

Coast Guard, DHS

§ 11.920

§ 11.920 Subjects for MODU endorsements.

Table 1 to § 11.920 gives the codes used in Table 2 to § 11.920 for MODU endorsements. Table 2 to § 11.920 indicates the examination subjects for each endorsement by the code number.

TABLE 1 TO § 11.920—CODES FOR MODU ENDORSEMENTS

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 2 TO § 11.920—SUBJECTS FOR MODU LICENSES

Examination topics	1	2	3	4	5	6	7
Watchkeeping:							
COLREGS	X	X	.....	X	.....	X	
"Basic Principles for Navigational Watch"	X	X	X	X	X	X	
MODU obstruction lights	X	.....	X	.....	X	X	
Meteorology and oceanography:							
Synoptic chart weather forecasting	X	X	X	X	X	X	
Characteristics of weather systems	X	X	X	X	X	X	X
Ocean current systems	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
Damaged trim and stability countermeasures	X	X	X	X	.....	X	X
Stability and trim calculations	X	X	X	X	.....	X	X
Load line requirements	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	X	X	X	X	X	X	X
Transit instructions	X	X	.....	X	.....	X	X
On-station instructions	X	.....	X	.....	X	X	X
Unexpected list or trim	X	X	X	X	.....	X	X
Ballasting procedures	X	X	X	.....	.....	X	X
Operation of bilge system	X	X	X	X	.....	X	X
Leg loading calculations	X	.....	.....	X	X	.....
Completion of variable load form	X	X	X	X	X	X	X
Evaluation of variable load form	X	X	X	X	X	X	X
Emergency procedures	X	X	X	X	X	X	X
Maneuvering and handling:							
Anchoring and anchor handling	X	X	X	.....	.....	X	
Heavy weather operations	X	X	X	X	X	X	X
Mooring, positioning	X	X	X	X	.....	X	X
Moving, positioning	X	X	.....	X	.....	X	
Fire prevention and firefighting appliances:							
Organization of fire drills	X	X	X	X	X	X	X
Classes and chemistry of fire	X	X	X	X	X	X	X
Firefighting systems	X	X	X	X	X	X	X
Firefighting equipment and regulations	X	X	X	X	X	X	X
Basic firefighting and prevention of fires	X	X	X	X	X	X	X
Emergency procedures and contingency plans:							
Temporary repairs	X	X	X	X	.....	X	
Fire or explosion	X	X	X	X	X	X	X
Abandon unit	X	X	X	X	X	X	X
Man overboard	X	X	X	X	X	X	X
Heavy weather	X	X	X	X	X	X	X
Collision	X	X	X	X	X	X	X
Failure of ballast control system	X	X	X	.....	.....	X	X
Mooring emergencies	X	.....	X	.....	.....	X	X
Blowouts	X	.....	X	.....	X	X	X
H.S safety	X	.....	X	.....	X	X	X
General Engineering—Power plants and auxiliary systems:							
Marine engineering terminology	X	X	X	X	X	X	X
Engineering equipment, operations and failures	X	X	X	X	X	X	
Offshore drilling operations .....	.....	.....	.....	.....	.....	.....	X
Deck seamanship—general:							
Transfer of personnel	X	X	X	X	X	X	
Support boats/helicopters	X	X	X	X	X	X	
Cargo stowage and securing	X	X	X	X	X	X	

TABLE 2 TO § 11.920—SUBJECTS FOR MODU LICENSES—Continued

Examination topics	1	2	3	4	5	6	7
Hazardous materials/dangerous goods precautions	X	X	X	X	X	X	
Mooring equipment	X	X	X	X	X	X	
Crane use procedures and inspections	X	X	X	X	X	X	
Medical care:							
Knowledge and use of:							
First aid	X	X	X	X	X	X	X
First response medical action	X	X	X	X	X	X	X
Maritime law and regulation:							
National maritime law:							
Certification and documentation of vessels	X	X	X	X	X		
Ship sanitation	X	X	X	X	X		
Regulations for vessel inspection	X	X	X	X	X		
Pollution prevention regulations	X	X	X	X	X	X	X
Credentialing regulations	X	X	X	X	X		
Rules and regulations for MODUs	X	X	X	X	X	X	
International Maritime law:							
International Maritime Organization	X	X	X	X	X		
International Convention on Load Lines	X	X	X	X			X
MARPOL 73/78	X	X	X	X	X		
Personnel Management and Training:							
Ship's business including:							
Required logs and recordkeeping	X	X	X	X	X	X	
Casualty reports and records	X	X	X	X	X		
Communications:							
Radio communications and FCC permit	X	X	X	X	X	X	
Radiotelephone procedures	X	X	X	X	X	X	
Lifesaving/Survival:							
Lifesaving appliance operation (launching, boat handling) ..	X	X	X	X	X	X	X
Procedures/rules for lifeboats, survival suits, personal flotation devices (PFDs), life rafts and emergency signals	X	X	X	X	X	X	X
Emergency radio transmissions	X	X	X	X	X	X	X
Survival at sea	X	X	X	X	X	X	X

§ 11.950 Examination subjects for engineer officer endorsements.

Table 1 to § 11.950 gives the codes used in Table 2 to § 11.950 for engineer officer endorsements. Table 2 to § 11.950 indicates the examination subjects for each endorsement by the code number.

TABLE 1 TO § 11.950—CODES FOR ENGINEER OFFICER ENDORSEMENTS

1. First assistant engineer (unlimited).
2. Third assistant engineer (unlimited).
3. Chief engineer (limited).

TABLE 1 TO § 11.950—CODES FOR ENGINEER OFFICER ENDORSEMENTS—Continued

4. Assistant engineer (limited).
5. Designated duty engineer (unlimited).
6. Designated duty engineer (4,000 HP).
7. Designated duty engineer (1,000 HP).
8. Chief engineer (uninspected fishing industry vessels).
9. Assistant engineer (uninspected fishing industry vessels).
10. Chief engineer (MODU).
11. Assistant engineer (MODU).
12. Chief engineer (OSV unlimited).
13. Assistant engineer (OSV unlimited).
14. Chief engineer (OSV 4,000 HP).
15. Assistant engineer (OSV 4,000 HP).