

0	1	2	(3)	4	5	(6)	(7)	
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1	FI		DCEG		T	Available values of Category of Port Section for use by the Harbour area section seem to be very restricted compared to the broad definition of uses of the feature Harbour area section.	Considering the described use of Harbour area section, consider whether "Category of Port section should be expanded to include a general option, indicating a simple "subdivision of administrative area". (Additional to the option of leaving the attribute unpopulated.)	Model revision, postpone consideration th future edition.
2	FI		DCEG		T	DCEG states that A HarbourAreaAdministrative feature MAY be subdivided into HarbourAreaSection features. Anyway, at least one section apparently MUST be added to each dataset, as teminals, berths etc. layout objects are only associated to a section.	Consider adding a note regarding the need to use one or many HarbourAreaSection- features as a container for all the other Layout- features.	Applied in 6.8.1, 6.9.1
3	FI		DCEG	2.6.9	T	According to 2.6.9, each Feature- or Information instance must have a FOID, mapped to the gml:id attribute. Such gml:id identifier seem to be both external to the feature catalogue and specific to the format of the dataset (GML). Additionally, existing rules of the gml:id attribute further adds complexity to the handling and interlinking of identifiers. Future interoperability will most certainly also need to support interoperability between GML and other formats. Features split across multiple datasets might need to be identified by the same FOID in a product where a gml:id attribute is not available. If I understand this correctly, the FOID within the gml:id would have to be present as an actual attribute within the non-GML product.	Consider adding the FOID as an attribute to the feature catalogue instead of (or additionally to) mapping to format specific gml:id. This would allow for more flexibility in the future, especially interoperability with (and us as) non-gml formats. Within the feature catalogue, definitions of one or several identifiers of features can be added as needed. FOID seem to be an identifier such as LOCODE etc.	Model revision, postpone consideration to future edition.
4	FI		DCEG	2.6.9	T	MRN is primarily a type such or an URN. URN is a specified type in S-100, but "MRN" is often presented as the name of an attribute. MRN is simply a "resource identifier", following a specified scheme. MRN as a name does not indicate which aspect of the resource is identified, and there might be a need to identify multiple aspects. As such MRN would logically not replace	Consider adopting the logic of already existing attribute Location Maritime Resource Name of type URN, defined as Location identifier, based on MRN. Even if the identifier is an MRN in the future, it seems that FOID would still be a "Feature Object Identifier, based on MRN" and logically not replaced by "MRN".	Clarification received and applied.

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						FOID as attribute, but instead FOID could take the format of an MRN / URN.		
5	VC	FR	1.2 Document Metadata	table 1.1	ed	In "Contact": "4 Quai Antione 1er"	typo Antione --> Antoine	Applied
6	VC	FR	3 check classification	table 3.1	ed	"An error which may be duplication or an inconsistency" ("a" lacking?)	An error which may be a duplication or an inconsistency	Applied
7	VC	FR	7 Dataset validation checks	table 7.1	ed	At row check ID #139: check message: "Feature instance not covered by an QualityOfNonBathymetricDatainstance." (spacing between "QualityOfNonBathymetricData" and "instance.")	Feature instance not covered by a QualityOfNonBathymetricData instance.	Spacing is a single space, no change
8	VC	FR	7 Dataset validation checks	table 7.1	ed	row "check ID #162" column 3-4 add final "." (period) same for: row ID #163 column 3-5 , row ID #167 column 3 , (p.16-17) row ID #171 column 5 , row ID #172-177 column 3-5 , row ID #178-180 column 4-5 , row ID #181 column 3-5 , (p.18:) row ID #182-183 column 3-5 , row ID #184 column 5 , row ID #185 column 4-5 , row ID #186-187 column 3-5	Append "." Where needed.	Applied. Checks 182 and 183 not applicable to GML encoding, removed.
9	VC	FR	7 Dataset validation checks	table 7.1	ed	row "check ID #172": "language" is in italics. Was this intended ?	If so then OK. Else "de-italicise".	Yes. Otherwise the meaning is ambiguous.
10	VC	FR	7 Dataset validation checks	table 7.1	ed	There is a useless blank page after table 7.1	Remove blank page.	Removed
11	VC	FR	8 Exchange set validation checks	Paragraph 2	ed	2 nd paragraph: "Exchange set validation involves the following phases." Should be ":" (colon) instead of "." (period)	Replace ":" (colon) with "." (period).	Replaced ":" with ".".

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12	VC	FR	8 Exchange set validation checks	Table 8.1 - MHI Exchange set checks	ed	"If the digital signature values are not present and valid in the DatasetDiscoveryMetadata or SupportFileDiscoveryMetadata" is there a double space after "valid"? If so substitute " " with " "	If so substitute " " with " "	It is a single space
13	FC	FR	3.10 Bollard Pull	Unit of measure name	ed	Is the measure unit routinely provided in Tonnes or in (kilo)newtons instead?	If Tonnes, then ok. Else amend.	I recall asking this question and the answer was to use tonnes. A feature catalogue cannot name more than one UoM for an attribute. If it is necessary to allow both tons and kilonewtons that should be taken up for the next edition.
14	FC	FR	3.14 Cargo Service	"listed values" table	RG	item #2 (row #3), column "Remarks": 'Distinguished from "cargo survey" which is has been defined...' ("which is has been")	→ "Distinguished from "cargo survey" which is defined"... (or: "has been defined"...))	In Registry.
15	FC	FR	3.26 Category of Temporal Variation	table of listed values	RG	rows with code #2 and #3, column "Definition": "ice bergs" ("icebergs" in 1 word)	→ icebergs	In Registry
16	FC	FR	3.26 Category of Temporal Variation	table of listed values	RG	rows with code #1-4, column "Definition": "etc" (the period is part of abbreviation)	→ etc.	All in Registry
17	FC	FR	3.47 Elevation	"Constraints" table	RG	upperBound is set to 8850. Mount Everest has successively been surveyed at 8839, 8848, 8844, 8849 m.	should we not set a different (higher) upperBound value which would allow possible higher subsequent survey outcomes?	In registry

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						The ice/snow topping which is now considered the reference for determining the elevation, and tectonic/seismic activity, both can alter subsequent surveys (possibly over 8850m).		
18	FC	FR	3.51 Firefighting Services	table "Listed Values"	RG	rows "Shore-Based Firefighting" and "Onboard Firefighting", columns "Definition" and "Remarks": If british English rules the waves (is there a preference expressed for IHO publications?) then "combating" --> combatting This raises the general question of US-En vs BG-En across all the documents.	→ combatting As a general rule we chose GB-En for documentation, and US-En for technical purposes (class, attribute names etc. are in US-En). The secretariat may decide otherwise (everything in US-En) or chose to not decide (GB-En and US-En mixed up in documentation)	In registry
19	FC	FR	3.75 MMSI Code	Value Type	te	Value Type is set to "text". Is this correct ? MMSI codes are numbers of 9 figures, aren't they?	Define MMSI codes as 9 character positive integers. (unless there are plans to change this in the future?)	"text" is correct. Also, the registry has "text".
20	FC	FR	3.92 Quality of Horizontal Measurement	table of listed values	RG	row with code #2, column "Definition": "Survey data is does not exist or is very poor." Delete "is".	→ Survey data does not exist or is very poor.	In registry
21	FC	FR	3.94 Repair Service	table of listed values	RG	row with code #3, column "Definition": "Repairs to equipment installed on the ship's bridge." (letter "u" missing in "equipment")	→ Repairs to equipment installed on the ship's bridge.	In registry
22	FC	FR	3.99 Signal Frequency	table of Constraints	RG	the lowerBound value is set to 1. However, strictly speaking a frequency can be below this value (less than one cycle per second) Is this correct ?	No impact for telecommunications (as frequencies are >1hz)	In registry
23	FC	FR	3.104 Source Type	Value Type: enumeration	ge, te	what about media other than News Media? Videos? Also, is remote sensing only pertaining to satellite imagery? What about drone imagery?	should Source Type be an enumeration or a code list? What if we need to add e.g. "videos" to the list?	Model revision, postpone consideration to future edition.

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24	FC	FR	3.118 UN Location Code	Remarks	RG	"The ISRS Code exists of" "exists" → "consists"	→ The ISRS Code consists of	In registry
25	FC	FR	3.122 Vertical Datum	table of listed values	RG	row with code #4, column "Definition": An arbitrary level conforming to the lowest tide observed at a place, or some what lower." ("somewhat" instead of "some what")	--> An arbitrary level conforming to the lowest tide observed at a place, or somewhat lower.	In registry
26	FC	FR	3.125 Vessels Characteristics Unit	table of listed Values	RG	row with code #3, Column Definition: ..."Pronunciation of tonne (the word used in the UK) and ton is usually identical, but is not too confusing unless accuracy is important as the tonne and UK long ton differ by only 1.6." ("%" or "per cent" missing)	→ "Pronunciation of tonne (the word used in the UK) and ton is usually identical, but is not too confusing unless accuracy is important as the tonne and UK long ton differ by only 1.6%."	In registry
27	FC	FR	3.128 Action or Activity	table of listed values	te	row with code #4 (labelled "Berthing"), Definition vs. Remarks: does this mean the registry needs updating?	-	Yes. Will have to be discussed with S-101PT
28	FC	FR	3.128 Action or Activity	table of listed values	RG	In the table of listed values, row with code #9, column "Definition": "traveling" (US-English) vs. "travelling" (British-English) (same remark as for 3.51 Firefighting Services) Note that in the same table, the definition in row with code #16 (Definition) uses "travelling" (British-English).	Same as 3.51 Firefighting Services	In registry
29	FC	FR	4 Complex attributes		ed	In the last column of Sub-Attribute tables: "sequential" --> "Sequential" (capital "S") to conform to the remaining of the document.	→ "Sequential"	Applied
30	FC	FR	4.10 General	Remarks	RG	"overview of harbour related Information."	→ "overview of harbour-related information."	In registry

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			Harbour Information			(hyphen between "harbour" and "related", no capital "I" in "information)		
31	FC	FR	4.12 Graphic	Definition	te	Could a graphic be dynamic? e.g. dynamic display of weather forecast.		Not as currently defined. No further action, reviewer invited to submit a paper to NIPWG if desired.
32	FC	FR	4.14 Information	Remarks	RG	"At least one of the sub-attributes file reference or text must be populated.The sub-attribute file reference is generally used for long text strings or those that require formatting, however, there is no restriction on the type of text (except for lexical level) that can be held in files referenced by sub-attribute file reference." (There are 3 occurrences of "file reference" to be replaced with "fileReference")	→"At least one of the sub-attributes fileReference or text must be populated.The sub-attribute fileReference is generally used for long text strings or those that require formatting, however, there is no restriction on the type of text (except for lexical level) that can be held in files referenced by sub-attribute fileReference."	In registry
33	FC	FR	4.33 Weather Resource	Definition	RG	"Links for relevant weather related information." (hyphen missing)	→ "Links for relevant weather-related information."	In registry
34	FC	FR	5.2 to 5.6, 5.8 to 5.11, 5.13 to 5.14, 5.16 to 5.22	Titles of sections	RG	These sections should be titled with capital initial letters for names to conform with the rest of the document. Same for "Name" contents.	These sections should be titled with capital initial letters for names to conform with the rest of the document. Same for "Name" contents.	In registry
35	FC	FR	5.3 Information provided for	Definition	RG	"A pointer to a specific feature(s) for which further information is required."	→ "A pointer to a specific feature or specific features for which further information is required."	In registry
36	FC	FR	5.5 to 5.11 5.13 to 5.22	Definition	RG	Definition not ended by "." (period)	Append period.	In registry
37	FC	FR	5.9 Contact details	Definition	RG	"A pointer to an Contact Details object" ("a" instead of "an")	→" A pointer to a Contact Details object"	In registry

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38	FC	FR	5.12 Identifies	Definition	RG	"A pointer to a specific feature(s)."	→"A pointer to a specific feature or specific features."	In registry
39	FC	FR	5.37 Primary Facility	Definition	RG	"A reference to the primary feature in an Auxiliaryfacility relationship." (capital "F" and lower case "a" in "auxiliaryFacility")	→"A reference to the primary feature in an AuxiliaryFacility relationship."	In registry
40	FC	FR	5.40 Defined for	Definition	RG	"A pointer to a specific spatial type(s)."	→"A pointer to a specific spatial type or specific spatial types." Or →"A pointer to one or more specific spatial types."	In registry
41	FC	FR	6.1 to 6.3, 6.5 to 6.9	Section titles	ed	These sections should be titled with capital initial letters for names to conform with the rest of the document. Same for "Name" contents.	These sections should be titled with capital initial letters for names to conform with the rest of the document. Same for "Name" contents.	NFA. Section titles are generated automatically from association names.
42	FC	FR	6.2 to 6.9	Definition	RG	". " (period) missing at end of the Definition.	Add period.	In registry
43	FC	FR	6.6 Service control	Remarks	RG	". " (period) missing at the end of the "Remarks" paragraph.	Add period	In registry
44	FC	FR	6.8 Location hours	Remarks	RG	"This association links a geo feature to a Service Hours object" (there must be no spacing between "Service" and "Hours" as we are talking of the object named "ServiceHours")	→"This association links a geo feature to a ServiceHours object"	In registry
45	FC	FR	6.12 Spatial Association	Comment (red, italic)	ed, te	"Association is not referenced in any information binding"	shouldn't it be in "Remarks" (resolved otherwise)	No, this is a message generated by the software that creates the Word version from the XML FC.
46	FC	FR	7.1 Text association	Title, Name	RG	This section should be titled with a capital initial letter for name to conform with the rest of the document.	Check case in titles "7.1 Text association" → "7.1 Text Association"	In registry

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						Same for "Name" contents.	"Name: Text association [IHOREG 9000014]" → "Name: Text Association [IHOREG 9000014]"	
47	FC	FR	7.5 Demarcation	Definition	RG	paragraph lacks a "." (period).	Add period.	In registry
48	FC	FR	9.17 Harbour Bassin	Aliases	RG	"hrbbsn" (lower to upper case?)	→"HRBBSN"	In registry
49	FC	FR	9.23 Terminal	Attribute Bindings	te	Why should a Yacht Harbour/Marina be more of a terminal than a Fishing Harbour or Naval Base? Isn't it more coherent to remove #5 Yacht Harbour/Marina from the list of Permitted Values?	remove #5 Yacht Harbour/Marina from the list of Permitted Values?	Model revision, NFA for Edition 1.0
50	DCEG	FR	Document History	Document History	ed	Last line of last row: missing "." (period)	Add period.	Applied
51	DCEG	FR	1.2 S-131 Annex A - Data Classification and Encoding Guide – Metadata	Contact	ed	2nd line: "4 Quai Antione 1er" → "4 Quai Antoine 1er" ("Antione": i" and "o" are inverted)	"Antione" → "Antoine"	Applied
52	DCEG	FR	2.4.1 Simple attribute types	Table 2.2 - Simple attribute types	ED	Abbreviation "UL" missing in Abbreviation column for Attribute type "URL"	Insert "UL" in cell before "URL"	Applied
53	DCEG	FR	2.4.6.1 Quality of spatial attributes	Figure 2.1 Spatial quality information	ed, ge	Schema quality seems insufficient. Wouldn't it be better to use a vector version of it instead?	Consider using a vector version of all the figures in this document (same comment will apply to th specification document) to improve the rendering.	Figure 2.1 has been replaced.
54	DCEG	FR	2.4.8.6 Complex or lengthy textual information	Paragraph 5	ed, ge	last line, paragraph 5: "summarized" US-En vs GB-En	Uniformise/uniformize across all documents	Changed in 2.4.8.6, but note that spellings elsewhere stemming from the registry are a registry issue.

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55	DCEG	FR	2.4.10.3 Start and end of ranges	Note 1)	ed	penultimate line: the two middle dashes have fusionned in "----0228"	Make sure dashes don't fusion	Applied
56	DCEG	FR	2.4.10.3 Start and end of ranges	Note 1) and Note 2)	ed, ge	"Note 1)", "Note 2)" whereas e.g. in in 2.5.4.2 we find "Note (1)", "Note (2)"	Uniformise across the document, e.g. → "Note (1)" → "Note (2)"	Applied
57	DCEG	FR	2.4.10.4 Schedules	EXAMPLE	ed, te	in the EXAMPLE the encoding does not correspond to the chosen example. 4 is the code for Wednesday, not 3. Same for Saturday: 7, not 6.	"<dayOfWeek code="3">Wednesday</dayOfWeek>" → "<dayOfWeek code="4">Wednesday</dayOfWeek>" and "<dayOfWeek code="6">Saturday</dayOfWeek>" → "<dayOfWeek code="7">Saturday</dayOfWeek>"	Applied
58	DCEG	FR	2.5.1 Introduction	last paragraph (after Figure 2.2):	ed	"An association end may a multiplicity which describes how many instances the feature or information type instance at the other end is allowed to are to link to." (delete "to are")	--> "An association end may have a multiplicity which describes how many instances the feature or information type instance at the other end is allowed to link to."	Applied
59	DCEG	FR	2.5.4.2 Inclusion type	Note	ed, ge	"Note (X)" or "Note X)" (check consistency of notation)	Check across the document;	Applied
60	DCEG	FR	2.6.1 Types of Datasets	Table 2.9 - Dataset types	ge, ed	Consistency of notation across this component and the others: some instances of "Table x.x" are followed by a "-" (dash) some are not The same comment applies to figures.	Remove all dashes after a table or figure number (sufficient spacing or tabulation is enough)	Most have dashes. Standardized on using dashes.
61	DCEG	FR	3 Description of table format for feature and information types	X.X Clause heading	ed, te	The numbering "X.X" under section 3 is weird.	Add an introductory text (can be just 1 sentence) before "X.X" (and/or "X.X Clause heading" in red)	Applied

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62	DCEG	FR	3 Description of table format for feature and information types	Clause table	ed	Clause table outline exceeds right-side margin. Should be aligned with text.	Align table with text.	Applied
63	DCEG	FR	3 Description of table format for feature and information types	After clause table	ed	"Remarks:" too close to the table outline.	add vertical space or blank line between clause template table and "Remarks:"	Applied
64	DCEG	FR	4.3 Maximum and minimum display scales	Table 4.1 - Maximum and minimum display scale values (from S-101 DCEG)	ed	minimum display scale: Why is "empty (null)" striked through?	The answer has something to do with 4.1.1, 4th remark. Can this be explained (possibly in the abovementioned remark), and something more explicit used instead of an "empty (null)" in strikethrough ?	Explanation is already in the sentence before the table, has been extended with explicit mention of strike-through.
65	DCEG	FR	4.4 to 14.1	INT 1 Reference	ed	Why "--" (double dash/hyphen) in "INT 1 Reference: --"? There are 41 instances of this vs 1 instance of "INT 1 Reference:" (nothing) (plus 2 with actual references, not counting the template instance)	Uniformise by consistently choosing between "—" and "" (nothing) across the document/component.	"INT 1 reference" I automatically generated by the IHO toolkit. Have added "--" where it was missing.
66	DCEG	FR	5.2 to 12.5	Feature/Information associations	ed	"Association Name", "Mult" (2 instances in each table) are split over 2 lines.	Adjust rows' width to avoid "Association Name", "Mult" (2 instances in each table), or "Type", being split	Not possible to avoid splitting everywhere, given limited table width and longer names. Have tweaked styles but it helps only a little. This is one reason I was asking about having UML diagrams instead of listing the attributes and bindings.

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								Since the IHO tools will probably change the structure of this section of the tables anyway, this is not worth pursuing further for Edition 1.0.
67	DCEG	FR	5.2 to 12.5	Feature/Information associations	ed	Some instances of "Asso" for "association", "Aggr" for "aggregation", "Comp" for "composition", whereas the template's possible values are "association", "aggregation", "composition".	"Asso" → "association" "Aggr" → "aggregation" "Comp" → "composition" For each such occurrence	Applied
68	DCEG	FR	5.3 Organization Contact Area	Section title	RG	"5.3 Organization Contact Area" (US-En)	to be kept with its "z", as it refers to the feature OrganizationContactArea? I understand the standard on its technical side is in US English whereas the documentation is in British English (?)	In registry. These section titles and the "feature tables" they contain are automatically generated by S-100 tools.
69	DCEG	FR	6.1 Introduction	1st line	ed	"terminal" (singular, though harbours may have more than one terminal)	→"terminals" Or →"terminal(s)"	Applied
70	DCEG	FR	6.1 Introduction	penultimate paragraph	ed	first line: "Different sections may under the immediate control of different organizations or served by different operators." (verb lacking). Insert "be"	→"Different sections may be under the immediate control of different organizations or served by different operators."	Applied
71	DCEG	FR	6.8 Harbour Area (Administrative)	Remarks	ed	1st item/paragraph, end of 2nd line: "When this is done, the headline sub-attribute of textContent should indicate" (typo "ot" --> "of")	→ "When this is done, the headline sub-attribute of textContent should indicate"	Applied
72	DCEG	FR	6.8 Harbour Area (Administrative)	Remarks	ed	6th item/paragraph, 2nd line: "The attributes [...] should be populated so that together they provide a complete overview" ("the" --> "they")	→ "The attributes [...] should be populated so that together they provide a complete overview"	Applied

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0	1	2	(3)	4	5	(6)	(7)	
No.	Component (PS, FC, etc.)	CO ¹	Clause No./ Subclause No./ Annex / Type name (e.g. 3.1, Berth)	Paragraph/ Figure/Table/Note/Attribute/Element/Value (e.g. Table 1, fileName)	Type of comment ²	Comment (justification for change) by the CO ³	Proposed change by the CO	Secretariat observations on each comment submitted
73	DCEG	FR	6.11 Mooring/Warpi ng Facility	Line after"ECDIS Symbol"	ed	"Typ/ /e" (split over 2 lines)	adjust the width of the table rows to avoid "Type" being split	Applied
74	DCEG	FR	6.13 Pilot Boarding Place	Under 6.13.1 General	ed	end of ultimate (3rd) paragraph: "." (period) missing.	Add period.	Applied
75	DCEG	FR	6.16 Turning Basin	6.17.1 General	ed	line 2: "organizing"	→ "organising" ?	Applied in 6.17.1
76	DCEG	FR	7.4 Gridiron	7.3.1 General	ed	"7.4.1 General (Reserved)": do we expect specific text here? Or should we specify (as in 13.1.1) "[Reserved for development in a future edition.]" instead ?	→ "[Reserved for development in a future edition.]"	Standardized on "(Reserved)"
77	DCEG	FR	9.2 Information Type	IHO Definition	ed, ge	"Generalized"	→ "Generalised" I understand this (and other IHO Definition)s are copies from the register. All corrections under "IHO Definitions" in this component (and the others components of the standard) should be propagated into the register.	In registry
78	DCEG	FR	9.2 Information Type	IHO Definition	ed, ge	"IHO Definition: Generalized information type which carries all the common attributes" (final period lacking; this is the case for a number of IHO Definitions	Add period (and propagate to the IHO Definitions register)	Applied
79	DCEG	FR	9.3 AbstractRxN	Feature/Infor mation associations	ed	Why text in red?	Unless there is a good reason to do so, put text in black characters.	Applied
80	DCEG	FR	10.1 Introduction	1st paragraph	ed	line 4: "textContent/graphic"	→ "textContent or graphic" for clarity ?	Applied
81	DCEG	FR	11 Services, Organisations,	11.2 Authority To	ed	Section numbering not coherent after 11.2 Authority: "11.3 General": Should be "11.2.1 General"	"11.3 General" → "11.2.1 General" "11.4 Contact details" → "11.3 Contact details"	Applied. Added "General" clauses in Non-

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			and Work Schedules	11.8 Available Port Services		"11.4 Contact details": Should be "11.3 Contact details" "11.5 General": Should be "11.3.1 General" "11.6 Service Hours": Should be "11.4 Service Hours" "11.6.1 General": Should be "11.4.1 General"	"11.5 General" → "11.3.1 General" "11.6 Service Hours" → "11.4 Service Hours" "11.6.1 General" → "11.4.1 General"	Standard Working Day and Available Port services.
82	DCEG	FR			ED	"11.7 Non-Standard Working Day": Should be "11.5 Non-Standard Working Day" "11.8 Available Port Services": Should be "11.6 Available Port Services"	"11.7 Non-Standard Working Day" → "11.5 Non-Standard Working Day" "11.8 Available Port Services" → "11.6 Available Port Services"	Applied
83	DCEG	FR	11.6 Service Hours	Feature/Information associations	ed	"Mul/ /t" (split over two lines)	adjust the width of the table rows to avoid "Mult" being split (2 instances)	In general, avoiding splitting is not possible given margins, table content, and request to fit within margins.
84	DCEG	FR	12.4.2 Capturing the permissibility or otherwise of a geographic feature for specified kinds of vessels	penultimate paragraph	ed	penultimate line: "[...] kind of vessels in an Applicability and create a linking [...]" ("Applicability" should be in bold fonts)	bold "Applicability"	Applied
85	DCEG	FR	12.5 Applicability	Feature/Information associations	ed	"Associatio/ /n Name" and "Mul/ /t" are split	adjust the width of the table rows to avoid "Association Name" and "Mult" (2 instances) being split	Not possible, see earlier comment.
86	DCEG	FR	13.1 Entrance	13.1.1 General	ed	"13.1.1 General [Reserved for development in a future edition.]"	will the redaction of this section be deferred to after edition 1.0.0? What is expected that can't be written now?	Experience with S-131 data is needed. Defer to next edition.
87	DCEG	FR	15.2, 5.3,	Remarks	ed	"•No remarks" useless. Moreover there are instances where "Remarks" is just empty.	Uniformise: delete all instances "•No remarks" in "Remarks"	S-100 toolkit issue.

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			15.5 to 15.10, 15.12, 15.14 to 15.21					
88	DCEG	FR	15.9 Related organisation	IHO Definition	RG	"IHO Definition: Related Organisation"	this is a "self-defined definition". Should be rephrased and new definition propagated to IHO Definitions.	In registry
89	DCEG	FR	15.9 Related organisation	title	RG	"organisation" missing capital letter in "15.9 Related organisation"	Capital "O" in "organization"	In registry
90	DCEG	FR	15.9 Related organisation	IHO Definition	RG	No "." (period) at end of definition.	Add period (and propagate into IHO Definitions)	In registry
91	DCEG	FR	15.10 to 15.21	title	ed, ge	there seems to be no spacing between "15.10" and "Service Contact" This is a general problem for all section titles of the form X.XX (more than 2 figures after the point)	Use a tabulation (or other kind of sufficient spacing) between section numbers and section titles	Style updated
92	DCEG	FR	15.10, 15.11, 16.3, 16.4 to 16.7, 16.9, 16.10, 16.21, 16.28, 16.29, 16.34 to 16.39, 16.41	IHO Definition	RG	There is no "." (period) at end of IHO Definition	Add period (and propagate into IHO Definitions)	In registry? Spot-checked FC validation with registry produced no difference there.
93	DCEG	FR	15.11 Service Control	Remarks	RG	No "." (period) at the end of the last sentence	Add period	Registry
94	DCEG	FR	16.1-16.41	title	RG	Ensure consistency of section titling (up to now it is: capital letters for names, verbs and adjectives, and first Letter of section. We should stick to it.)	→ 16.3 The Applicable RxN → 16.4 Applies in Location → 16.5 Authority (Reference) → 16.6 Authority Service Hours → 16.7 Contact Details (Reference) → 16.9 Control Authority → 16.10 Controlled Service	Registry

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							→ 16.16 Entrance to → 16.20 Information Provided for → 16.21 Is Applicable to → 16.24 Location Service Hours → 16.28 Partial Working Day → 16.32 Provides information → 16.34 The Information → 16.35 The Organisation → 16.37 Service Hours (Reference) → 16.38 The Service Hours for a Non-Standard Workday → 16.39 Service Place → 16.41 Vessel Location	
95	DCEG	FR	16.7 Contact details (reference)	IHO Definition	RG	"A pointer to an Contact Details object" ("an" --> "a")	"A pointer to a ContactDetails object"	Registry
96	DCEG	FR	16.7 Contact details (reference)	IHO Definition	RG	"A pointer to an Contact Details object"	Must we not use "ContactDetails" as the object for contact details is ContactDetails?	Registry
97	DCEG	FR	16.9 Control authority	IHO Definition	RG	"organization" (note we do have "organisation" in the subsequent definition)	→ "organisation" (uniformise into GB-en spelling?)	Registry
98	DCEG	FR	16.11 Defined for	IHO Definition	RG	"A pointer to a specific spatial type(s)"	→ "A pointer to a specific spatial type or specific spatial types" Or → "A pointer to one or more specific spatial types" (propagate into IHO Definitions)	Registry
99	DCEG	FR	16.2 to 16.7, 16.9, 16.10	IHO Definition	RG	No "." (period) at end of definition.	Add period (and propagate into IHO Definitions)	Registry

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			16.21, 16.28, 16.29, 16.34 to 16.39, 16.41					
100	DCEG	FR	16.20 Information provided for	IHO Definition	RG	"A pointer to a specific feature(s) for which further information is required"	→ "A pointer to a specific feature or specific features for which further information is required"	Registry
101	DCEG	FR	17.10 to 17.13	title	ed	spacing between section number and section title is too thin.	Insert tabulation or other to add space.	Style updated
102	DCEG	FR	17.13 Cardinal Direction	IHO Definition	RG	There is no spacing before and after "-" (dash/hyphen) for some cardinal directions, namely: North, East-Northeast, East, East Southeast, Southeast, South Southeast, South, South Southwest, South Southwest, West Southwest, West, West Northwest.	"-" → " - " (insert whitespace before and after dash)	Registry
103	DCEG	FR	17.13 Cardinal Direction	IHO Definition	ed	some cardinal direction values are bold some are not. Not in bold fonts: Northeast, East, Southeast, South, Southwest, West, Northwest.	Make all cardinal directions bold.	Artifact from IHO tools, will be reported to IHO
104	DCEG	FR	17.19 Category Of Dangerous Or Hazardous Cargo	IHO Definition	RG	some definitions for IMDG Code classes lack a "." (period). Namely, these are IHO Definition for: "2) IMDG Code Class 1 Div. 1.2" to "20) IMDG Code Class 9" [only item 1) and item 21) have a (final) "." (period)]	Add periods where needed.	Registry
105	DCEG	FR	17.24 to 17.26, 17.33	IHO Definition	ed	some values bold, some not.	→ In 17.24 Category of Relationship: put items 4)-6) in bold fonts, namely: "Recommended", "Required", "Not Required" → In 17.25 Category of Schedule: put item 2) in bold fonts, namely: "Closure" → In 17.26 Category of Temporal Variation: Put item 4) in bold fonts, namely: "Likely to Change"	Artifact from IHO tools

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No.	Component (PS, FC, etc.)	CO ¹	Clause No./ Subclause No./ Annex / Type name (e.g. 3.1, Berth)	Paragraph/ Figure/Table/Note/Attribute/Element/Value (e.g. Table 1, fileName)	Type of comment ²	Comment (justification for change) by the CO ³	Proposed change by the CO	Secretariat observations on each comment submitted
							→ In 17.33 Comparison Operator: put item 5) in bold fonts, namely: "Equal To"	
106	DCEG	FR	17.58 Horizontal Distance Uncertainty	Remarks	ed	Unnecessary (?) bullet points. These are not aligned. Last sentence lacks a "." (period).	remove bullet points and align the items. Append a period at the end of 2nd item.	Applied
107	DCEG	FR	Logical Connectives	IHO Definition	ed	"or only one such constraint need be satisfied" ("need" -> "needs")	→ "or only one such constraint needs be satisfied"	Registry; anyway, "need be" is the correct usage here.
108	DCEG	FR	17.66 Logical Connectives	Remarks	ed	Items/paragraphs in "Remarks" are not aligned	align the items in "Remarks" (2 nd to 4th need be aligned to first).	Applied
109	DCEG	FR	17.68 Maximum Display Scale	title	ed	"17.68 17.68 Maximum Display Scale" Redundant numbering.	Delete the first occurrence of "17.68"	Word file is correct, looks like an artifact of Word's PDF generator
110	DCEG	FR	17.68 Maximum Display Scale	Remarks	ed	indentation doesn't seem correct ("Maximum" and "This" at the beginning of items don't appear to be correctly aligned). Unnecessary bullet points	Align (indentation) and Remove bullet points.	Applied
111	DCEG	FR	17.68 Maximum Display Scale	Remarks	ed	"Maximum display scale provides a reference for the user selected viewing scale" ("user-selected")	→ "Maximum display scale provides a reference for the user-selected viewing scale"	Applied
112	DCEG	FR	17.68 Maximum Display Scale	Remarks	ed	"maximum display scale": capital "M"	check the use of upper/lower case for both occurrences of "maximum display scale".	Applied
113	DCEG	FR	17.70 Membership	IHO Definition	ed	IHO Definition for Included and Excluded both lack "." (period) at the end of the sentence.	Append periods where needed.	Applied
114	DCEG	FR	17.75 MMSI Code	IHO Definition	RG	"ship earth stations,coast stations"	insert " " (whitespace) between "stations," and "coast". Propagate in IHO Definitions	Registry

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No.	Component (PS, FC, etc.)	CO ¹	Clause No./ Subclause No./ Annex / Type name (e.g. 3.1, Berth)	Paragraph/ Figure/Table/Note/Attribute/Element/Value (e.g. Table 1, fileName)	Type of comment ²	Comment (justification for change) by the CO ³	Proposed change by the CO	Secretariat observations on each comment submitted
115	DCEG	FR	17.84 Pictorial Representation	Remarks	ed	1st line below "Remarks" seems slightly misaligned.	Align / check indentation	Applied
116	DCEG	FR	17.85 Picture Caption	IHO Definition	ed	Period missing.	append "." (period) at the end of the line. Propagate into IHO Definitions (register)	Applied
117	DCEG	FR	17.88 Postal code	title	ed	"Postal code" (capital "C" ?)	→ "Postal Code" ("code" → "Code")	Applied
118	DCEG	FR	17.89 Product	IHO Definition (1 st)	ed	"stored" appears with its "ore" bolded.	De-bold.	Artifact from IHO tools
119	DCEG	FR	17.89 Product	IHO definition	ed	"6) Ore" not bold	Bold "ore"	Artifact from IHO tools
120	DCEG	FR	17.89 Product	IHO definition	ed	"14) Sand": "grains" appear with "grain" bolded. Is it because "grain" is defined (item 22) in the list? Note that the definition of "22) grain" doesn't match the use of grain in sand. De-bold	Note that the definition of "22) grain" doesn't match the use of grain in sand. 'agricultural product, vs mineral product). De-bold.	Artifact from IHO tools
121	DCEG	FR	17.89 Product	IHO definition	ed	item "22) Grain": "Grain" should be in bold fonts.	Bold fonts for "Grain"	Artifact from IHO tools
122	DCEG	FR	17.90 Protocol	IHO definition	RG	example: "http get KVP", http POST"	→ "http GET, http POST" (upper case for "GET") Moreover, "KVP" standing for "Key-Value Pair" can be dropped.	Registry
123	DCEG	FR	17.91 Protocol request	title	ed	"17.91 Protocol request" capital "R3"	→ "17.91 Protocol Request" ("request" → "Request")	Applied
124	DCEG	FR	17.92 Quality of Horizontal Measurement	IHO Definition	RG	for "2) Unsurveyed": "Survey data is does not exist" (remove "is")	→ "Survey data does not exist"	Registry
125	DCEG	FR	17.94 Repair Service	IHO Definition	RG	3) Bridge Equipment Repair: "Repairs to equipment installed on the ship's bridge." Missing "u" in "equipment"	→ "Repairs to equipment installed on the ship's bridge." ("equipment" --> "equipment") Like all corrections to IHO Definitions, propagate in register.	Registry

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S-131 Feedback

0	1	2	(3)	4	5	(6)	(7)	
No.	Component (PS, FC, etc.)	CO ¹	Clause No./ Subclause No./ Annex / Type name (e.g. 3.1, Berth)	Paragraph/ Figure/Table/Note/Attribute/Element/Value (e.g. Table 1, fileName)	Type of comment ²	Comment (justification for change) by the CO ³	Proposed change by the CO	Secretariat observations on each comment submitted
126	DCEG	FR	17.97 Scale Minimum	Remarks	ed	Strikethrough (4th "Remarks" item)	remove strikethrough lines and explanation justifying the strikethrough	Applied
127	DCEG	FR	17.106 Technical Port Service	IHO Definition	RG	"Compensation of Magnetic Compass", "Degaussing": "Neutralization"	→ "Neutralisation"? *****	Registry
128	DCEG	FR	17.107 Telecommunication Carrier	IHO Definition	RG	"land line based, shore based or satellite based radio connections" (hyphens missing)	→ "landline-based, shore-based or satellite-based radio connections"	Registry
129	DCEG	FR	17.118 Uncertainty Fixed	Remarks	ed	Period missing	append final "." (period).	Applied
130	DCEG	FR	17.122 Vertical Datum	IHO Definition	ed	5) Mean Low Water 9) Low Water Springs 12) Mean Lower Low Water 13) Low Water 14) Approximate Mean Low Water 18) High Water 20) High Water Springs 23) Lowest Astronomical Tide 26) Mean Water Level Are not in bold fonts	→Bold for: 5) Mean Low Water 9) Low Water Springs 12) Mean Lower Low Water 13) Low Water 14) Approximate Mean Low Water 18) High Water 20) High Water Springs 23) Lowest Astronomical Tide 26) Mean Water Level	Artifact from IHO tools
131	DCEG	FR	17.127 Waste Disposal Service	IHO Definition	RG	Periods missing from 12) MARPOL Annex V Plastics to 22) MARPOL Annex V Cargo Residues - HME	append final "." (period) at end of all IHO Definitions from 12) MARPOL Annex V Plastics to 22) MARPOL Annex V Cargo Residues – HME (propagate	Registry

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No.	Component (PS, FC, etc.)	CO ¹	Clause No./ Subclause No./ Annex / Type name (e.g. 3.1, Berth)	Paragraph/ Figure/Table/Note/Attribute/Element/Value (e.g. Table 1, fileName)	Type of comment ²	Comment (justification for change) by the CO ³	Proposed change by the CO	Secretariat observations on each comment submitted
132	DCEG	FR	17.128 Action or Activity	IHO Definition	ed	Period missing for "4) Berthing"	append final "." (period) at end of IHO Definition for "4) Berthing". Propagate into register	Applied
133	DCEG	FR	17.130 Category of Vessel	IHO Definition	ed	Period missing.	append final "." (period) at end of IHO Definition for: 2) Container Carrier	Applied
134	DCEG	FR	17.130 Category of Vessel	IHO Definition	ed	"Tug and Tow" not in bold fonts	Bold for: 12) Tug and Tow	Artifact from IHO tools
135	DCEG	FR	17.131 Security-Safety-Emergency Service	IHO Definition	RG	1) Coast Guard; "Organization"	→ "Organisation"?	Registry
136	DCEG	FR	18.4 Contact address	title	ed	"Contact address" (capital "A")	→ "Contact Address"	Applied
137	DCEG	FR	18.10 to 18.33	title	ed	spacing too thin between section number and section title.	Insert spacing or tabs	Styles updated
138	DCEG	FR	18.8 Fixed date range	title	ed	"18.8 Fixed date range" (capital "R")	→ "18.8 Fixed Date Range"	Applied
139	DCEG	FR	18.9 Frequency pair	title	Ed	"18.9 Frequency pair" (capital "P")	→ "18.9 Frequency Pair"	applied
140	DCEG	FR	18.29 Time Intervals by Day of Week	Remarks	Ed	For : "Day of Week", "Day of Week is Range", "Time of Day Start", "Time of Day End"	"Day of Week", "Day of Week is Range", "Time of Day Start", "Time of Day End" with capital initial letter?	No, this text is taken from the S-101 DCEG where they are not capitalised.
141	PS	FR	1.4.2 Terms and definitions	"Data Type" definition:	Ed	"EXAMPLES: Integer, Real, Boolean, String, DirectPosition and Date" Append "." (period).	→ "EXAMPLES: Integer, Real, Boolean, String, DirectPosition and Date."	Applied

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142	PS	FR	1.4.2 Terms and definitions	"Relationship" definition:	Ed	in "NOTE": "generalization"	→ "generalisation"?	Applied
143	PS	FR	4.1 Introduction	1st paragraph:	Ed	US-En vs GB-En	"realized" --> "realised"? "realize" --> "realise"?	Applied
144	PS	FR	4.1 Introduction	Figure 4.1 - Realizations from the S-100 General Feature Model	Ed	"Figure 4.1 - Realizations from the S-100 General Feature Model" US-En vs GB-En	→ "Figure 4.1 Realisations from the S-100 General Feature Model"?	Applied
145	PS	FR	Most of document	Figure 4.1 to Figure 14.1 And tables	ed, ge	There is a dash between the figure number and its title there tends to be none in the other documents, and its presence is not consistent across the present document. The same applies to table titles and numbers	Drop dashes in Figure titles. Same for tables.	Rejected, using dash in all captions.
146	PS	FR	Whole document	Figure 4.1 to Figure 14.1	Ed	The resolution of most figures isn't optimal	improve resolution/quality of image (vectorise?)	Have updated figures with higher resolution images, but given that that some of them are quite complex, perfection cannot be expected.
147	PS	FR	4.2.1.1 Overview of domain features and information types	2nd paragraph	Ed	"In addition, the OrganizationContactArea/SupervisedArea hierarchy used in other domain models for nautical publications are used as upper-level generalizations." ("generalizations" --> "generalisations"; keep "OrganizationContactArea" as is, as it is a class name. "US-Eng for tech, UK-Eng for text")	→ "In addition, the OrganizationContactArea/SupervisedArea hierarchy used in other domain models for nautical publications are used as upper-level generalisations"?	Applied
148	PS	FR	4.2.1.7 Supervising	title	Ed	"organizations"	→ "organisations"?	Applied

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			organizations and their service hours					
149	PS	FR	4.2.1.7 Supervising organizations and their service hours	1st paragraph	Ed	1st line: "an associated organization"	→ "an associated organisation"?	Applied
150	PS	FR	4.2.1.9 Regulations applying only to vessels with specific characteristics or cargoes	paragraph 5	Ed	penultimate line: "Multiple instances of Applicability associated to the same feature" bold "Applicability"	Bold fonts for "Applicability"	Applied
151	PS	FR	4.2.1.9 Regulations applying only to vessels with specific characteristics or cargoes	2d paragraph	Ed	after Figure Figure 4.16 (Vessel subsets characterised by cargo, etc.): and in both last paragraphs just before Figure 4.17 - Applicability of rules, etc.: "characterize" (3 instances)	→ "characterise"?	Applied
152	PS	FR	4.2.1.10 Other uncategorized supplementary information	Title, and 2nd line, 1st paragraph	Ed	"uncategorized"	→ "uncategorised"?	Applied
153	PS	FR	4.2.1.10 Other uncategorized supplementary information	1 st paragraph	Ed	last line of 1st paragraph: "See Figure 4.18.."	→ "See Figure 4.18." Drop the superfluous occurrence of "." (period)	Applied

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154	PS	FR	4.2.1.10 Other uncategorized supplementary information	Figure 4.18 - Attachment of uncategorizable information to any feature or information type	Ed	in Figure title "uncategorizable"	→ "uncategorisable"?	Applied
155	PS	FR	4.2.1.12 Feature relationships	1st paragraph	Ed	"characterized"	→ "characterised"?	Applied
156	PS	FR	4.2.4 Cartographic Features	1st paragraph	Ed	begining of 1st paragraph: "S-131 utilizes"	→ "S-131 utilises"?	Applied
157	PS	FR	5.2.1 Geographic	1st paragraph	Ed	"Geographic (geo) feature types carries"	→ "Geographic (geo) feature types carry"	Applied
158	PS	FR	5.5.1 Simple attributes	Table 5-1 – Simple attribute types	Ed	column "Definition": period missing	append a "." (period) at the end of the definitions of Boolean, Integer, Real, Enumeration.	Applied
159	PS	FR	5.6 Units of measure	enumeration	Ed	Orientation is given in decimal degrees • Radio frequency is given in hertz • Uncertainty is given in metres • Distances are given in metres or nautical miles • Depths are given in metres.	in the enumeration, add a "," (comma) or a ";" (semicolon) at the end of each item (except the last one)	Applied
160	PS	FR	7.3.3 Coordinate encoding in spatial primitives	paragraph 2	Ed	Line 2: "http://www.opengis.net/def/crs/EPSSG/0/4326" (Quote S-100 Ed.5.0.0 10b-11.7.)." Remove "" (quotation mark) at the end of the URL; also remove ". " (period and subsequent spacing) in parentheses.	→ "http://www.opengis.net/def/crs/EPSSG/0/4326" (Quote S-100 Ed.5.0.0 10b-11.7)."	applied

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161	PS	FR	8.2 Quality measure elements	Table 8.1 - Quality measure elements	Ed	column "Scope in S-131": add final. Period missing for table lines #1-12,16,18-20. Superfluous occurrence of period in table line #14.	column "Scope in S-131": add final "." (period) for table lines #1-12,16,18-20. remove superfluous occurrence of "." (period) for table line #14.	Applied
162	PS	FR	8.2 Quality measure elements	Table 8.1 - Quality measure elements	ed	column "Scope in S-131", line #15: "objects (put uppercase "O")	→ "Object"	Applied
163	PS	FR	8.2 Quality measure elements	Table 8.1 - Quality measure elements	Ed	column "DQ measure / description ", line #18: "For example, if there are 1 items that are classified incorrectly " (plural to singular for verb)	→ "For example, if there is 1 item that is classified incorrectly "	Applied
164	PS	FR	11.2 Portrayal Catalogue	Table 11.1 - S-131 Portrayal Catalogue	Ed	6 occurrences of "--" (double dash): shouldn't we use a more explicit notation?	Substitute with "none", "NA" or "" (void)?	No, this is obvious given that the topmost entry in the "No." column is also a double dash.
165	PS	FR	11.4 Schedules	Table 11.2 - General layout of schedules display	Ed	1st column: "Normal, Closed, Unmanned OR other: abcde"	I don't understand "abcde".	Clarification added in footnote
166	PS	FR	12.1 Format specification	Table 12.1 - Format specification information	Ed	"Value" column, "Character set" row: "utf8" capital letters for the acronym. Moreover the abovementioned acronym has an hyphen.	→"UTF-8"	Applied
167	PS	FR	12.2 Encoding of latitude and longitude	2nd item (bullet point)	Ed	"The decimal point must be indicated by the "." character." Replace "point" with "separator".	→ "The decimal separator must be indicated by the "." character."	Only in the second bullet point? There are 4 occurrences in 12.2 and 1 in 12.4. Have changed all 5.

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168	PS	FR	12.14 Content of update datasets	3rd paragraph	Ed	"Spatial objects that are not inline [...] is treated like any other object, i.e., it needs to be updated if and only if the primitive has changed" "is treated" --> "are treated" "it needs" --> "they need"	→ "Spatial objects that are not inline [...] are treated like any other object, i.e., they need to be updated if and only if the primitive has changed"	Applied
169	PS	FR	13.3.1 Types of Datasets	Table 13.1 - Types of datasets	ED	column "Encoding Format", rows 1-3: periods missing	column "Encoding Format", rows 1-3: append "." (period).	Applied
170	PS	FR	13.3.2 Dataset file naming	last bullet point	ED	"The maximum length of the file name must be 64 characters including the extension and its preceding '.' character." There is a mix of single and double quotation marks. (change quotation marks in ".'" into "'".")	→ "The maximum length of the file name must be 64 characters including the extension and its preceding "." character."	Applied
171	PS	FR	13.4.1 Support File Naming	1st paragraph	ED	"(that is new, replacement and deletion)" Insert colon between "is" and "new"	→ "(that is: new, replacement and deletion)"	Added comma (sic), which is more common usage
172	PS	FR	13.4.2 Support file management	Last paragraph	ED	"producers": in previous paragraphs it was "Producer" (capital "P").	Uniformise.	Now Producer
173	PS	FR	14.1 Introduction	penultimate paragraph	ED	"The generic S-100 schemas distribution includes a similar implementation of "sanity checks" and S-100 constraints However, neither S-100 not S-131 mandate use of Schematron processors or the distributed Schematron rule files in implementations." Add a period between "constraints" and "However".	--> "The generic S-100 schemas distribution includes a similar implementation of "sanity checks" and S-100 constraints. However, neither S-100 not S-131 mandate use of Schematron processors or the distributed Schematron rule files in implementations."	Applied

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174	PS	FR	Whole document	titles	ED	Somme section titles have only the 1 st letter uppercase, some have the first letter of every "meaningful/important" word....	Check the use of capital letters in section titles	Done; level 1 titles capitalize significant words; significant terms in the s-100 context continue to be capitalized even at lower levels ("Data Coverage", because it refers to a specific feature type).
175	PS	FR	14.1 Introduction	last paragraph	ED	"producer": in previous paragraphs it was "Producer" (capital "P").	→ "Producer" (or the reverse everywhere; uniformise)	Producer
176	PS	FR	14.2 Discovery metadata	Figure 14.2 - Details of exchange set catalogue classes. (Derived from S-100 Figure 17-7.)	ED	Figure is not legible (far too small).	Maybe we should consider rotating the figure into landscape, full page; It might suffice to make it legible.	S-100 has a landscape version, which looks about the same. Have rearranged diagram, it looks a little better now.
177	PS	FR	14.2 Discovery metadata	Last paragraph	ED	Last line: why is "red" in red (or why not "bold" in bold, or "red bolt" in red bolt font)?	Unless there is a good reason, put "red" in black	Now normal color
178	PS	FR	14.2.1 S100_ExchangeCatalogue	1 st paragraph	ED	"The Catalogue file is defined in XML Schema language. The Exchange Catalogue inherits [...]" Is there a superfluous whitespace between "language." and "The Exchange" ?	If so, remove extra spacing	Applied
179	PS	FR	14.2.1-14.2.5.5	Unnumbered tables	ed, ge	Periods missing (in columns "Description" and "Remarks")	in tables, consider putting a "." (period) where there are sentences.	Rejected. The same tables in S-100 do not have periods there.

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180	PS	FR	14.2.1 S100_ExchangeCatalogue	Unnumbered table	ed	row "otherLocale", columns "Description" and "Remarks": "localized" (US-En)	→ "localised"?	Rejected, same spelling as S-100.
181	PS	FR	14.2.1.2 S100_CataloguePointOfContact	Unnumbered table	ed	row with Name=organization. Keep "organization" in column "Name" (as it is the name of the attribute), but "organization" --> "organisation" in column "Description"?	"organization" → "organization" (ok) in "Name" → "organisation" in column "Description"? (There is officially a "Z" in IHO, though)	Rejected, same spelling as S-100.
182	PS	FR	14.2.1.2 S100_CataloguePointOfContact	Unnumbered table	ed	row "address": "organization"	→ "organisation" in column "Description". (as above)	Rejected, same spelling as S-100.
183	PS	FR	Whole document	Section titles, table titles, figure titles	ge	uniformise the use of capital letters in the titles of sections, tables, figures. example: "4.2.3 Spatial Quality Information Type" or "4.2.3 Spatial quality information type" ? The predominant use in this document seems to be the 2nd option whereas the 1st one seems to prevail in the annexes...	uniformise the use of capital letters in the titles of sections, tables, figures.	Repeats comment on previous page, see that row.
184	PS	FR	14.2.2 S100_DatasetDiscoveryMetadata	Unnumbered table	ed	last row, column "Remarks": "Format: PnYnMnDTnHnMnS" not clear to me.	Clarify?	Existing remark clarifies that it means the XML built-in type for ISO 8601 duration. No action.
185	PS	FR	14.2.2.7 S100_ComplianceCategory	title	ed	In the title itself: "14.2.2.7 S100_ComplianceCategory" the "l" of compliance is missing...	→ "14.2.2.7 S100_ComplianceCategory"	Applied
186	PS	FR	14.2.4 S100_CatalogueDiscoveryMetadata	Unnumbered table	TE	row with fileName=purpose, in "Remarks": only value=2 or 5.	(Is this correct?)	Yes, see S-100

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187	PS	FR	78 Language	1 st line	ed	superfluous whitespace between "English" and "Other"?	If so, remove extra whitespace.	Applied
188	PS	SJC	5.2.2	Paragraph under Figure 5.1	ED	(Regarding the agreed previous comment,) Figure 5.1 is already amended, but the related text under the figure is not amended accordingly.	Amend the related text under the figure to match the figure.	Obsolete text, removed.
189	DCEG	SJC	2.4.1	Table 2.2	ED	DCEG Table 2.2 Simple attribute types is inconsistent with PS Table 5-1 Simple attribute types. (Especially the format and examples of TIME.)	Correct the descriptions and improve the consistence of those two tables.	Examples for TIME have been updated. Note that the PS describes types in the Application Schema and Metadata while the DCEG describes data types in the Encoding Format, and the descriptions, while compatible, focus on different aspects and have different primary audiences.
190	(PS) DCEG	SJC	(1.4.2) 17.31	Communication channel	ED RG	PS 1.4.2 Example 1 of Feature attribute says: "A feature attribute named communication channel may have an attribute value VHF0007. " In DCEG 17.31 Communication Channel, it says that "The expected input is the specific VHF-Channel". According to GI registry and S-101 DCEG, the format/pattern is [xxxx], but the given examples are [VHF0007] for VHF-Channel 7; [NBDP5555] for Narrow Band Direct Printing Channel 5555	Clarify what exactly is the expected input format for the communicationChannel attribute in S-131 GML. For VHF channel 7, is it "[0007]" or "[VHF0007]" or "VHF0007" or "0007" ?	17.31 is automatically generated from the registry. PS 1.4.2 has been updated to remove the EXAMPLE 1 in question. The rest is a registry issue.
191	FC	SJC	3.115	Time of Day End	RG	The remarks imply the TIME format hhmss, i.e. the ISO 8601 basic representation, instead of the XML formats (including S-131) hh:mm:ss	Amend the remarks.	Registry issue

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192	FC	SJC	2.116	Time of Day Start	RG	The remarks imply the TIME format hhmss, i.e. the ISO 8601 basic representation, instead of the XML formats (including S-131) hh:mm:ss	Amend the remarks.	Registry issue
193	DCEG	SJC	2.4.10.4	Example of timeIntervalsByDayOfWeek	ED	The example to encode open hours of 8 a.m. to 12 noon and 1 p.m. to 5 p.m. ...uses the format hhmss for timeOfDayStart and timeOfDayEnd.	Use hh:mm:ss instead. It would be even better to use GML encoding for that example.	Assume this is about the "text" example, have applied it there. GML form is already provided for the first.
194	DCEG	SJC	2.5.1	Figure 2.2 & Example	ED	The Example and Figure 2.2 uses MilitaryPracticeArea, which is not an S-131 feature.	Replace MilitaryPracticeArea with a feature type of S-131	Example and figure have been deleted.
195	DCEG	SJC	2.5.3	1 st paragraph	ED	MilitaryPracticeArea is not an S-131 feature	Replace MilitaryPracticeArea with a feature type of S-131.	Text referring to MilitaryPracticeArea deleted.
196	DCEG	SJC	2.5.4.1	Figure 2.3 & Example	ED	The Example and Figure 2.3 uses RadioCallingInPoint, which is not an S-131 feature.	Replace RadioCallingInPoint with a feature type of S-131	Applied
197	DCEG	SJC	2.7.1	4 th paragraph	ED	The sentence seems incomplete, as compared with the corresponding one in S-101 DCEG.	Amend the sentence to be ended with: "in which case the national name should be populated in an additional iteration of the featureName with sub-attribute language populated with the relevant national language value in accordance with ISO 639-2/T."	Applied
198	PS	SJC	4.2.1.2	Figure 4.7 MooringWarpingFacility	te	MooringWarpingFacility feature in PS Figure 4.7 has 6 simple attributes including mooringFacilityIdentifier (integer) and idCode (text). DCEG and FC has only 5 (without mooringFacilityIdentifier). The idCode could be (and was originally proposed also to be) used as the gLNExtension. The extension component field of GLN is alphanumeric (1~20 characters)	1. Remove the mooringFacilityIdentifier attribute from the MooringWarpingFacility feature in PS Figure 4.7. 2. Rename/change the idCode attribute into gLNExtension. Amend DCEG 6.11.1 "The identifying number of the mooring/warping facility, if any, must be encoded in the idCode attribute." into "The identifier of the	mooringFacilityIdentifier removed from figure Checked UML model back to the original supplied by the S-131 modelling group and this feature does not have a glnExtension attribute, only

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							mooring/warping facility, if any, must be encoded in the gLNExtension attribute.	mooringFacilityId, which became idCode. All model revisions deferred to a future edition.
199	PS	SJC	4.2.1.2	Figure 4.7 HarbourAreaAdministrative	te	<p>The complex attribute generalHarbourInformation consists of 6 complex attribute types. It is only used in HarbourAreaAdministrative features.</p> <p>Being a feature type, HarbourAreaAdministrative features already have inherited complex attribute textContent.</p> <p>The generalPortDescription sub-attribute of generalHarbourInformation feature also contains texContent complex attribute, which in turn contains 2 sub-complex attributes information and onlineResource.</p> <p>Such multiple level of complex attributes seems unnecessary. It might also increase the risk of not being well supported by end user systems, e.g. ECDIS or GIS. Readability or cognition of such contents in pieces could be rather challenging to users.</p>	<ol style="list-style-type: none"> 1. Remove generalHarbourInformation, and let its sub-attributes become the attributes of HarbourAreaAdministrative features. 3. Consider also removing the generalPortDescription attribute from HarbourAreaAdministrative. generalPortDescription has only one attribute binding, texContent, which is already an inherited attribute of HarbourAreaAdministrative. There seems to be no clear distinction between those two textContent. 	<p>The matter of generalHarbourInformation was raised before (by me) and the change was not agreed.</p> <p>All model revisions deferred to a future edition.</p>
200	PS	SJC	4.2.1	Figure 4.2 onlineResource	te	<p>onlineResource is a sub-attribute of textContent, thus the attribute for all S-131 features. It could be very useful for digitalization. However, putting it inside textContent could pose limitation or confusion, for textContent refers to 'textual material' by definition.</p> <p>Besides, the intended use of some sub-attributes remains rather unclear, in particular applicationProfile and protocolRequest.</p>	<ol style="list-style-type: none"> 1. In DCEG, provide use cases/examples of encoding using sub-attributes of onlineResource. 2. Considering that protocolRequest is defined as "Request used to access the resource. Structure and content depend on the protocol and standard used by the online resource, such as Web Feature Service standard", use WFS as a test case/example to clarify the encoding of onlineResource. 	<p>No suggested text is provided. Deferred to a future edition.</p> <p>This type was derived from ISO 19115.</p> <p>Reviewer invited to draft content for a future edition.</p>

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						Isn't the protocol (e.g. http, https, ftp) already part of the URL(onlineResourceLinkageURL)?		
201	(PS) DCEG	SJC	(4.2.1.11) 6.8.1	(Figure 4.19 weatherResource) Remarks	te	The complex attribute weatherResource has onlineResource, dynamicResource and textContent sub-attributes. textContent has another onlineResource sub-attribute. DCEG says that: "at least one of onlineResource or textContent must be populated. If onlineResource is populated dynamicResource must be populated." It thus requires distinction between those two onlineResource attributes and special treatment/validation for the encoding of weatherResource.	1. Reconsider the use of onlineResource, as described in the previous comment. 2. If the onlineResource sub-attribute of textContent is considered only for textual material, not for linking dynamic resources or services. Introduce a new complex attribute onlineServiceResource instead of using the combination of onlineResource and dynamicResource.	1: See previous comment. 2: Model revision, defer to future edition.
202	PS	DE BSH	Page 16	Figure 4.7	ed	In Figure 4.7 several multiplicity missing [...] e.g. <Berth> uNlocationCode <MooringWarpingFacility> mooringFacilityIdentifier, idCcode	Add missing entries	"Missing" attribute multiplicity means [1], this is also the convention in ISO models. No action.
203	PS	DE BSH	Page 17	Figure 4.8	ed	In Figure 4.8 several multiplicity missing [...] e.g. DryDock, FloatingDock, GridIron + sillDepth: Real	Add missing entries	"Missing" attribute multiplicity means [1]. No action.
204	PS	DE BSH	Page 18	Figure 4.9	ed	securitySafetyEmergencyService Wrong writing of Emergency	Change to securitySafetyEmergencyService	Applied
205	PS	DE BSH	Page 18	Figure 4.9	TE	Compensation of Magnetic Compass is used in two enumeration: repairService and technicalPortService	Consider if necessary to duplicate the enumeration value or to delete in one of the enumeration	Model revision, postpone consideration to future edition.

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206	PS	DE BSH	Page 21	Figure 4.12	ed	In Figure 4.12 multiplicity missing [...] telecommunications +telecommunicationIdentifier: text	Add missing entry	"Missing" attribute multiplicity means [1]. No action.
207	PS	DE BSH	Page 26	Figure 4.16	ed	In Figure 4.16 multiplicity missing [...] vesselsMeasurements	Add missing entry	"Missing" attribute multiplicity means [1]. No action.
208	PS	DE BSH	Page 27	Figure 4.17	ed	Values of Applicability are not completely readable	Maximize Applicability	Applied; had to rearrange diagram
209	PS	DE BSH	Page 27	Figure 4.17	ed	<<enumeration>> membership are not completely readable	Maximize membership	Applied; had to rearrange diagram
210	PS	DE BSH	Page 27	Figure 4.17	ed	In Figure 4.17 multiplicity missing [...] vesselsMeasurements	Add missing entry	"Missing" attribute multiplicity means [1]. No action.
211	PS	DE BSH	Page 31	Figure 4.21	ed	In Figure 4.21 several multiplicity missing [...]	Add missing entry	"Missing" attribute multiplicity means [1]. No action.
212	PS	DE BSH	Page 31	Figure 4.22	ed	In Figure 4.22 several multiplicity missing [...]	Add missing entry	"Missing" attribute multiplicity means [1]. No action.
213	PS	DE BSH	Page 32	Figure 4.23	ed	In Figure 4.23 several multiplicity missing [...] See TextPlacement	Add missing entry	"Missing" attribute multiplicity means [1]. No action.
214	Schem a	DE BSH	S131:Berth		te	<S131:Berth gml:id="DE.BHV.B.01"> ... <S131:availableBerthingLength>370</S131:availableB erthingLength> Why is in this case above no link to <Applicability>?		Clarified by email. Binding to Applicability/permission

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No.	Component (PS, FC, etc.)	CO ¹	Clause No./ Subclause No./ Annex / Type name (e.g. 3.1, Berth)	Paragraph/ Figure/Table/N ote/Attribute/E lement/Value (e.g. Table 1, fileName)	Type of com- ment ²	Comment (justification for change) by the CO ³	Proposed change by the CO	Secretariat observations on each comment submitted
								is inherited. No action necessary.
215	Schem a	DE BSH	all		te	Why changing attributes like featureName to S131:featureName (with namespace) Difference to S-123, S-127 or is the intention to change it everywhere?		There is no convention defined for the use of namespace prefixes. The change is easily made in the S-131 XML schema but unless there is general agreement on it I plan to leave it as it is, since I don't know what effect it will have on other implementors especially the IHOLab S-131 project (there is no comment from anyone else about this). Standardizing use or non-use of namespaces should be added to the list of issues in my "GML way forward" slide deck.
216	?	DE BSH	Page 40	8.3	ed	Conformance to established maintenance processes (see Clause X.X)		Changed to (see Clause 10)

1 CO = Contributing Organisation (HOs should use 2 character codes e.g. FR AU etc.)

2 Type of comment: ge = general te = technical ed = editorial rg = stemming from GI Registry

3 Whilst not compulsory, comments are more likely to be accepted if accompanied by a proposed change.

NOTE Columns 1, 2, 4, 5 are compulsory.