



AUTOMATED PLOTTING

EVALUATION CRITERIA

Pilot a Coast Guard small boat using Automated Plotting (Electronic Navigation) to arrive at a required destination/position.

For drill purposes:

- Use at least 3 waypoints and one course change of 30 degrees or more.

A drill will automatically be deemed unsatisfactory if any of the following conditions are met:

- Jeopardizing safety of passengers and crew (ie. kill switch, jewelry, etc.)
- Unsafe operation or navigation of the boat
- Failure to wear and use serviceable crew safety and survival equipment
- Failure to use applicable operational risk management and updating as necessary

All steps with an **(S)** must be met.

PREPARATIONS

Enter destination position and additional waypoints as needed to ensure safe navigation, save as new route. State estimated time to complete route. (S)	
Verify alarms are set per Command Navigation Standards. (S) CG Sta has it	
Brief crew on mission, specific job responsibilities, and forecast environmental conditions. (S)	
Coxswain verbally assign lookout. (S)	
Make departure within 30 minutes. (S)	

UNDERWAY NAVIGATION

Operate vessel IAW Navigation Rules & Regulations (lights, sound signals, etc.). (S)	
Corrected chart on hand (if required) per Command Navigation Standards. (S) CG Sta has it	
Electronic Navigation System: <ul style="list-style-type: none"> (1) Display set per Command Navigation Standards. (S) CG Sta has it (2) Activate the route. (S) (3) Verify fix position IAW Command Navigation Standards zones & intervals. (S) 	
RADAR: <ul style="list-style-type: none"> (1) Tune/Adjust RADAR for conditions. (2) Proper use of radar to determine risk of collision IAW Navigation Rules & Regulations. (S) (3) Display waypoint information on radar screen. 	
Begin navigation at 1 st waypoint, at planned speed.	
Navigate within Command Navigation Standards XTE with exception of maneuvering for safety. (S)	
Report navigation situation to crew (i.e. distance left/right of track, time to go to turn, nearest hazard to navigation, depth below keel, recommended course) at least once each leg.	
Update remaining ETA, if necessary, prior to the start of the last leg. (S)	
Arrive at destination position within 100 yards and +/- 5 min. of ETA. (S)	



AUTOMATED PLOTTING

COMMENTS / NOTES