

**STCW Officer in Charge of a Navigation Watch (OICNW) Assessment Checklist**

The following list of assessments are to be completed by the OICNW candidate in accordance with CG-543 Policy Letter 11-07. Next to each assessment we have indicated if it can be completed as part of an approved training course or if the "Performance Condition" requires the assessment be completed in a full mission simulator or on a ship underway.

How assessment can be or must be completed: QMT = As part of an approved training course. FMS = Full Mission Simulator and/or Ship U/W = On a Ship Underway (U/W)

	TASK	KUP	QMT	FMS	Ship U/W
1	OICNW-1-1A	Adjust a sextant	Celestial Navigation	✓	
2	OICNW-1-1B	Measure the altitude of the sun	Celestial Navigation	✓	
3	OICNW-1-1C	Measure the altitude of at least 3 stars	Celestial Navigation	✓	
4	OICNW-1-1D	Measure the altitude of the sun at meridian passage (local apparent noon)	Celestial Navigation	✓	
5	OICNW-1-1E	Celestial running fix	Celestial Navigation	✓	
6	OICNW-1-1F	Star fix	Celestial Navigation	✓	
7	OICNW-1-2A	Fix by two bearings	Coastal Navigation	✓	
8	OICNW-1-2B	Fix by two ranges	Coastal Navigation/Radar Unlimited	✓	
9	OICNW-1-2C	Fix by tangents to two identified object	Coastal Navigation/Radar Unlimited	✓	
10	OICNW-1-2D	Plot the ship's DR position	Coastal Navigation	✓	
11	OICNW-1-2E	Determine the course to steer	Coastal Navigation	✓	
12	OICNW-1-3A	Correction of charts and publications	Coastal Navigation	✓	
13	OICNW-1-3B	Chart selection	Coastal Navigation	✓	
14	OICNW-1-3C	Route planning	Coastal Navigation	✓	
15	OICNW-1-4A	Position fix by GPS	Electronic Navigation	✓	
16	OICNW-1-4B	Use of GPS position save function	Electronic Navigation	✓	
	OICNW-1-4C	DELETED N/A			
17	OICNW-1-4D	Use of echo sounder	Electronic Navigation	✓	
18	OICNW-1-5A	Determine gyro compass error by bearing of range	Magnetic & Gyro Compasses	✓	
19	OICNW-1-5B	Determine magnetic compass error	Magnetic & Gyro Compasses	✓	
20	OICNW-1-5C	Determine magnetic compass deviation	Magnetic & Gyro Compasses	✓	
21	OICNW-1-5D	Determine course to steer by magnetic compass	Magnetic & Gyro Compasses/Coastal Navigation	✓	
22	OICNW-1-5E	Position fix by magnetic compass bearings	Magnetic & Gyro Compasses/Coastal Navigation	✓	
23	OICNW-1-5F	Azimuth of the sun	Magnetic & Gyro Compasses		✓
24	OICNW-1-6A	Steering gear test	Ship Handling	✓	
25	OICNW-1-6B	Set weather controls	Ship Handling	✓	
26	OICNW-1-7A	Read barometric pressure	Meteorology	✓	
27	OICNW-1-7B	Determine true wind speed & direction	Meteorology	✓	
28	OICNW-1-7C	Determine expected weather conditions	Meteorology	✓	
29	OICNW-2-1A	Identify light configurations	Watchkeeping	✓	
30	OICNW-2-1B	Identify day shapes	Watchkeeping	✓	
31	OICNW-2-1C	Identify sound signals	Watchkeeping	✓	
32	OICNW-2-1D	Determine risk of collision	Watchkeeping	✓	
33	OICNW-2-1E	Maneuver to avoid risk of collision -- meeting	Watchkeeping	✓	
34	OICNW-2-1F	Maneuver to avoid risk of collision -- overtaking	Watchkeeping	✓	
35	OICNW-2-1G	Maneuver to avoid risk of collision -- crossing <b>NEW ASSESSMENT</b>	Watchkeeping	✓	
36	OICNW-2-2A	Watch Relief	Watchkeeping	✓	
37	OICNW-2-2B	Keep a safe navigation watch	Watchkeeping		✓
38	OICNW-2-2C	Notify Master when appropriate	Watchkeeping	✓	

	TASK	KUP	QMT	FMS	Ship U/W
39	OICNW-2-2D	Keep a safe anchor watch		✓	✓
40	OICNW-2-2E	Navigate in restricted visibility		✓	✓
41	OICNW-2-2F	Turn over a watch	✓		
42	OICNW-2-3A	Voyage planning	✓		
43	OICNW-2-3B	Execute a voyage plan		✓	✓
44	OICNW-2-3C	BRM – Recognition of watch condition / Watch augmentation		✓	✓
45	OICNW-2-3D	BRM Condition III – collision avoidance		✓	✓
46	OICNW-2-3E	BRM Condition III – navigation		✓	✓
47	OICNW-2-3F	BRM Condition II or III – error trapping		✓	✓
48	OICNW-2-3G	BRM Condition II – navigation and collision avoidance		✓	✓
49	OICNW-2-3H	BRM Condition III – establish a bridge team		✓	✓
50	OICNW-2-3I	BRM Condition II or III – prioritization <b>NEW ASSESSMENT</b>		✓	
51	OICNW-3-1A	Set up and maintain radar display	✓		
52	OICNW-3-1B	Switch display modes	✓		
53	OICNW-3-1C	Identify false echoes, sea return, racon and SART	✓		
54	OICNW-3-1D	Determine range and bearing	✓		
55	OICNW-3-1E	Determine risk of collision	✓		
56	OICNW-3-1F	Determine DRM, SRM, CPA, and TCPA	✓		
57	OICNW-3-1G	Detect speed and course changes of other ships	✓		
58	OICNW-3-1H	Change course to control target DRM	✓		
59	OICNW-3-1I	Change speed to control target DRM	✓		
60	OICNW-3-1J	Determine true course and speed of target vessels	✓		
61	OICNW-3-1K	Parallel indexing	✓		
62	OICNW-3-1L	Determine DRM, SRM, CPA and TCPA of target vessels	✓		
63	OICNW-3-2A	Set up and maintain an ARPA display	✓		
64	OICNW-3-2B	Manual target acquisition	✓		
65	OICNW-3-2C	Establish an exclusion area	✓		
66	OICNW-3-2D	Set vector characteristics	✓		
67	OICNW-3-2E	Designate targets	✓		
68	OICNW-3-2F	Cancel targets	✓		
69	OICNW-3-2G	Target History	✓		
70	OICNW-3-2H	Establish CPA and TCPA	✓		
71	OICNW-3-2I	Establish alarm area	✓		
72	OICNW-3-2J	Trial Maneuver	✓		
73	OICNW-3-2K	Switch stabilization modes	✓		
74	OICNW-3-2L	Navigation lines	✓		
75	OICNW-3-2M	Determine set and drift	✓		
76	OICNW-3-2N	Determine range and bearing to an object	✓		
77	OICNW-4-1A	Flashing light	✓		
78	OICNW-5-1A	Maneuver for man overboard	✓		
79	OICNW-5-1B	Course change of more than 45 degrees	✓		
80	OICNW-5-1C	Emergency stop	✓		