

GUIDANCE FOR THE DEVELOPMENT OF TRAINING PROGRAMS LEADING TO THE ISSUANCE OF HIGH-SPEED CRAFT TYPE-RATING ENDORSEMENTS

1. To qualify for Coast Guard approval, a high-speed craft (HSC) type-rating training program should be documented as specified in 46 Code of Federal Regulations (CFR) 10.402 and submitted to the Coast Guard National Maritime Center (NMC) for approval. The program should include the following:
 - a. An appropriate period of operational underway training and classroom instruction followed by assessment and knowledge of skills;
 - b. Completion of appropriate number of round trips over the route applied for on the type of HSC applied for;
 - c. Instruction in the knowledge and practical skills listed in 18.3.3 of the HSC Code; and
 - d. Practical assessment at the conclusion of training.
2. The period of training is dependent upon the complexity of the craft and the nature of the route. Therefore, each will be evaluated on a case-by-case basis. Up to one-third of the underway instruction may be performed on simulators. The performance-based training and assessment shall be performed on board the specific type and class of craft for which the endorsement is sought. At least 24 hours of classroom instruction and 96 hours of practical onboard instruction/training, including 40 hours while underway, should be provided.
3. Training programs should include all skill proficiencies to be evaluated and related assessment criteria. Assessment criteria should include: the performance condition under which the assessment will be conducted, the performance behavior the candidate must demonstrate, and the performance standard that is the step-by-step procedure the candidate must follow.
4. Training programs should include instruction and assessment for revalidation of type-rating endorsements. Revalidation programs should include learning objectives covering modifications to the craft and/or systems, equipment, route, or company operations and underway assessment on board the type craft for which the revalidation is sought.
5. Instructors designated to teach and monitor operational aspects of HSC should be experienced in the operation of the specific craft type, and meet the requirements of a qualified instructor as prescribed in 46 CFR 10.402(b)(2)(iii). Instructors should have an HSC type-rating endorsement and have experience operating high-speed craft. Ideally, the instructor's experience and type-rating endorsement should be upon the specific class of HSC and the routes for which the training is conducted. However, in cases of new classes of HSC, this may not be feasible and instructors may be approved with experience on comparable HSC. Note that this does not relieve the vessel operator of the duty to comply with all applicable laws and regulations, including those for manning of vessels.
6. When performing the final assessment of mariners in the type-rating program, training assessors must meet the requirements in 46 CFR 10.402(b)(2)(iii). In addition, training

providers are encouraged, but not required, to utilize assessors who are not involved in the underway training.

High-Speed Craft Type-Rating training programs should include the following:

HSC Code Citation	Subject	Training	Practical Assessment	Written Assessment
18.3.3.1	Knowledge of all onboard propulsion and control systems, including communication and navigational equipment, steering, electrical, hydraulic and pneumatic systems, and bilge and fire pumping	✓	✓	✓
18.3.3.2	Failure mode of the control, steering, and propulsion systems and proper response to such failures	✓	✓	✓
18.3.3.3	Handling characteristics of the craft and the limiting operational conditions	✓	✓	✓
18.3.3.4	Bridge communication and navigation procedures	✓	✓	✓
18.3.3.5	Intact and damage stability and survivability of the craft in a damaged condition	✓		✓
18.3.3.6	Location and use of the craft's lifesaving appliances, including survival craft equipment	✓		✓
18.3.3.7	Location and use of escapes and the evacuation of passengers	✓		✓
18.3.3.8	Location and use of fire protection and fire-extinguishing appliances and systems	✓		✓
18.3.3.9	Location and use of damage control appliances and systems, including operation of watertight doors and bilge pumps	✓		✓
18.3.3.10	Cargo and vehicle stowage securement systems (when fitted)	✓		✓
18.3.3.11	Methods for control of and communication with passengers in an emergency	✓		✓
18.3.3.12	Location and use of all other items listed in the training manual (18.2.3)	✓		✓
18.6.1	Control and evacuation of passengers	✓		✓