

## APPENDIX A: DEFINITIONS

Air Draught	Height from Chart Datum to the top of hatch covers.
AMSA	Australian Maritime Safety Authority.
Australian Ballast Water Guidelines	Guidelines for the control and management of ships' ballast water to minimize the transfer of harmful aquatic organisms and pathogens as applied by DAFF.
BLU Code	Code of Practice for the Safe Loading and Unloading of Bulk Carriers published in March 2007 and as amended from time to time.
Bunkering	The act of supplying fuel oils and/or lubricants to a vessel via road tanker, bunker barge or drums.
Business Day	A day in New South Wales that is not a Saturday, Sunday or public holiday gazetted by either the New South Wales or Federal Governments and on which banks are generally open for business in Newcastle.
CCT	Carrington Coal Terminal.
Chart Datum (CD)	The plane or level to which soundings (elevations) or tidal heights are referenced. For Newcastle, this is the Lowest Astronomical Tide, CD = 0.0m.
Coal Exporter	Any person, partnership, company, trust, co-operative or other association or entity to which PWCS provides coal handling services.
Coal Loading Plan	Plan submitted by the Master of the Vessel indicating hatch tonnages, coal type(s), pass sequence, de-ballast time and operations, sailing draught and sailing tide and in the form set out in Appendix B.
Commenced Loading	Time and date when first coal is delivered into a hatch of the vessel.
Completion Of Loading	Time and date when the vessel has received the coal tonnage requested by the Master of the Vessel as determined by a draught survey.
Contract Management System	Safety system used by PWCS to manage organisations that perform work on PWCS sites.
DAFF	Australian Department of Agriculture, Fisheries and Forestry.
Dwt	Deadweight in metric tonnes.
ETL	The estimated time of commencement of loading of the vessel at the coal loading facilities.
Gas Free	When sufficient fresh air has been introduced into the space to lower the level of a flammable, toxic or inert gas to that required for a specific purpose.
Gas Free Certificate	Certificate issued by an authorised chemist confirming that, at the time of testing a compartment, it was gas free for a specific purpose.
Handbook	PWCS Coal Terminals Information Handbook.
Harbour Master	The official responsible for enforcing the regulations of the Port of Newcastle in order to ensure the safety of navigation, the security of the harbour and the correct operation of the port facilities.
Hatch	An opening in a deck of a ship providing access to a hold through which cargo is loaded.
Hold	The under deck space in which cargo is placed.

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Hydraulic Interaction	Reaction of a vessel's hull to pressure exerted on its underwater volume caused by a passing vessel.
IMO	International Maritime Organisation.
IMSBC Code	International Maritime Solid Bulk Cargo Cargoes Code as amended from time to time (replaces BC Code as of 1 <sup>st</sup> January 2011)
Inducted Person	Employee or contractor who has successfully completed PWCS Induction training.
Interim Draught Survey	The draught survey undertaken prior to the trimming of the vessel to ensure the vessel is loaded to the correct trim and agreed tonnage.
ISPS Code	International Ship and Port Facility Security Code as amended from time to time.
ISM Certificate	International Safety Management Certificate.
KCT	Kooragang Coal Terminal.
LHW	Lowest High Water.
LOA	Length Overall.
MARPOL 73/78	International Convention for the Prevention of Pollution from Ships 73/78 with amendments.
Master of the Vessel	Person accountable for the safe operation of the vessel including loading and unloading. The Master may nominate a Vessel Representative (e.g. Cargo Officer) to interface with PWCS.
Mates Receipt / Shiploading Certificate	Document of that title provided to the vessel on behalf of and at the request of the Coal Exporter. PWCS is not responsible for the accuracy or the quality of the information stated in any such document.
Marine Orders	The Marine Orders prepared by the Australian Maritime Safety Authority in accordance with the Navigation Act 2012 and as amended from time to time.
Marine Surveyor	Any person who is a full member, or their employer includes a full member of the Institute of Marine Surveyors. This person must have proven proficiency in bulk loading of vessels, including hold preparation and cargo draught surveys and must be accredited or is employed by a company that is accredited in the PWCS contractor management system.
OBO	Oil-Bulk-Ore Carrier.
Personal Protective Equipment (PPE)	Protective clothing, helmets, goggles, gloves, or other garments designed to protect the wearer's body from injury.
Port Authority	Port Authority of New South Wales. The organisation responsible for port safety functions including pilotage, navigation services, dangerous goods, marine pollution and emergency response.
Port of Newcastle	The port lessee. Responsibilities include vessel scheduling, pricing for navigation services and maintenance of major port assets including the channel.
Provisionally Detained	Vessel detained as per AMSA's Port State Control mandates.
PWCS	Port Waratah Coal Services Limited.

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PWCS Services Portal	Website used by PWCS for the management of coal handling services.
PWCS Person in Charge (VBLO)	PWCS accountable person assisting the Terminal Representative (Operations Supervisor) in the safe loading of cargo into vessels in accordance with the agreed sequence and tonnage stated in the vessel's Coal Loading Plan and Marine Orders part 32, Clause 10, Loading and Unloading.
RightShip	Ship vetting system that advises PWCS on vessel suitability based on vessel specifications, history and physical inspections.
Operations Supervisor	PWCS employee accountable for the safe operation of the Terminal including, but not limited to, rail receipt, stockyard and loading cargo into vessels in accordance with the sequence and tonnages stated in the vessel's Coal Loading Plan.
Ship Handling Safety Guidelines	The document so titled provided published by the Port Authority, available online: as amended from time to time.
Ship / Shore Safety Checklist	Checklist that assists with the safe loading of bulk carriers as prescribed in the BLU Code Appendix 3.
Shiploader	Mechanical device designed to load coal by gravity from conveyors.
Terminals	PWCS Carrington or PWCS Kooragang.
Terminal Representative	PWCS Operations Supervisor
TPH (tph)	Tonnes Per Hour.
UKC	Under Keel Clearance.
Vessel Agent	Person or firm authorised by the vessel owner or charterer to act on their behalf.
Vessel Load Rate (VLR)	Measure used by PWCS to assess vessel performance. Average tonnes per hour loaded in the period of time between commencement and completion of loading less time incurred due to delays not attributable to the vessel (e.g. caused by PWCS).
Vessel Owner	Relevant organisation listed as the registered owner or the fleet manager of the vessel
Vessel Questionnaire	Document completed by the Master of the Vessel that provides information to PWCS that assists PWCS in determining the suitability of loading a vessel.
Vessel Representative	Master of the Vessel, or a person nominated by the Master of the Vessel, to be the interface between the vessel and PWCS.