



CHIEF MATE Oral Examination Checklist (aide memoire)

Seafarer ID	<input type="text"/>	Date and Time	<input type="text"/>
Name	<input type="text"/>	Exam location	<input type="text"/>
Duration	<input type="text"/>	Examiner	<input type="text"/>
Certificate Type	<input type="text"/>	Result	<input type="text"/>
Certificate Capacity	<input type="text"/>	Purpose	<input type="text"/>

Management and shipmaster's business	
Certification/endorsements for ships officers	<input type="checkbox"/>
Classification societies, who / what are they / functions	<input type="checkbox"/>
Conditions of assignment of LL / loadline rules	<input type="checkbox"/>
Division of responsibilities between class, flag state and port state	<input type="checkbox"/>
Enhanced survey programme/condition evaluation reports	<input type="checkbox"/>
Frequency of statutory musters and drills	<input type="checkbox"/>
How international codes and conventions are enacted into Australian law	<input type="checkbox"/>
ISM code / objectives / DP / position descriptions	<input type="checkbox"/>
ISPS code - requirements for ship/cybersecurity	<input type="checkbox"/>
International conventions/ MARPOL and Annexes / SOLAS / Ballast Water	<input type="checkbox"/>
MLC and DMLC Part I & II	<input type="checkbox"/>
Nav Act / marine orders / marine notices	<input type="checkbox"/>
OH&S legislation / purpose of act / PIN / prohibition notices / safety meetings / duty of care / psychological wellbeing / drydocking issues	<input type="checkbox"/>
Official logbook entries	<input type="checkbox"/>
P&I / certificate of entry / validity	<input type="checkbox"/>
SOLAS & Australian requirements to report deficiencies / accidents / damage	<input type="checkbox"/>
International ship inspection regimes / PSC / FSC	<input type="checkbox"/>
Ships records, GRB, ORB, approved stability information	<input type="checkbox"/>
Statutory certificates, attachments, validity, expired certificates	<input type="checkbox"/>
Taking over / joining ship as Chief Mate / hand over / responsibilities and duties	<input type="checkbox"/>
Types of charters / carriage of goods by sea / on hire, off hire	<input type="checkbox"/>
Types of surveys / preparation / survey report file / conditions of Class	<input type="checkbox"/>

Standards of watchkeeping	
BRM principles	<input type="checkbox"/>
Fitness for duty	<input type="checkbox"/>
Maintaining a proper lookout	<input type="checkbox"/>
Maintaining an anchor watch	<input type="checkbox"/>
Navigation in restricted visibility / congested waters	<input type="checkbox"/>
Navigation with a pilot on-board	<input type="checkbox"/>
Performing the navigational watch / Position fixing / Use of charts / Use of equipment	<input type="checkbox"/>
Taking over the watch / handing over the watch	<input type="checkbox"/>
Voyage planning	<input type="checkbox"/>
Watch-keeping Records / night orders / standing orders	<input type="checkbox"/>
Watch-keeping arrangements	<input type="checkbox"/>

Bridge equipment	
AIS precautions / BNWAS / VDR	<input type="checkbox"/>
ARPA use of and precautions	<input type="checkbox"/>
ECDIS use of and precautions	<input type="checkbox"/>
Emergency steering procedures	<input type="checkbox"/>
RADAR types / presentation / setting up of RADAR / testing / precautions	<input type="checkbox"/>
Testing of bridge equipment	<input type="checkbox"/>
Use of 'S' band 10-cm and 'X' band 3-cm radar	<input type="checkbox"/>

Stress and stability	
Effect of density on draft	<input type="checkbox"/>
FWA / DWA calculation	<input type="checkbox"/>
Free surface effect / angle of loll	<input type="checkbox"/>
IMO minimum stability criteria	<input type="checkbox"/>

Knowledge and use of shipboard stability information / use and knowledge of loading instrument	<input type="checkbox"/>
Knowledge of different types of shipboard stresses / shear force / bending moments	<input type="checkbox"/>
Knowledge of loading / ballasting techniques to reduce stress	<input type="checkbox"/>
Load line diagram & submerging the load line	<input type="checkbox"/>
Movement of 'G' with movement of weights	<input type="checkbox"/>
Reading draft marks	<input type="checkbox"/>
Seasonal zones	<input type="checkbox"/>
Stability definitions	<input type="checkbox"/>
Tank-top loadings	<input type="checkbox"/>
Damage stability	<input type="checkbox"/>

Navigation-charts and publications	
Altitudes / meridian passage	<input type="checkbox"/>
Chart corrections / symbols / abbreviations	<input type="checkbox"/>
Gyro / magnetic compass errors / variation / deviation	<input type="checkbox"/>
Interpretation and use of information contained on charts	<input type="checkbox"/>
Large and small-scale charts / routeing charts	<input type="checkbox"/>
Notice to mariners	<input type="checkbox"/>
Navigation warnings / EGC / MSI	<input type="checkbox"/>
Ship reporting systems	<input type="checkbox"/>
Tidal calculations / chart datum	<input type="checkbox"/>
Various methods of obtaining compass errors	<input type="checkbox"/>
Various methods of obtaining position lines	<input type="checkbox"/>

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Cargo work	
Ship - shore checklist / bulk cargo publications	<input type="checkbox"/>
Bulk cargo loading requirements / shippers declaration	<input type="checkbox"/>
Cargo handling equipment / MO32 issues	<input type="checkbox"/>
Cargo securing / cargo securing manual	<input type="checkbox"/>
Confined space entry / precautions / gas monitoring equipment / drills	<input type="checkbox"/>
Failure of cargo gear / heavy lift precautions	<input type="checkbox"/>
IMDG Code / documentation / dangerous goods - segregation and marking / DOC	<input type="checkbox"/>
Issues relating to bridge visibility	<input type="checkbox"/>
Loading and discharging precautions	<input type="checkbox"/>
Loading bulk cargoes including the loading of high-density cargoes	<input type="checkbox"/>
Maintaining cargo watch / maintaining records	<input type="checkbox"/>
Disposal of cargo residues / HME	<input type="checkbox"/>
Special types of cargoes and cargo vessels e.g. livestock	<input type="checkbox"/>
Bulk grain, precautions including fumigation, loading / transportation	<input type="checkbox"/>
Statutory requirements / testing and inspection of equipment / records	<input type="checkbox"/>
Tanker operations / tanker definitions / Inert gas / tanker publications	<input type="checkbox"/>

Prevention of pollution	
Applicable Australian legislation	<input type="checkbox"/>
Garbage Management Plan / Garbage Record Book	<input type="checkbox"/>
Precautions while bunkering	<input type="checkbox"/>
SOPEP / MARPOL & Annexes	<input type="checkbox"/>

Watertight integrity of the ship / hatch covers / ship side openings / bow & stern doors	<input type="checkbox"/>
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Emergency situations / response and equipment	
Action in event of grounding / collision	<input type="checkbox"/>
Loss of cargo / lifeboat overside	<input type="checkbox"/>
Being taken in tow / use of emergency towing equipment	<input type="checkbox"/>
Distress / urgency / safety messages	<input type="checkbox"/>
Helicopter procedures	<input type="checkbox"/>
MOB / rescue of persons in water	<input type="checkbox"/>
Masters obligation to render assistance	<input type="checkbox"/>
Means of controlling fire / flooding on board ship	<input type="checkbox"/>
Onset of heavy weather / TRS / avoidance of TRS	<input type="checkbox"/>
Principles of damage control	<input type="checkbox"/>
Response to emergency in port	<input type="checkbox"/>

Rules of the road	
Collision avoidance using radar	<input type="checkbox"/>
IALA Maritime buoyage system – Region A	<input type="checkbox"/>
RADAR plotting	<input type="checkbox"/>
Rule 19	<input type="checkbox"/>
Rules 1, 2, 3 & Annexes	<input type="checkbox"/>
Rules 20 - 31	<input type="checkbox"/>
Rules 32 - 35	<input type="checkbox"/>
Rules 4 - 18	<input type="checkbox"/>

English language	
Ability to communicate to a satisfactory standard in the English language	<input type="checkbox"/>

Ship handling	
Effect of UKC on ship's manoeuvrability	<input type="checkbox"/>
Effect of wave impact on vessels structure	<input type="checkbox"/>
Embarking / disembarking pilot	<input type="checkbox"/>
Launching rescue/survival craft in adverse weather	<input type="checkbox"/>
Mooring and unmooring / dredging anchor	<input type="checkbox"/>
Preparations for anchoring / choosing anchorage / anchoring in adverse weather / dragging anchor	<input type="checkbox"/>
Preparations for heavy weather / handling a vessel in adverse weather conditions	<input type="checkbox"/>
Reversible and CPP propellers / bow thrusters	<input type="checkbox"/>
Ship & tug interaction / safety of tug	<input type="checkbox"/>
Ship squat / factors affecting squat / UKC / bank effect / interaction	<input type="checkbox"/>
Turning ship short round / transverse thrust / use of anchor for manoeuvring	<input type="checkbox"/>

Dry docking	
Preparations for docking and stability issues	<input type="checkbox"/>
Procedure prior to leaving dock	<input type="checkbox"/>
Types of docks	<input type="checkbox"/>

Search and rescue	
Communications	<input type="checkbox"/>
SAR publications / IAMSAR manual	<input type="checkbox"/>
SAR procedures	<input type="checkbox"/>
Use and testing of SARTs, EPIRBs	<input type="checkbox"/>

Essential shipboard equipment and machinery	
Lifeboat release and retrieval systems / launching procedures / organising musters and drills	<input type="checkbox"/>
Practical knowledge of associated safety aspects and precautions related to operating equipment	<input type="checkbox"/>
Practical operation of various types of shipboard firefighting and lifesaving equipment / EEBD's	<input type="checkbox"/>
Types of fire detection systems	<input type="checkbox"/>
Use of SCBA / emergency fire pumps / emergency shut-offs	<input type="checkbox"/>

Prevention of pollution	
Action to be taken in event of a pollution incident	<input type="checkbox"/>
Action to be taken to prevent pollution	<input type="checkbox"/>