



MASTER < 45m NC EXAMINATION CHECKLIST (AIDE MEMOIRE)

Questions should be framed managing the ship as a whole.

Seafarer ID	<input type="text"/>	Exam location	<input type="text"/>
Name	<input type="text"/>	Examiner	<input type="text"/>
Duration	<input type="text"/>	Result	<input type="text"/>
Date and Time	<input type="text"/>	Attempt	<input type="text"/>

Management and shipmaster's business		
Limits to near coastal certificates and area of operation	A	<input type="checkbox"/>
Basic Load line rules	C	<input type="checkbox"/>
AMSA's and Accredited surveyors roles	B	<input type="checkbox"/>
International conventions relevant to domestic vessels e.g. MARPOL, Annexes and Load Line	B	<input type="checkbox"/>
Marine Orders, the national law, NSCV, MO 54 and other relevant legislation	B	<input type="checkbox"/>
Safety management systems, risk assessments, master's authority, standard and emergency operating procedures, drills, safe access	A	<input type="checkbox"/>
OHS / WHS legislation, notices, duty of care	A	<input type="checkbox"/>
Record keeping (LB, ORB, GRB)	B	<input type="checkbox"/>
Responsibilities and duties including Master's general safety duties	A	<input type="checkbox"/>
Certificates, survey schedules and notices including conditions therein	A	<input type="checkbox"/>
Joining a vessel as Master (e.g. checks)	A	<input type="checkbox"/>
Reporting of incidents, near misses and deficiencies	A	<input type="checkbox"/>

Standards of watch keeping		
Maintaining a proper lookout	A	<input type="checkbox"/>
Watch keeping in different conditions (anchor, RV, congested waters etc.)	A	<input type="checkbox"/>
Position fixing using different techniques	A	<input type="checkbox"/>
Compass errors, basic variation, deviation	B	<input type="checkbox"/>
Voyage planning (practical application)	A	<input type="checkbox"/>
Weather and navigation warnings	B	<input type="checkbox"/>

Bridge equipment		
Meteorological equipment – barometer, anemometer and reception of MSI	B	<input type="checkbox"/>
Miscellaneous bridge equipment including radar and AIS, steering (manual and auto)	B	<input type="checkbox"/>

Navigational charts and publications		
Chart corrections, symbols and abbreviations, chart datum, publications	A	<input type="checkbox"/>
Use of large, small scale charts	B	<input type="checkbox"/>
Ship reporting systems, VTIS	B	<input type="checkbox"/>
Electronic chart systems, chart plotters	A	<input type="checkbox"/>

Stress and stability		
Basic principles of flotation and effect of density on draft	A	<input type="checkbox"/>
Load line marks and draft reading	A	<input type="checkbox"/>
Effect of weight distribution and angle of loll, free surface effect, shifting of loads and listing	A	<input type="checkbox"/>
Interpret a GZ curve, stability definitions e.g. angle of deck immersion, angle of down flooding	A	<input type="checkbox"/>
Knowledge of stability booklet and its contents	A	<input type="checkbox"/>

Cargo work		
Cargo securing	A	<input type="checkbox"/>
Lifting gear, safety precautions, maintenance, SWL and limitation of equipment	A	<input type="checkbox"/>
Carriage of DG, segregation and marking	B	<input type="checkbox"/>
Loading / discharging precautions e.g. bulk cargoes	B	<input type="checkbox"/>

Marine engineering systems		
Engineering systems, e.g. steering gear	B	<input type="checkbox"/>
Engineering room alarms and failures	B	<input type="checkbox"/>

Ship handling		
Berthing and unberthing in different conditions including in tidal waters	A	<input type="checkbox"/>
Anchoring and use of anchors	A	<input type="checkbox"/>
Interaction between vessels, shallow water effect, bank effect and UKC	A	<input type="checkbox"/>

Prevention of pollution		
Action to be taken in the event of a pollution incident	A	<input type="checkbox"/>
Action taken to prevent pollution	A	<input type="checkbox"/>
Precautions while bunkering	B	<input type="checkbox"/>
Garbage placard and disposal	A	<input type="checkbox"/>

Emergency situations, response and equipment		
Action in the event of a blackout / steering failure	A	<input type="checkbox"/>
Action in the event of grounding	A	<input type="checkbox"/>
Action in the event of collision	A	<input type="checkbox"/>
Action in the event of water ingress	A	<input type="checkbox"/>
Confined space entry	A	<input type="checkbox"/>
Distress, urgency and safety messages	B	<input type="checkbox"/>
Towing, taken in tow	C	<input type="checkbox"/>
MOB, rescue of persons in water	A	<input type="checkbox"/>
Master's obligation to render assistance	A	<input type="checkbox"/>
Means of controlling flooding when fighting a fire on board ship	A	<input type="checkbox"/>
Onset of heavy weather, weather forecasting	B	<input type="checkbox"/>
TRS, avoidance of TRS	A	<input type="checkbox"/>
Principles of damage control	B	<input type="checkbox"/>
Response to emergency in port	C	<input type="checkbox"/>
Practical knowledge of safety aspects and precautions related to operating lifesaving appliances and knowledge of survival techniques	B	<input type="checkbox"/>

Dry docking		
Preparations for out of water / under water survey	B	<input type="checkbox"/>
Conduct / work during out of water survey	B	<input type="checkbox"/>

Search and rescue		
Basic and emergency communications	B	<input type="checkbox"/>
Use and testing of EPIRB	B	<input type="checkbox"/>

Essential shipboard equipment and machinery		
Anchors and cables	C	<input type="checkbox"/>
Maintenance records, planned maintenance	B	<input type="checkbox"/>
Practical operation of various types of shipboard firefighting equipment	B	<input type="checkbox"/>
Practical operation of various types of shipboard life-saving equipment	B	<input type="checkbox"/>
Types of fire detection systems, fire pumps and emergency shutoffs	B	<input type="checkbox"/>
Routine maintenance, deck machinery	B	<input type="checkbox"/>

Collision regulations		
Buoyage region A	A	<input type="checkbox"/>
Rules 1,2,3 and annexes	A	<input type="checkbox"/>
Rules 4-18	A	<input type="checkbox"/>
Rules 20-31	A	<input type="checkbox"/>
Rules 32-25	A	<input type="checkbox"/>
Rule 19	A	<input type="checkbox"/>
Use of radar (in determining risk of collision, other vessels movement, action to be taken to avoid collision, excluding ARPA)	B	<input type="checkbox"/>