FURUNO ECDIS Multiple Choice Test

1. Which operation can you perform on the FURUNO ECDIS? (B)

a. I can play back my ship's past track on the ECDIS

b. I can record my position manually on the RNCs.

c. I can create Notes from my Voyage Log to document a voyage on the charts.

d. I can set the ECDIS to include engine log information into the Voyage Log automatically.

2. Which operation can you perform on the FURUNO ECDIS? (A)

a. I can record my position manually on the ENCs.

b. I can set the ECDIS to automatically choosing a Safety contour based on my setting of ship's maximum draft.

c. I can set Ship's maximum height to enable chart alerts from areas in the charts where there is not sufficient air draft.

d. I can send a copy of my Route Plan to an AIS target as a Safety Message.

3. Which operation can you perform on the FURUNO ECDIS? (C)

a. I can record target ship's position in the Voyage log automatically.

b. I can record a position fix manually by using just one distance and one bearing.

c. I can playback my past voyage track on the charts.

d. I can send my Route Plan and User Chart to a FURUNO GPS for display on the GPS.

4. Which operation can you perform with the FURUNO ECDIS? (D)

a. I can send my Route Plan and User Chart to any RADAR for display on the RADAR.

b. I can send my Route Plan and User Chart to any AIS for display on the AIS.

c. I can send my Route Plan and User Chart to any GPS for display on the GPS.

d. I can send my Route Plan and User Chart to a FURUNO RADAR for display on the RADAR.

5. Which operation can you perform during a voyage? (A)

a. I can use the Event function to record special events in the Event Log.

b. I can create a User Chart from the Alert Log and save it to a USB memory device.

c. I can create a User Chart from the Chart Usage Log and save it to a USB memory device.

d. I can create a User Chart from the Voyage Log and save it to a USB memory device.

6. Which operation can you perform after completion of a voyage? (D)

a. I can add additional records of manual positions to the Voyage Log adding further details to the past voyage.

b. I can create a User Chart from the monitored Route Plan and save it to a USB memory device.

c. I can create a backup copy of the Voyage log on a USB memory device.

d. I can view and print a copy of the Chart Usage Log.

7. Which operation can you perform during a voyage or after completion of a voyage? (B)

a. I can use the Event function to record special events in the Details Log.

b. I can view and print a copy of the Voyage Log. (□□□□ Details Log)

c. I can create a backup copy of Own Ship's past track (120 minutes max.) on a USB memory device and keep the copy in a safe location for future reference.

d. I can reset the Chart Usage Log after creating a backup copy.

8. What is a Manual Update? (B)

a. A Manual Update is an update applied using the Manual function in Load & Update Charts.

b. A Manual Update is an update to the charts created by the operator from information received from the Pilot – a Navtex message – a VHF broadcast etc.

c. A Manual Update is an update applied to the charts by an official representative of the chart producer.

d. A Manual Update is a chart created using the digitizer function of the FURUNO ECDIS.
9. When do you use Manual Update? (B)
a. Always when I have to update my charts.
b. When I receive information which must be displayed on my ECDIS and this is not yet i ncluded in the official weekly updates.
c. I should never use Manual Updates.
d. When I have to update the software of the ECDIS.
10. Where can Manual Updates be displayed? (D)
a. Only on ENCs.
b. Only on RNCs.
c. Only on Vector Charts.
d. On all types of charts in the ECDIS.
11. How can you see if a chart object is created using Manual Updated? (D)
a. The Manual Update will be larger than any other chart objects.
b. It is always shown in red.
c. It will have a special orange marker.
d. There is no way I can see if a chart object is created using Manual Updates.
12. Can you copy your Manual Updates from one FURUNO ECDIS to another? (A)
a. No.
b. Yes-by using the Backup and Restore dialogue to transfer the Manual Updates to a US B.
c. Yes-by sending the Manual updates via an email.
d. No-but I can transfer them to another manufacturer's type of ECDIS.
13. Can you create a Manual Update from an AIS Safety Message shown on the ECDIS? (A)
a. Yes-by manually creating the object.
b. Yes-by letting the ECDIS create the object automatically.
c. Yes-either by creating it manually or letting the ECDIS create it automatically.
d. No.
14. Can you create a Manual Update from an Navtex Message shown on the ECDIS? (A)
a. Yes-by manually creating the object.
b. Yes-by letting the ECDIS create the object automatically.
c. Yes-either by creating it manually or letting the ECDIS create it automatically.
d. No.
15. What should you remember to set up before planning a route? (D)
a. The setting for the Voyage Log.
b. The Alarm Level in the Operation submenu.
c. The Conning Display in Installation Parameters.
d. The Chart Viewing Dates.
16. What should you do if you have to leave your planned route during a voyage? (D)
a. Switch off the FURUNO ECDIS and concentrate on the RADAR.
b. Disable the route monitoring on the FURUNO ECDIS.
c. Change the display of the FURUNO ECDIS to IMO All Other.
d. Configure and enable the Check Area function to assist me in scanning the ENCs for d anger to navigation and hazardous objects.
17. How do you record Own Ship's position on the ECDIS charts when you have a Range /Bearing observation from your RADAR? (B)
a. I cannot record own ship's position manually on the FURUNO ECDIS.
b. I record LOP in the Record function of the Event Log.
c. I press the [CTRL] & [ACQ/ACT] button on the Control Unit.
d. I select [Record] [Event Log] and [User Event] from the Instant Access bar and insert the observation in the Record User Event window.
18. How do you document your previous voyage on the FURUNO ECDIS? (D)
a. I use my paper Logbook as documentation.

b. I use my paper Logbook and my VDR or SVDR as documentation.
c. I use the tracking function in the symbol display.
d. I show a playback of my past voyage track on the charts.

19. Where can you find a list of the Manual Updates that have been applied to the FURUNO ECDIS? (B)
a. In the Chart Legend.
b. In the Manual Update Window.
c. In the Chart Catalogue.
d. In the Chart Display menu.

20. Which color scheme is used for Manual update on the FURUNO ECDIS? (B)
a. Blue ENC symbols.
b. Standard ENC symbols.
c. Orange ENC symbols.
d. Red ENC symbols.

21. Where do you change the Target past position density? (C)
a. In the Quick Access bar.
b. In Chart Display.
c. In the symbol display.
d. In the Status bar.

22. Where do you change the Tracked Target size? (C)
a. In the Quick Access bar.
b. In Chart Display.
c. In the symbol display.
d. In the Status bar.

23. What does the alert number 495 indicate? (A)
a. Anchor watch error
b. Track control stopped.
c. Steering parameter error
d. Filter: Init. Error

24. What does the alert number 635 indicate? (A)
a. No official data
b. Log error
c. Dual axis log (WT) error
d. Dual axis log (BT) error

25. What does the alert number 257 indicate? (D)
a. Heading sensor not available
b. Prg track: Need higher speed
c. Prg track: Use radius Ctrl
d. Gyro 3 COM error

26. What does the alert number 450 indicate? (D)
a. Route: Illegal To WPT
b. RADAR comm. error
c. LAN adapter version error
d. Heading sensor not available

27. What does the alert number 640 indicate? (B)
a. Datum mismatch
b. Chart align: Over 30 min.
c. RADAR antenna ID error
d. Gyro error (Trackpilot)

28. Where do you set the Shallow Contour? (C)
a. In Chart Legend
b. In Symbol Display
c. In Chart Alert
d. In Chart Display

29. Where do you set the Shallow Pattern? (C)
a. In Chart Display
b. In Symbol Display
c. In Basic Setting
d. In chart catalogue
30. Where do you set the Deep Contour? (C)
a. In Chart Legend
b. In Symbol Display
c. In Chart Alert
d. In Chart Display
31. Where do you control the AIO? (C)
a. In Chart Legend
b. In Symbol Display
c. In Chart Display
d. In Chart Catalogue
32. When an ENC is outlined in Green in the Chart Catalogue – it means? (A)
a. License is valid – chart is up-to-date
b. License is valid – chart is NOT up-to-date
c. License is available – chart not installed
d. License is not available or has expired
33. When an ENC is outlined in Yellow in the Chart Catalogue – it means? (C)
a. License is valid – chart is up-to-date
b. License is available – chart not installed
c. License is valid – up-to-date status doubtful
d. License is not available or has expired
34. Which information can you find in the Raster Chart Legend? (D)
a. Magnetic Variation
b. Safety Contour setting
c. Quality of data
d. T&P Notice
35. Which information can you find in the Raster Chart Legend? (C)
a. Edition number
b. Last displayed update
c. Edition date
d. Update issue date
36. Which information can you find in the Raster Chart Legend? (B)
a. Shallow Contour
b. Chart Name
c. Chart Viewing date
d. Deep Contour
37. Where can you find information concerning the charts stored on the HDD? (C)
a. On the Internet
b. The Chief Officer will know.
c. In the chart catalogue
d. In the Chart Display menu
38. Which recording function is available in the FURUNO ECDIS? (A)
a. Danger Targets Log
b. Engine Log
c. Speed Log
d. GPS Log
39. Which recording function is available in the FURUNO ECDIS? (C)
a. AIS Log
b. Engine Log
c. Voyage Log
d. RADAR Log

40. Where do you set system priority of multiple GPS connected to the ECDIS? (A)
a. In the Sensor dialogue
b. In Basic Setting
c. In Ship and Route Parameters
d. In Nav Tools
41. Where do you find information on the software version of the FURUNO ECDIS? (C)
a. In the Voyage Log
b. In the System dialogue of the Menu
c. In the About dialogue
d. In the S52 Presentation Library
42. Which ECDIS setting is adjusted in Ship and Route Parameters? (D)
a. Position offset
b. Safety Contour
c. Alarm volume
d. Ship's maximum speed
43. Which printing option is available for the User Chart? (B)
a. Circle Report
b. Full Report
c. System Report
d. Detailed Report
44. What is the maximum limit of the Check Area? (B)
a. No limit
b. 240min + 20NM + 5km + 999m
c. 120min + 10NM + 3km + 500m
d. 999min + 999NM + 999km + 999m
45. How do you hide (not delete) a Manual Update object? (C)
a. I select Clear from the Manual Updates menu
b. I select Undo Last from the Manual Updates menu
c. I deselect that general type of chart object in the Chart Display dialogue
d. I deselect the option from the Symbol Display dialogue

46. Can you set the overall maximum speed for a route plan? (A)
a. Yes in the Ship and Route parameters of the Menu
b. Yes in Chart Display
c. Yes in Optimization parameters
d. Yes in the route planning tool
47. Can you monitor a route even though it indicates an active Alert when you have completed the
Route Plan Check? (A)
a. Yes – the only thing preventing me from monitoring would be an impossible Turn message in the WPT tab.
b. Yes – if I enter the Service Safety Password
c. No
d. It depends on the type of Alert generated (Safety Contour–Restricted Area–Caution Area etc.)
48. How are loaded ENCs converted into SENCs when updating? (A)
a. The FURUNO ECDIS will normally convert the ENCs to SENCs automatically
b. I must use the conversion tool from the Menu
c. I cannot convert ENCs into SENCs
d. I load the new Permit file using the file named ENC. PMT and then I use the S52 presentation Library from the System menu in the Chart Menu to convert the ENCs into SENCs.
49. How do you manually record Own Ship's current position in the Logs? (D)
a. By opening the Voyage Log and entering the current position.
b. By right clicking on own ship icon on the user interface.
c. By pressing the Record button on the Control Unit..

d. By using the record position event function of the Event Log.
50. How do you add navigational chart objects to the FURUNO ECDIS when you are required to do so by
Notice To Mariners? (□□□ a Navtex message / information received via VHF broadcast) (B)
a. I cannot add any chart objects to the ECDIS unless they are included in the weekly up date CDs.
b. I use the Manual Updates function.
c. I use the User Chart function.
d. I use the Chart Edit function.
51. Which of these setting generate an alarm from the Chart Alert setting? (C)
a. Shallow Contour
b. Safety Depth
c. Safety Contour
d. Deep Contour
52. Can you plan a route while you monitor another route? (C)
a. No
b. Yes but only if I have two ECDIS
c. Yes the route planning function is independent from the route monitoring function.
d. Yes but I must select the same Safety Contour for both route plans.
53. How do you save your route to the Hard Disc Drive when it has been edited? (B)
a. I don't. The route is automatically saved to the hard disc drive whenever changes are applied.
b. I click on Save or Save As in the Route Planning tool.
c. I select Save in the Backup and Restore dialogue.
d. I click New in the Route Planning tool.
54. What is the purpose of Kalman Filter? (C)
a. The Kalman filter is the Antivirus software running on the FURUNO ECDIS.
b. The filter is used to calculate an astronomical position from several astronomical obs ervations entered by the operator.
c. The filter continuously monitors the position given by each individual position sensor t o determine if the sensor is reliable or not.
d. The filter is used to verify the quality of data on the Base and Update CDs.
55. How do you switch the Kalman filter on or off? (B)
a. The Kalman filter is always switched on when a route is put into monitor mode and s witched off when there is no route being monitored.
b. The Kalman filter is always on so I never have to switch it on or off.
c. The Kalman filter is switched on or off in the Sensor menu on the Position tab.
d. The Kalman filter is switched on when steering is switched to Autopilot.
56. How do you update your vector charts on the Furuno ECDIS using the ENC update CD? (A)
a. I use the AutoLoad function.
b. I create a Manual Update from the information on the CD.
c. I create a User chart.
d. I import the information using the Chart Details function in the Chart Catalogue.
57. Which setting can be changed in Sensors? (A)
a. Log stabilization mode.
b. Safety Contour setting.
c. Safety Depth setting.
d. Kalman Filter setting.
58. How do you open the User Chart planning tool? (A)
a. I select "Planning" and then "User Chart" in the Quick Access bar when in Plan mode.
b. I select "Planning" and then "User Chart" in the Quick Access bar when in Navi mode.
c. I select Manual Update from the Menu in Charts mode.
d. I left click on User Chart in the information sidebar – then I select Plan.
59. Where do you select the color Palette used to display the charts? (C)

a. In Chart Legend.
b. In Chart Display.
c. In Quick Access Bar.
d. In Chart Catalogue.

60. Where do you control the settings and visibility of the chart layers? (C)
a. In Chart Legend
b. In Symbol Display
c. In Chart Display
d. In Basic Setting

61. Where do you control the visibility of the user overlays (User Chart – Route – etc.)? (B)
a. In Chart Legend
b. In Symbol Display
c. In Chart Display
d. In Chart Catalogue

62-1. Where do you change the visibility of your User Chart (□□□ monitored route / planned route/circles)? (B)
a. In Chart Legend
b. In Symbol Display
c. In Chart Display
d. In Chart Catalogue

62-2. Where do you change the Ship Outlines (□□□ Velocity Vectors style)? (C)
a. In the Quick Access bar
b. In Chart Display
c. In Symbol Display
d. In the Status bar

63. How are regular T&Ps updated on the ECDIS? (C)
a. T&Ps must always be created as manual Updates.
b. I create a Manual Update containing the T&Ps using the Manual function in the Load & Update function of the Chart Menu.
c. Most T&Ps are included in the weekly update CD and these are updated automatically together with the other updates on the CD.
d. I can not update T&Ps on the FURUNO ECDIS.

64. Where can you update the ENCs? (A)
a. In the Chart Manager (Individual Update).
b. In the Update function of chart display
c. In the Update function of the System settings.
d. In the Update function of the Chart Legend.

65. How can you reset the odometer? (A)
a. I can reset the odometer from the Voyage tab of the Menu.
b. I can reset the odometer from the Sensor setting dialogue.
c. I can reset the odometer from the Symbol Display dialogue.
d. I can reset the odometer from the Quick Access sidebar.

66. When the software of the FURUNO ECDIS is being updated – it is important that? (C)
a. The software should be loaded from a USB memory device.
b. The FURUNO ECDIS is put in standby mode before updating.
c. You create backup copies of all critical info in the ECDIS before updating.
d. The ECDIS is disconnected from the RADRA.

67. What should you remember to set up first when planning a route? (C)
a. The setting for the Voyage Log.
b. The Alarm Level in the Operation submenu.
c. The safety Contour in the route planning tool.
d. The Radar overlay.

68. Where can you enter information notes on Pilot data (VHF channels etc.) to be used duri ng monitoring in
the FURUNO ECDIS? (D)

a. In the Voyage Log.
b. In the Pilot Data.
c. In the User Event function.
d. In the User Chart.

69. How do you start the route planning tool? (D)
a. I press Plan on the Control Unit.
b. I click on the Route icon in the Status bar.
c. I select Route Plan from the Menu dialogue.
d. I click on Route in the Quick Access bar.

70. How do you modify an existing Manual Update object? (D)
a. I use the ENC tab of the Chart maintenance function.
b. I use the Mainer tab of the Symbol Display function.
c. I cannot modify a Manual Update – only delete it.
d. I use the List tab of manual Update tool function.

71. Where do you find information on the presentation library used in the FURUNO ECDIS? (D)
a. In the Basic Setting of the Menu.
b. In the Record function of the Quick Access bar.
c. In the System dialogue of the Menu
d. In the About dialogue

72-1. How can you verify which route is being monitored? (B)
a. The name of the route will be displayed on my own ship vector.
b. The name of the route will be displayed in the Route Information box.
c. By right clicking on own ship icon.
d. I cannot get information on the route which is being monitored.

72-2. How can you verify which route is being monitored? (C)
a. By clicking on “Route” and then on “Route Info” in the Quick Access Sidebar in Plan mode.
b. The name of the route will be displayed in the Status Bar.
c. By clicking on “Route” and then on “Route Info” in the Quick Access Sidebar in Navi mode.
d. I cannot get information on the route which is being monitored.

73. How can you verify which User Chart is being monitored? (D)
a. The name of the User Chart will be displayed in the top right corner of the ECDIS scre en.
b. The name of the User Chart will be displayed in the information sidebar.
c. By clicking on “Route” and then on “Route Info” in the Quick Access Bar when in Plan mode
d. By clicking on “Route” and then on “Route Info” in the Quick Access Bar when in Navi mode

74. How can you tell if your FURUNO ECDIS is displaying an ENC? (D)
a. There is an “ENC Data available” indication in the Own Ship Function Box.
b. There is an “RNC Data” indication in the Own Ship Function Box.
c. The FURUNO ECDIS will give an audible alarm if I am not viewing an ENC.
d. There is no special indication in the Own Ship Function Box.

75. Where do you set up the chart watch sector to scan the ENCs for problems along own shi p’s heading line? (D)
a. In Chart Display settings
b. In Chart Alert settings
c. In Basic settings.
d. In Check Area settings.

76. Which Manual Update objects can be hiden from view by operator selection? (B)
a. Only the Manual Updates Special Areas (from the Chart Display dialogue)
b. All Manual Updates objects (from the Chart Display dialogue)
c. Only the Manual Updates Buoys (from the Chart Display dialogue)

d. Only the Manual Updates Soundings (from the Chart Display dialogue)
77. Where can you change the setting of the Safety Contour which is used during planning o f a route? (D)
a. Nowhere – because I must never change the setting for the Safety Contour.
b. In the Settings menu and I can only change the setting if I have the service password
c. In chart alert
d. In the route planning tool
78. Where do you offset own ship chart position on the FURUNO ECDIS? (D)
a. In symbol display
b. In chart display
c. In chart menu
d. In own ship function box
79. Where do you control the Safety Contour displayed on the charts on FURUNO ECDIS? (A)
a. In Chart Alert
b. In the route planning tool – on the Alerts tab
c. In Chart Display
d. No where – it is set up automatically
80. Where do you find information on magnetic Variation in the ENCs on the FURUNO ECDIS? (D)
a. In Chart Display
b. In Chart Catalogue
c. In Chart Alert
d. In Chart Legend
81. Can you edit a route without removing it from the route monitoring function? (A)
a. No
b. Yes but I must copy it to another ECDIS where it can be edited without interfering wit h the monitoring function of the FURUNO ECDIS.
c. Yes if I create a copy of the route plan in ANTS format on a USB and edit the file on a normal office PC
d. Yes if I select copy from monitor in the Route plan menu and edit the copy. When cop ying is completed I select-Exchange with monitor in the Route Plan Menu
82. What is the name of category of charts generated by the user to draw up contingency ar eas –No Go areas
– clearing lines etc.? (C)
a. Private Chart
b. Pilot Data
c. User Chart
d. Non HO Chart
83. Where can you display your planned or monitored User Charts on the FURUNO ECDIS? (B)
a. Only on official charts
b. On all charts
c. Only on vector charts
d. Only on raster charts
84. How do you select which User Chart to monitor? (A)
a. By linking it to the monitored Route Plan in the route planning tool.
b. By clicking Display – User Chart in the Quick Access Bar.
c. By right clicking on the chart area.
d. By left clicking on the chart area.
85. How do you get information on an ENC object (Buoy-Beacon-Berth etc.) on the FURUNO ECDIS? (C)
a. I right click on the User Chart function in the route planning tool.
b. I click on the Chart Info in the Instant Access Bar.
c. I center click on the object.

d. I right click on the object.
86. How can you reset the trip counter? (B)
a. I can reset the Trip Counter by resetting the Voyage Log in the Reset submenu of the Record menu.
b. I can reset the Trip Counter by resetting the Voyage tab of the Menu.
c. I cannot reset the Trip Counter.
d. The Trip Counter can be reset by deleting it using the Backup and Restore dialogue.
87. What is a Point in the User Chart? (B)
a. A point is used to create a Manual Update from a chart object.
b. A point is used to denote/highlight the position of a chart object with the User Chart.
c. A point is the end of a User Chart.
d. A point is used to connect the User Chart with a route plan.
88. Where do you switch between Multicolor and Two Color setting for the charts? (C)
a. In Chart Legend.
b. In Symbol Display.
c. In Basic Setting
d. In Chart Display
89. How do you change the User Chart being used for monitoring? (A)
a. I move the monitored route plan to planning mode and edit the Linked User Chart set ting.
b. I select a different user chart from the Menu to monitor.
c. I select User Chart from the planning sidebar and then I select Monitor for the desired user chart.
d. I left click on User Chart in the Status Bar and then I select Plan.
90. How do you enter information notes in the User Chart? (A)
a. I select Note as an option for the Area Line or Circle where the information should be displayed.
b. I select Note as an option for the Tidal Label or Clearing Line where the information s hould be displayed.
c. I select User Chart from the Main menu and then I select Plan and enter the note to b e displayed.
d. I left click on Route in the Quick Access Bar and then I select Monitor
91. What is the recommended loading sequence when you receive new charts-updates and permits? (D)
a. There is no recommended sequence.
b. #1:Base CDs#2: Update CD #3: Permit
c. #1: Permit #2: Update CD #3: Base CDs
d. #1: Permit #2: Base CDs #3: Update CD
92. Can you edit the User Chart when the ECDIS is in Navi mode? (D)
a. Yes
b. Only if the User Chart is not linked to a route plan.
c. Yes if the User Chart contains no tidal information.
d. No.
93. When the software of the FURUNO ECDIS is being updated – it is important that? (A)
a. The software is updated by a FURUNO Service Engineer.
b. The software is updated by the Captain.
c. The software is updated by the Ship’s Electrical Engineer
d. The software is updated by an IMO representative.

[□□] Furuno Ecdis Fmd 3300 cbt|□□□ □□