

Sub: Ships coming from Yellow Fever Endemic area –  
Standard Operating Procedures(SOP) – Reg.

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The following Standard Operating Procedures (SOP) will apply to ships coming to Chennai Port as first Port of call after calling any yellow fever endemic countries ports within last 30 days.

(A) The Port Health Officer(PHO) will board the ship along with the Pilot between sunrise and sunset only.

(B) As soon as the ship is in contact with Signal Station or when the documents are ready for waiting ship, the Signal Station will inform the PHO in the following contact numbers:

- a. Land Line - 044-25260038
- b. Mobile No. - 9428506206 / 8667000923 / 9003080850
- c. Email ID - pho.chn-mohfw@gov.in / quarantinechennai@yahoo.com

The Signal Station will also ensure that the Agent has made necessary arrangements for the PHO to accompany the Pilot to the ship.

(C) In case of any unforeseen delay or inability of PHO to accompany the Pilot, in such case with the approval and special instructions of the PHO by telecon to the Pilot or through the Signal Station, the PHO will board the ship inside the breakwater prior to berthing.

(D) The Shipping Agents to send the YF Suspected Ship Sanitary Guidelines for all the YF Suspected ships and follow up with PHO by email 5 days prior to arrival to Chennai Port.

All Agents are requested to strictly abide by the above Standard Operating Procedures in order to ensure that there is no delay in berthing of vessels.



Port Health Officer, Chennai



Deputy Conservator, Chennai Port Trust.

Enclosure: - 1. YF Suspected Ship Sanitary Guidelines 2. The YF Endemic Countries List 3. YF Suspected Ship Proforma.

## ***Yellow Fever Countries List***

### **YELLOW FEVER ENDEMIC COUNTRIES LIST**

#### **Africa**

1. Angola.
2. Benin.
3. Burkino Faso.
4. Burundi.
5. Cameroon.
6. Central African Republic.
7. Chad.
8. Congo.
9. Ivory Coast.
10. Democratic Republic of Congo (Zaire).
11. Equatorial Guinea.
12. Ethiopia
13. Gabon.
14. Gambia.
15. Ghana.
16. Guinea.
17. Guinea – Bissau.
18. Kenya.
19. Liberia.
20. Mali.
21. Mauritania
22. Niger.
23. Nigeria.
23. Rwanda.
25. Senegal.
26. Sierra Leone.
27. Sudan.
28. South Sudan
29. Togo.
30. Uganda.

#### **South America**

1. Argentina.
2. Bolivia.
3. Brazil.
4. Colombia.
5. Ecuador.
6. French Guyana.
7. Guyana.
8. Panama.
9. Paraguay.
10. Peru.
11. Suriname.
12. Trinidad & Tobago.
13. Venezuela.



Any ship arriving from the Ports of the above listed countries within 30 days are considered suspected and has to get Free Pratique (Health Clearance), from the Port Health Officer, at the first Indian Port of Call.

**SANITARY GUIDELINES FOR THE MASTER OF INCOMING VESSELS COMING FROM YELLOW FEVER INFECTED AREAS WITHIN 30 DAYS AT OF CHENNAI, ENNORE: -**

All ships which have touched any ports from the Yellow Fever endemic countries of Africa or South America (List enclosed as a separate document), coming to India within 30 days, irrespective of the number of intermediate ports touched before 30 days, will have to undergo Health Screening by the Port Health Officer, Kandla and obtain free pratique before the berthing or operations of the vessel.

**PRE-ARRIVAL SHIP PREPARATION**

1. The ship must hoist the "QQ" Flag (2 Yellow Quarantine Flags) and must be anchored 500 meters away from shore and other vessels till the vessel is given free pratique.
2. No persons are to be allowed to board the vessel until free pratique is granted. In case of need of Emergency Medical assistance or requirement of provisions, water Port Health Officer's written permission to be taken.
3. All the crew must posses valid Yellow Fever Vaccination Certificate as per the WHO, International Health Regulations-1969 or 2005 Format. The Vaccination book must have date of vaccination, signing authority stamp with signature, Batch number & Manufacturer of Vaccine, stamp of the vaccination centre and the signature of the vaccinee. If any of this is missing then the certificate is invalid or if there is unvaccinated crew on board then the sanitary measures or Quarantine of the ship will be applied as per the Inspection accordingly for 6 days or 30 days from the departure date, whichever is earlier.
4. The ship must be kept clean from all deck water collection 24 hrs & 6 hrs., before arrival to Outer Tuna Buoy, Kandla or the Anchorage Point in case of minor ports of Gujarat.
5. No water storage in drums or any other containers are allowed. To drain all water storage appliances 24 hours & 6 hours before arrival to the port.
6. If there is water rationing, the appliances to be covered.
7. All the Yellow Fever Vaccination books, Medical Log book, Shore Medical Assistance log book, Ship Sanitation Control /Exemption Certificate & Medicine Chest Certificate must be kept ready for inspection.
8. All the crew who have joined the vessel in the last one month to be given in the Maritime Declaration of Health as follows.  
Name, Port of Joining, Date & Nationality. All those crew to be present with their Passport for Health screening, by the Quarantine Inspectors.
9. If the ship is staying in anchorage for greater than 3 days, the deck must be cleaned and kept dry of any standing water every 4<sup>th</sup> day of stay.

10. How many of your crew went on shore leave to city? If so the details.

15. To have rodents & insects (cockroaches, mosquitoes etc.) free. Pest Control measures may be applied if there are pests.

16. *The following documents to be sent by e-mail 5 days before arrival to the Ports in Gujarat Coast, to [phokandla@gmail.com](mailto:phokandla@gmail.com)*

1. MARITIME DECLARATION OF HEALTH WITH THE FILLED ATTACHED SCHEDULE, CREW LIST WITH JOINING DATES & PORT OF CALL LIST WITH ARRIVAL AND DEPARTURE DATES, WITH COUNTRY NAME ALSO.
2. YELLOW FEVER VACCINATION LIST & SCANNED COPY OF THE CERTIFICATES OF ALL CREW IN *PDF* FORMAT.
3. MEDICAL LOG BOOK ENTRY FOR THE 1 MONTH,
4. SHORE VISIT FOR ANY MEDICAL ASSISTANCE IN ONE MONTH WITH DETAILS IN THE ATTACHED SCHEDULE OF THE MARITIME DECLARATION OF HEALTH.
5. ALL NEW SIGN ON CREW WITH THE NATIONALITY, PORT, DATE OF SIGN ON, DETAILS OF TRAVEL ROUTE, TRANSIT TIME IN AIRPORT, STAY OUTSIDE AIRPORT, HOTEL, THEIR CURRENT HEALTH STATUS IN THE PAST ONE MONTH.
6. ALL NEW CREW JOINED AT THE AFRICAN OR SOUTH AMERICAN PORTS (LIST ATTACHED) WITH THE DETAILS OF THEIR TRAVEL ROUTE, TRANSIT TIME IN AIRPORT/PERIOD OF STAY OUTSIDE THE AIRPORT, HOTEL.
7. KINDLY SEND THE SSCEC & MEDICINE CHEST CERTIFICATE IN *PDF* format.

TO KEEP THE HARD COPIES OF THE ABOVE READY FOR QUARANTINE OFFICER INSPECTION, DURING HEALTH SCREENING FOR FREE PRATIQUE.

**Under Indian Port Health Rules 1955 Rule-11.** In the case of all **infected and suspected** ships and ships having on board persons suffering from typhus or relapsing fever the Health Officer shall, and in the case of all other ships the Health Officer may, proceed on board and medically examine the ship, and the master of the ship shall give him every facility for the examination of the passengers, crew, baggage, cargo, provisions, water supply and any part of the ship which the Health Officer may consider it necessary to examine. **This examination shall not be undertaken between sunset and sunrise** except in such unusual circumstances as, in the opinion of the Health Officer, justify doing so. After every medical examination the Health Officer shall classify the ship as infected, suspected or healthy in accordance with special provisions relating to quarantinable and infectious diseases in this part of the Rules.

**International Health Regulations 2005 & Port Health Rules**

As per this rule all the YF suspected ship will be inspected from sunrise to sunset only for thorough examination of the breeding of Mosquitoes in egg, larva, pupa or adult stages & examination of crew as needed in the daylight and for control measures if there is any evidence noted of the same or sick crew.

By Order,  
Port Health Officer/Dy.PHO, Chennai.  
Port Health Organisation, Chennai Port  
Directorate General of Health Services,  
Ministry of Health & Family Welfare,  
Government of India.



**Pyrethrum based Insecticides list which can be used**

- Allethrin, the first pyrethroid synthesized (active ingredient of Raid)
- Bifenthrin, active ingredient of Talstar, Capture, Ortho Home Defense Max, and Bifenthrine
- beta-Cyfluthrin, an especially effective isomer of cyfluthrin which is an active ingredient in Baygon
- Cypermethrin, including the resolved isomer alpha-cypermethrin
- Cyphenothrin, active ingredient of K2000 Insect spray sold in Israel and the Palestinian territories
- Deltamethrin
- Esfenvalerate
- Etofenprox
- Fenpropathrin
- Fenvalerate
- Flucythrinate
- Imiprothrin, active ingredient of Raid Ant & Roach Killer, synthesized to be an extremely fast-acting toxin by Sumitomo Chemical Co. in Canada.<sup>[6]</sup>
- lambda-Cyhalothrin
- Metofluthrin
- Permethrin
- Prallethrin<sup>[7]</sup>
- Resmethrin, active ingredient of Scourge
- Silafluofen
- Sumithrin, active ingredient of Anvil
- tau-Fluvalinate
- Tefluthrin
- Tetramethrin
- Tralomethrin

Transfluthrin, active ingredient in Baygon

**STATEMENT SHOWING THE NUMBER OF PASSENGERS/CREW INOCULATED AGAINST  
YELLOW FEVER ON BOARD THE CARGO/PASSENGER VESSELS**

m.v / m.t. \_\_\_\_\_ Arrived at \_\_\_\_\_

From \_\_\_\_\_ ON \_\_\_\_\_ At \_\_\_\_\_ Hours.

1) Any monkey on board from Yellow Fever ports :- \_\_\_\_\_

Total No. on board	Producing Y.F. Certificates	Not producing Y.F. Certificates	Yellow Fever Cases
Passengers :-			
Crew :-			

Port with date of departure (within last 30 days)	No. of Crew/ Passenger embarked.	Date of Departure	No. of crew Producing Y.F. Certificates.	No. of Passengers Producing Y.F.Certs.	No. of Crew/ Pass. Not Producing Y.F. Certs.	
					Crew	Pass
1)						
2)						
3)						
4)						
5)						
6)						
7)						

Name of Ports or Call  
In India with dated:- \_\_\_\_\_

PORT OF:- \_\_\_\_\_ No. of Passengers Embarked:- \_\_\_\_\_

DATED: - \_\_\_\_\_

Signature of the Master  
of the ship.

Free Pratique Granted At :- \_\_\_\_\_ Hours.

Date and time :- \_\_\_\_\_

Signature of the **PORT HEALTH OFFICER**

Classification of invalid Yellow Fever Certificates: - \_\_\_\_\_

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