



IMO

E

SUB-COMMITTEE ON SAFETY
OF NAVIGATION
52th session
Agenda item 5

NAV 52/5/...
12 April 2006
Original: ENGLISH

AMENDMENTS TO THE ECDIS PERFORMANCE STANDARDS

Summary and explanations of amendments proposed to the ECDIS Performance Standards

Submitted by Norway

SUMMARY

Executive summary:	The annex to this document contains a table giving a summary and a brief explanation of all amendments proposed to the ECDIS Performance Standards, presented in Annex 1 to document NAV 52/5/....
Action to be taken:	Paragraph 4.
Related documents:	NAV 52/5/...

Introduction

1 The report of the Correspondence Group on ECDIS is presented in document NAV 52/5/... Annex 1 to that document is the “Draft revised Performance Standards for ECDIS”, as agreed by the Group.

2 As noted in paragraph 25 of the document referred to above, the following was decided regarding how to present the draft revised Performance Standards: new text is shaded with grey background, irrespective of whether the new text proposes changes of substance or is only editorial in nature. Initially, it was considered to also include *deleted* text with strike-through letters. However, it was later decided that such a presentation would appear untidy and be difficult to read, and was therefore not included.

3 The table in the Annex provides an overview of all amendments proposed to the ECIDS Performance Standards. The table also includes a brief explanation for each amendment. All amendments which are not a purely editorial are preceded by the word “**Substance:**” to indicate as such.

Actions requested of the Sub-committee

4 The Sub-Committee is invited to consider the information in the Annex in connection with its consideration of the draft revised ECDIS Performance Standards, proposed in Annex 1 to NAV 52/5/...

ANNEX

Summary of, and reasons for, amendments proposed to the ECDIS PS

Paragraph no. in present PS	Amendment proposed	Reason for amendment	Paragraph no. in revised PS if different
Annex 1, Section 1:			
1	New title	More in line with content of section 1	
1.2	Minor modification	“Clean up”	
1.3	Paragraph deleted here, but referred to in Appendix 1	“Clean up” (Does not belong in “scope”)	Appendix 1
1.4	-	-	1.3
1.5	-	-	1.4
1.6	-	-	1.5
	Substance: New paragraph added	Considered relevant for “scope”	1.6
1.9	Minor modification of the text introduced by res. MSC.86(70)	“Clean up”	
Annex 1, Section 2:			
2.1	Minor modification	“Clean up”	
2.2	Text amended	Modified to be in line with standard SOLAS terminology	
2.3	Substance: Text amended	To make the definition more precise	
2.4	Substance: Text amended	Present definition is unclear	
2.5	Substance: Text amended	To make the definition more precise	
2.6	Minor modification	“Clean up”	
Annex 1, Section 3:			
3.1	Substance: Text added to the present text	To make the requirement more precise	
3.2	Text added to the present text	To make the requirement more precise	
3.4	Substance: Text amended	New requirement considered more appropriate	
	Substance: New paragraph added	New requirement considered necessary for operators	3.6
	Substance: New paragraph added	New requirement considered necessary for operators	3.7
3.6	Minor modification of present text, but also new text added	To clarify the requirements	3.8
3.7	-	-	3.9
3.8	-	-	3.10
	Substance: New sub-paragraphs added	See (new) paragraph 3.6 above	3.8.1 – 3.8.3
3.9	-	-	3.11
3.10	Minor modification	To clarify the requirements	3.12

Paragraph no. in present PS	Amendment proposed	Reason for amendment	Paragraph no. in revised PS if different
Annex 1, Section 4:			
4.1	Minor modifications	To make the requirement more precise, and to use standard SOLAS terminology	
4.2	Minor modifications	“Clean up”	
4.3	Text added to present text	To make the requirement more precise	
4.7	Substance: Text added to present text	To make the requirement more precise	
4.8	Minor modifications	“Clean up”	
	Substance: New requirement added	Considered relevant to the ECDIS PS	4.9
Annex 1, Section 5:			
	(No change)		
Annex Section 6:			
6.1	Substance: Addition to present text	Considered relevant to the ECDIS PS	
	Substance: New requirement added	Is based on paragraph 6.3.5 of the present PS, which only applies to radar information. The new requirement applies to all types of “other navigational information”	6.2
6.2	-	-	6.3
6.3.1	Text amended	To make the requirement more precise	6.4.1
6.3.2	Substance: Word “projection” added	Considered relevant to the ECDIS PS	6.4.2
6.3.3	-	-	6.4.3
6.3.4	-	-	6.4.4
6.3.5	Deleted; replaced by new paragraph 6.2 explained above		
Annex 1, Section 7:			
7.1	Substance: New requirement added to present text	Considered relevant to the ECDIS PS	
7.3	Minor modifications	To clarify the requirement	
7.4	Minor modifications	To clarify the requirement	
	Substance: New requirement added	Considered relevant to the ECDIS PS	7.5
Annex 1, Section 8:			
8.2	Text amended	“Clean up”	
8.3	Minor modifications	“Clean up”	

Paragraph no. in present PS	Amendment proposed	Reason for amendment	Paragraph no. in revised PS if different
Annex 1, Section 9:			
	Substance: New requirement added	Considered relevant to the ECDIS PS	9.5
Annex 1, Section 10:			
10.2	Footnote added	Considered relevant to the ECDIS PS	
10.4.2	Substance: Text added to present text	Considered relevant to the ECDIS PS	
10.4.2.4	Deleted	Not considered appropriate for PS	
10.4.3	Substance: Text amended	Considered necessary for operators	
10.4.5	Substance: Text amended	To clarify and expand the requirement	
10.4.6	Minor modifications	To clarify the requirement	
10.5.4	Minor modifications	To clarify the requirement	
10.5.5	Minor modifications	To clarify the requirement	
	Substance: New requirement added	Considered relevant for the ECDIS PS	10.5.6
10.5.6	Substance: Text amended	To improve the requirement	10.5.7
10.5.7	Substance: Present requirement expanded	Considered relevant to the ECDIS PS	10.5.8
10.5.8	Minor modifications	To clarify the requirement	10.5.9
10.5.9	-	-	10.5.10
10.5.10	Minor modifications	To clarify the requirement	10.5.11
10.5.11	Minor modifications	To clarify the requirement	10.5.12
10.5.12	-	-	10.5.13
10.5.13	Minor modifications	To clarify the requirement	10.5.14
	Substance: New requirement added in square brackets	To be decided if this paragraph is relevant to the ECDIS PS.	10.5.15.1
	Substance: New requirement added in square brackets	To be decided if this paragraph is relevant to the ECDIS PS.	10.5.15.2
10.6.1	The word “shall” is replaced by “should”	“shall” is not appropriate in a PS	

Paragraph no. in present PS	Amendment proposed	Reason for amendment	Paragraph no. in revised PS if different
Annex 1, Section 11:			
11	Heading amended	To clarify	
	<i>Substance:</i> New requirements added	Considered relevant to the ECDIS PS	11.3
Annex 1, Section 12:			
12.2	<i>Substance:</i> Text amended	To clarify/expand the present requirement	
	<i>Substance:</i> New requirement added	Considered relevant to the ECDIS PS	12.3
Annex 1, Section 13:			
13.1			
Annex 1, Section 14:			
14	Minor modifications	To clarify the requirement	
Annex 1, Section 15:			
15.1	Minor modifications	“Clean up”	

Paragraph no. in present PS	Amendment proposed	Reason for amendment	Paragraph no. in revised PS if different
Appendix 1:			
	Various new information and references added	Considered relevant to the ECDIS PS	
	Various existing references amended	To bring up-to-date	
Appendix 2:			
1	Text amended	To clarify the requirement	
1.2	“to be selected by the mariner” is deleted	To correspond to text in revised new paragraph 3.8	
1.3	“indication of” is deleted	To clarify the requirement	
1.4	Substance: “indication of” and some other words are deleted. “buoys and beacons” moved as separate item 1.5	To clarify the requirement	1.4 and 1.5
1.5	“traffic routing systems” replaced by “Ships routing”	To clarify the requirement	1.6
1.6	“orientation” replaced by “north arrow”.	To clarify the requirement	1.7
1.6	“Display mode” moved down as a separate item 1.9	To clarify the requirement	1.9
1.7	-	-	1.8
2	Text amended	To clarify the requirement	
2.3	Substance: Text amended to align with revised 1.4 and 1.5.	To clarify the requirement	
2.8	“indication of” is deleted	To clarify the requirement	
	Substance: New item “ferry routes” is added, which was previously paragraph 3.3	Considered to belong to “Standard display”	2.9
	Substance: New item “archipelagic sea lanes” added.	Considered to belong to “Standard display”	2.10
3	Minor modifications	To clarify the requirement	
3.3	Substance: Deleted here; moved as new item 2.9	Considered to belong to “Standard display”	2.9
	Substance: New item “most recent update number” added in square bracket.	This item needs to be reconsidered.	3.7
3.8	“geodetic datum” is deleted	Considered to be superfluous	
3.9	-	-	3.8
3.10	-	-	3.9
3.11	-	-	3.10

Paragraph no. in present PS	Amendment proposed	Reason for amendment	Paragraph no. in revised PS if different
Appendix 3:			
8.1	“(in box)” is deleted	To clarify the requirements	
8.2	text modified/deleted	To clarify the requirements	
11	“Speed is shown in box” is deleted	To clarify the requirements	
Appendix 4:			
	Substance: 18 items are deleted	Considered unnecessary to include in the ECDIS PS.	
	Substance: “User defined areas to be avoided” is added	Considered relevant to the ECDIS PS	
	Substance: “Marine farm/aquaculture” is added	Considered relevant to the ECDIS PS	
	Substance: “Specially protected area” replaced by “ESSA/PSSA”	Considered relevant to the ECDIS PS	
Appendix 5:			
Various sub-paragraphs	New numbering to correspond with revised Annex 1	“Clean up”	
10.3	Substance: This item “Largest scale for alarm” is deleted	Corrects an error in present PS (10.3 is unchanged)	
10.4.6	This item “exceeding off-track limit” is deleted	Considered to be covered by item 10.5.5 “Deviation from route”	
10.5.7	Res. MSC.86(70) changed this item from “Indication” to “Alarm”. This item has only been moved up in the list.	Moved to its correct place in the revised PS	
	Substance: 4 new items added	Considered relevant to the ECDIS PS	3.8.3, 7.5, 9.5, 10.5.6
Below table	Reference to “Code on Alarm and Indicators” has been amended	“Clean up”	
Appendix 6:			
3.1.5.1	Text amended	Modified to be in line with standard SOLAS terminology	
3.1.8	Text has been added	To clarify requirements	
3.2.2	The word “shall” has been replaced by “should”	“shall” is not appropriate to use in a PS.	
4.2.2	Substance: Text amended	Considered relevant to the ECDIS PS	
6.2	Reference to radar has been amended	“Clean up”	

Paragraph no. in present PS	Amendment proposed	Reason for amendment	Paragraph no. in revised PS <u>if different</u>
Appendix 7:			
<i>NOTE: Many amendments to Appendix 7 are consequential to having added, deleted, modified and reshuffled paragraphs in the ECDIS PS (i.e. the Annex). Such amendments are <u>not</u> included in the table below, which mainly lists substantial changes and new paragraph numbers.</i>			
The lead-in paragraphs in front of numbered paragraphs	Substance: The text has been amended	An attempt to explain more clearly how to read and understand Appendix 7.	
1	Title amended	To be in line with amendments to ECDIS PS	
1.2	Substance: Text amended	To clarify the requirement	
2.2 and 2.3	In the terms defined, "Nautical" is replaced by "Navigational"	To be in line with IHO Standard S-61.	
	Substance: New definition added	To clarify Appendix 7	2.7
3.1	Substance: Text amended	To clarify Appendix 7	
3.4	Deleted	Covered by 5.1.2 and therefore superfluous	
3.11	Moved		3.13
	Substance: New requirement added	To clarify Appendix 7	4.3
4.7	Substance: Slight expansion of requirement	To be in line with amendments to ECDIS PS	
6.1	Substance: Slight expansion of requirement	To be in line with amendments to ECDIS PS	
6.3.5	Substance: Slight expansion of requirement	To be in line with amendments to ECDIS PS	6.2
10.4.2	Substance: Slight expansion of requirement	To be in line with amendments to ECDIS PS	
10.4.3	Substance: Slight expansion of requirement	To be in line with amendments to ECDIS PS	
10.5.7	Substance: Expansion of requirement	To be in line with amendments to ECDIS PS	10.5.8
10.5.9	Substance: Text amended	To clarify Appendix 7	10.5.10
11	Title amended	To be in line with amendments to ECDIS PS	
11.4	Substance: New item added	Considered relevant for ECDIS PS	

Paragraph no. in present PS	Amendment proposed	Reason for amendment	Paragraph no. in revised PS <u>if different</u>
-----------------------------	--------------------	----------------------	---

Appendix 7, Table 1:

Table 1: Various sub-paragraphs	New numbering to correspond with revised Annex 1 and Appendix 5	“Clean up”	
Table 1: 10.4.7	Reference deleted	Superfluous; coved by 10.5.17	
Table 1, item 10.5.9	Substance: Text amended	To clarify Appendix 7	Table 1, item 10.5.10
Table 1, item 13.2	Substance: Text amended	To be in line with the amended Annex	
Table 1, item 3.4	Reference deleted	Item 3.4 deleted from Appendix 7	
