

Vessel Deficiency Matrix

Vessel Deficiency	Location where ACP detected deficiency	Level of Impact (1 Low / 2 High)
One anchor missing or one anchor windlass inoperative in vessels with two windlasses.	Prior to Transit	0
	Prior to Transit with Pilot onboard	1
	While in Transit (underway)	1
Both anchors missing or vessel cannot anchor.	Prior to Transit	0
	Prior to Transit with Pilot onboard	1
	While in Transit (underway)	2
Vessels which can let go anchors promptly but cannot retrieve anchors.	Prior to Transit	0
	Prior to Transit with Pilot onboard	1
	While in Transit (underway)	2
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	0
	Prior to Transit with Pilot onboard	2
	While in Transit (underway)	2
Bow thruster inoperative.	Prior to Transit	0
	Prior to Transit with Pilot onboard	1
	While in Transit (underway)	1
Chocks and bitts not satisfactory.	Prior to Transit	0
	Prior to Transit with Pilot onboard	1
	While in Transit (underway)	1
Compressor or air problem.	Prior to Transit	0
	Prior to Transit with Pilot onboard	1
	While in Transit (underway)	2
Vessel does not have backup generator in operating condition in addition to one in use.	Prior to Transit	0
	Prior to Transit with Pilot onboard	1
	While in Transit (underway)	2

Vessel Deficiency	Location where ACP detected deficiency	Level of Impact (1 Low / 2 High)
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
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
Pilot ladder or accommodation ladder unsafe.	Prior to Transit Prior to Transit with Pilot alongside the vessel While in Transit (underway)	0 2 2
Running light not burning properly.	Prior to Transit Prior to Transit with Pilot onboard While in Transit (underway)	0 1 2
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
One of the two steering motors operative.	Prior to Transit Prior to Transit with Pilot onboard While in Transit (underway)	0 1 2
No steering light when required	Prior to Transit Prior to Transit with Pilot onboard While in Transit (underway)	0 1 1
Whistle inoperative.	Prior to Transit Prior to Transit with Pilot onboard While in Transit (underway)	0 2 2
Engine and propeller problems.	Prior to Transit Prior to Transit with Pilot onboard While in Transit (underway)	0 1 2

Vessel Deficiency	Location where ACP detected deficiency	Level of Impact (1 Low / 2 High)
Engine telegraph inoperative	Prior to Transit	0
	Prior to Transit with Pilot onboard	1
	While in Transit (underway)	2
Vessel has excessive draft (exceeding maximum allowable draft).	Prior to Transit	0
	Prior to Transit with Pilot onboard	1
	While in Transit (underway)	2
Vessel loaded deeper than TFW marks (load line)	Prior to Transit	0
	Prior to Transit with Pilot onboard	2
	While in Transit (underway)	2
Trim: a. Vessel down by the head four inches or more.	Prior to Transit	0
	Prior to Transit with Pilot onboard	1
	While in Transit (underway)	1
Trim: b. Cargo vessel with over six-foot drag.	Prior to Transit	0
	Prior to Transit with Pilot onboard	1
	While in Transit (underway)	1
List 2 to 10 degrees.	Prior to Transit	0
	Prior to Transit with Pilot onboard	1
	While in Transit (underway)	2
Bridge wings do not extend to side of ship.	Prior to Transit	0
	Prior to Transit with Pilot onboard	1
	While in Transit (underway)	1
Magnetic or Gyro Compass: a. No gyro compass or gyro compass not operating properly.	Prior to Transit	0
	Prior to Transit with Pilot onboard	1
	While in Transit (underway)	2
Magnetic or Gyro Compass: b. Defective magnetic compass. Gyro working satisfactorily.	Prior to Transit	0
	Prior to Transit with Pilot onboard	0
	While in Transit (underway)	0

Vessel Deficiency	Location where ACP detected deficiency	Level of Impact (1 Low / 2 High)
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	0
	Prior to Transit with Pilot onboard	1
	While in Transit (underway)	2
Deck cargo protrudes beyond side of hull.	Prior to Transit	0
	Prior to Transit with Pilot onboard	1
	While in Transit (underway)	2
Visibility obstructed by cargo or cargo gear (not complying with IMO's minimum visibility requirements).	Prior to Transit	0
	Prior to Transit with Pilot onboard	1
	While in Transit (underway)	2
Inadequate sanitary facilities.	Prior to Transit	0
	Prior to Transit with Pilot onboard	1
	While in Transit (underway)	2
One or both radars are inoperative.	Prior to Transit	0
	Prior to Transit with Pilot onboard	1
	While in Transit (underway)	2
Winches working at slower rate than required.	Prior to Transit	0
	Prior to Transit with Pilot onboard	1
	While in Transit (underway)	1
Fuel not in compliance with Panama Canal Maneuvering Fuel requirements.	Prior to Transit	0
	Prior to Transit with Pilot onboard	1
	While in Transit (underway)	2
Wires on drums.	Prior to Transit	0
	Prior to Transit with Pilot onboard	1
	While in Transit (underway)	2
Air conditioning system. (inoperative or improper function)	Prior to Transit	0
	Prior to Transit with Pilot onboard	1
	While in Transit (underway)	2

Vessel Deficiency	Location where ACP detected deficiency	Level of Impact (1 Low / 2 High)
Speed/Computer controlled engine.	Prior to Transit Prior to Transit with Pilot onboard While in Transit (underway)	0 1 1
Gas leaks, fumes, oil spill while in transit	Prior to Transit Prior to Transit with Pilot onboard While in Transit (underway)	0 0 2