(15) Chief engineer, limited-oceans.
(16) Assistant engineer, limitedoceans.
(17) Chief engineer, limited-near coastal.
(18) Chief engineer (OSV).
(19) Engineer (OSV).

Table 10.903-1

| STCW CODE | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 11/1 |  |  | .... | X | X | X | .... |  |  | X | .... | .... | .... | .... | .... | .... | .... | ... | .... |
| 11/2, p. 1 \& 2 ............................. | X | X | $\ldots$ | … | .... | ... | $\ldots$ | X | X | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... |
| III/2, p. 3 \& 4 .............................. | .... | .... | X | .... | $\ldots$ | .... | X | .... | .... | $\ldots$ | .... | .... | $\ldots$ | .... | .... | .... | .... | .... | .... |
| 11/3 .......................................... | .... | . | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | $\ldots$ | $\cdots$ | .... | $\cdots$ | .... | .... |  |
| III/1 ......................................... | .... | .... | .... | … | .... | .... | .... | … | .... | .... | … | $\ldots$ | X | X | .... | X | .... | $\cdots$ | X |
| III/2 | .... | .... | .... | .... | .... | .... | .... | .... | .... | ... | X | X | .... | .... | $\ldots$ | ... |  | X | .... |
| III/3 | .... | .... | .... |  | .... | .... | .... |  | .... |  | .... |  | .... |  | X |  | X |  |  |

(d) After July 31, 1998, any candidate for a license listed in paragraph (c) of this section, who meets the requirements of the appropriate regulations and standards of competence in STCW and part A of the STCW code (incorporated by reference in $\S 10.102$ ) as indicated in table 10.903-1, need not comply with $\S 10.910$, or, 10.950 , of this part.
[CGD 81-059, 52 FR 38623, Oct. 16, 1987, as amended by CGD 81-059, 54 FR 144, Jan. 4 1989; CGD 81-059a, 59 FR 10756, Mar. 8, 1994; CGD 95-062, 62 FR 34533, June 26, 1997; USCG-1998-4442, 63 FR 52188, Sept. 30, 1998; USCG-1999-6224, 64 FR 63235, Nov. 19, 1999; 66 FR 20944, Apr. 26, 2001; USCG-1999-5610, 67 FR 66068, Oct. 30, 2002; USCG 1999-6224, 68 FR 35817, June 17, 2003; USCG-2004-18884, 69 FR 58342, Sept. 30, 2004]

## § 10.910 Subjects for deck licenses.

Table 10.910-1 gives the codes used in table 10.910-2 for all deck licenses. Table 10.910-2 indicates the examination subjects for each license, by code number. Figures in the body of the table, in place of the letter "x", refer to notes.

Table 10.910-1 Codes for Deck Licenses
Deck Licenses:

1. Master, Oceans/near coastal, any gross tons.
2. Chief mate, oceans/near coastal, any gross tons.
3. Master, oceans/near coastal, 500/1,600 gross tons.
4. Second mate, oceans/near coastal, any gross tons.
5. Third mate, oceans/near coastal, any gross tons.
6. Mate, oceans/near coastal, 500/1,600 gross tons.
7. Master, oceans/near coastal, and mate, near coastal, 200 gross tons (includes master, near coastal, 100 gross tons).
8. Operator, uninspected passenger vessels, near coastal.
9. Operator, uninspected passenger vessels, Great Lakes/inland.
10. Apprentice mate, towing vessels, ocean (domestic trade) and near-coastal routes.
11. Apprentice mate (steersman), towing vessels, Great Lakes and inland routes.
12. Steersman, towing vessels, Western Rivers.
13. Master, Great Lakes/inland, or master, inland, any gross tons.
14. Mate, Great Lakes/inland, any gross tons.
15. Master, Great Lakes/inland, 500/1,600 gross tons.
16. Mate, Great Lakes/inland, 500/1,600 gross tons.
17. Master or mate, Great Lakes/inland, 200 gross tons (includes master, Great Lakes/inland, 100 gross tons).
18. Master, rivers, any gross tons.
19. Master, rivers, $500 / 1,600$ gross tons.
20. Mate, rivers, $500 / 1,600$ gross tons.
21. Master or mate, rivers, 200 gross tons (includes master, rivers, 100 gross tons).
22. Master, uninspected fishing industry vessels, oceans/near coastal.
23. Mate, uninspected fishing industry vessels, oceans/near coastal.
24. First class pilot.

Table 10.910-2-License Codes

| Examination topics | 1 |  | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 11 | 2 | 3 | 4 | 51 |  |  |  |  | 20 | 21 | 22 | 23 | 24 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Navigation and position determination: Ocean Track Plotting: Middle Latitude Sailing $\qquad$ Mercator Sailing $\qquad$ |  |  | $\begin{aligned} & 1 \\ & x \end{aligned}$ |  | 1 | 1 1 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |

Table 10.910-2—LICENSE Codes—Continued

| Examination topics | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Great Circle Sailing | 1 | 1 |  | 1 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Parallel Sailing ....... | 1 |  |  | 1 | 1 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| ETA ............... | X | X | 1 | X | X |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Piloting: |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Distance Off |  | X | X | X | X | X | X | X | X | X | X |  | X | X | X | X | X |  |  |  |  | X | X | X |
| Bearing Problems |  | X | X | X | X | X | X | X | X | X | X |  | X | X | X | X | X |  |  |  |  | X | X | X |
| Fix or Running Fix ....................... |  | X | X | X | X | X | X | X | X | X | X |  | X | X | X | X | X |  |  |  |  | X | X | X |
| Chart Navigation . |  | X | X | X | x | X | X | X | X | X | X | 2 | X | X | X | X | X | 2 | 2 | 2 | 2 | X | X | X |
| Dead Reckoning |  | X | X | X | X | X | X | X | X | X | X |  | X | X | X | X | X |  |  |  |  | X | X | X |
| Celestial Observations: |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Special Cases (hi/lo Alt., Backsight) ............................. | 1 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Latitude by Polaris ....................... | 1 | 1 | 1 | 1 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Latitude by Meridian Transit .......... | 1 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Lat. by Meridian Transit (Sun Only) | X | X | 1 | X | X | 1 | 1 |  |  | 1 |  |  |  |  |  |  |  |  |  |  |  | 1 | 1 |  |
| Fix or Running Fix (Any Body) ...... | X | X | 1 | X |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 1 |  |  |
| Fix or Running Fix (Sun Only) ....... |  |  |  |  | X | 1 | 1 |  |  | 1 |  |  |  |  |  |  |  |  |  |  |  |  | 1 |  |
| Star Identification ........................ | 1 | 1 | 1 | 1 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Star Selection ...... | 1 | X | 1 | X |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 1 |  |
| Times of Celestial Phenomena: |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Time of Meridian Transit | 1 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Time of Meridian Transit (Sun Only) $\qquad$ | X | X | 1 | X | X | 1 | 1 |  |  | 1 |  |  |  |  |  |  |  |  |  |  |  | 1 | 1 |  |
| Second Estimate Meridian Transit Zone Time Sun Rise/Set/Twi- | 1 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| light | X | X | 1 | 1 | 1 | 1 | 1 |  |  | 1 |  |  |  |  |  |  |  |  |  |  |  |  | 1 | 1 |
| Zone Time Moon Rise/Set ..... | X | X |  | 1 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Speed by RPM ........................... | X | X |  | X |  |  |  |  |  |  |  |  | 3 |  |  |  |  |  |  |  |  |  |  |  |
| Fuel Conservation | X | X |  |  |  |  |  |  |  |  |  |  | 3 |  |  |  |  |  |  |  |  |  |  |  |
| Electronic Navigation | X | X | X | X | X | X | X | X | X | X | X |  | X | X | X | X | X |  |  |  |  | X | X | X |
| Instruments and Accessories ........ | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X |
| Aids To Navigation ..................... | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X |
| Charts, Navigation Publications, and Notices to Mariners | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X |
| Naut. Astronomy \& Nav. Definitions $\qquad$ | X | X |  |  | X |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Chart Sketch Seamanship: |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 4 |
| Marlinspike Seamanship ..................... |  |  |  | X | X | X | X | X | X | X | X | X |  | X |  | X | X | X | X | X | X | X | X | X |
| Purchases, Blocks and Tackle ............ |  |  |  | X | X | X | X |  |  | X | X | X |  | X |  | X | X | X | X | X | X | X | X | X |
| Small Boat Handling Under Oars or |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Sail ............................................... |  |  |  | X | X |  |  |  |  |  |  |  | X | X |  |  |  |  |  |  |  |  |  |  |
| Watchkeeping: |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| COLREGS | X | X | X | X | X | X | X | X | 5 | X | 5 |  | 5 | 5 | 5 | 5 | 5 |  |  |  |  | X | X | 5 |
| Inland Navigational Rules ................... | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X |
| Basic Principles, Watchkeeping ........... | X | X | X | X | X | X | X |  |  | X | X | X | X | X | X | X | X | X | X | X | X |  |  |  |
| Navigation Safety Regs. (33 CFR 164) | X | X |  | X | X |  |  |  |  |  |  |  | X | X |  |  |  | X |  |  |  | 6 | 6 | 6 |
| Radar Equipment: |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Radar Observer Certificate .................. | X | $x$ | X | X | X | $x$ | 1 |  |  | 1 |  |  | $x$ | X |  |  |  | X |  |  |  | X | X | X |
| Compass-Magnetic and Gyro: <br> Principles of Gyro Compass | X | X | X | X | X | X |  |  |  |  |  |  | X | X | X | X |  |  |  |  |  | X | X |  |
| Principles of Magnetic Compass .......... | X | X | X | X | X | X |  |  |  |  |  | X | X | X | X | X | X | X | X | X | X | X | X | X |
| Magnetic Compass Adjustment ............ | X | X |  |  |  |  |  |  |  |  |  |  | X | X |  |  |  |  |  |  |  |  |  |  |
| Gyro Compass Error/Correction ........... | X | X | X | X | X | X | 7 |  |  |  | X | X | X | X | X | X | 7 |  |  |  |  | X | X | X |
| Magnetic Compass Error/Correction .... | X | X | X | X | X | X | X | X | X | X | X |  | X | X | X | X | X |  |  |  |  | X | X | X |
| Determination of Compass Error: <br> Azimuth (Any Body) | X | X |  | 1 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Azimuth (Sun Only) | X |  | 1 |  | X | 1 | 1 |  |  | 1 |  |  | 3 |  |  |  |  |  |  |  |  | 1 | 1 |  |
| Amplitude (Any Body) ............ | X |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Amplitude (Sun Only) ............ |  | X | 1 | X | X | 1 | 1 |  |  | 1 |  |  | 3 |  |  |  |  |  |  |  |  | 1 | 1 |  |
| Deviation Table Construction | X | X | 1 | $\begin{aligned} & x \\ & x \end{aligned}$ | $\begin{aligned} & x \\ & x \end{aligned}$ |  |  |  |  |  |  |  | 3 $\times$ |  |  |  |  |  |  |  |  |  |  |  |
| Terrestrial Observation Gyro Controlled Systems |  | X | X | $\begin{aligned} & x \\ & X \end{aligned}$ | $\mathrm{X}$ | $\left\lvert\, \begin{aligned} & x \\ & x \end{aligned}\right.$ | X | X | X | X | X |  | X | X |  | X | X |  |  |  |  | X | X | X |
| Gyro Controlled Systems .............. Operation \& Care of Main Gyro | X | X |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Systems .................................. | X | X | X | X |  | X |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Meteorology and Oceanography: <br> Characteristics of Weather Systems |  | X | X | X | x | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X |
| Ocean Current Systems .................... |  | X | X | X | x |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | X | X |  |
| Weather Charts and Reports ............... |  | X |  | X | X |  | X |  |  | X |  |  |  |  |  |  |  |  |  |  |  | X |  |  |
| Tides and Tidal Currents: | X |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Terms and Definitions ............ |  |  |  |  | x | x | X | x | X | X | X |  | X | X |  | X | X |  |  |  |  | X | X | X |

Table 10.910-2-License Codes-Continued

| Examination topics | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Publications |  | X | X | X | X | X | X | X | X | X | X |  | X | X | X | X | X |  |  |  |  | X | X | X |
| Calculations |  | X | X | X | X | X | X | X | X | X | X |  | X | X | X | X | X |  |  |  |  | X | X | X |
| Ship Maneuvering and Handling: |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Shiphandling in Rivers, Estuaries | $\begin{aligned} & X \\ & X \end{aligned}$ | X | X |  |  | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X |  | X X |
| Maneuvering in Shallow Water | X | X | X |  |  | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X |  | X |
| Interaction with Bank/Passing Ship | X | X | X |  |  | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X |  | X |
| Berthing and Unberthing ..................... | X | X | X |  |  | X | X | X | X | X |  |  | X | X | X |  | X | X | X |  | X | X |  | X |
| Anchoring and Mooring ....................... |  | X | X | X | X | X | X | X | X | X |  |  | X | X | X | X | X |  |  |  |  | X | X | X |
| Dragging, Clearing Fouled Anchors |  | X | X | X | X | X | X |  |  |  |  |  | X | X | X | X | X |  |  |  |  | X |  |  |
| Drydocking, with \& without Prior Damage $\qquad$ |  | $x$ | X |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Heavy Weather Operations ................. |  | X | X |  |  |  | X | X | X |  |  |  |  |  |  |  | X |  |  |  |  | X | X |  |
| Maneuvering for Launching of Lifeboats and Liferafts in Heavy Weather |  | X | X |  |  |  | X |  |  | X |  |  | X |  | X |  |  |  |  |  |  | X | X |  |
| Receiving Survivors From Lfbts/Lfrfts ... |  | X | X |  |  |  | X |  |  | X | X |  |  |  |  |  |  |  |  |  |  |  |  |  |
| General: Turn Circle, Pivot Point, Advance and Transfer $\qquad$ |  |  |  | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X |
| Determine Maneuvering Characteristics of Major Vessel Types $\qquad$ |  | X |  | X | X |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Wake Reduction ................................ |  | X | X |  |  |  | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X |  | X |
| Ice Operations/Ice Navigation .............. | X | X | X |  |  | X |  |  |  | X | X | X | X | 3 | X | 3 |  |  |  |  |  |  |  |  |
| Towing Operations ............................ |  | X | X | X | X | X | X |  |  | X | X | X |  | X |  | X | X | X | X | X | X |  |  |  |
| Ship Stability, Construction, and Damage Control: |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Principles of Ship Construction ............ |  | X | X | X | X |  | X |  |  | X | 3 | X | 3 | X | X | X |  |  |  |  |  |  |  |  |
| Trim and Stability .............................. | X | X | X | X | X | X | X |  |  | X | X | X | X | 3 | X | 3 | X | X | X |  | X | X | X |  |
| Damage Trim and Stability ................. | X | X | X |  |  | X | 7 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Stability, Trim, and Stress Calculation .. | X | X | X | X |  |  | 7 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Vessel Structural Members ................. |  | X | X | X | X | X | 7 |  |  |  |  |  |  | X | X | 3 | 7 |  |  |  |  |  |  |  |
| IMO Ship Stability Recommendations .. | X | X |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Damage Control ................................ | X | X | X |  |  | X |  | 7 |  |  |  |  |  |  |  | 7 |  |  |  |  |  |  |  |  |
| Change in Draft Due to Density .......... | X | X |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Marine Power Plant Operating Principles $\qquad$ |  | X | X |  |  |  | 7 |  |  |  |  |  | X |  | X |  | 7 | X | X |  |  |  |  |  |
| Ships' Auxiliary Machinery .................. |  | X | X |  |  |  |  |  |  |  |  | X |  |  | X |  |  | X | X |  |  |  |  |  |
| Marine Engineering Terms ................. |  | X | X |  |  | 7 |  |  |  |  |  | X |  | X |  | 7 | X | X |  |  |  |  |  |  |
| Small Engine Operations and Maintenance $\qquad$ |  |  |  |  |  |  | X | X | X |  |  |  |  |  |  |  |  |  |  | X |  |  |  |  |
| Cargo Handling and Stowage: |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Cargo Stowage and Security, Including Cargo Gear $\qquad$ |  | x | X | X | X | X | 7 |  |  |  |  |  | X | X | X | X | 7 | X | X | X |  |  |  |  |
| Loading and Discharging Operations ... |  | X | X | X | X | X |  |  |  |  |  |  | X | X | X | X |  | X | X | X |  |  |  |  |
| International Regulations for Cargoes, Especially IMDG $\qquad$ | X | X | X |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Dangerous/Hazardous Cargo Regulations $\qquad$ | X | X | X | X | X | X |  |  |  |  |  |  | X | X | X | X |  | X | X | X |  |  |  |  |
| Tank Vessel Safety ............................ |  | X | X | X | X | X |  |  |  |  |  |  | X | X | x | X |  | X | X | X |  |  |  |  |
| Cargo Piping and Pumping Systems .... |  | X | X | X | X | X |  |  |  |  |  |  | X | X | x | X |  | X | X | X |  |  |  |  |
| Cargo Oil Terms and Definitions ......... |  | X | X | X | X | X |  |  |  |  |  |  | X | X | X | X |  | X | X | X |  |  |  |  |
| Ballasting, Tank Clean., \& Gas Free Ops $\qquad$ |  | X | X | X |  |  |  |  |  |  |  | X |  |  | X |  | X | X | X |  |  |  |  |  |
| Load on Top Procedures .................... |  | X | X | X | X | X |  |  |  |  |  | X |  | X | X |  | X | X | X |  |  |  |  |  |
| Barge Regulations (Operations) .......... |  |  |  |  |  |  |  |  |  | X | X | X |  |  |  |  |  |  |  |  |  |  |  |  |
| Fire Prevention and Firefighting Appliances: |  | $x$ |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | X |  |
| Classes and Chemistry of Fire ............. |  | X | X | X | X | X | X | X | X | X | X | X | X | X | \|l|l | X | X | X | X | X | X | X | X X X |  |
| Firefighting Systems ........................... |  | X | X | X | X | X | X |  |  | X | X | X | X | X | X | X | X | X | X | X | X | X | X |  |
| Firefighting Equip. and Regulations ...... |  | X | X | X | X | X | 7 |  |  | X | X | X | X | X | X | X | 7 | X | X | X | 7 | X | X |  |
| Firefighting Equip. \& Regs. for T-Boats |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | x |  |  |  |
| Basic Firefighting and Prevention ........ |  | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X |  |
| Emergency Procedures: $\quad$ Shiper |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Ship Beaching Precautions ................. |  | X | X |  |  |  |  |  |  |  |  |  | X |  | X |  |  |  |  |  |  |  |  |  |
| Actions Prior To/After Grounding .......... |  | X | X |  |  |  |  |  |  |  |  |  | X |  | X |  |  | X | X |  |  |  |  |  |
| Refloating a Grounded Ship ................ |  | X | X |  |  |  |  |  |  |  |  |  | X |  | X |  |  | X | X |  |  |  |  |  |
| Collision ........................................... |  | X | X |  |  |  | X | X |  | X | X | X | X |  | X |  | X | X | X |  | X |  |  |  |
| Temporary Repairs ........................... |  | X | X | X |  |  |  |  |  |  |  | X | X |  | X |  |  | X | X |  |  | X | X |  |
| Passenger/Crew Safety in Emergency |  | X | X | X | X | X |  |  | X | X | X | X | X | X | X | X | X | X | X | X | x |  |  |  |
| Fire or Explosion ............................... |  | X | X | X | X | X |  |  |  |  | X | X | X | X | X | X | X | X | X | X | X |  | X |  |
| Abandon Ship Procedures ................... |  | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X |  |
| Emergency Steering ............ |  | X | X | X |  |  |  |  |  |  |  |  | X |  | X |  |  | X | X |  |  | X | X |  |

Table 10.910-2—License Codes-Continued


Table 10.910-2-LICENSE Codes-Continued


1-For ocean routes only
1-For ocean routes only.
-River chart navigation only
(and shoals, other important features of the route, such as character of the bottom. The OCMI may accept chart sketching of only a portion or portions of the route for long or extended routes.
5-Take COLREGS if license not limited to non-COLREG waters.
6 -For licenses over 1600 gross tons.
8-Sail vessel safety precautions, rules of the road, operations, heavy weather procedures, navigation, maneuvering, and sailing terminology. Applicants for sail/auxiliary sail endorsements to master, mate or operator of uninspected passenger vessels licenses are also tested in the subjects contained in this addendum.
[CGD 81-059a, 55 FR 14802, Apr. 18, 1990, as amended by USCG-1999-6224, 64 FR 63235, Nov. 19, 1999; USCG-2001-10224, 66 FR 48619, Sept. 21, 2001]
§ 10.920 Subjects for MODU licenses.
Table 10.920-1 gives the codes used in Table 10.920-2 for MODU licenses. Table 10.920-2 indicates the examination subjects for each license by the code number.

Table 10.920-1 Codes for MODU Licenses

1. OIM/Unrestricted
2. OIM/Surface Units Underway
3. OIM/Surface Units on Location
4. OIM/Bottom Bearing Units Underway
5. OIM/Bottom Bearing Units on Location
6. Barge Supervisor
7. Ballast Control Operator

TABLE 10.920-2—SUBJECTS FOR MODU LICENSES

| Examination topics | 1 | 2 | 3 | 4 | 5 | 6 | 7 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Watchkeeping COLREGS | X | X |  | X | ..... | X |  |
| "Basic Principles for Navigational Watch" $\qquad$ | X | X | X | X | X | X |  |
| MODU obstruction lights $\qquad$ | X | ..... | X | .... | X | X |  |
| Meteorology and oceanography: |  |  |  |  |  |  |  |
| Synoptic chart weather forecasting $\qquad$ | X | X | X | X | X | X |  |
| Characteristics of weather systems .. | X | X | X | X | X | X | X |
| Ocean current systems $\qquad$ | X | X | X | X | X | X |  |
| Tide and tidal current publications ... | X | X | X | X | X | X |  |
| Stability, ballasting, construction and damage control: |  |  |  |  |  |  |  |
| Principles of ship construction, structural members ...... | X | X | X | X | X | X | X |
| Trim and stability ..... | X | X | X | X | X | X | X |

TABLE 10.920-2—SUBJECTS FOR MODU LICENSES-Continued

| Examination topics | 1 | 2 | 3 | 4 | 5 | 6 | 7 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Damaged trim and stability countermeasures ......... | X | X | X | X |  | X | X |
| Stability and trim calculations $\qquad$ | X | X | X | X |  | X | X |
| Load line requirements $\qquad$ | X | X | X | X | X | X | X |
| Operating manual: |  |  |  |  |  |  |  |
| Rig characteristics and limitations | X | X | X | X | X | X | X |
| Hydrostatics data ..... | X | X | X | X | ..... | X | X |
| Tank tables ............. | X | X | X | X | X | X | X |
| KG limitations .......... | X | X | X | X | ..... | X | X |
| Severe storm instructions $\qquad$ | X | X | X | X | X | X | X |
| Transit instructions .. | X | X | ...... | X | $\ldots$ | X | X |
| On-station instructions $\qquad$ | X | ..... | X | ..... | X | X | X |
| Unexpected list or trim $\qquad$ | X | X | X | X | $\ldots$ | X | X |
| Ballasting procedures $\qquad$ | X | X | X | ...... | ..... | X | X |
| Operation of bilge system $\qquad$ | X | X | X | X | ...... | X | X |
| Leg loading calculations $\qquad$ | X |  |  | X | X |  |  |
| Completion of variable load form $\qquad$ | X | X | X | X | X | X | X |
| Evaluation of variable load form $\qquad$ | X | X | X | X | X | X | X |
| Emergency procedures $\qquad$ | X | X | X | X | X | X | X |
| Maneuvering and handling: |  |  |  |  |  |  |  |
| Anchoring and anchor handling | X | X | X | ..... | $\ldots$ | X |  |
| Heavy weather operations $\qquad$ | X | X | X | X | X | X | X |
| Mooring, positioning | X | X | X | X | ..... | X | X |
| Moving, positioning .. | X | X |  | X |  | X |  |

