly the health status of the relevant individuals, as well as instructions provided to and information reported from such individuals, to the governors of prefectures (the mayors and heads of wards for cities and special districts operating health centers) in which the relevant individuals reside or stay, using the designated form based on Section 3, Article 18 of the Law (Attachment 4).

This does not apply to such individuals for whom the cooperation of relevant municipal governments is ensured in the observation of health status etc.

2) If pre-quarantine notification reports that no individuals were identified on board indicating symptoms of pandemic influenza

Quarantine stations shall implement on-board or on-shore quarantine of passenger ships (including cargo-passengers ships) at a quarantine port (designating locations to anchor as necessary).

As for cargo ships, quarantine stations shall request the captains through the shipping agents etc. to review information required to determine that individuals may have been infected by pandemic influenza. If it is confirmed that there are no individuals on board indicating symptoms of pandemic influenza, the relevant vessel shall enter a quarantine port and receive radio quarantine based on Section 2, Article 14 of the Law, even though the relevant vessel has prior permit to enter a non-quarantine port.

Quarantine stations shall collaborate with related institutions in requesting crew members to restrain from disembarkation during the incubation period.

i) Quarantine of crew members and passengers

Quarantine officers shall collect questionnaires from all passengers and crew members arriving from the region where pandemic influenza occurs, on the vessel. Quarantine officers shall check the health status of passengers and the levels of exposure to pandemic influenza before arrival. They shall also take the temperatures of passengers using thermography, radiation thermometers and other methods, thereby identifying individuals with high fevers.

Quarantine officers shall then identify the names and contact information of such individuals on survey sheets, based on Section 2, Article 18 of the Law. Masks shall be distributed to such individuals. Health of such individuals shall be monitored based on Health Report Instructions. (The monitoring includes a) Wearing of masks distributed at quarantine stations on the way home, b) Self-restraint from outing for a specified period, and c) Reporting of fevers or other abnormal physical conditions, among other instructions.)

If any of individuals under health monitoring instructed by quarantine stations report abnormal physical conditions after going home, the relevant quarantine stations shall report immediately the abnormalities to the Tuberculosis and Infectious Diseases Control Division, through the Quarantine Operations Control Office. The quarantine stations shall also notify promptly the health status of the relevant individuals, as well as instructions provided to and information reported from such individuals, to the governors of prefectures (the mayors and heads of wards for cities and special districts operating health centers) in which the relevant individuals reside or stay, using the designated form based on Section 3, Article 18 of the Law (Attachment 4).

ii) Response to individuals indicating symptoms of pandemic influenza

If individuals indicating symptoms of pandemic influenza are identified through questionnaires etc. in i), physicians shall interview and check such individuals immediately. If physicians diagnose such individuals as suspected patients of pandemic influenza, measures shall be taken as specified by 3 – (1) – 1) – iii) onwards.

3) If a vessel departs from the region where pandemic influenza occurs, and arrives in Japan after the incubation period

Quarantine stations shall implement on-board or on-shore quarantine of passenger ships (including cargo-passengers ships) at a quarantine port. As for cargo ships, quarantine stations shall request the captains through the shipping agents etc. to review information required to determine that individuals may have been infected by pandemic influenza. If it is confirmed that there are no individuals on board indicating symptoms of pandemic influenza, the relevant vessel shall receive radio quarantine.

i) Questionnaires and health check cards

Quarantine officers shall distribute questionnaires to all passengers and crew members, and request them to fill the distributed sheets. Quarantine officers shall then collect the filled questionnaire sheets and check their health status and levels of exposure to pandemic influenza before arrival. They shall also take the temperatures of passengers using thermography, radiation thermometers and other methods, thereby identifying individuals with high fevers.

Quarantine officers shall also distribute masks and health check cards (Attachment 5), and give advice on health check and infection preparedness.

4 Others

(1) Response to illegal immigrants and refugees

Quarantine of illegal immigrants and refugees shall be conducted with cooperation of the Japan Coast Guard and other related institutions, securing the safety of quarantine station employees. If (suspected) patients of infectious diseases are identified, detention, isolation and/or other necessary measures shall be taken in line with 3 – (2) – 1) –iv).

If such illegal immigrants and refugees are identified in Japan, necessary measures shall be taken in collaboration with related institutions.

(2) Requesting cooperation of related institutions

1) Requesting cooperation of the police

If quarantine station employees receive assault or other conducts by immigrants that interfere with the fulfillment of quarantine operations, or if station employees otherwise consider the fulfillment of quarantine operations difficult, they shall call for police officers as necessary, and/or bolster collaboration with the police to ensure smooth quarantine operations.

2) Requesting cooperation of the Japan Coast Guard

If quarantine stations etc. request the Japan Coast Guard to transfer (suspected) patients of pandemic influenza using patrol boats or other vessels, quarantine station employees shall provide the relevant JCG officers with advice on infection prevention, disinfection following transfer, health check of JCG members etc., as well as supplying related equipment as necessary.

(3) Requesting cooperation of related institutions

The Ministry of Health, Labour and Welfare shall request collaboration of municipal governments, designated medical institutions for infectious diseases, and other related institutions, because active cooperation of such institutions is indispensable for effective quarantine operations.

(4) Types and methods of use of disinfectants

Refer to the attached “Environmental Maintenance and Disinfection of Locations Where (Suspected) Patients Stay” (an excerpt from the Proactive Epidemiological Research Guidelines) for issues pertaining to disinfectants and environmental maintenance.

(5) Analysis of pandemic influenza cases in Japan

The Government of Japan shall collect the data of proactive epidemiological research etc. on pandemic influenza cases in Japan, verify the effects of quarantine measures and response, and revise them as necessary.

Questionnaire on Health Status

Name _____

Sex M F Age _____ Passport No. _____

Occupation _____

Arriving date _____, Flight _____, Seat No. _____

Countries/regions you traveled to or stayed in over that past four days

Addresses and contact information in Japan and/or your home country

Japan: _____ Telephone: - -

Home country: _____ Telephone: - -

Answer below questions on your health status.

- Fever (°C) Yes No
- Severe coughs, breathing difficulty etc. Yes No
- Use of antipyretic or other drugs Yes No

Answer contacts with (suspected) pandemic influenza patients over the ____ days before arrival.

(1) Did you visit or stay in a region where infection occurs?
..... Yes No

(2) Did you visit a hospitalized (suspected) pandemic influenza patient or otherwise contact such individuals? Yes No

I declare as above stated. Date (Month Date, Year):

Signature _____

This questionnaire is required to simplify the quarantine protocol specified by Article 12 of the Quarantine Law. Please answer all questions truthfully. If you refuse to answer or provide false information, you are subject to imprisonment or fine under Item 3, Article 36 of the Law.

Survey Sheet

Please fill out inside the outer frame.

Name:		
Age:	Sex: <input type="checkbox"/> M <input type="checkbox"/> F Nationality:	
Occupation:		
Regions you traveled to/Locations where you may have contacted (suspected) pandemic influenza patients (Please describe)		
Countries and regions:		
Contact information in Japan (If you are a tourist, please indicate your itinerary at the bottom)		
Address:		
Telephone:		
ITINERARY	Period	Contact information
	*From (date)	Accommodation: Address: Telephone:
	To (date)	
	*From (date)	Accommodation: Address: Telephone:
	To (date)	
	Planned departure from Japan Date: Airport: Flight:	
	If you are a tourist, please indicate your travel agency etc. If you have a printed itinerary, please attach its copy. Travel agency etc.: Agency address: Telephone: Contact person:	

* Indicate your schedule for ___ days from today.

This survey is based on Section 2, Article 18 of the Quarantine Law. The information you provided to the quarantine station will be strictly controlled to protect your personal information. If you refuse to answer or provide false information, you are subject to imprisonment or fine under Item 7, Article 36 of the Law.

[Used by the quarantine station]

Results of medical check	
- Fever: Yes / No (Temperature at the medical check: °C)	
- Severe coughs, breathing difficulty, other respiratory symptoms: Yes / No	
Date of check (Month Date, Year):	Physician:
Name of quarantine station:	Quarantine ID:

Instructions to Immigrants into Japan

(Health Report Instructions)

- Please observe the following instructions from today to the end of the period specified below.
 - During the period specified below, take your temperatures twice a day (in the morning and in the evening), and report to the quarantine station indicated below.
 - If you experience fever, severe coughs, breathing difficulty or other respiratory symptoms, report immediately as follows.
 - 1) Contact the quarantine station indicated below, and report your name, quarantine ID and your present status. Follow the instructions given by the quarantine station's representative.
 - 2) Contact a local health center or medical institution, ask about appropriate facilities and methods of consultation, and receive a medical check by a medical institution.
 - If you leave Japan before the end of the specified period, contact the quarantine station indicated below and report your embarkation.
- Your quarantine code: _____
- You are required to report to the following quarantine station until:

Quarantine station:		
Address		
Telephone		Morning report (From : a.m. to : p.m.)
		Evening report (From : a.m. to : p.m.)
Emergency contact in the case of high fever etc. (after the above indicated hours):		

Note 1. This reporting is based on Section 2, Article 18 of the Quarantine Law. Please answer all questions truthfully. If you neglect the reporting or report false information, you are subject to imprisonment or fine under Item 7, Article 36 of the Law.

Instructions to Immigrants Who Stayed in Regions Where Pandemic Influenza Occurs

1. There are some asymptomatic days after the infection of pandemic influenza. Therefore, the observation period is set by law. To ensure pandemic influenza preparedness, please observe the following instructions for _____ days.
 - (1) Take the temperature in the morning and evening and check your health status for days.
 - (2) After returning home, please wear the distributed mask when you go out to prevent the spread of the infection .
 - (3) If you develop any of the following symptoms, contact a health center to report that you returned from a region where pandemic influenza occurs, and ask for advice on appropriate medical facilities. Receive an examination by a physician at an advised medical institution.
 - Fever • Severe coughs, breathing difficulty and other respiratory symptoms
2. If your family etc. develop the abovementioned symptoms, contact a local health center or medical institution by telephone, and follow their instructions. At that time, report that you returned from a region where pandemic influenza occurs.

Take this sheet to a medical institution as necessary.

Ministry of Health, Labour and Welfare/Quarantine Station