

TRAFFIC SIGNAL STATIONS AND REGULATIONS

1. Position of the Traffic Signal Stations are as follows:

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| (1) Kizukawa Signal Station : | 34°38'04"N, 135°27'10"E |
| (2) Nanko Signal Station : | 34°37'20"N, 135°25'20"E |
| (3) 2nd Nanko Signal Station: | 34°37'13"N, 135°24'09"E |

2. Meaning of Signals at Kizukawa Canal signal station

1. **One white flash every 2 seconds:** Inbound vessels may enter the canal. Vessels of 300 GRT and over must not leave.
2. **One red flash every 2 seconds:** Outbound vessels may leave the canal. Vessels of 300 GRT and over must not enter.
3. **One red flash followed by one white flash every 3 seconds:** Vessels less than 300 GRT may enter or leave the canal. Other vessels must wait outside the canal.
4. **Three red flashes followed by three white flashes every 6 seconds:** All vessels must not enter or leave the canal except a vessel permitted by the Captain of the Port.

3. Meaning of Signals at Nanko Signal Station

1. **One white flash every 2 seconds:** Inbound vessels may enter the fairway. Vessels of 500 GRT and over must not leave the Fairway.
2. **One red flash every 2 seconds:** Outbound vessels may leave the fairway. Vessels of 500 GRT must not enter the fairway.
3. **One red flash followed by one white flash every 3 seconds:** Vessels less than 5,000 GRT may enter or leave the fairway. Other vessels must wait outside the fairway.
4. **Three red flashes followed by three white flashes every 6 seconds:** All vessels must not enter or leave fairway without permission from the Captain of the Port.

4. Meaning of Signals at 2nd Nanko Signal Station

Flashing "I" : Inbound vessels may enter the fairway. Outbound vessels of 500 GRT or more shall wait outside the fairway and other vessels may leave the fairway.

Flashing "O": Outbound vessels may leave the fairway. Inbound vessels of 500 GRT or more shall wait outside the fairway and other vessels may enter the fairway.

Flashing "F": All of Inbound and Outbound vessels less than 5,000 GRT may enter or leave the fairway. Vessels of 5,000 GRT or more shall Wait outside the fairway.

Alternating "X" and "I" or "O" or "F" : Letter of "I" or "O" or "F" after "X" means advance notice of a Traffic Signal shortly after. Vessels already in the fairway may proceed through the fairway. Vessels of 500 GRT and over outside the fairway shall wait there due to avoid other vessels in the fairway.

Continuous lighting "X" : Entering and leaving through the fairway is prohibited to all vessels except a vessel that has special permission from the Captain of the port.

Flashing "X": Advance notice of the signal as continuous lighting "X" shortly after.

5. Safety Information and entry procedures of Port of Osaka

Port & Harbour Bureau, City of Osaka provides "Port of Osaka Entrance and Departure Manual" for safety navigation and all of necessities for entrance procedures including Daikanmon and Nanko Signal Boards, which should be set in wheel house. The MANUAL is available by Agent.