

Contactless operations and contactless operations with segregation protocol

1. Owners, agents and masters of vessels must ensure that all port operations (e.g. cargo operations, bunkering, ship's supplies and stores, and other marine services) are carried out contactless or contactless with segregation protocol.

Contactless Operations

2. In a contactless operation, no person is to board the visiting vessel except MPA-licensed harbour pilots, authorised government officers, and persons approved by the Port Master.

3. Parties involved in a contactless operation must minimally ensure the following:

- a) Communicate and/or send documents by telephone text message or email.
- b) If items must be transferred from one vessel to another (e.g. securing of mooring, ship supplies; certain documents like bunker delivery note etc), disinfect these items and equipment thoroughly before and after the transfer.

4. For transferring of supplies, the owner, master and/or agent of visiting vessels and the services provider involved must ensure the following:

- a) The supply boat's crew must not board the visiting vessel;
- b) Disinfect equipment used for the transfer of supplies thoroughly before and after the transfer; and
- c) Communicate and/or send documents by telephone text message or email.

Contactless Operations with Segregation Protocol

5. If it is necessary for shore-based personnel to board the vessel, segregation protocol must be in place to minimise interactions between the vessel's crew and shore-based personnel. Examples of contactless operations with segregation protocols are bunkering, cargo operations and tank cleaning. Owners, agents and masters of vessels are required to work with the destination terminals to agree on the segregation protocol before the operations commence.

6. Parties involved in a contactless operation with segregation protocol must minimally ensure the following:

- a) Communicate and/or send documents by telephone text or email.
- b) If items are to be transferred from one vessel to another (e.g. securing of mooring, ship supplies etc), thoroughly disinfect the items and equipment used for the transfer, before and after the transfer;
- c) Vessel's crew to remain in crew accommodation except to keep gangway watch or to carry out essential activities such as tending to mooring ropes;
- d) If vessel's crew are required to go on deck, their movements are to be restricted to the seaward side of the deck; and

- e) The shore-based personnel must be informed of vessel's crew exiting the accommodation so that the shore-based personnel can keep clear of the area.
7. For bunkering¹ operations, the owner, master or agent of visiting vessels and service providers involved must minimally ensure the following:
- a) Bunker barge crew must not board the visiting vessel;
 - b) Visiting vessel's crew must not board the bunker barge;
 - c) Communicate and/or send documents (e.g. bunker delivery note) by telephone text or email;
 - d) Visiting vessel's crew to connect the hose at the vessel's manifold; and
 - e) Bunker surveyor must not board the bunker barge.

¹ MPA's licensing conditions for bunker suppliers, bunker craft operators and bunker surveyors are to be strictly complied with.