

Control Sheets Master List

STCW Upgrade Management Level

CG Control Sheet #	Task	STAR Center Course #	Course Name
M 1-2A	Latitude by Ex-Meridian	D101	Celestial
M 1-2B	Latitude by Meridian Transit	D101	Celestial
M 1-2C	Star ID	D101	Celestial
M 1-2D	Star Selection	D101	Celestial
M 1-2E	LOP from high altitude sight	D101	Celestial
M 1-2F	Celestial Navigation Fix	D101	Celestial
M 4-1A	Identify Vessels by Light Configurations	D102	COLREGS
M 4-1B	Identify Vessels by Day Shapes	D102	COLREGS
M 4-1C	Apply the ROR to Avoid Collision	D102	COLREGS
M 4-2A	Determine Risk of Collision	D102	COLREGS
M 5-1A	Operate ARPA Controls	D102	COLREGS
M 5-1B	Determine Target Data	D102	COLREGS
M 5-1C	Parallel Indexing	D102	COLREGS
M 1-1A	Create a Navigation Plan	D104	Navigation
M 1-1B	Position Reporting Systems	D104	Navigation
M 1-2G	Great Circle Sailing	D104	Navigation
M 1-2H	Mercator Sailing – course & distance	D104	Navigation
M 1-2I	Mercator Sailing – Final Position	D104	Navigation
M 1-3A	Position Fix by Terrestrial Bearings	D104	Navigation
M 1-4A	GPS – Waypoint Entry	D104	Navigation
M 2-1A	Determine Magnetic Compass Deviation	D104	Navigation
M 2-1B	Construct a deviation table	D104	Navigation
M 2-1C	Amplitude of the Sun	D104	Navigation
M 2-1D	Apply Compass Error-Mag Course	D104	Navigation
M 2-1E	Apply Compass Error – Mag Bearings	D104	Navigation
M 2-1F	Apply Compass Error to Gyrocompass Course	D104	Navigation
M 6-3A	Calculate Height of Tide	D104	Navigation
M 6-3B	Calculate Tidal Current	D104	Navigation
M 6-3C	Calculate Time of Height of Tide	D104	Navigation
M 6-1A	Weather Forecast (24hrs)	D105	Meteorology
M 6-2A	Identify Weather Fronts	D105	Meteorology

CG Control Sheet #	Task	STAR Center Course #	Course Name
M 7-1A	Actions after a grounding	D106	Ship Management
M 7-2A	Re-floating a grounded ship	D106	Ship Management
M 7-3A	Prepare for collision	D106	Ship Management
M 7-3B	Actions after a collision	D106	Ship Management
M 7-4A	Emergency steering	D106	Ship Management
M 7-5A	Emergency Towing	D106	Ship Management
Internal (STAR Center) assessment	Integral assessment of Stability required by NMC but control sheets for stability are in Cargo Operations course.	D107	Stability
M 9-1A	Determine GM Arrival	D109	Cargo Operations
M 9-1B	Determine GM Flooded Engine Room	D109	Cargo Operations
M 9-1C	Determine GM – Flooded Hatch	D109	Cargo Operations
M 9-1D	Determine Sheer and Bending Moment	D109	Cargo Operations
M 3-1A	Coordinate SAR Ops	D110	Shiphandling
M 8-1A	Maneuver to Embark/Disembark a Pilot	D110	Shiphandling
M 8-2A	Transit Restricted Waters	D110	Shiphandling
M 8-3A	Constant Rate of Turn	D110	Shiphandling
M 8-4A	Shallow Water Effects –Squat	D110	Shiphandling
M 8-5A	Shallow water effects – passing vessels	D110	Shiphandling
M 8-6A	Vessel Docking – Starboard Side to	D110	Shiphandling
M 8-6B	Vessel Docking – Port side to	D110	Shiphandling
M 8-7A	Turn Vessel w/ Tug Assist.	D110	Shiphandling
M 8-8A	Anchoring	D110	Shiphandling
M 8-9A	Dragging Anchor	D110	Shiphandling
M 5-1D	BRM	D111	BRM

OICNW 4-1A	Flashing light	D024	Flashing Light
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Original Radar OICNW

CG Control Sheet #	Task	STAR Center Course #	Course Name
OICNW 1-2B	Position from ranges	D022	5-Day Radar
OICNW 1-3C	Position from tangent lines	D022	5-Day Radar
OICNW 3-1A	Set up radar	D022	5-Day Radar
OICNW 3-1B	Switch radar modes	D022	5-Day Radar
OICNW 3-1C	Identify false returns	D022	5-Day Radar
OICNW 3-1D	Determine range and bearing	D022	5-Day Radar
OICNW 3-1E	Determine risk of collision	D022	5-Day Radar
OICNW 3-1F	Determine DRM, SRM, CPA, TCPA	D022	5-Day Radar
OICNW 3-1G	Determine change other vessel	D022	5-Day Radar
OICNW 3-1H	Change course to achieve CPA	D022	5-Day Radar
OICNW 3-1I	Change speed to achieve CPA	D022	5-Day Radar
OICNW 3-1J	Determine true course and speed	D022	5-Day Radar
OICNW 3-1K	Parallel indexing	D022	5-Day Radar
OICNW 3-1L	Determine DRM, SRM, CPA and TCPA	D022	5-day Radar

**May be done outside an organized course.
Radar control sheets may be required by NMC.**