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| Seafarer ID |       | Date and Time |       |
|  |
| Name |       | Exam location |       |
|  |  |  |  |
| Duration |       | Examiner |       |

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| --- | --- | --- | --- |
| Certificate Type |       | Result |       |

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| Certificate Capacity |       | Purpose |       |

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| Management and shipmaster’s business |
| Certification/endorsements for ships officers |[ ]
| Classification societies, who / what are they / functions |[ ]
| Conditions of assignment of LL / loadline rules |[ ]
| Division of responsibilities between class, flag state and port state |[ ]
| Enhanced survey programme / condition evaluation reports |[ ]
| Frequency of statutory musters and drills |[ ]
| How international codes and conventions are enacted into Australian law |[ ]
| ISM code / objectives / DP / position descriptions |[ ]
| ISPS code - requirements for ship / cybersecurity |[ ]
| International conventions / MARPOL and Annexes / SOLAS / Ballast Water / MLC |[ ]
| MLC and DMLC Part I & II |[ ]
| Nav Act / marine orders / marine notices |[ ]
| OH&S legislation / purpose of act / PIN / prohibition notices / safety meetings / duty of care / psychological wellbeing / drydocking issues |[ ]
| Official logbook entries |[ ]
| P&I / certificate of entry / validity |[ ]
| SOLAS & Australian requirements to report deficiencies / accidents / damage |[ ]
| Ships records, GRB, ORB, approved stability information |[ ]
| Statutory certificates, attachments, validity, expired certificates |[ ]
| Taking over command or joining ship as Master / hand over / responsibilities and duties / authority of Master |[ ]
| Types of charters / carriage of goods by sea |[ ]
| Types of surveys / preparation / B survey report file / conditions of Class |[ ]
| Standards of watchkeeping |
| BRM principles / MRM principles |[ ]
| Fitness for duty |[ ]
| Maintaining a proper lookout |[ ]
| Maintaining an anchor watch |[ ]
| Navigation in restricted visibility / congested waters |[ ]
| Navigation with a pilot on-board |[ ]
| Performing the navigational watch / Position fixing / Use of charts / Use of equipment |[ ]
| Taking over the watch / handing over the watch |[ ]
| Voyage planning |[ ]
| Watch-keeping Records / night orders / standing orders |[ ]
| Watch-keeping arrangements |[ ]
|  |
| Bridge equipment |
| AIS precautions / BNWAS / VDR |[ ]
| ARPA use and precautions |[ ]
| ECDIS use and precautions |[ ]
| Emergency steering procedures |[ ]
| RADAR types / presentation / setting up of RADAR / testing / precautions |[ ]
| Testing of bridge equipment |[ ]
| Use of 'S' band 10-cm and 'X' band 3-cm radar |[ ]
|  |
| Stress and stability |
| Effect of density on draft |[ ]
| FWA / DWA calculation |[ ]
| Free surface effect / angle of loll |[ ]
| IMO minimum stability criteria |[ ]
| Knowledge and use of shipboard stability information / use and testing of loading instrument |[ ]
| Knowledge of different types of shipboard stresses / shear force / bending moments |[ ]
| Knowledge of loading / ballasting techniques to reduce stress |[ ]
| Load line diagram & submerging the load line |[ ]
| Movement of 'G' with movement of weights  |[ ]
| Reading draft marks |[ ]
| Seasonal zones |[ ]
| Stability definitions |[ ]
| Tank-top loadings |[ ]
| Damage stability |[ ]
|  |
| Navigation-charts and publications |
| Altitudes / meridian passage |[ ]
| Chart corrections / symbols / abbreviations |[ ]
| Gyro / magnetic compass errors / variation / deviation  |[ ]
| Interpretation and use of information contained on charts |[ ]
| Large and small-scale charts / routeing charts |[ ]
| Notice to mariners |[ ]
| Navigation warnings / EGC / MSI |[ ]
| Ship reporting systems |[ ]
| Tidal calculations / chart datum |[ ]
| Various methods of obtaining compass errors |[ ]
| Various methods of obtaining position lines |[ ]
| Cargo work |
| Ship - shore checklist / bulk cargo publications |[ ]
| Bulk cargo loading requirements / shippers declaration |[ ]
| Cargo handling equipment / MO32 issues |[ ]
| Cargo securing / cargo securing manual |[ ]
| Confined space entry / precautions / gas monitoring equipment / drills |[ ]
| Failure of cargo gear / heavy lift precautions |[ ]
| IMDG Code / documentation / dangerous goods - segregation and marking / DOC |[ ]
| Issues relating to bridge visibility |[ ]
| Loading and discharging precautions |[ ]
| Loading bulk cargoes including the loading of high-density cargoes |[ ]
| Maintaining cargo watch / maintaining records |[ ]
| Special types of cargoes and cargo vessels e.g. livestock |[ ]
| Statutory requirements / testing and inspection of equipment / records |[ ]
| Tanker operations / tanker definitions / Inert gas / tanker publications |[ ]
|  |
| Ship handling |
| Effect of UKC on ship's manoeuvrability |[ ]
| Effect of wave impact on vessels structure |[ ]
| Embarking / disembarking pilot |[ ]
| Dangers of synchronous and parametric rolling |  |
| Launching rescue/survival craft in adverse weather |[ ]
| Mooring and unmooring / dredging anchor |[ ]
| Preparations for anchoring / choosing anchorage / anchoring in adverse weather / dragging anchor |[ ]
| Preparations for heavy weather / handling a vessel in adverse weather conditions |[ ]
| Reversible and CPP propellers / bow thrusters |[ ]
| Ship & tug interaction / safety of tug |[ ]
| Ship squat / factors affecting squat / UKC / bank effect / interaction |[ ]
| Turning ship short round / transverse thrust / use of anchor for manoeuvring |[ ]
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| Prevention of pollution |
| Action to be taken in event of a pollution incident  |[ ]
| Action to be taken to prevent pollution |[ ]
| Applicable Australian legislation |[ ]
| Garbage Management Plan / Garbage Record Book |[ ]
| Precautions while bunkering |[ ]
| SOPEP / MARPOL & Annexes |[ ]
|  |
| Emergency situations / response and equipment |
| Action in event of grounding / collision |[ ]
| Action to be taken in event of piracy |[ ]
| Being taken in tow / use of emergency towing equipment  |[ ]
| Distress / urgency / safety messages |[ ]
| Helicopter procedures |[ ]
| MOB / rescue of persons in water |[ ]
| Masters obligation to render assistance |[ ]
| Means of controlling fire / flooding on board ship |[ ]
| Onset of heavy weather / TRS / avoidance of TRS  |[ ]
| Principles of damage control |[ ]
| Response to emergency in port |[ ]
|  |
| Dry docking |
| Preparations for docking and stability issues |[ ]
| Procedure prior to leaving dock |[ ]
| Types of docks  |[ ]
|  |
| Search and rescue |
| Communications |[ ]
| SAR publications / IAMSAR manual |[ ]
|  SAR procedures |[ ]
| Use and testing of SARTs, EPIRBs |[ ]
| Use of RADAR for SAR |[ ]
|  |
| Essential shipboard equipment and machinery |
| Anchors and cables / davits / lifeboat falls / pilot ladders |[ ]
| Knowledge of survival techniques |[ ]
| Maintenance of bilges and ballast tanks |[ ]
| Maintenance records / planned maintenance |[ ]
| Lifeboat release and retrieval systems / launching procedures / organising musters and drills |[ ]
| Practical knowledge of associated safety aspects and precautions related to operating equipment |[ ]
| Practical operation of various types of shipboard firefighting and lifesaving equipment / EEBD’s |[ ]
| Types of fire detection systems |[ ]
| Use of SCBA / emergency fire pumps / emergency shut-offs |[ ]
| Watertight integrity of the ship / hatch covers / ship side openings / bow & stern doors |[ ]
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| Rules of the road |
| Collision avoidance using radar |[ ]
| IALA Maritime buoyage system – Region A |[ ]
| RADAR plotting |[ ]
| Rule 19 |[ ]
| Rules 1, 2, 3 & Annexes |[ ]
| Rules 20 - 31 |[ ]
| Rules 32 - 35 |[ ]
| Rules 4 - 18 |[ ]
|  |
| English language |
| Ability to communicate to a satisfactory standard in the English language |[ ]