

Vessel Deficiency Matrix

Vessel Deficiency	Location where ACP detected deficiency	Level of Impact (1 Low / 2 High)	Deficiency code
One anchor missing or one anchor windlass inoperative in vessels with two windlasses.	Prior to Transit Prior to Transit with Pilot onboard While in Transit (underway)	0 1 1	T1
Both anchors missing or vessel cannot anchor.	Prior to Transit Prior to Transit with Pilot onboard While in Transit (underway)	0 1 2	T2
Vessels which can let go anchors promptly but cannot retrieve anchors.	Prior to Transit Prior to Transit with Pilot onboard While in Transit (underway)	0 1 2	T3
On steam propulsion vessels - One boiler inoperative in two-boiler ship. (Vessels with more than two boilers will be handled as special cases.)	Prior to Transit Prior to Transit with Pilot onboard While in Transit (underway)	0 2 2	T4
Bow thruster inoperative.	Prior to Transit Prior to Transit with Pilot onboard While in Transit (underway)	0 1 1	T5
Chocks and bits not satisfactory.	Prior to Transit Prior to Transit with Pilot onboard While in Transit (underway)	0 1 1	T6
Compressor or air problem.	Prior to Transit Prior to Transit with Pilot onboard While in Transit (underway)	0 1 2	T7
Vessel does not have backup generator in operating condition in addition to one in use.	Prior to Transit Prior to Transit with Pilot onboard While in Transit (underway)	0 1 2	T8
No rudder angle indicator in wheelhouse or no engine indicator in wheelhouse or not functioning properly.	Prior to Transit Prior to Transit with Pilot onboard While in Transit (underway)	0 1 2	T9

Vessel Deficiency	Location where ACP detected deficiency	Level of Impact (1 Low / 2 High)	Deficiency code
No operating rudder angle indicator and/or no operating engine indicator outside of pilot house readily visible to pilot on bridge wings when required.	Prior to Transit Prior to Transit with Pilot onboard While in Transit (underway)	0 1 2	T10
Pilot ladder or accommodation ladder unsafe.	Prior to Transit Prior to Transit with Pilot alongside the vessel While in Transit (underway)	0 2 2	T11
Running light not burning properly.	Prior to Transit Prior to Transit with Pilot onboard While in Transit (underway)	0 1 2	T12
Steering gear not operating properly or not in compliance with requirements for transit.	Prior to Transit Prior to Transit with Pilot onboard While in Transit (underway)	0 1 2	T13
One of the two steering motors operative.	Prior to Transit Prior to Transit with Pilot onboard While in Transit (underway)	0 1 2	T14
No steering light when required	Prior to Transit Prior to Transit with Pilot onboard While in Transit (underway)	0 1 1	T15
Whistle inoperative.	Prior to Transit Prior to Transit with Pilot onboard While in Transit (underway)	0 2 2	T16
Engine and propeller problems.	Prior to Transit Prior to Transit with Pilot onboard While in Transit (underway)	0 1 2	T17
Engine telegraph inoperative	Prior to Transit Prior to Transit with Pilot onboard While in Transit (underway)	0 1 2	T18
Vessel has excessive draft (exceeding maximum allowable draft).	Prior to Transit Prior to Transit with Pilot onboard While in Transit (underway)	0 1 2	T19

Vessel Deficiency	Location where ACP detected deficiency	Level of Impact (1 Low / 2 High)	Deficiency code
Vessel loaded deeper than TFW marks (load line)	Prior to Transit Prior to Transit with Pilot onboard While in Transit (underway)	0 2 2	T20
Trim: a. Vessel down by the head four inches or more.	Prior to Transit Prior to Transit with Pilot onboard While in Transit (underway)	0 1 1	T21
Trim: b. Cargo vessel with over six-foot drag.	Prior to Transit Prior to Transit with Pilot onboard While in Transit (underway)	0 1 1	T22
List 2 to 10 degrees.	Prior to Transit Prior to Transit with Pilot onboard While in Transit (underway)	0 1 2	T23
Bridge wings do not extend to side of ship.	Prior to Transit Prior to Transit with Pilot onboard While in Transit (underway)	0 1 1	T24
Magnetic or Gyro Compass: a. No gyro compass or gyro compass not operating properly.	Prior to Transit Prior to Transit with Pilot onboard While in Transit (underway)	0 1 2	T25
Magnetic or Gyro Compass: c. No gyrocompass and magnetic compass not readily visible to pilot. Helmsman steers using periscope to standard compass.	Prior to Transit Prior to Transit with Pilot onboard While in Transit (underway)	0 1 2	T26
Deck cargo protrudes beyond side of hull.	Prior to Transit Prior to Transit with Pilot onboard While in Transit (underway)	0 1 2	T27
Visibility obstructed by cargo or cargo gear (not complying with IMO's minimum visibility requirements).	Prior to Transit Prior to Transit with Pilot onboard While in Transit (underway)	0 1 2	T28

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Inadequate sanitary facilities.	Prior to Transit Prior to Transit with Pilot onboard While in Transit (underway)	0 1 2	T29
One or both radars are inoperative.	Prior to Transit Prior to Transit with Pilot onboard While in Transit (underway)	0 1 2	T30
Winches working at slower rate than required.	Prior to Transit Prior to Transit with Pilot onboard While in Transit (underway)	0 1 1	T31
Fuel not in compliance with Panama Canal Maneuvering Fuel requirements.	Prior to Transit Prior to Transit with Pilot onboard While in Transit (underway)	0 1 2	T32
Wires on drums.	Prior to Transit Prior to Transit with Pilot onboard While in Transit (underway)	0 1 2	T33
Air conditioning system. (inoperative or improper function)*	Prior to Transit Prior to Transit with Pilot onboard While in Transit (underway)	0 1 2	T34
Speed/Computer controlled engine.	Prior to Transit Prior to Transit with Pilot onboard While in Transit (underway)	0 1 1	T35
Gas leaks, fumes, oil spill while in transit	Prior to Transit Prior to Transit with Pilot onboard While in Transit (underway)	0 0 2	T36
Other	Prior to Transit Prior to Transit with Pilot onboard While in Transit (underway)	0 1 2	T37

NOTES:

* Air conditioning system inoperative or improper function or unable to maintain temperatures between 21°C-(69.8°F) and 26°C (78.8°F) and humidity between 40%-70% in the wheelhouse and/or pilot cabin.

This matrix contains a list of deficiencies as a reference, nevertheless, it should not be considered as a definitive list of deficiencies.