|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  |  | 2.1.1 | Setup | ed | **Typo in setup - Miss instruction to select all text groups, accuracy and highlight info**  The setup instruction miss selection of some setting which are not anymore part of "Other" in the new edition of the preslib  This Setup is used as a base on many other test which also require correct selection of some settings which are not anymore part of "Other" in the new edition of the PresLib. Therefore this is the best place to have them all once. | | Add into Setup:  Select all Text groups  Select Accuracy  Select Highlight info  Select Highlight date dependent  Deselect Shallow water dangers |  |
|  |  | 2.1.1 | Result | ed | **Typo in results: Scale should be 1:52 000**  Compilation scale of the test chart is 1:52 000 and it should be used in the test to get correct display | | Replace  After loading of GB4X0000.000, displayed scale 1:50 000  By  After loading of GB4X0000.000, displayed scale 1:52 000 |  |
|  |  | 2.1.1 | Results | ed | **Mistakes in plots for omnidirectional lights**  Both pictures have mistakes for omnidirectional lights visible for 10 NM or over. They should be drawn as circles instead of flares. | | Replace the pictures by using the attached png-files  2.1.1 picture 1 - alternative NATSUR full names.PNG    2.1.1 picture 1 - alternative NATSUR with abbreviations.PNG |  |
|  |  | 2.1.2 | Action | ed | **Typos in cell names - Extra characters**  Cell names have extra character, indicated by red colour below:  GB5X001SW.000  GB5X002SE.000 | | Fix cell names as below:  GB5X01SW.000  GB5X02SE.000 |  |
|  |  | 2.1.3 | Results | ed | **Typo in results - Copy&paste not adjusted for this test**  Following description is wrong. It seems that this is done by copy&paste from 2.1.4 accidentally. Error is indicated by red colour  The information in the chart library shall reflect the cell removed and the chart coverage shall have changed accordingly. | | Replace  The information in the chart library shall reflect the cell removed and the chart coverage shall have changed accordingly  By:  The information in the chart library shall reflect the cell loaded and the chart coverage shall have changed accordingly |  |
|  |  | 2.2.2 | Setup | ed | **Typo in setup: Test is dependent of setting of test 2.1.1 and miss some additional setting**  Setup for test 2.1.1 is Select viewing group layer Other. As already noted for that test in this document the new edition of PreslLb require separate selection of some items.  This test is dependent of the change proposed for 2.1.1 | | None - as the change is already proposed for 2.1.1 |  |
|  |  | 2.2.2 | Result | ed | **Mistakes in plots for omnidirectional lights**  All pictures have mistakes for omnidirectional lights visible for 10 NM or over. They should be drawn as circles instead of flares. | | Replace the pictures by using the attached png-files  2.2.2 picture 1.PNG    2.2.2 picture 2.PNG    2.2.2 picture 3.PNG    2.2.2 picture 4.PNG    2.2.2 picture 5.PNG    2.2.2 picture 6.PNG |  |
|  |  | 2.2.3 | Setup | ed | **Typo in setup: Test cell including updates is already installed based on referenced previous test**  Modify instruction of loading to have a fresh new start for loading and updating sequence. | | Replace  As result of test 2.2.2  Load the following cell:  2.1.1 Power Up\ENC\_ROOT\GB5X01SW.000  By  Load the following cell:  2.1.1 Power Up\ENC\_ROOT\GB5X01SW.000 |  |
|  |  | 2.2.4 | Setup | ed | **Typo in setup: Test is dependent of setting of test 2.1.1 and miss some additional setting**  Setup for test 2.1.1 is Select viewing group layer Other. As already noted for that test in this document the new edition of PreslLb require separate selection of some items.  This test is dependent of the change proposed for 2.1.1 | | None - as the change is already proposed for 2.1.1 |  |
|  |  | 2.2.4 | Setup | ed | **Typo in setup: Test cell is already installed based on referenced previous test**  Modify instruction of loading to be a note about setup condition based on previous test | | Replace  As result of test 2.2.3  Load the following cell:  2.1.1 Power Up\ENC\_ROOT\GB5X01SW.000 (edition 1)  By  As result of test 2.2.3  Note: Following cell is already loaded:  2.1.1 Power Up\ENC\_ROOT\GB5X01SW.000 (edition 1) |  |
|  |  | 2.2.4 | Results | ed | **Mistakes in plots for omnidirectional lights**  Both pictures have mistakes for omnidirectional lights visible for 10 NM or over. They should be drawn as circles instead of flares. | | Replace the pictures by using the attached png-files  2.2.4 picture 1.PNG    2.2.4 picture 2.PNG |  |
|  |  | 2.2.4 | Results | ed | **2nd plot cause confusion as test material is not perfect for the purpose**  Some tests including this test related to updates include plot(s) showing highlight symbols used for update review (2.2.2, 2.2.4, 2.2.6, 2.2.8 and 2.3).  But other tests related to updates do not include plot(s) showing highlight symbols used for update review (2.2.3, 2.2.5 and 2.2.7).  The update for this test GB5X01SW ed2 upd1 is very problematic as indicated by the associated "readme.txt"  *Because of the way that UKHO's ENC production software works, the update also deletes and re-creates a bundle of 273 soundings as well as the 10m contour, the 5-10m depth area, the 10-20m depth area, a harbour area and a meta navigational system of marks*  The above cause very crowded highlight of update review if all deletion/re-creations are also highlighted. Such a crowded display does not serve end user to see what has been updated.  The current picture included in S-64 has much less highlight of update review. Obviously the plot is from a system which has analysed the content of the update and removed unwanted deletions/re-creations from the highlight.  However the analyse/optimization process is not described in the S-52. Therefore the S-64 test for compliance should not require such a process. On the other hand making such optimization illegal by having a plot containing all deletions/re-creations in the S-64 does not serve end-user.  Our conclusion is that in this case the best way forward is to show after the update a neutral plot without highlight for update review.  As background material below is two examples of highlighted update review | | Replace the picture by using the attached png-file  2.2.4 picture 2.PNG  C:\msdokut\STANDARDIT\IHO\S64\Work 2015\S-64 findings by FFOY Aug2015\New picture originals\2.2.4 picture 2.PNG |  |
| C:\Users\hanpei\Documents\2.2.4 picture2 - result.png  C:\msdokut\STANDARDIT\IHO\S64\Work 2015\S-64 original pictures as PGN\2.2.4 picture 2.PNG | All highlighted  Only real changes highlighted |
|  |  | 2.2.6 | Setup | ed | **Typo in setup: Test is dependent of setting of test 2.1.1 and miss some additional setting**  Setup for test 2.1.1 is Select viewing group layer Other. As already noted for that test in this document the new edition of PreslLb require separate selection of some items.  This test is dependent of the change proposed for 2.1.1 | | None - as the change is already proposed for 2.1.1 |  |
|  |  | 2.2.6 | Setup | ed | **Typo in Setup: Miss some cells to be loaded**  The screen samples are result of loading all cells from  2.1.1 Power Up\ENC\_ROOT  But the referenced instructions in test 2.1.1 include only GB4X0000.000 and GB5X01NW.000. | | Replace  As result of test 2.1.1  Load the following cell:  2.1.1 Power Up\ENC\_ROOT\GB5X01SW.000 (edition 1)  By  As result of test 2.1.1  Load the following cells:  2.1.1 Power Up\ENC\_ROOT\GB5X01SW.000 (edition 1)  2.1.1 Power Up\ENC\_ROOT\GB5X01SE.000  2.1.1 Power Up\ENC\_ROOT\GB5X01NE.000 |  |
|  |  | 2.2.6 | Result | ed | **Mistakes in plots for omnidirectional lights**  Both pictures have mistakes for omnidirectional lights visible for 10 NM or over. They should be drawn as circles instead of flares. | | Replace the pictures by using the attached png-files  2.2.6 picture 1.PNG    2.2.6 picture 2.PNG    2.2.6 picture 3.PNG |  |
|  |  | 2.2.8 | Setup | ed | **Typo in setup: Test is dependent of setting of test 2.1.1 and miss some additional setting**  Setup for test 2.1.1 is Select viewing group layer Other. As already noted for that test in this document the new edition of PreslLb require separate selection of some items.  This test is dependent of the change proposed for 2.1.1 | | None - as the change is already proposed for 2.1.1 |  |
|  |  | 2.2.8 | Setup | ed | **Typo in Setup: Miss some cells to be loaded**  The screen samples are result of loading all cells from  2.1.1 Power Up\ENC\_ROOT  But the referenced instructions in test 2.1.1 include only GB4X0000.000 and GB5X01NW.000. | | Replace  As result of test 2.1.1  Load the following cell:  2.1.1 Power Up\ENC\_ROOT\GB5X01SW.000 (edition 1)  By  As result of test 2.1.1  Load the following cells:  2.1.1 Power Up\ENC\_ROOT\GB5X01SW.000 (edition 1)  2.1.1 Power Up\ENC\_ROOT\GB5X01SE.000  2.1.1 Power Up\ENC\_ROOT\GB5X01NE.000 |  |
|  |  | 2.2.8 | Result | ed | **Mistakes in plots for omnidirectional lights**  Both pictures have mistakes for omnidirectional lights visible for 10 NM or over. They should be drawn as circles instead of flares. | | Replace the pictures by using the attached png-files  2.2.8 picture 1.PNG    2.2.8 picture 2.PNG |  |
|  |  | 2.2.8 | Results | ed | **Error in 3rd picture - different viewing groups than in 1st and 2nd picture and mistake for omnidirectional light**  3rd picture seems to have Shallow water dangers selected while 1st and 2nd have them deselected. | | Replace the picture by using the attached png-file  2.2.8 picture 3.PNG |  |
|  |  | 2.3 | Setup | ed | **Typo in setup: Test assumes without saying it in writing that display selectors are as for test 2.1.1**  This test cannot reference whole Setup of 2.1.1 as the chart cell selection is different. Therefore this test requires own full list of Setup instructions. | | Replace  Load the following cell:  2.1.1 Power Up\ENC\_ROOT\GB5X01SW.000  By  Load the following cell:  2.1.1 Power Up\ENC\_ROOT\GB5X01SW.000  Select Viewing group layer Standard  Set the safety contour value to 8 m  Set the safety depth value to 8 m  Select Symbolized Boundaries  Select Paper chart symbols  Select Highlight date dependent  Select Spot soundings |  |
|  |  | 2.3 | Action | ed | **Typo in action - Some instructions include topmark while others miss it**  The object model of S-57 have separate body of buoy and topmark of buoy. Instructions in action should take care both the body and topmark of buoy. This is correct for step 4. j. but not correct for steps 1. c. and 1. c. | | Change as below:  1. b. Insert East Cardinal buoys including topmarks …  1. c. Insert West Cardinal buoy including topmark … |  |
|  |  | 2.3 | Action | ed | **Typo in date - Extra character**  There is a typo in date string, indicated by red colour below. The typo is repeated 4 times in steps: 2, 3, 5 and 6.  201150220 | | Fix all 4 places of type as below  20150220 |  |
|  |  | 2.3 | Result | ed | **Mistakes in plots for omnidirectional lights**  All pictures have mistakes for omnidirectional lights visible for 10 NM or over. They should be drawn as circles instead of flares. | | Replace the pictures by using the attached png-files  2.3 picture 1.PNG    2.3 picture 2.PNG    2.3 picture 3.PNG    2.3 picture 4.PNG    2.3 picture 5.PNG |  |
|  |  | 2.3 | Results | ed | **Mistakes in 6th plot**  Manual update review highlight is correctly for items h-j. However the manual updates (items a, b, c and f) not subject to review highlight miss the standard manual update symbol  Additional mistake for omnidirectional light | | Replace the picture by using the attached png-file  2.3 picture 6.PNG |  |
|  |  | 2.3 | Results | ed | **Numbering of results fail to follow numbering of actions**  It is looking like that numbering of pictures in results is trying to follow numbering of actions, but there are mistakes. | | Change numbering of results from  2, 3, 4, 5, 6, 7, 8 and 9  To  2, 3, 5, 6, 7.a-g, 7.h-j, 8 and 9 |  |
|  |  | 2.5.2 c) | Results | ed | **Typo in checksum - Wrong value**  There is a typo for both values of checksum  714AB61CA474BF64 to 714AB61CA474CF64 | | Change as below  760CD6BA8AAEF1A0 to 760CD6BA8AAEE1A0 |  |
|  |  | 2.5.2 e) | Action | te | **Fuzzy action to set date**  The instruction "Set the computer Date/Time in advance of 1st Jan 2013" is very fuzzy. Does it mean the exact day 1st Jan 2013 or any day before 1st Jan 2013.  The result is correct when set exactly as 1st Jan 2013. | | Replace  Set the computer Date/Time in advance of 1st Jan 2013  By  Set the computer Date/Time to 1st Jan 2013 |  |
|  |  | 2.5.4 a) | Results | ed | **Typo in results - Additional text in bold cause confusion**  The content of SSE 26 is different than the requirement in S-63 Ed 1.2 | | Replace  1) The appropriate warning must be displayed “**SSE 26 - This ENC is not authenticated by the IHO acting as the Scheme Administrator”. The certificate or public key file must be installed and a message displayed informing the user that the file has been installed successfully.”**  By  1) The appropriate warning must be displayed “**SSE 26 - This ENC is not authenticated by the IHO acting as the Scheme Administrator**“ |  |
|  |  | 2.5.4 f) | Results | ed | **Typo in results - Additional text in bold cause confusion**  The content of SSE 26 is different than the requirement in S-63 Ed 1.2 | | Replace  **Data Server 2** is using a non SA Certificate. The certificate should install but with the appropriate SSE 26 warning displayed. The exchange set should authenticate and import without error but a further SSE 26 warning (“**SSE 26 - This ENC is not authenticated by the IHO acting as the Scheme Administrator”. The certificate or public key file must be installed and a message displayed informing the user that the file has been installed successfully.”** should be displayed prior to import (See Test 2.5.4a).  By  **Data Server 2** is using a non SA Certificate. The certificate should install but with the appropriate SSE 26 warning displayed. The exchange set should authenticate and import without error but a further SSE 26 warning (“**SSE 26 - This ENC is not authenticated by the IHO acting as the Scheme Administrator**“) should be displayed prior to import (See Test 2.5.4a). |  |
|  |  | 2.5.5 c) | Setup | ed | **Typo in setup - One alternative is missing**  S-63 standard have two alternative public keys. Setup miss one alternative | | Replace  1) IHO.CRT  By  1) IHO.CRT / IHO.PUB |  |
|  |  | 2.5.5 c) | Action | ed | **Typo in action - One alternative is missing**  S-63 standard have two alternative public keys. Setup miss one alternative | | Replace  Install the IHO.CRT file,  By  Install the IHO.CRT and/or IHO.PUB file, |  |
|  |  | 2.5.6 a) | Action | te | **Fuzzy action to set date**  The instruction "The computer clock must be in advance of 31st Dec 2012" is very fuzzy. What is this "advance of" ? The result is correct when set exactly as 1st Jan 2013. | | Replace  The computer clock must be in advance of 31st Dec 2012  By  Set the computer Date/Time to 1st Jan 2013 |  |
|  |  | 2.5.6 d) | Result | ed | **Typo in results - one detail is not true**  The result contain following which is not true for this test: "GB40162C (edition # 1 update # 1) should not be installed (with “SSE 21”)."  The SSE 21 is for the case when there is a permit but the permit is not acceptable for the chart (for example the permit is for another system). In this test the permit exist and it is valid for the system under test. Therefore chart GB40162C should install without any notices. | | Replace  GB40162C (edition # 1 update # 1) should not be installed (with “SSE 21”).  By  GB40162C (edition # 1 update # 1) should be installed (without error or warning). |  |
|  |  | 2.5.6.e) | Test material | te | **Error in test material - signature does not pass authentication**  Chart FRTEST2 has error in signature-file which causes authentication failure when loading the chart. | | Fix the test material |  |
|  |  | 2.5.6 e) | Setup | ed | **Typo in setup - one alternative is missing**  S-63 standard have two alternative public keys. Setup miss one alternative | | Replace  1) IHO.CRT (Pre-installed)  By  1) IHO.CRT / IHO.PUB (Pre-installed) |  |
|  |  | 2.5.7 a) | Setup | ed | **Typo in setup - one alternative is missing**  S-63 standard have two alternative public keys. Setup miss one alternative | | Replace  4) IHO.CRT (Pre-installed)  By  4) IHO.CRT / IHO.PUB (Pre-installed) |  |
|  |  | 2.5.7 c) | Test material | te | **Something wrong in results - Steps number 4 and 5 impossible to achieve**  Results number 4 and 5 are impossible to achieve. Most probable "7 ENC Data Management\Test 7c\DS2\PERMIT.TXT" includes wrong data server names.  The test is about multiple data provider environment.  DS1 is correct: permits from GB, data from GB  DS2 has mismatch: permits from GB, data from PM  Therefore the available permits are not from different producers. | | Fix the test material  In file DS2/PERMIT.TXT, change Data Server field of each permit from "GB" to "PM" |  |
|  |  | 2.5.7 g) | Results | ed | **Typo in results - Table of results miss 2 cases**  In "2.5.7g [UPDATE WK37\_07]" two cells GB40186D and GB40202A are is not updated, because of incompatible base data or non-sequential update. This should be required result, but the Results does not mention about this. | | For cell GB40186D add  Cell not updated due to non-sequential update  For cell GB40202A add  Cell not updated due to incompatible BASE 2 |  |
|  |  | 2.5.7 h) | Results | ed | **Typo in results - day/month reversed**  The issue date of SERIAL.ENC is  GBWK05-09 2009**0209**UPDATE 02.00U01X01  This is 9th Feb instead of 2nd Sep.  As a consequence the second date for test should also be moved more close to 9th Feb 2009 | | Replace  It should use the issue date of the exchange set as the reference date and should display its reference date as 2nd September 2009 (the SERIAL .ENC date of the last update loaded). The cells should show in the report as “up to date”. Then reset the system time to a 1st April 2010 – rerun the report, all the cells should show as “out of date”  By  It should use the issue date of the exchange set as the reference date and should display its reference date as 9th February 2009 (the SERIAL .ENC date of the last update loaded). The cells should show in the report as “up to date”. Then reset the system time to a 1st April 2009 – rerun the report, all the cells should show as “out of date” |  |
|  |  | 2.5.8 d) | Results | ed | **Typo in results - One of the cells not listed**  One cell (GB100001) is missing from the list of cells in last of results | | Replace  After installation of 8d [U1] final update:  GB100002 (edition # 13 update # 9)  GB100004 (edition # 8 update # 10)  GB281600 (edition # 1 update # 2)  GB281800 (edition # 1 update # 1)  GB301660 (edition # 5 update # 1)  GB40162A (edition # 9 update # 6)  GB61021B (edition # 1 update # 2)  By  GB100001 (edition # 3 update # 7)  GB100002 (edition # 13 update # 9)  GB100004 (edition # 8 update # 10)  GB281600 (edition # 1 update # 2)  GB281800 (edition # 1 update # 1)  GB301660 (edition # 5 update # 1)  GB40162A (edition # 9 update # 6)  GB61021B (edition # 1 update # 2) |  |
|  |  | 3.1.2 | Result | ed | **Mistakes in 1st plot**  The 1st picture have mistakes. Boundary line for Navsys, centred symbol for fish farm and for sand waves. | | Replace the 1st picture by using the attached png-file  3.1.2 picture 1.PNG  C:\msdokut\STANDARDIT\IHO\S64\Work 2015\S-64 findings by FFOY Aug2015\New picture originals\3.1.2 picture 1.PNG |  |
|  |  | 3.1.2 | Result | ed | **Mistakes in 2nd plot**  The 2nd picture have mistakes. Boundary line for Navsys, centred symbol for fish farm and for sand waves. | | Replace the 2nd picture by using the attached png-file  3.1.2 picture 2.PNG  C:\msdokut\STANDARDIT\IHO\S64\Work 2015\S-64 findings by FFOY Aug2015\New picture originals\3.1.2 picture 2.PNG |  |
|  |  | 3.1.2 | Result | ed | **Confusion about correct text position for RECTRC**  For area geometry RECTRC object has text in offset: vertically centred but 4 char position to right. This together with small displayed areas cause that the text for an RECTRC is in the screen sample above the next RECTRC area to the right. See picture below.   * Red box show RECTRC line and his text * Yellow box show RECTRC line and his text * Orange box show RECTRC area and his text * Green box show RECTRC area and his text     Obviously it would be better for the text to be more close to the associated object. This would require that the S-52 should be modified to allow manufacturers own algorithm to improve the position the text.  Possible result could like examples below: | | Replace the 2nd picture by using the attached png-file  3.1.2 picture 2.PNG  (In this picture the char offset to right is more exactly 4 chars right from centre of RECTRC areas than in the original) |  |
|  |  | 3.1.3 | Setup | ed | **Typo in setup - Miss instruction to set scale min off**  Some of the objects in the test cell have scale minimum set as 1:45 000. To make them visible one shall set scale min off. | | Add into Setup  Set scale min off |  |
|  |  | 3.1.3 | Result | ed | **Mistakes in 1st plot**  The 1st picture has a mistake. Airport area miss symbol. | | Replace the 1st picture by using the attached png-file  3.1.3 picture 1.PNG  C:\msdokut\STANDARDIT\IHO\S64\Work 2015\S-64 findings by FFOY Aug2015\New picture originals\3.1.3 picture 1.PNG |  |
|  |  | 3.1.4 | Setup | ed | **Typo in setup - Instruction should be paper chart instead of simplified point symbols**  The pictures are made with Paper chart symbols while the setup instruction is for Simplified symbols | | Replace  Select Simplified Point Symbols  By  Select Paper chart symbols |  |
|  |  | 3.1.4 | Result | ed | **Mistakes in 2nd plot**  The 2nd picture have a mistake. Boundary line for Navsys. | | Replace the 2nd picture by using the attached png-file  3.1.4 picture 2.PNG  C:\msdokut\STANDARDIT\IHO\S64\Work 2015\S-64 findings by FFOY Aug2015\New picture originals\3.1.4 picture 2.PNG |  |
|  |  | 3.1.4 | Result | ed | **Mistakes in 8th plot**  The 8th picture has two mistakes. Centred symbol miss for fish farm and for sand waves. | | Replace the 8th picture by using the attached png-file  3.1.4 picture 8.PNG  C:\msdokut\STANDARDIT\IHO\S64\Work 2015\S-64 findings by FFOY Aug2015\New picture originals\3.1.4 picture 8.PNG |  |
|  |  | 3.1.5 | Setup | ed | **Typo in setup - Miss instruction to set scale min off and to select paper chart symbols**  The setup instruction miss to setting in order to create equal display compared to the pictures provided. Note that some of the objects in the test cell have scale minimum set as 1:45 000. | | Add into Setup  Set scale min off  Select Paper Chart Symbols |  |
|  |  | 3.1.5 | Action | ed | **Typo in action - Miss instruction to select base, standard or other**  This test is for text and it uses 3 different chart cells. With chart AA5DBASE the selection should be Display base.  With chart AA5STNDR the selection should be Standard display.  With chart AA5OTHER the selection should be Other display. | | Add into Action (for tests with chart AA5DBASE)  Select Display base  Add into Action (for tests with chart AA5STNDR)  Select Standard display  Add into Action (for tests with chart AA5OTHER)  Select Other display |  |
|  |  | 3.1.5 | Result | ed | **Mistakes in 8th plot**  The 8th picture has a mistake. Airport area miss symbol. | | Replace the 8th picture by using the attached png-file  3.1.5 picture 8.PNG  C:\msdokut\STANDARDIT\IHO\S64\Work 2015\S-64 findings by FFOY Aug2015\New picture originals\3.1.5 picture 8.PNG |  |
|  |  | 3.1.6 | Results | ed | **Mistakes in 2nd plot**  The 2nd picture has mistakes. Boundary line for Navsys, centred symbol for fish farm and for sand waves | | Replace the 2nd picture by using the attached png-file  3.1.6 picture 2.PNG  C:\msdokut\STANDARDIT\IHO\S64\Work 2015\S-64 findings by FFOY Aug2015\New picture originals\3.1.6 picture 2.PNG |  |
|  |  | 3.1.6 | Results | ed | **Mistakes in 3rd plot**  The 3rd picture has mistakes. Boundary line for Navsys, centred symbol for fish farm and for sand waves | | Replace the 2nd picture by using the attached png-file  3.1.6 picture 3.PNG  C:\msdokut\STANDARDIT\IHO\S64\Work 2015\S-64 findings by FFOY Aug2015\New picture originals\3.1.6 picture 3.PNG |  |
|  |  | 3.1.6 | Results | ed | **Mistakes in 4th plot**  The 4th picture has a mistake. Airport area miss symbol. | | Replace the 4th picture by using the attached png-file  3.1.6 picture 4.PNG  C:\msdokut\STANDARDIT\IHO\S64\Work 2015\S-64 findings by FFOY Aug2015\New picture originals\3.1.6 picture 4.PNG |  |
|  |  | 3.1.6 | Results | ed | **Mistakes in 5th plot**  The 5th picture has a mistake. Airport area miss symbol. | | Replace the 5th picture by using the attached png-file  3.1.6 picture 5.PNG  C:\msdokut\STANDARDIT\IHO\S64\Work 2015\S-64 findings by FFOY Aug2015\New picture originals\3.1.6 picture 5.PNG |  |
|  |  | 3.1.6 | Results | ed | **Mistakes in 6th plot**  The 6th picture has mistakes. Boundary line for Navsys, centred symbol for fish farm and for sand waves | | Replace the 6th picture by using the attached png-file  3.1.6 picture 6.PNG  C:\msdokut\STANDARDIT\IHO\S64\Work 2015\S-64 findings by FFOY Aug2015\New picture originals\3.1.6 picture 6.PNG |  |
|  |  | 3.1.6 | Results | ed | **Mistakes in 7th plot**  The 7th picture has mistakes. Tidal velocity arrows miss values as text and Airport area miss symbo. | | Replace the 7th picture by using the attached png-file  3.1.6 picture 7.PNG  C:\msdokut\STANDARDIT\IHO\S64\Work 2015\S-64 findings by FFOY Aug2015\New picture originals\3.1.6 picture 7.PNG |  |
|  |  | 3.2.1 b) | Setup | ed | **Typo in Setup: Miss background cell to be loaded**  The screen sample include also a cell from  2.1.1 Power Up\ENC\_ROOT\GB4X0000.000 | | Replace  Load the following cell 3.2 Invalid Object\Invalid Base\ENC\_ROOT\GB5X01NE.000  By  Load the following cells:  3.2 Invalid Object\Invalid Base\ENC\_ROOT\GB5X01NE.000  2.1.1 Power Up\ENC\_ROOT\GB4X0000.000 |  |
|  |  | 3.3.2 a) | Setup | ed | **Typo in setup - Miss instruction to select all text groups**  The setup instruction miss selection of text | | Add into Setup  Select all Text groups |  |
|  |  | 3.3.2 a) | Results | ed | **A mistake in 3rd plot**  The 3rd picture (last example) has a mistake. Fish symbols is missing from Marine/Farm | | Replace the 3rd picture by using the attached png-file  3.3.2a picture 3.PNG  C:\msdokut\STANDARDIT\IHO\S64\Work 2015\S-64 findings by FFOY Aug2015\New picture originals\3.3.2a picture 3.PNG |  |
|  |  | 3.3.2 b) | Setup | ed | **Typo in setup: Test is dependent of setting of test 3.3.2 a) and miss some additional setting**  Both 3.3.2 a) and 3.3.2 b) require selection of all Text groups.  This test is dependent of the change proposed for 3.3.2 b) | | None - as the change is already proposed for 3.3.2 a) |  |
|  |  | 3.3.2 b) | Results | ed | **A mistake in 3rd plot**  The 3rd picture (last example) has a mistake. Fish symbols is missing from Marine/Farm | | Replace the 3rd picture by using the attached png-file  3.3.2b picture 3.PNG  C:\msdokut\STANDARDIT\IHO\S64\Work 2015\S-64 findings by FFOY Aug2015\New picture originals\3.3.2b picture 3.PNG |  |
|  |  | 3.3.3.1 d) | Result | Ed | **Typo in results - Pictures for tests 3.3.3.1 d) and 3.3.3.2 d) are mixed**  Result of test 3.3.3.1 d) should use picture currently in 3.3.3.2 d) | | Exchange pictures of tests 3.3.3.1 d) and 3.3.3.2 d) |  |
|  |  | 3.3.3.2 d) | Result | Ed | **Typo in results - Pictures for tests 3.3.3.2 d) and 3.3.3.1 d) are mixed**  Result of test 3.3.3.2 d) should use picture currently in 3.3.3.1 d) | | Exchange pictures of tests 3.3.3.2 d) and 3.3.3.1 d) |  |
|  |  | 3.3.3.3 a) | Results | ed | **A mistake in plot**  Picture includes mistakes as the Date dependent highlights are missing | | Replace the picture by using the attached png-file  3.3.3.3a picture 1.PNG  C:\msdokut\STANDARDIT\IHO\S64\Work 2015\S-64 findings by FFOY Aug2015\New picture originals\3.3.3.3a picture 1.PNG |  |
|  |  | 3.3.3.3 b) | Results | ed | **A mistake in plot**  Picture includes mistakes as the Date dependent highlights are missing | | Replace the picture by using the attached png-file  3.3.3.3b picture 1.PNG  C:\msdokut\STANDARDIT\IHO\S64\Work 2015\S-64 findings by FFOY Aug2015\New picture originals\3.3.3.3b picture 1.PNG |  |
|  |  | 3.3.3.3 c) | Results | ed | **A mistake in plot**  Picture includes mistakes as the Date dependent highlights are missing | | Replace the picture by using the attached png-file  3.3.3.3c picture 1.PNG  C:\msdokut\STANDARDIT\IHO\S64\Work 2015\S-64 findings by FFOY Aug2015\New picture originals\3.3.3.3c picture 1.PNG |  |
|  |  | 3.3.3.3 d) | Results | ed | **A mistake in plot**  Picture includes mistakes as the Date dependent highlights are missing | | Replace the picture by using the attached png-file  3.3.3.3d picture 1.PNG  C:\msdokut\STANDARDIT\IHO\S64\Work 2015\S-64 findings by FFOY Aug2015\New picture originals\3.3.3.3d picture 1.PNG |  |
|  |  | 3.3.4 c) | Results | ed | **Two wreck symbols missing in plots**  Two Wreck symbols are missing from the pictures, see below as example 1st picture of 3.3.4 c) | | Replace the pictures by using the attached png-files  3.3.4c picture 1.PNG  3.3.4c picture 2.PNG  C:\msdokut\STANDARDIT\IHO\S64\Work 2015\S-64 findings by FFOY Aug2015\New picture originals\3.3.4c picture 1.PNG  C:\msdokut\STANDARDIT\IHO\S64\Work 2015\S-64 findings by FFOY Aug2015\New picture originals\3.3.4c picture 2.PNG |  |
|  |  | 3.3.4 d) | Results | ed | **Two wreck symbols missing in plots**  Same problem as for 3.3.4 c) | | Replace the pictures by using the attached png-files  3.3.4d picture 1.PNG  3.3.4d picture 2.PNG  C:\msdokut\STANDARDIT\IHO\S64\Work 2015\S-64 findings by FFOY Aug2015\New picture originals\3.3.4d picture 1.PNG  C:\msdokut\STANDARDIT\IHO\S64\Work 2015\S-64 findings by FFOY Aug2015\New picture originals\3.3.4d picture 2.PNG |  |
|  |  | 3.3.9 a) | Setup | ed | **Typo in setup - Miss instruction to select all text groups and to select Safety contour**  The setup instruction miss selection of text and selection of suitable safety contour value | | Add into Setup  Select all Text groups  Set the safety contour value to 8 m |  |
|  |  | 3.3.9 a) | Results | ed | **Value of decimal missing in plot**  One decimal is missing from light description text, see wrong version at left side and correct version at right side below: | | Replace the picture by using the attached png-file  3.3.9a picture 1.PNG  C:\msdokut\STANDARDIT\IHO\S64\Work 2015\S-64 findings by FFOY Aug2015\New picture originals\3.3.9a picture 1.PNG |  |
|  |  | 3.3.9 b) | Setup | ed | **Typo in setup - Miss instruction to select all text groups and to select Safety contour**  The setup instruction miss selection of text and selection of suitable safety contour value | | Add into Setup  Select all Text groups  Set the safety contour value to 8 m |  |
|  |  | 3.3.9 b) | Results | ed | **Mistakes in the plot - Value of decimal missing and three objects miss Highlight info**  One decimal is missing from light description text. Three object have both INFORM and PICREP/TXTDSC. | | Replace the picture by using the attached png-file  3.3.9b picture 1.PNG  C:\msdokut\STANDARDIT\IHO\S64\Work 2015\S-64 findings by FFOY Aug2015\New picture originals\3.3.9b picture 1.PNG |  |
|  |  | 3.3.9 c) | Setup | ed | **Typo in setup - Miss instruction to select all text groups and to select Safety contour**  The setup instruction miss selection of text and selection of suitable safety contour value | | Add into Setup  Select all Text groups  Set the safety contour value to 8 m |  |
|  |  | 3.3.9 c) | Results | ed | **Value of decimal missing and wrong text in plot**  One decimal is missing from light description text, see 3.3.9 b)  One text string has wrong content, see wrong version at left side and correct version at right side below: | | Replace the picture by using the attached png-file  3.3.9c picture 1.PNG  C:\msdokut\STANDARDIT\IHO\S64\Work 2015\S-64 findings by FFOY Aug2015\New picture originals\3.3.9c picture 1.PNG |  |
|  |  | 3.3.10 | Results | ed | **Typo in results - Pictures to be exchange between each other**  Instruction for the first picture is in "Setup" and it is "Deselect Scale min". Based on S-52 clauses 10.3.4.4 and 10.4.2 result of deselection is to turn on SCAMIN and the result is less displayed object than when instruction is "Select Scale min". | | Exchange the existing pictures so that the current first picture is second (and current second picture is last). Result should be like below  1. Confirm that the objects display as in the image below:    2. After selecting Scale min confirm that the objects display as in the image below: |  |
|  |  | 3.3.11 | Result | ed | **Mistakes in plots for omnidirectional lights**  Both pictures have mistakes for omnidirectional lights visible for 10 NM or over. They should be drawn as circles instead of flares. | | Replace the pictures by using the attached png-files  3.3.11 picture 1.PNG    3.3.11 picture 2.PNG |  |
|  |  | 3.3.12 | Setup | ed | **Typo in setup - Miss instruction to select all text groups and to select Highlight info**  The setup instruction miss selection of text and selection of highlight info | | Add into Setup  Select all Text groups  Select Highlight info |  |
|  |  | 3.6.1 | Test material | te | **Wrong checksum in Catalog.031**  Chart 2J5X0001.000 has wrong checksum in test data set. We have noted that this chart has relative new time stamp as 17th Apr 2015. Most probable the catalog.031 file contains checksum of the previous version of this chart cell | | Fix the test data set  Note that the chart dated 23.04.2014 was ok and can be used for testing |  |
|  |  | 3.6.3 | Setup | ed | **Typo in setup - Miss instruction to select all text groups and to select Highlight info**  The setup instruction miss selection of text | | Add into Setup  Select all Text groups |  |
|  |  | 3.6.5a) |  |  | **Two centred symbols with their text are missing**  Two centred symbols and two texts “Nr priority is 5” are missing in object 2, which has a berth, of which the centre part is masked by another object, but the ends are visible. The centred symbol and the text should be shown for both isolated parts. | | Replace the picture by using the attached png-file  3.6.5a picture 1.PNG  C:\msdokut\STANDARDIT\IHO\S64\Work 2015\S-64 findings by FFOY Aug2015\New picture originals\3.6.5a picture 1.PNG |  |
|  |  | 3.6.7 | Test material |  | **Something has happened for chart 2J5X0001 between drafting and final publishing**  Chart 2J5X0001 has two problems  First is the checksum error (see comment for 3.6.1) and second is that the current version miss the unknown objects, which are the topic of this test.  It might be so that unknown objects are removed based on S-58, but if so that is a wrong decision for this test. S-52 requires that unknown objects shall use specified presentation. Further it is always possible that for some reason: because of publisher or because of newer version of related standard and ENC chart may contain unknown objects from the ECDIS viewer point of view. | | Fix the test data set for chart 2J5X0001  Note that the chart dated Apr 2014 is ok and can be used for testing, but the Jul 2015 published version has all errors |  |
|  |  | 3.6.8.1 | Action | ed | **Typo in action - wrong scale**  The plot is from 1:2000 and not from 1:5000 | | Replace  View the objects at position 32°22.450’S 61°24.250’E scale 1:5000  By  View the objects at position 32°22.450’S 61°24.250’E scale 1:2000 |  |
|  |  | 3.6.8.2 | Action | ed | **Typo in action - wrong scale**  The plot is from 1:2000 and not from 1:5000 | | Replace  View the objects at position 32°22.450’S 61°23.800’E scale 1:5000  By  View the objects at position 32°22.450’S 61°23.800’E scale 1:2000 |  |
|  |  | 3.6.8.3 | Setup | ed | **Non existing display selector - Overscale indication**  S-52 contains viewing group numbered as 21030. This viewing group include overscale pattern, which is subject of this test, and chart scale boundaries.  The viewing group layer name to control these is "Chart scale boundaries" and this display selector is already selected in the previous test 3.6.8.2. | | Replace  As for test 3.6.8.2 and in addition:  Overscale indication = On  By  As for test 3.6.8.2 |  |
|  |  | 3.6.8.3 | Action | ed | **Typo in action - wrong position and scale**  Display of overscale pattern require that the visible screen contains a scale boundary between large and small scale chart and that the small scale chart is in overscale situation. In this test large scale is 2J5X0001 and small scale is 2J4X0001.  Second detail is that the plot is from 1:2000 and not from 1:5000. | | Replace  View the objects at position 32°22.450’S 61°23.800’E scale 1:5000  By  View the objects at position 32°22.600’S 61°23.800’E scale 1:2000 |  |
|  |  | 3.6.8.3 | Result | ed | **Plot need update for changed action**  The plot should be made so that the mandatory condition of the display containing both large and small scale chart is visible in the plot. | | Replace the picture in Results by using the attached png-file  3.6.8.3 picture 1.PNG  C:\msdokut\STANDARDIT\IHO\S64\Work 2015\S-64 findings by FFOY Aug2015\New picture originals\3.6.8.3 picture 1.PNG |  |
|  |  | 3.6.8.3 | Action | ed | **Typo in action - Error in latitude**  There is a small mistake in latitude indicated below by red colour:  32°22.450’S | | Replace  32°22.450’S  By  32°22.650’S |  |
|  |  | 3.6.9 | Setup | ed | **Typo in setup - Miss instruction to deselect shallow pattern**  The setup instruction miss deselection of shallow pattern | | Add into Setup  Deselect Shallow pattern |  |
|  |  | 3.6.10 a) | Setup | ed | **Typo in setup - Miss instruction to set safety contour**  The setup instruction miss setting of the safety contour | | Add into Setup  Set Safety contour = 10m |  |
|  |  | 3.6.10 b) | Setup | ed | **Typo in setup - Miss instruction to set safety contour**  The setup instruction miss setting of the safety contour | | Add into Setup  Set Safety contour = 10m |  |
|  |  | 3.6.10 c) | Setup | ed | **Typo in setup - Miss instruction to set safety contour**  The setup instruction miss setting of the safety contour | | Add into Setup  Set Safety contour = 10m |  |
|  |  | 3.6.10. c) | Action | ed | **Wrong scale for this test**  The test is for repositioning of centred symbols, if own ship would overlap the centre of the displayed area.  The current test ignores the rule in S-52 clause 8.5.2 which set condition for this special repositioning of centred symbols. The important condition is that display window lies completely within the area for which centred symbol are drawn. This condition do not exist when using scale 1:10 000. The condition exist for example when using scale 1:1 000. | | Replace  Centre the display on position 32°32.085’S 61° 21.415’E and then zoom in to a scale of 1:10,000.  By  Centre the display on position 32°32.085’S 61° 21.415’E and then zoom in to a scale of 1:1,000. |  |
|  |  | 3.6.10. c) | Results | ed | **Plot need update for changed action**  The plot should be using scale 1:1 000 instead of 1: 10 000. | | Replace the picture in Results by using the attached png-file  3.6.10c picture 1.PNG  C:\msdokut\STANDARDIT\IHO\S64\Work 2015\S-64 findings by FFOY Aug2015\New picture originals\3.6.10c picture 1.PNG |  |
|  |  | 3.6.10 d) | Setup | ed | **Typo in setup - Miss instruction to set safety contour**  The setup instruction miss setting of the safety contour | | Add into Setup  Set Safety contour = 10m |  |
|  |  | 3.6.10 e) | Setup | ed | **Typo in setup - Miss instruction to set safety contour**  The setup instruction miss setting of the safety contour | | Add into Setup  Set Safety contour = 10m |  |
|  |  | 3.6.10 e) | Results | ed | **Mistake in test description**  The rule to display a centred symbol is as long as the centre of the symbols remain within the area instead of as long as the full symbol remains within the area. | | Replace  Note: the display should show the centred symbol within the OBSTRN area. The display may be different from the example shown above as long as the centred symbol remains within the OBSTRN area  By  Note: the display should show the centred symbol within the OBSTRN area. The display may be different from the example shown above as long as the centre of the centred symbol remains within the OBSTRN area |  |
|  |  | 3.7.1 a) | Results | te | **Too short description of the result**  The instruction is to load cells from 2.1.1 Power Up\ENC\_ROOT. Result is multiple cells for which compilation scales 1:52 000, :1:45 000 and 1:25 000 are available. The result is specified in very short form "Confirm that an overscale indication is provided". We feel that a longer description is needed. | | Replace  Confirm that an overscale indication is provided.  By  Confirm that an overscale indication is provided. For example, if scale zoomed is 1:20 000 then areas based on compilation scale 1:25 000 shall indicate X1.3 and areas based on compilation scale 1:52 000 shall indicate X2.6. |  |
|  |  | 3.7.1 b) | Setup | ed | **Typo in setup - Miss instruction to select correct settings**  The setup instruction miss selections | | Add into Setup:  Select Other display  Select Other text  Select Accuracy  Select Highlight info  Select Symbolized boundaries  Set Safety contour = 7m  Set Safety depth = 7m |  |
|  |  | 3.7.2 | Action | ed | **Incomplete test instructions**  The indication of the larger scale available is based on a display in which own ship is displayed over an ENC which is not the largest scale chart available for the position of the own ship.  Second problem is that the name of the required indication is larger scale available instead of more detailed navigation purpose data is available. | | Replace  Confirm that an indication is provided that more detailed navigational purpose data is available  By  Position the displayed area over the own ship. Confirm that an indication is provided that larger scale is available. |  |
|  |  | 3.7.3 | Setup | ed | **Incomplete instruction in setup**  Current setup just selection of test charts without specifying viewing group selectors.  This proposed setup is proper for the updated picture in results. | | Add into Setup  Select Display base  Select Chart scale boundaries |  |
|  |  | 3.7.3 | Results | ed | **Confusing picture - show boundary of an administrative area instead of compilation scale**  The test is for compilation scale areas and the line between different compilation scales while the picture display boundary of an administrative area. | | Replace the picture by using the attached png-file  3.7.3 picture 1.PNG |  |
|  |  | 3.7.3 | Results | ed | **Incomplete title and instructions for added test of overscale indication**  Second sentence in results is:  *Also confirm that the overscale indication is provided for the area in which compilation scale is 1:52 000.*  The yellow colour of this required result indicate that it has been added in a hurry for this test which was originally only for boundary line between different compilation scales (S-52 clause 10.1.9.1). Obviously the yellow highlight should be removed, but the real problem is that there are no clear instructions how the overscale indication should look like and where it should be available. Further the title is silent about testing also the overscale indication. Finally the IHO reference should also include reference to the overscale indication (S-52 10.1.10.1) | | For title  Replace  3.7.3 Boundaries between compilation scales  By  3.7.3 Boundaries between compilation scales and overscale indication  For IHO reference  Add  S-52 10.1.10.1  For results  Replace  Also confirm that the overscale indication is provided for the area in which compilation scale is 1:52 000.  By  Also confirm that the overscale indication is provided for the area in which compilation scale is 1:52 000 by moving cursor over this area. The expected indication in orange colour is "X1.2". The expected indication should be available in the same display as the chart but it could be outside the chart area itself. . |  |
|  |  | 3.7.4 a) | Results | ed | **Confusing picture - based on different edition of test chart and different viewing group selection plus mistakes for omnidirectional lights**  This could be fixed by changing setup instruction for detailed selection and adding of the cell GB5X01SW (2nd edition).  Our opinion is that the better method is to keep original setup instructions and just replace picture based on the original setup.  C:\msdokut\STANDARDIT\IHO\S64\Work 2015\S-64 original pictures as PGN\3.7.4a picture 1.PNG | | Replace the picture by using the attached png-file  3.7.4a picture 1.PNG |  |
|  |  | 3.7.6 | Action | te | **Inaccurate test instruction - Alternative methods specified by IMO are missing**  This test is not based on IHO S-52 but on IMO MSC 232(82) clause 5.7:  *It should be possible to change the display scale by appropriate steps e.g. by means of either chart scale values or ranges in nautical miles* | | Replace  Change of display scale by chart scale values and by increments of displayed range values in nautical miles.  By  Change of display scale by chart scale values or by increments of displayed range values in nautical miles. |  |
|  |  | 3.8.2 | IHO reference | ed | **Typo in reference**  The rule not to allow tidal adjustment is in S-52 main document instead of the S-52 Part II | | Replace  S-52 Part II  By  S-52 Main document Ed 6.1.0, 1.2 (f) |  |
|  |  | 3.9 |  | te | **Wrong general instruction for how to execute tests**  There is an introduction for both test 3.9.1 and 3.9.2. This specify that both 3.9.1 and 3.9.2 are only valid for an ECDIS declared to be able to operate in Polar regions. This is not true as every ECDIS shall pass test 3.9.1 and only test 3.9.2 is limited for those being able to operate in polar areas | | Replace  The following tests are optional and should only be carried out on ECDIS claiming to be approved to function in Polar regions.  By  The test 3.9.1 is for all ECDIS. The test 3.92 is optional and should only be carried out on ECDIS claiming to be approved to function in Polar Regions. |  |
|  |  | 3.9.1 | Setup | ed | **Typo in setup - Miss instruction to select correct settings**  The setup instruction miss selections | | Add into Setup:  Select Accuracy  Select Contour labels |  |
|  |  | 3.9.1 | Results | ed | **Typo in results - Wrong projection named once**  In text for 3rd picture there is a typo | | Replace  Display is based on polar projection  By  Display is based on Mercator projection |  |
|  |  | 3.9.1 | Results | ed | **Typo in results - Wrong projection**  Test 3.9.1 is for all parts based on Mercator projection. The text below the 3rd and 4th pictures have wrong name of projection. | | For 3rd picture  Replace  Display is based on polar projection  By  Display is based on Mercator projection  For 4th picture  Replace  Display is based on polar projection  By  Display is based on Mercator projection |  |
|  |  | 3.9.1 | Test material |  | **Included test material is not the final version agreed for this test**  The test charts seems to be the ones before the IHO Dec 2013 workshop in Monaco where it was agreed that there is a need for added simple box shaped area objects to check what exactly happen with high latitudes. The correct ones were edited during the workshp | | Fix the test data set |  |
|  |  | 4.4 | Setup | ed | **Incomplete setup instructions**  Setup is "As for test 4.3". But test 4.3 select display mode as BASE, after which it is impossible to cursor pick objects like buoy, light, etc. This test requires display mode OTHER | | Replace  As for test 4.3  By  Load the cells from 2.1.1 Power Up\ENC\_ROOT  Select Viewing group layer Other |  |
|  |  | 4.4 a) | Result |  | **Confusing result - cannot test with provided test cell**  Description of the result e) is confusing as the test chart contain no examples of category "C" feature attributes | | Remove item e) from the results |  |
|  |  | 4.4 f) | Result | te | **Incomplete instructions in result**  Current instruction for step 2a leaves too much open. We recommend to use the example given in S-57 Ed 3.1. See also comment for test material of the 4.4. f) | | Replace  2a. The data must be displayed in a way that it can be easily read and is logically presented, for example by displaying the data as it might appear on a paper chart;  By  2a. The data must be displayed in a way that it can be easily read and is logically presented, in a format as follows: |  |
|  |  | 4.4. f) | Test material | te | **T\_VAHC attribute for TH\_PRH is an empty string**  This empty string prevent any meaningful testing. We recommend to fill the T\_VAHC with the example given in S-57 Ed 3.1 | | Fill T\_VAHC of TH\_PRH by  2,4,amplitude,phase,M2,S2,K1,O1,0.962,165,0.361,243,1.223,097,0.875,143 |  |
|  |  | 4.4. g) | Result | ed | **Mistakes in insignificant areas of plots**  There are mistakes for omnidirectional light | | Need new screen samples (Furuno Finland can provide for the meeting) |  |
|  |  | 4.4. h) | Result | ed | **Mistakes in insignificant areas of plots**  There are mistakes for omnidirectional light | | Need new screen samples (Furuno Finland can provide for the meeting) |  |
|  |  | 4.5 a) | Results | ed | **Incomplete test instructions in results**  5th and 6th plot has Highlight info and Shallow water dangers as selected | | Replace for 5th plot  Day with very noisy radar echoes and tracked targets. Display mode “Other”  By  Day with very noisy radar echoes and tracked targets. Display mode “Other”, Select Highlight info, Select Shallow water dangers.  Replace for 6th plot  Dusk with very noisy radar echoes and tracked targets. Display mode “Other”  By  Dusk with very noisy radar echoes and tracked targets. Display mode “Other”, Select Highlight info, Select Shallow water dangers. |  |
|  |  | 4.5 | Result | ed | **Mistakes in plots for omnidirectional lights**  All pictures have mistakes for omnidirectional lights visible for 10 NM or over. They should be drawn as circles instead of flares. | | Replace the pictures by using the attached png-files  4.5 picture 1.PNG    4.5 picture 2.PNG  Furuno Finland plan to submit for the meeting  4.5 picture 3.PNG    4.5 picture 4.PNG  Furuno Finland plan to submit for the meeting  4.5 picture 5.PNG    4.5 picture 6.PNG  Furuno Finland plan to submit for the meeting |  |
|  |  | 4.6.1 | Results | ed | **Confusing terminology - "Forward Bearing" and "Reverse Bearing"**  The test introduces terms "Forward Bearing" and "Reverse Bearing". This causes confusion as IMO use only "Bearing". Use of terms "Forward Bearing" and "Reverse Bearing" cause easily that a type approval inspector is requesting the ECDIS to display values of both "Forward Bearing" and "Reverse Bearing".  An improved version would make it clear that there is only "Bearing" | | For 4.6.1 a)  Replace  Forward Bearing 295.614 degrees  Reverse Bearing 115.785 degrees  By  Bearing from Viking 49/27-B to Corund Cape Light is 295.614 degrees  Bearing from Corund Cape Light to Viking 49/27-B is 115.785 degrees  For 4.6.1 b)  Replace  Forward Bearing 306.172 degrees  Reverse Bearing 126.344 degrees  By  Bearing from Viking 49/27-B to Castlerigg Light is 306.172 degrees  Bearing from Castlerigg Light to Viking 49/27-B is 126.344 degrees  For 4.6.1 c)  Replace  Forward Bearing 218.665 degrees  Reverse Bearing 38.703 degrees  By  Bearing from Corund Cape Light to Worm Head Light is 218.665 degrees  Bearing from Worm Head Light to Corund Cape Light is 38.703 degrees |  |
|  |  | 4.6.2 | Action | ed | **Confusing terminology - "Forward Bearing" and "Reverse Bearing"**  See 4.6.1 | | For 4.6.2 a)  Replace  Forward Bearing 295.614 degrees  By  Bearing 295.614 degrees  For 4.6.2 b)  Replace  Forward Bearing 306.172 degrees  By  Bearing 218.665 degrees  For 4.6.2 c)  Replace  Forward Bearing 306.172 degrees  By  Bearing 218.665 degrees |  |
|  |  | 4.6.3 | Results | ed | **Confusing terminology - "Forward Bearing" and "Reverse Bearing"**  See 4.6.1 | | For 4.6.3 a)  Replace  Forward Bearing 295.699 degrees  Reverse Bearing 115.699 degrees  By  Bearing from Viking 49/27-B to Corund Cape Light is 295.699 degrees  Bearing from Corund Cape Light to Viking 49/27-B is 115.699 degrees  For 4.6.3 b)  Replace  Forward Bearing 306.258 degrees  Reverse Bearing 126.258 degrees  By  Bearing from Viking 49/27-B to Castlerigg Light is 306.258 degrees  Bearing from Castlerigg Light to Viking 49/27-B is 126.258 degrees  For 4.6.3 c)  Replace  Forward Bearing 218.684 degrees  Reverse Bearing 38.684 degrees  By  Bearing from Corund Cape Light to Worm Head Light is 218.684 degrees  Bearing from Worm Head Light to Corund Cape Light is 38.684 degrees |  |
|  |  | 4.7.2 | Setup |  | **Typo in cell name for the test**  Correct cell name is AA5C1AB1.. | | Replace  Load the following cell from ECDIS Chart 1 as provided in IHO S-52 Presentation Library:  AA5C1AB2.000  By  Load the following cell from ECDIS Chart 1 as provided in IHO S-52 Presentation Library:  AA5C1AB1.000 |  |
|  |  | 4.7.3 | Setup | ed | **Typo in referencing other test**  There is a typo in referencing other test | | Replace  As for test 4.7.1  By  As for test 4.7.2 |  |
|  |  | 4.8 | Results | ed | **Typo in spelling of units**  The correct spelling of unit of depth and height is "metres" instead of "Metres". Reference is IHO S-57 Ed .3.1 clause 2.126 and clause 2.135  Acronym: DUNITS Code: 89  Attribute type: E  Expected input:  ID Meaning  1 : metres  2 : fathoms and feet  3 : feet  4 : fathoms and fractions  Acronym: HUNITS Code: 96  Attribute type: E  Expected input:  ID Meaning  1 : metres  2 : feet | | For "Units for depth"  Replace  Metres  By  metres  For "Units for height"  Replace  Metres  By  metres |  |
|  |  | 5.1 | Setup | ed | **Incomplete setup instructions**  Pictures contain text for which the setup miss instruction to select | | Add  Select all Text groups |  |
|  |  | 5.1 | Results | te | **Error in picture for safety contour = 0 m for an underwater rock**  An underwater rock will result from conditional symbology procedure as depth 0.01 m which is below 0 m. Therefore it should not be highlighted for the picture of the safety contour = 0 m | | Replace the picture by using the attached png-file  5.1 picture 1 - Safety contour = 0 meter.PNG  C:\msdokut\STANDARDIT\IHO\S64\Work 2015\S-64 findings by FFOY Aug2015\New picture originals\5.1 picture 1 - Safety contour = 0 meter.PNG |  |
|  |  | 5.1 | Results | te | **Error in picture for safety contour = 10 m for deep blue water area**  A part of depth area marked as unsafe is actually safe | | Replace the picture by using the attached png-file  5.1 picture 8 - Safety contour = 10 meter.PNG  C:\msdokut\STANDARDIT\IHO\S64\Work 2015\S-64 original pictures as PGN\5.1 picture 8 - Safety contour = 10 meter.PNG |  |
|  |  | 5.2 | Setup | ed | **Incomplete setup instructions**  Pictures contain text for which the setup miss instruction to select | | Add  Select all Text groups |  |
|  |  | 5.2 | Setup | ed | **Typo in Setup - Wrong value of safety contour**  Obviously the route monitoring test should be based on non zero value of safety contour. Correct value is for example 30 m, which is used also for safety depth | | Replace  Set the safety contour value to 0 m  By  Set the safety contour value to 30 m |  |
|  |  | 5.2 | Result | ed | **Error in picture 1 for object MARCUL**  Object MARCUL miss fish symbol | | Replace the picture by using the attached png-file  5.2 picture 1.PNG |  |
|  |  | 5.2 | Result | te | **Error in picture 2 for object LNDARE, MARCUL etc.**  Object LNDARE cause DNGHLT instead of INDHLT plus some underlying hazards not indicated  Object MARCUL miss fish symbol | | Replace the picture by using the attached png-file  5.2 picture 2.PNG |  |
|  |  | 5.3 | Setup | ed | **Incomplete setup instructions**  Pictures contain text for which the setup miss instruction to select | | Add  Select all Text groups |  |
|  |  | 5.4 | Setup | ed | **Incomplete setup instructions**  Pictures contain text for which the setup miss instruction to select | | Add  Select all Text groups |  |
|  |  | 5.4 | Setup | ed | **Typo in Setup - Wrong value of safety contour**  Obviously the route monitoring test should be based on non zero value of safety contour. Correct value is for example 30 m, which is used also for safety depth | | Replace  Set the safety contour value to 0 m  By  Set the safety contour value to 30 m |  |
|  |  | 5.4 | Action | ed | **Wrong action instructions - not for monitoring but a copy-paste from another test**  This test is about Monitoring mode. The current action is a copy-paste from test 5.2. | | Replace current action by the new text below:  Select position 39°57.000’N 104°49.000’W at compilation scale (1:350 000) of AA2OVRVU.  Set simulated own ship for 39°49.587’N 104°54.930’W with heading set for 10.0°. Select size of own ship check area as 1.0 NM width and 8.0 NM length. |  |
|  |  | 5.4 | Result | te | **Wrong action instructions - not for monitoring but a copy-paste from another test**  See comment for Action of 5.4  Note that the new picture is available as png-file  5.4 picture 2.PNG | | Replace current result by the new text and picture below  The ENC in the ECDIS should match the corresponding graphical plot shown below.  C:\msdokut\STANDARDIT\IHO\S64\Work 2015\S-64 findings by FFOY Aug2015\New picture originals\5.4 picture 2.PNG |  |
|  |  | 6.1 | Result | te | **Confusion about exact rule of S-52 for centred symbol**  Current S-52 Ed 4.0.1 has two rules about display of the centred symbols.   1. First rule in clause 8.5.1 specify that centred symbol is drawn if the centre of the symbol is within the area. All pictures in this test are drawn using this rule (i.e. there is a big anchor symbol for which the centre is inside the area but for which parts of the anchor are outside the area).   QUOTE  If the centre of the symbol bounding box falls outside of the area then it must not be drawn  UNQUOTE   1. Second rule is in 8.5.1.1 which specify that all part of the centred symbol should be within the area. This would lead to no display of the anchor for all pictures is results for test 6.1   QUOTE  A centred symbol must remain within the area even when the border of the display progressively truncates the area  UNQUOTE | | IHO ENCWG is requested to clarify which rule to use. |  |
|  |  | 6.1 | Result | ed | **Error in pictures for object MARCUL**  Object MARCUL miss fish symbol | | Replace the pictures by using the attached png-files  6.1 picture 1 - Traffic separation zone.PNG    6.1 picture 2 - Inshore traffic zone.PNG    6.1 picture 3 - Restricted area.PNG    6.1 picture 4 - Caution area.PNG    6.1 picture 5 - Offshore production area.PNG  6.1 picture 6 - Area to be avoided.PNG    6.1 picture 7 - Military practice area.PNG    6.1 picture 8 - Seaplane landing area.PNG    6.1 picture 9 - Submarine transit lane.PNG    6.1 picture 10 - Anchorage area.PNG    6.1 picture 11 - Marine farm aquaculture.PNG    6.1 picture 12 - PSSA.PNG |  |
|  |  | 6.2 | Setup | ed | **Incomplete setup instructions**  Pictures contain text for which the setup miss instruction to select | | Add  Select all Text groups |  |
|  |  | 6.2 | Result | ed | **Error in pictures for object MARCUL**  Object MARCUL miss fish symbol | | Replace the pictures by using the attached png-files  6.2 picture 1.PNG    6.2 picture 2.PNG |  |
|  |  | 6.3 | Setup | ed | **Incomplete setup instructions**  Pictures contain text for which the setup miss instruction to select | | Add  Select all Text groups |  |
|  |  | 6.3 | Result | ed | **Error in picture for object MARCUL**  Object MARCUL miss fish symbol | | Replace the picture by using the attached png-file  6.3 picture 1.PNG |  |
|  |  | 6.4 | Result | ed | **Typo in results: Test description has mistake**  Text claims to be an example with Seaplane landing area and Marine farm/culture area as selected. But the plot is from Caution area, Military practice area and PSSA as selected. | | Replace  An example with Seaplane landing area and Marine farm/culture area as selected  By  An example with Caution area, Military practice area and PSSA as selected |  |
|  |  | 6.4 | Result | ed | **Error in picture for object MARCUL**  Object MARCUL miss fish symbol | | Replace the picture by using the attached png-file  6.4 picture 1.PNG |  |
|  |  | 7.1 | Setup | ed | **Incomplete setup instructions**  Pictures contain text for which the setup miss instruction to select | | Add  Select all Text groups  Select Contour label |  |
|  |  | 7.2 | Setup | ed | **Incomplete setup instructions**  Pictures contain text for which the setup miss instruction to select | | Add  Select all Text groups  Select Contour label |  |
|  |  | 7.3 | Setup | ed | **Incomplete setup instructions**  Pictures contain text for which the setup miss instruction to select | | Add  Select all Text groups  Select Contour label |  |
|  |  | 7.4 | Setup | ed | **Incomplete setup instructions**  Pictures contain text for which the setup miss instruction to select | | Add  Select all Text groups  Select Contour label |  |