

ISO DIS 19901 - 3 Topsides

20 January 2008

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Sorted on status and action party

Panel Convenor

ID	Clause	Location	Country	Status
101	0 All	General	UK	Panel Convenor

Comment There are a large number of very basic typographical errors that distract from the ability to review this document. It appears that this standard has been rushed out for review before it has been internally checked. Several corrections are suggested in the following, but they became too numerous to be listed.

Proposed

Reply

ID	Clause	Location	Country	Status
406	0 Contents		NL	Panel Convenor

Comment Adjust titles and numbering to conform with modifications made to titles/numbers of (sub)clauses, as appropriate.

Proposed

Reply

ID	Clause	Location	Country	Status
104	0 Contents	8.5 and A8.5	UK	Panel Convenor

Comment Delete or heliports

Proposed

Reply

ID	Clause	Location	Country	Status
407	0 Foreword		NL	Panel Convenor

Comment The Foreword needs updating:
- correct title of ISO/TC 67;
- Part 6, ISO 19901-6, has progressed/is progressing to the FDIS stage;
- ISO 19904-2, 19905-1, 19905-2 and 19906 need footnotes saying "under preparation".

Proposed

Reply

ID	Clause	Location	Country	Status
402	0 General		NL	Panel Convenor

Comment Proposed amendments to the important Clauses 7 + A.7 and 8 + A.8, together with the reasons why, do not fit the format of this table. They are given in a separate WORD document, using track changes, which is attached as section 2 at the end of the table.

Proposed

Reply

ID	Clause	Location	Country	Status
701	0 General		FR	Panel Convenor

Comment "Galvanic corrosion", "anodic corrosion" and "differential corrosion" seem to be used to describe the same type of corrosion phenomenon in different chapters.

Proposed Use only one name, for instance galvanic corrosion, throughout the ISO instead of changing the name or define these 3 terms in chapter 3 "Terms and definitions".

Reply

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ID	Clause	Location	Country	Status
702	0 General		FR	Panel Convenor

Comment "Corrosion allowance", "corrosion thickness" and "added steel thickness" are all terminologies used to describe corrosion allowance.

Proposed Use one of the names or define these 3 terms in chapter 3.

Reply

ID	Clause	Location	Country	Status
403	0 General	throughout	NL	Panel Convenor

Comment Consistency of terminology. The term "substructure" is not commonly used in the 19900 series. It should be changed to the neutral term "support structure", which is equally applicable to fixed and floating structures.

Proposed Change "substructure" to "support structure".

Reply

ID	Clause	Location	Country	Status
404	0 General	throughout	NL	Panel Convenor

Comment Consistency of spelling with e.g. ISO 19902.

Proposed Change "load-out" and "load out" (two words) to "loadout" (one word, without hyphen).

Reply

ID	Clause	Location	Country	Status
405	0 General	throughout	NL	Panel Convenor

Comment Consistency of usage: both "elasto-plastic" and "elastic-plastic" occur in the document.

Proposed Adopt one of the options and change the other.

Reply

ID	Clause	Location	Country	Status
107	0 Introduction	Para 2 line 2	UK	Panel Convenor

Comment After elements, add materials and

Proposed

Reply

ID	Clause	Location	Country	Status
108	0 Introduction	Para 2 line 4	UK	Panel Convenor

Comment After concept, add of the structural system

Proposed

Reply

ID	Clause	Location	Country	Status
408	0 Introduction	para 4	NL	Panel Convenor

Comment Consistency of terminology with other standards in the 19900 series.

Proposed line 2: Change "offshore structures which" to "offshore platforms, which".
line 2: Change " part of the substructure or hull." to "... part of the structure proper or of the hull."
line 3: Change "... design aspects of substructures ..." to "... design aspects of support structures ..."
line 4: typo - change "specialised" to "specialized".

Reply

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ID	Clause	Location	Country	Status
409	0	para 5	NL	Panel Convenor

Comment Typographical error.

Proposed Remove space after "rules".

Reply

ID	Clause	Location	Country	Status
410	0	para 6	NL	Panel Convenor

Comment Minor amendments.

Proposed line 1: put a hyphen in "safety-related".
line 2: Change "... life of the structures." to
"... life of these structures."

Reply

ID	Clause	Location	Country	Status
850	01		US	Panel Convenor

Comment In line 3 ISO 19904 should read ISO 19904-1

Proposed Change ISO 19904 to ISO 19904-1

Reply

ID	Clause	Location	Country	Status
911	01	1st para. 3rd sentence	CA	Panel Convenor

Comment ... modification sand maintenance ...

Proposed Change to:... modifications and maintenance ...

Reply

ID	Clause	Location	Country	Status
912	01	2nd para.3rd sentence	CA	Panel Convenor

Comment ... forms a primary forms a primary structural component of the ...

Proposed Change to:... forms a primary structural component of the ...

Reply

ID	Clause	Location	Country	Status
913	01	8th para.	CA	Panel Convenor

Comment The document states that it includes requirements for, and guidance and information on various aspects from design to reuse. However, decommissioning is not included in the list. Section 6.012 discusses decommissioning, removal and disposal. Decommissioning, removal and disposal should be included in the list.

Proposed Consider adding the following to the list of requirements for, and guidance and information on:
- 6.012 design for decommissioning, removal and disposal

Reply

ID	Clause	Location	Country	Status
415	01	Existing para 6	NL	Panel Convenor

Comment Suggest bringing the existing paragraph 6, with the list of 3 entries, forward to after the existing paragraph 2.

Proposed

Reply

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ID	Clause	Location	Country	Status
416	01	existing para 8	NL	Panel Convenor
Comment	Suggest some modifications to introductory sentence and 2 of the 5 entries.			
Proposed	intro: change to "This document contains requirements for, and gives guidance and information on: 3rd entry: change to "assessment of existing topsides structures;" 4th entry: change to: "re-use of topsides structures;"			

Reply

ID	Clause	Location	Country	Status
417	01	last para	NL	Panel Convenor
Comment	Suggest bringing the last paragraph forward to after the existing paragraph 5 (i.e. after "This document is not applicable to the structure of hulls of jackups or of other mobile installations.")			
Proposed	Bring paragraph forward.			

Reply

ID	Clause	Location	Country	Status
110	01	Para 1	UK	Panel Convenor
Comment	Replace ".. modification sand maintenance .." with "..modifications and maintenance".			
Proposed				

Reply

ID	Clause	Location	Country	Status
411	01	para 1	NL	Panel Convenor
Comment	Consistency of terminology with other standards in the 19900 series. We presume use of "this document" in ISO 19901-3 is as per ISO usage, but suggest changing to "this part of ISO 19901" in a few instances.			
Proposed	line 1: Suggest changing "document" here to "this part of ISO 19901". line 3/4: Change "supporting substructure." to "support structure." line 4: typo - change "... modification sand ..." to "... modifications and "			

Reply

ID	Clause	Location	Country	Status
111	01	Para 1, line 4	UK	Panel Convenor
Comment	Change modification to modifications			
Proposed				

Reply

ID	Clause	Location	Country	Status
703	01	para 1, line 4	FR	Panel Convenor
Comment	typo			
Proposed	modification sand -> modifications and			
Reply				

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ID	Clause	Location	Country	Status
112	01	Para 2	UK	Panel Convenor
Comment	Text does not make sense. "If any part of the topsides structure of a fixed structure (steel or concrete) forms a primary forms a primary structural component of the overall structural system of the whole platform .."			

Proposed

Reply

ID	Clause	Location	Country	Status
412	01	para 2	NL	Panel Convenor
Comment	Correction and minor amendments.			

Proposed line 1: suggest changing "this document" here also to "this part of ISO 19901"
line 2: "ISO 19901 series" is wrong, change to "ISO 19900 series".
line 4: suggest changing "... topsides structure of a fixed structure" to "... topsides structure on a fixed structure ...-"
line 5: duplicated text - "... forms a primary forms a primary....-

Reply

ID	Clause	Location	Country	Status
704	01	para 2, line 4-5	FR	Panel Convenor
Comment	typo			

Proposed forms a primary forms a primary -> forms a primary

Reply

ID	Clause	Location	Country	Status
414	01	para 5	NL	Panel Convenor
Comment	Consistency of spelling with other standards in the 19900 series.			

Proposed Change "jackups" to "jack-ups", with hyphen.

Reply

ID	Clause	Location	Country	Status
113	01 Scope	Para 1 line 2	UK	Panel Convenor
Comment	Delete for, add of			

Proposed

Reply

ID	Clause	Location	Country	Status
114	01 Scope	Para 2 line 5	UK	Panel Convenor
Comment	Delete forms a primary			

Proposed

Reply

ID	Clause	Location	Country	Status
115	01 Scope	Para 2 line 6	UK	Panel Convenor
Comment	After ISO 19903 add ,ISO 19904, 19905			

Proposed

Reply

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ID	Clause	Location	Country	Status
116	01 Scope	Para 6 line 2	UK	Panel Convenor

Comment Delete ;, add : (i.e. replace semicolon with colon - common error))

Proposed

Reply

ID	Clause	Location	Country	Status
117	01 Scope	Para 7 line 1	UK	Panel Convenor

Comment After the, add cellar decks of fixed offshore structures and the hulls of floating offshore structures

Proposed

Reply

ID	Clause	Location	Country	Status
118	01 Scope	Para 8 line 1	UK	Panel Convenor

Comment After parts of add the module support frames and cellar decks of fixed offshore structures and

Proposed

Reply

ID	Clause	Location	Country	Status
119	01 Scope	Para 8 line 4	UK	Panel Convenor

Comment After structures add and life extension

Proposed

Reply

ID	Clause	Location	Country	Status
418	02		NL	Panel Convenor

Comment The present DIS was apparently prepared before ISO 19901-6 (Marine operations) had sufficiently advanced to be available as a reference. ISO 19901-6 is relevant for lifting, transporting and installing topsides structures. Therefore it should be included in the Normative references, and be ensured that no conflicts / discrepancies / duplications with ISO 19901-6 occur.

Proposed Ad ISO 19901-6 to the normative references.

Reply

ID	Clause	Location	Country	Status
931	02		IT	Panel Convenor

Comment ISO 2631-1 is referenced only in the informative Annex A.

Proposed Replace this normative reference to Bibliography.

Reply

ID	Clause	Location	Country	Status
934	02		IT	Panel Convenor

Comment ISO 6897 is referenced only in the informative Annex A.

Proposed Replace this normative reference to Bibliography.

Reply

ID	Clause	Location	Country	Status
935	02		IT	Panel Convenor

Comment The ISO 19901 (Part 1) number is incorrect.

Proposed Change to ISO 19901-1.

Reply

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ID	Clause	Location	Country	Status
936	02		IT	Panel Convenor

Comment The ISO 19901 (Part 2) number is incorrect.

Proposed Change to ISO 19901-2.

Reply

ID	Clause	Location	Country	Status
937	02		IT	Panel Convenor

Comment The ISO 19901 (Part 5) number is incorrect.

Proposed Change to ISO 19901-5.

Reply

ID	Clause	Location	Country	Status
938	02		IT	Panel Convenor

Comment The ISO 19904 designation and title are incorrect. There is the 2 parts series of this standard.

Proposed Select either one or all of them.

Reply

ID	Clause	Location	Country	Status
939	02		IT	Panel Convenor

Comment The ISO 19905 designation and title are incorrect. There is the 2 parts series of this standard.

Proposed Select either one or all of them.

Reply

ID	Clause	Location	Country	Status
420	02	4th entry	NL	Panel Convenor

Comment The standard ISO 6897 is only referenced in A.06.4.2.2. Is this a normative standard??

Proposed

Reply

ID	Clause	Location	Country	Status
421	02	7th entry	NL	Panel Convenor

Comment Correction of error.

Proposed The reference should not be "ISO 19901" but "ISO 19901-1".

Reply

ID	Clause	Location	Country	Status
422	02	8th entry	NL	Panel Convenor

Comment Correction of error.

Proposed The reference should not be "ISO 19901" but "ISO 19901-2".

Reply

ID	Clause	Location	Country	Status
423	02	9th entry	NL	Panel Convenor

Comment Elimination of entry, or correction of error.

Proposed ISO 19901 Part 5 is not called up in the document and should be deleted.

If it, after all, appears somewhere the reference should not be "ISO 19901" but "ISO 19901-5".

Reply

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ID	Clause	Location	Country	Status
424	02	last entry	NL	Panel Convenor
Comment	ISO 19905 is only referenced in Clause 1 (Scope); does this make it a normative reference?			
Proposed				
Reply				
ID	Clause	Location	Country	Status
425a	03	general	NL	Panel Convenor
Comment	For clarity of using ISO 19901-3 as a separate standard we propose to add a number of definitions from ISO 19900 and ISO 19902 relating to notions that are also frequently used in 19901-3.			
Proposed	Add definitions of: - platform [copy from 19900, 2.23]			
Reply				
ID	Clause	Location	Country	Status
425b	03	general	NL	Panel Convenor
Comment	Add definitions of:			
Proposed	- topsides [copy from 19900, 2.38]			
Reply				
ID	Clause	Location	Country	Status
425c	03	general	NL	Panel Convenor
Comment	Add definitions of:			
Proposed	- owner [copy from 19902, 3.36]			
Reply				
ID	Clause	Location	Country	Status
425d	03	general	NL	Panel Convenor
Comment	Add definitions of:			
Proposed	- regulator [already present in 3.010]			
Reply				
ID	Clause	Location	Country	Status
425e	03	general	NL	Panel Convenor
Comment	Add definitions of:			
Proposed	- exposure level [copy from 19900, 2.015]			
Reply				
ID	Clause	Location	Country	Status
425f	03	general	NL	Panel Convenor
Comment	Add definitions of:			
Proposed	- consequence category [copy from 19902, 3.011]			
Reply				
ID	Clause	Location	Country	Status
425g	03	general	NL	Panel Convenor
Comment	Add definitions of:			
Proposed	- life-safety category [copy from 19902, 3.27]			
Reply				

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ID	Clause	Location	Country	Status
425h	03	general	NL	Panel Convenor

Comment Add definitions of:

Proposed - design situation [copy from 19900, 2.013]

Reply

ID	Clause	Location	Country	Status
425i	03	general	NL	Panel Convenor

Comment Add definitions of:

Proposed - design criteria [copy from 19900, 2.011]

Reply

ID	Clause	Location	Country	Status
425j	03	general	NL	Panel Convenor

Comment Add definitions of:

Proposed - design value [copy from 19900, 2.014]

Reply

ID	Clause	Location	Country	Status
425k	03	general	NL	Panel Convenor

Comment Add definitions of:

Proposed - design service life [copy from 19900, 2.012]

Reply

ID	Clause	Location	Country	Status
425l	03	general	NL	Panel Convenor

Comment Add definitions of:

Proposed - accidental design situation [copy fr. 19902, 3.2]

Reply

ID	Clause	Location	Country	Status
425m	03	general	NL	Panel Convenor

Comment Add definitions of:

Proposed - after damage design situation [ISO 19902, 3.3]

Reply

ID	Clause	Location	Country	Status
425n	03	general	NL	Panel Convenor

Comment Add definitions of:

Proposed - explosion [copy from 19902, 3.017]

Reply

ID	Clause	Location	Country	Status
425o	03	general	NL	Panel Convenor

Comment Add definitions of:

Proposed - basic variable [copy from 19900, 2.5]

Reply

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ID	Clause	Location	Country	Status
425p	03	general	NL	Panel Convenor

Comment Add definitions of:

Proposed - nominal value [copy from 19900, 2.22]

Reply

ID	Clause	Location	Country	Status
425q	03	general	NL	Panel Convenor

Comment Add definitions of:

Proposed - representative value[copy from 19900, 2.26]

Reply

ID	Clause	Location	Country	Status
425r	03	general	NL	Panel Convenor

Comment Add definitions of:

Proposed - characteristic value [copy from 19900, 2.7]

Reply

ID	Clause	Location	Country	Status
425s	03	general	NL	Panel Convenor

Comment Add definitions of:

Proposed - extreme value [copy from 19902, 3.012]

Reply

ID	Clause	Location	Country	Status
425t	03	general	NL	Panel Convenor

Comment Add definitions of:

Proposed - abnormal value [copy from 19902, 3.01]

Reply

ID	Clause	Location	Country	Status
425u	03	general	NL	Panel Convenor

Comment Add definitions of:

Proposed - return period [copy from 19901-1, 3.23]

Reply

ID	Clause	Location	Country	Status
425v	03	general	NL	Panel Convenor

Comment Add definitions of:

Proposed - structural component [copy from 19900, 2.33]

Reply

ID	Clause	Location	Country	Status
425w	03	general	NL	Panel Convenor

Comment Add definitions of:

Proposed - critical component [copy from 19902, 3.012]

Reply

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ID	Clause	Location	Country	Status
425x	03	general	NL	Panel Convenor

Comment Add definitions of:

Proposed - robustness [copy from 19902, 3.46]

Reply

ID	Clause	Location	Country	Status
425y	03	general	NL	Panel Convenor

Comment Add definitions of:

Proposed - load arrangement [copy from 19902, 3.28]

Reply

ID	Clause	Location	Country	Status
425z	03	general	NL	Panel Convenor

Comment Add definitions of:

Proposed - load case [copy from 19902, 3.29].

Reply

ID	Clause	Location	Country	Status
426c	03.01		NL	Panel Convenor

Comment 3) Use of capitals, and consistency with 3.5 (see below).

Proposed 3) Change the end of the definition to "...to be considered in an accidental design situation"

Reply

ID	Clause	Location	Country	Status
427	03.02		NL	Panel Convenor

Comment Add abbreviation AFP to defined term (as for PFP)

Proposed Add AFP.

Reply

ID	Clause	Location	Country	Status
120	03.04		UK	Panel Convenor

Comment Note. There are also cases around the world where conductors are welded off to the platform above water thereby making the conductor an additional pile in resisting environmental forces.

Proposed

Reply

ID	Clause	Location	Country	Status
121	03.04		UK	Panel Convenor

Comment Clarify the definition to include the existence of the well string within the conductor which is part of the process plant and which experiences effects such as thermal growth

Proposed

Reply

ID	Clause	Location	Country	Status
428a	03.04		NL	Panel Convenor

Comment 1) Definition differs without apparent reason from that in ISO 19900:2002.

Proposed 1) Suggest to copy definition from ISO 19900:2002.

Reply

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ID	Clause	Location	Country	Status
428b	03.04		NL	Panel Convenor
Comment	2) The NOTE in 19901-3 can be maintained, but needs some adjustments for consistency of terminology.			
Proposed	2) Change NOTE to "A conductor is continuous from below the seabed to the process plant in the topside topsides and can be laterally supported in both the support substructure and topside topsides structure. The vertical support is at the seabed."			

Reply

ID	Clause	Location	Country	Status
429	03.05		NL	Panel Convenor
Comment	1) Consistency across ISO 19900 series standards. The term "accidental design situation" (not design accidental) is identically defined in ISO 19902, 19903 and 19904-1. Please adopt the same definition in 19901-3.			
Proposed	Adopt the existing definition: "accidental design situation design situation involving exceptional conditions of the structure or its exposure EXAMPLE Impact, fire, explosion, local failure or loss of intended differential pressure (e.g. buoyancy)."			

Reply

ID	Clause	Location	Country	Status
431	03.07		NL	Panel Convenor
Comment	Hazard is a defined term in ISO 19902, copied from ISO 13702. Suggest therefore referring to "hazard" instead of "hazardous event".			
Proposed	Change "hazardous event" to "hazard".			

Reply

ID	Clause	Location	Country	Status
432	03.08		NL	Panel Convenor
Comment	Typographical error.			
Proposed	Change to "... improves the members member's resistance to fire"			

Reply

ID	Clause	Location	Country	Status
123	03.09		UK	Panel Convenor
Comment	Check the use of "reassignment" within the document			
Proposed				

Reply

ID	Clause	Location	Country	Status
433	03.09		NL	Panel Convenor
Comment	Typographical error and consistency of terminology with ISO 19902.			
Proposed	"change in the exposure level of an a platform due to a change of the life safety category level or of the consequence category of failure level"			

Reply

ID	Clause	Location	Country	Status
434b	03.11		NL	Panel Convenor
Comment	2) See comment on 3.01above for resolution of the probability level.			
Proposed				

Reply

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ID	Clause	Location	Country	Status
124	03.12		UK	Panel Convenor

Comment A gas is a fluid!

Proposed

Reply

ID	Clause	Location	Country	Status
125	03.12		UK	Panel Convenor

Comment Not always the case e.g. flexible risers from subsea wells to the platform.

Proposed

Reply

ID	Clause	Location	Country	Status
126	03.12		UK	Panel Convenor

Comment change "process plant on a platform" to "platform topsides". not all platforms have process plant (e.g. wellhead platform)

Proposed

Reply

ID	Clause	Location	Country	Status
435	03.12		NL	Panel Convenor

Comment 1) The term "riser" is defined in ISO 19900, while an adapted definition is given in ISO 19901-7 and ISO 19904-1. Please use this definition, if necessary with adaptation.

Proposed 1) Use existing definition of "riser" as far as possible.

Reply

ID	Clause	Location	Country	Status
435	03.12		NL	Panel Convenor

Comment 2) The NOTE in 19901-3 is useful and can be maintained with some adjustment for consistency.

Proposed "NOTE A riser can be supported both laterally and vertically in the topside topsides structure and transmit actions from thermal effects, wave action, gravity and variations in fluid flow to the topsides structure."

Reply

ID	Clause	Location	Country	Status
127a	03.13		UK	Panel Convenor

Comment Shell have a better definition that can be made available

Proposed

Reply

ID	Clause	Location	Country	Status
606	03.13		DK	Panel Convenor

Comment

Proposed item of structure equipment or piping of which the failure will lead to unacceptable safety consequences

Reply

ID	Clause	Location	Country	Status
707	03.13	line 1	FR	Panel Convenor

Comment typo

Proposed of which the failure -> the failure of which

Reply

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ID	Clause	Location	Country	Status
436	03.14		NL	Panel Convenor
Comment	Suggest replacing "demonstration" by "resulting situation", and some adaptation.			
Proposed	"demonstration that resulting situation in which escape routes and safe areas are maintained after an accidental event for a sufficient period of time to allow platform evacuation and that large inventories of hazardous material are not released into the environment-			

Reply

ID	Clause	Location	Country	Status
437	03.15		NL	Panel Convenor
Comment	"vortex shedding" is common language that does not need to be defined (the notion occurs in many standards of the ISO 19900 series, but is nowhere defined).			
Proposed	Delete the definition. If it is maintained it should be corrected to read as: "... spiral fluid or air flow".			

Reply

ID	Clause	Location	Country	Status
129	04		UK	Panel Convenor
Comment	A Why use identical symbol?			
Proposed				

Reply

ID	Clause	Location	Country	Status
941	04	Definitions of all symbols described under calculative equations	KR	Panel Convenor
Comment	Identical symbols meaning different object shall be indicated with attachment of characteristic foot letter. In addition, all symbols shall be described those dimensions using SI units, except ones illustrated with appended tables or graphs, if possible.			

Proposed

Reply

ID	Clause	Location	Country	Status
130	04	MTOW	UK	Panel Convenor
Comment	MTOM in text			
Proposed				

Reply

ID	Clause	Location	Country	Status
439	04	title	NL	Panel Convenor
Comment	Adjust in accordance with ISO Directives.			
Proposed	Change to "Symbols and abbreviated text terms".			

Reply

ID	Clause	Location	Country	Status
131	04	ULS	UK	Panel Convenor
Comment	Out of sequence			
Proposed				

Reply

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ID	Clause	Location	Country	Status
132	04.01		UK	Panel Convenor

Comment Modal not maodal

Proposed

Reply

ID	Clause	Location	Country	Status
440	04.01	A	NL	Panel Convenor

Comment acceleration

Proposed Suggest to replace by a (as in ISO 19901-2).

Reply

ID	Clause	Location	Country	Status
453	04.01	A (accidental action) and lp	NL	Panel Convenor

Comment These symbols do not seem to occur in the document.

Proposed Delete the symbols from the list.

Reply

ID	Clause	Location	Country	Status
441	04.01	De	NL	Panel Convenor

Comment Amend definition (modelled after ISO 19902).

Proposed Change to "equivalent quasi-static action representing dynamic response effects to the extreme environmental action, Ee"

Reply

ID	Clause	Location	Country	Status
442	04.01	Do	NL	Panel Convenor

Comment Amend definition (modelled after ISO 19902).

Proposed Change to "equivalent quasi-static action representing dynamic response effects to the operating situation environmental action, Eo"

Reply

ID	Clause	Location	Country	Status
443	04.01	E	NL	Panel Convenor

Comment Amend definition (as per ISO 19902).

Proposed Change to "quasi-static environmental action"

Reply

ID	Clause	Location	Country	Status
444	04.01	Ee	NL	Panel Convenor

Comment Amend definition (as per ISO 19902).

Proposed Change to "extreme quasi-static extreme environmental action due to wind, waves and current"

Reply

ID	Clause	Location	Country	Status
445	04.01	Eo	NL	Panel Convenor

Comment Add definition (as per ISO 19902).

Proposed Add "quasi-static environmental action due to owner defined operating wind, wave and current parameters"

Reply

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ID	Clause	Location	Country	Status
449	04.01	F	NL	Panel Convenor

Comment Spelling error.

Proposed Change to "moadal modal displacement"

Reply

ID	Clause	Location	Country	Status
446	04.01	Fy	NL	Panel Convenor

Comment Change symbol to fY (if it appears in the document).

Proposed Amend definition as per ISO 19902: "characteristic representative yield strength, in stress units"

Reply

ID	Clause	Location	Country	Status
450	04.01	g	NL	Panel Convenor

Comment Replace g by separate gf and gR.

Proposed Delete entry.

Reply

ID	Clause	Location	Country	Status
451	04.01	gf	NL	Panel Convenor

Comment Copy definition from ISO 19902.

Proposed "partial action factor of which the value reflects the uncertainty or randomness of the action (from ISO 19900)"

Reply

ID	Clause	Location	Country	Status
452	04.01	gR	NL	Panel Convenor

Comment Copy definition from ISO 19902.

Proposed "partial resistance factor of which the value reflects the uncertainty or variability of the component resistance including those of material properties (from ISO 19900)"

Reply

ID	Clause	Location	Country	Status
454	04.01	missing symbols	NL	Panel Convenor

Comment Various symbols used in the document are not included in 4.01; examples are I, F(t), Fmax, kE, q, ky, q, P, P(t), Pmax, Ru, Ro, Rq, ecr
Also add symbols S and N, and copy definitions from ISO 19902

Proposed Add missing symbols.

Reply

ID	Clause	Location	Country	Status
447	04.01	T	NL	Panel Convenor

Comment Amend definition, but verify that the symbol is consistently used with this meaning.
If it is also used for natural period in general, then define it only as "natural period" and add more specific definition where it occurs.

Proposed Change to "natural period of the whole platform (structure plus topsides and foundation)"

Reply

ID	Clause	Location	Country	Status
448	04.01	td	NL	Panel Convenor

Comment Amend definition.

Proposed Change to "duration of explosion pressure pulse"

Reply

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Sorted on status and action party

ID	Clause	Location	Country	Status
607	04.02		DK	Panel Convenor

Comment Missing abbreviated terms

Proposed SRSS (as used in chapter 7.8.2 b).

Reply

ID	Clause	Location	Country	Status
708	04.02		FR	Panel Convenor

Comment MTOW maximum take-off weight. In the text this is nearly always written MTOM to mean maximum take-off weight. Include the hyphen.

Proposed

Reply

ID	Clause	Location	Country	Status
455	04.02	ALS	NL	Panel Convenor

Comment Use plural form in definition

Proposed Change to "accidental limit states"

Reply

ID	Clause	Location	Country	Status
456	04.02	DLE	NL	Panel Convenor

Comment Wrong term; should be replaced by ELE and ALE.

Proposed Delete.

Reply

ID	Clause	Location	Country	Status
457	04.02	FLS	NL	Panel Convenor

Comment Use plural form in definition

Proposed Change to "fatigue limit states"

Reply

ID	Clause	Location	Country	Status
133	04.02	Line 12	UK	Panel Convenor

Comment Add LRFD load and resistance factor design

Proposed

Reply

ID	Clause	Location	Country	Status
133a	04.02	Line 12	UK	Panel Convenor

Comment Add SMYS (?)

Proposed

Reply

ID	Clause	Location	Country	Status
133b	04.02	Line 12	UK	Panel Convenor

Comment SRSS Structural response spectrum (?)?

Proposed

Reply

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Sorted on status and action party

ID	Clause	Location	Country	Status
134	04.02	Line 15	UK	Panel Convenor

Comment Change MTOW to term used in other standards - MTOM?

Proposed

Reply

ID	Clause	Location	Country	Status
464	04.02	missing abbreviations.	NL	Panel Convenor

Comment Many abbreviations are missing.
The list in the next column should be added, or some of these abbreviations should be avoided.
Note that ELE and ALE replace the currently used SLE and DLE.

Proposed ALARP
ALE
CFD
ELE
ESDV
FEA
GBS
HVAC
LRFD
MC
PWHT
SMYS
SRSS

Reply

ID	Clause	Location	Country	Status
458	04.02	RT	NL	Panel Convenor

Comment Abbreviation does not occur in the document.

Proposed Delete.

Reply

ID	Clause	Location	Country	Status
463	04.02	SDOF ULS	NL	Panel Convenor

Comment Rearrange in alphabetic order.

Proposed

Reply

ID	Clause	Location	Country	Status
459	04.02	SLS	NL	Panel Convenor

Comment Use plural form in definition

Proposed Change to "serviceability limit states"

Reply

ID	Clause	Location	Country	Status
460	04.02	S-N	NL	Panel Convenor

Comment S and N are symbols, not abbreviations.

Proposed Delete.

Reply

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Sorted on status and action party

ID	Clause	Location	Country	Status
461	04.02	ULS	NL	Panel Convenor

Comment Use plural form in definition.

Proposed Change to "serviceability limit states"

Reply

ID	Clause	Location	Country	Status
462	04.02	UR	NL	Panel Convenor

Comment Spelling.

Proposed Change to "utilisation utilization ratio"

Reply

ID	Clause	Location	Country	Status
882	05	Abbrevated terms	NO	Panel Convenor

Comment Add missing notations:

Proposed DC design class
MC material category

Reply

ID	Clause	Location	Country	Status
136	05.01		UK	Panel Convenor

Comment Change topsides structure to topsides layout & structure

Proposed

Reply

ID	Clause	Location	Country	Status
468b	05.02	NOTE	NL	Panel Convenor

Comment 2) Reference.

Proposed 2) Change to "Clause 1 The Scope", or to "Clause 1 The Scope".

Reply

ID	Clause	Location	Country	Status
468a	05.02	para 1, line 4	NL	Panel Convenor

Comment 1) Use "compatible with" rather than "compatible to".

Proposed 1) Change to "compatible to with".

Reply

ID	Clause	Location	Country	Status
468c	05.02	para 2, line 1	NL	Panel Convenor

Comment 3) Spelling error (s to z).

Proposed 3) Change to "realize".

Reply

ID	Clause	Location	Country	Status
851	05.03		US	Panel Convenor

Comment The Note states there are three categories of exposure level but only two are mentioned

Proposed Mention all three categories

Reply

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Sorted on status and action party

ID	Clause	Location	Country	Status
469a	05.03	line 1	NL	Panel Convenor

Comment 1) Consistency of terminology.

Proposed 1) Change "substructure" to "support structure".

Reply

ID	Clause	Location	Country	Status
469b	05.03	NOTE	NL	Panel Convenor

Comment 2) The cross-reference to ISO 19902 is adequate and more comprehensive than the NOTE, which is best deleted..

Proposed 2) Delete the NOTE.
If it is kept the descriptions should generally be improved and L2 should be added.

Reply

ID	Clause	Location	Country	Status
141	05.04.01		UK	Panel Convenor

Comment Include drilling loads

Proposed

Reply

ID	Clause	Location	Country	Status
471a	05.04.02	line 1	NL	Panel Convenor

Comment 1) Adjust cross-references in 1st sentence.

Proposed 1) Change to "... addressed in ISO 19902, ISO 19903, ISO 19904-1, ISO 19905-1, ISO 19906 and in ISO 19901-1."

Reply

ID	Clause	Location	Country	Status
471b	05.04.02	lines 3 & 4	NL	Panel Convenor

Comment 2) Consistency of terminology.

Proposed 2) Change "substructure" to "support structure". (2x)

Reply

ID	Clause	Location	Country	Status
472a	05.04.03		NL	Panel Convenor

Comment 1) Consistency of terminology.

Proposed 1) Change "substructure" to "support structure".

Reply

ID	Clause	Location	Country	Status
472b	05.04.03		NL	Panel Convenor

Comment 2) Possibility instead of permission.

Proposed 2) Change "may" to "can".

Reply

ID	Clause	Location	Country	Status
472c	05.04.03		NL	Panel Convenor

Comment 3) Spelling.

Proposed 3) Change to "short-term", with hyphen (2x)

Reply

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Sorted on status and action party

ID	Clause	Location	Country	Status
609	05.04.03		DK	Panel Convenor

Comment add

Proposed Over flow system

Reply

ID	Clause	Location	Country	Status
473b	05.06	line 2	NL	Panel Convenor

Comment 2) Consistency of terminology.

Proposed 2) Change "substructure" to "support structure".

Reply

ID	Clause	Location	Country	Status
473a	05.06	title	NL	Panel Convenor

Comment 1) "Platform" is the wrong term; it is defined in ISO 19900 as structure + topsides + foundation (where applicable)..

Proposed 1) Change to "Platform Topsides re-use".

Reply

ID	Clause	Location	Country	Status
474	05.07	line 4	NL	Panel Convenor

Comment ISO 19901-3 is only one part of an IS.

Proposed Change "this International Standard" to "this part of ISO 19901."

Reply

ID	Clause	Location	Country	Status
147	05.07	Para 1	UK	Panel Convenor

Comment and records kept of the changes for future assessments.

Proposed

Reply

ID	Clause	Location	Country	Status
481a	06.03	1st and 2nd sentences	NL	Panel Convenor

Comment 1) Consistency of terminology, and adjustment of punctuation.

Proposed 1) Change to
"The topsides shall be designed to resist gravity permanent and variable actions; wind, wave, and current actions; earthquake actions; temperature and deformation effects, temporary conditions and accidental conditions which can occur during its service life. In addition, actions due to the motions of the supporting structure shall be considered,; these are particularly significant for floating structures."

Reply

ID	Clause	Location	Country	Status
481b	06.03	3rd to 5th sentences	NL	Panel Convenor

Comment 2) Make these sentences a separate paragraph. Also consistency of terminology. - Change to:

Proposed "The nominal values of these actions, or of their derivation, are given in 7.2 to 7.8. Each mode of operation of the platform, such as drilling, production, work-over, or anticipated combinations thereof, shall be explicitly considered. In areas where icing can occur the effects of ice on both gravity permanent and variable actions and on environmental actions shall be included.-

Reply

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ID	Clause	Location	Country	Status
613	06.04		DK	Panel Convenor

Comment

Proposed Design for serviceability limit state (SLS)

Reply

ID	Clause	Location	Country	Status
482	06.04	title	NL	Panel Convenor

Comment There are more than one SLS.

Proposed Change to plural: "... serviceability limit states (SLS)"

Reply

ID	Clause	Location	Country	Status
151	06.04.01	c)	UK	Panel Convenor

Comment Flare Structures & Telecommunication masts

Proposed

Reply

ID	Clause	Location	Country	Status
483c	06.04.01	c)	NL	Panel Convenor

Comment 3) Punctuation.

Proposed 3) Add a comma between "structures" and "e.g."

Reply

ID	Clause	Location	Country	Status
483a	06.04.01	general	NL	Panel Convenor

Comment 1) Put a semi-colon after list items (as per ISO).

Proposed 1) Add semi-colons to items a) to d).

Reply

ID	Clause	Location	Country	Status
483e	06.04.01	last line	NL	Panel Convenor

Comment 5) Use more specific reference.

Proposed 5) Change to ".. the following 6.4.2 and 6.4.3 .."

Reply

ID	Clause	Location	Country	Status
483b	06.04.01	line 1	NL	Panel Convenor

Comment 2) Consistency.

Proposed 2) Change "topside" to "topsides"

Reply

ID	Clause	Location	Country	Status
484b	06.04.02.01	d)	NL	Panel Convenor

Comment 2) Formulation.

Proposed 2) Change "from the effect of" to "due to".

Reply

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Sorted on status and action party

ID	Clause	Location	Country	Status
484a	06.04.02.01	general	NL	Panel Convenor

Comment 1) Put a semi-colon after list items (as per ISO).

Proposed 1) Add semi-colons to items a) to d).

Reply

ID	Clause	Location	Country	Status
485b	06.04.02.02	para 2, last li	NL	Panel Convenor

Comment 2) Typo.

Proposed 2) Change colon at the end into a full stop.

Reply

ID	Clause	Location	Country	Status
487a	06.04.03	def. of D1	NL	Panel Convenor

Comment 1) Suggest change of words.

Proposed 1) Change "after loading" to "after applying the actions"

Reply

ID	Clause	Location	Country	Status
487d	06.04.03	last column of Table 1	NL	Panel Convenor

Comment 4) The smaller of the 2 values in the last column, row 3, should be selected.

Proposed 4) Add "whichever is smaller".

Reply

ID	Clause	Location	Country	Status
486	06.04.03	line 1	NL	Panel Convenor

Comment

- This sentence refers to Equation (1), which is only applicable to a structural component, not to an overall structure.
- D_{max} is a deflection, not a deflected shape.
- Use terminology consistent with other 19900 standards.

Proposed Reformulate the first sentence to:
"The final deflected shape deflection, Δ_{max} , of any element structural component or structure comprises three components contributions as follows:-".

Reply

ID	Clause	Location	Country	Status
489	06.05		NL	Panel Convenor

Comment Consistency of terminology across ISO 19900 series standards; the terms "nominal values", "representative values" and design values" are defined terms.

Proposed Change "nominal actions" to "representative actions" (3x) and "nominal strength" to "representative strength" (2x).

Reply

ID	Clause	Location	Country	Status
490	06.05	para 1, line 1	NL	Panel Convenor

Comment Reformulation of 1st sentence for consistent terminology.

Proposed Change to
"To obtain design actions an An action factor shall be applied to each of the nominal external representative applied actions in the combinations given in Clause 7.

Reply

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Sorted on status and action party

ID	Clause	Location	Country	Status
491	06.05	para 3, line 1	NL	Panel Convenor

Comment Consistency of terminology.

Proposed Replace "factored strength" by "design strength".

Reply

ID	Clause	Location	Country	Status
488	06.05	title	NL	Panel Convenor

Comment Change to plural form of limit states.

Proposed Change to "... ultimate limit states (ULS)"

Reply

ID	Clause	Location	Country	Status
493	06.06		NL	Panel Convenor

Comment Consistency of terminology.

For the FLS as a rule unfactored actions are used.

Proposed Change 1st sentence to
"The design actions to be used in the FLS are addressed in the International Standard of the ISO 19900 series applicable to the substructure support structure."

Reply

ID	Clause	Location	Country	Status
615	06.06		DK	Panel Convenor

Comment Fatigue limit state: The ISO does not contain much guidance on fatigue caused by the sea transportation. Considering the long transports sometimes being performed (e.g. up to 30-40 days from the far east to the North Sea) and the fact that it is not common to do fatigue friendly details in topsides design, this may potentially be a critical limit state for the topsides and the seafastening

Proposed Include some general guidance in the ISO to cover sea transportation fatigue.

Reply

ID	Clause	Location	Country	Status
492	06.06	title	NL	Panel Convenor

Comment Change to plural from of limit states.

Proposed Change to "... fatigue limit states (FLS)"

Reply

ID	Clause	Location	Country	Status
495	06.07		NL	Panel Convenor

Comment Correction.

Proposed Change "in 7.9" to "7.010".

Reply

ID	Clause	Location	Country	Status
494	06.07	title	NL	Panel Convenor

Comment Change to plural from of limit states.

Proposed Change to "... accidental limit states (ALS)"

Reply

ID	Clause	Location	Country	Status
156	06.08	Line 1	UK	Panel Convenor

Comment After incorporate add suitable

Proposed

Reply

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Sorted on status and action party

ID	Clause	Location	Country	Status
157	06.09		UK	Panel Convenor

Comment Include mention of corrosion allowance for say tanks, which can also be parts of crane pedestals.

Proposed

Reply

ID	Clause	Location	Country	Status
161	06.09	Para 1	UK	Panel Convenor

Comment In this case, just liquids!

Proposed

Reply

ID	Clause	Location	Country	Status
162	06.09	Para 2 line 3	UK	Panel Convenor

Comment Be more precise

Proposed Replace considered with specified

Reply

ID	Clause	Location	Country	Status
496	06.09	para 2, line 1	NL	Panel Convenor

Comment Intent is unclear: is compatibility with the design assumptions for the topsides structure or for the support structure meant? We presume the former.

Proposed Change to "... for the topsides structure."

Reply

ID	Clause	Location	Country	Status
853	06.10		US	Panel Convenor

Comment 1st para, 2nd sentence "his"

Proposed Suggest replacing "his" with "the" or "their"

Reply

ID	Clause	Location	Country	Status
164	06.10	Para 1	UK	Panel Convenor

Comment Delete 'his' before 'design'

Proposed

Reply

ID	Clause	Location	Country	Status
498	06.10	para 1, line 2	NL	Panel Convenor

Comment Use different word for "might".

Proposed Change "might" to "can" or "could".

Reply

ID	Clause	Location	Country	Status
713	06.10	para 1, line 2	FR	Panel Convenor

Comment typo

Proposed his -> their

Reply

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Sorted on status and action party

ID	Clause	Location	Country	Status
499	06.10	para 2	NL	Panel Convenor

Comment Spelling; "platform" is the wrong word; more specific formulation.

Proposed Change to

- "in-service inspection" (with hyphen)
- "platform topsides' life";
- "... of the topsides structure during .."

Reply

ID	Clause	Location	Country	Status
500	06.11	para 1	NL	Panel Convenor

Comment "platform" is the wrong word, and missing words.

Proposed Change to

- "possible platform topsides modifications, etc."
- "... this information shall be used in ..."

Reply

ID	Clause	Location	Country	Status
618	06.12		DK	Panel Convenor

Comment Access for inspection should also be included

Proposed for future inspection and disconnection

Reply

ID	Clause	Location	Country	Status
165	06.12.01		UK	Panel Convenor

Comment 1. Not all topsides will be removed by lifting (change to removal)

Proposed

Reply

ID	Clause	Location	Country	Status
501	06.12.01		NL	Panel Convenor

Comment Consistency.

Proposed Change "topside" to "topsides" (line 2).
Delete "then" (line 3).
Change to "... inclusion in the topsides structure ..." (line 3)

Reply

ID	Clause	Location	Country	Status
854	06.12.03		US	Panel Convenor

Comment States that lifting attachments shall be retained for future use where possible. The "shall" makes this mandatory but the "where possible" is vague. The appendix appears to express the intent in a better way.

Proposed Suggest replacing "shall" with "should"

Reply

ID	Clause	Location	Country	Status
166	06.12.03	Para 1	UK	Panel Convenor

Comment following adequate inspections and tests.

Proposed

Reply

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Sorted on status and action party

ID	Clause	Location	Country	Status
502	06.12.04		NL	Panel Convenor

Comment Use different word for "might".

Proposed Change "might" to "can" or "could".

Reply

ID	Clause	Location	Country	Status
518	07	07 and A.07throughout	NL	Panel Convenor

Comment Clauses 7 and A.7 are very important, but at places lack clarity, beg technical questions and leave editorially a lot to be desired.

Proposed amendments together with the reasons why do not fit the format of this table. They are given in a separate WORD document, using track changes.

Proposed See separate WORD document in section 2 at the end.

Reply

ID	Clause	Location	Country	Status
170	07.01	Below bullets	UK	Panel Convenor

Comment comprises

Proposed

Reply

ID	Clause	Location	Country	Status
171	07.01	Bullet 7 (accidental)	UK	Panel Convenor

Comment impact

Proposed

Reply

ID	Clause	Location	Country	Status
843	07.02		US	Panel Convenor

Comment Defintion of G2

Proposed For the defination of G2 add"including contained fluids after by "self wieght of equipment"

Reply

ID	Clause	Location	Country	Status
173	07.02	Line 2	UK	Panel Convenor

Comment Grammar

Proposed Add (see ISO 19902) after actions

Reply

ID	Clause	Location	Country	Status
180	07.03.01		UK	Panel Convenor

Comment Reference number missing for CSA

Proposed

Reply

ID	Clause	Location	Country	Status
915	07.03.01	1st para.	CA	Panel Convenor

Comment Revise BS 5400 Part 3 [5] reference

Proposed Replace BS 5400 Part 3 [5] with BS 5400 Part 3 [6]

Reply

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Sorted on status and action party

ID	Clause	Location	Country	Status
181	07.03.02	Tables 2, 3, 4, A.01, A.2	UK	Panel Convenor

Comment Factors missing for CSA

Proposed

Reply

ID	Clause	Location	Country	Status
918	07.03.03	Table 3	CA	Panel Convenor

Comment Revise CISC/CSA-S16 reference

Proposed Replace CISC/CSA-S16 with CAN/CSA-S16-01

Reply

ID	Clause	Location	Country	Status
859	07.03.04		US	Panel Convenor

Comment Table 4 - Top line: Load Condition: Extreme environmental

Proposed Should be changed to "Operating" environmental

Reply

ID	Clause	Location	Country	Status
921	07.03.04		CA	Panel Convenor

Comment Revise CISC/CSA-S16 reference

Proposed Replace CISC/CSA-S16 with CAN/CSA-S16-01

Reply

ID	Clause	Location	Country	Status
184	07.03.04	Line 9	UK	Panel Convenor

Comment Provide another example

Proposed Add - helicopters landing

Reply

ID	Clause	Location	Country	Status
186	07.06	Line 2	UK	Panel Convenor

Comment Replace effects with support conditions associated with

Proposed

Reply

ID	Clause	Location	Country	Status
188	07.08.01	Line 1	UK	Panel Convenor

Comment After total structure, add including the topsides acting along

Proposed

Reply

ID	Clause	Location	Country	Status
189	07.08.02	Below 2)	UK	Panel Convenor

Comment vent and communications towers

Proposed

Reply

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ID	Clause	Location	Country	Status
190	07.08.02	c)	UK	Panel Convenor

Comment Add SRSS to abbreviations list

Proposed

Reply

ID	Clause	Location	Country	Status
191	07.08.02	Equation 6	UK	Panel Convenor

Comment bridges and cranes.

Proposed

Reply

ID	Clause	Location	Country	Status
721	07.08.02	page 17, last line	FR	Panel Convenor

Comment typo

Proposed platforms -> platform

Reply

ID	Clause	Location	Country	Status
193	07.08.02	Para 11	UK	Panel Convenor

Comment Make assessment of design for earthquakes a requirement, Replace should with shall

Proposed

Reply

ID	Clause	Location	Country	Status
194	07.08.02	Para 6 c)	UK	Panel Convenor

Comment Define SRSS in 4.2 Abbreviated terms

Proposed SRSS Structural response spectrum (?)

Reply

ID	Clause	Location	Country	Status
523	07.09	07.09 and A.07.09	NL	Panel Convenor

Comment Make reference to ISO 19901-6 (Marine operations) and ensure that there are no discrepancies / conflicts with this standard.

Proposed

Reply

ID	Clause	Location	Country	Status
624	07.09.02.03		DK	Panel Convenor

Comment Lifting forces.

During the final stages of lifting the module will typically be guided by a system of bumpers and guides. The configuration and design of the structures, as well as any required reinforcements should be addressed at an early stage, in cooperation with the heavy-lift contractor. It is also customary to ensure that the guides will deform at a lower load than the guides structure, thus ensuring plastic deformations in the sacrificial structures.

Proposed Include a section that covers overall requirements to final guiding and positioning.

A guiding system will typically be utilised during the final phases of lifting to ensure that the object is positioned in accordance with the design premises. Overall philosophy, structural configuration and design loads shall be addressed at an early stage. It is recommended to include the heavy-lift contractor in this process.

Reply

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Sorted on status and action party

ID	Clause	Location	Country	Status
195	07.09.02.03	Bullet 4	UK	Panel Convenor

Comment Conditions is too vague. Change to "environmental conditions" (or otherwise)?

Proposed

Reply

ID	Clause	Location	Country	Status
196	07.09.02.04	Heading	UK	Panel Convenor

Comment Replace forces with actions

Proposed

Reply

ID	Clause	Location	Country	Status
856	07.09.02.05		US	Panel Convenor

Comment It's not always practical to model stiffness of the quay wall, skid-way foundations for rigid structures.

To simulate the uneven ground during load-out, 2 conditions will be considered in design

- Loss of one or more supports with 1/3 increase in allowable stress
- Partial loss of one or more supports deflect 2" (max)

Proposed Replace the second sentence with the following:

"Twisting of the structure due to uneven supports shall be considered. The uneven supports could be due to loss of support(s) or partial loss of support(s). For structures sensitive to twisting failure due to differential horizontal jacking forces or winching, stiffness of the quay wall, skid way foundation and barge should be modeled.-"

Reply

ID	Clause	Location	Country	Status
726	07.09.02.07	1st para	FR	Panel Convenor

Comment typo

Proposed established in taking -> established taking

Reply

ID	Clause	Location	Country	Status
198	07.09.03		UK	Panel Convenor

Comment Repeat 7.9.2.4 with respect to mating and whatever

Proposed

Reply

ID	Clause	Location	Country	Status
201	07.10.01	Page 20, Para 2	UK	Panel Convenor

Comment Add ALARP to list of abbreviations

Proposed

Reply

ID	Clause	Location	Country	Status
206a	07.10.02	Figure 1	UK	Panel Convenor

Comment Presume in Tasks 1 and 5 "exposure category" is exposure level.

Proposed

Reply

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Sorted on status and action party

ID	Clause	Location	Country	Status
206b	07.10.02	Figure 1	UK	Panel Convenor

Comment Also suggest requirements for exposure level are repeated from 19902 / 19903 etc at least until they are moved into 19900.

Proposed

Reply

ID	Clause	Location	Country	Status
206c	07.10.02	Figure 1	UK	Panel Convenor

Comment It is possible to get trapped in the loop - there needs to be an inclusion of a mitigation step and possibly even a full stop with an unacceptable structure.

Proposed

Reply

ID	Clause	Location	Country	Status
206d	07.10.02	Figure 1	UK	Panel Convenor

Comment This figure is no longer the same as the API RP2 FB version which has the bottom line different (API Fig 18.2.01)

Proposed

Reply

ID	Clause	Location	Country	Status
209	07.10.02	Figure 2	UK	Panel Convenor

Comment Yes

Proposed

Reply

ID	Clause	Location	Country	Status
211	07.10.02.01	and Risk matrix Table 6	UK	Panel Convenor

Comment If the exposure category is set at "risk level 1" at task 1 and the risk is found not to be acceptable in the diamond gate after task 4 then there is no way out of the loop- unless mitigation is also mentioned at task 5.

Proposed

Reply

ID	Clause	Location	Country	Status
213	07.10.02.01	bullet point 1) on p. 21	UK	Panel Convenor

Comment exposure level is defined in 7.010.2.2, not 7.010.2.3

Proposed

Reply

ID	Clause	Location	Country	Status
215	07.10.02.01	bullet point 5) on p. 21 and task 5 in table 6 "Risk Matrix":	UK	Panel Convenor

Comment measures to reduce risk should be included in figure 1 before reassigning platform exposure level. These measures must of course address the parameters that are used to define exposure level - maybe these should be listed in 7.010.2.2 rather than given by a reference to ISO 19902?.

Proposed

Reply

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ID	Clause	Location	Country	Status
730	07.10.02.01	page 21, 2nd line	FR	Panel Convenor

Comment typo (punctuation)

Proposed assessment.. -> assessment.

Reply

ID	Clause	Location	Country	Status
216	07.10.02.01	Para 3 on p 20	UK	Panel Convenor

Comment lacks right parenthesis ")"

Proposed

Reply

ID	Clause	Location	Country	Status
731	07.10.02.03	2nd para	FR	Panel Convenor

Comment typo

Proposed ... an accidental event shall be considered to include -> ... an accidental event shall include

Reply

ID	Clause	Location	Country	Status
732	07.10.02.04 .01	1st line	FR	Panel Convenor

Comment typo

Proposed installation by based -> installation based

Reply

ID	Clause	Location	Country	Status
218	07.10.02.04 .01	Para 1 line 1,"?	UK	Panel Convenor

Comment grammar: remove the word "by"

Proposed

Reply

ID	Clause	Location	Country	Status
219	07.10.02.04 .02	Figure 2	UK	Panel Convenor

Comment Add 'Yes' to 'Survive fire' decision outcome. Generally confusing with multiple Yes and No paths in some instances.

Proposed

Reply

ID	Clause	Location	Country	Status
221	07.10.03	Para 2	UK	Panel Convenor

Comment Preventive should be "preventative"

Proposed

Reply

ID	Clause	Location	Country	Status
222	07.10.04		UK	Panel Convenor

Comment p. 25: paragraph starting with: "As part of the detailed": replace "gas-air clouds used" with "gas-air clouds shall be used".

Proposed

Reply

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ID	Clause	Location	Country	Status
736	07.10.05	2nd line	FR	Panel Convenor

Comment typo

Proposed fire exists and -> fire. Assessment

Reply

ID	Clause	Location	Country	Status
232	07.11.05	Para 1 line 2	UK	Panel Convenor

Comment Delete principle routes, add principal routes

Proposed

Reply

ID	Clause	Location	Country	Status
525	08	08 and A.08 throughout	NL	Panel Convenor

Comment Same observations as for Clause 7 and A.7 apply.
Edited text using "track changes" is combined with that for Clause 7 and A.7 into one WORD document at the end of the table.

Proposed See separate WORD document at the end of the table.

Reply

ID	Clause	Location	Country	Status
239	08.04	Title	UK	Panel Convenor

Comment and vent

Proposed

Reply

ID	Clause	Location	Country	Status
526	08.05.03		NL	Panel Convenor

Comment Subclause 8.5.3 would also benefit from rearrangement; proposals for this are included in the separate WORD document.

Proposed

Reply

ID	Clause	Location	Country	Status
247	08.05.03.01	Para 3	UK	Panel Convenor

Comment These actions shall be shall be

Proposed

Reply

ID	Clause	Location	Country	Status
639	08.05.03.02		DK	Panel Convenor

Comment

Proposed being considered. These actions shall be shall be analysed to determine their effects on and within the helideck structure

Reply

ID	Clause	Location	Country	Status
860	08.05.03.02		US	Panel Convenor

Comment 3rd paragraph - These actions shall be shall be analysed to determine their on....being considered. Duplicate words "shall be". Context of "their on" not clear.

Proposed Correct and clarify.

Reply

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ID	Clause	Location	Country	Status
745	08.05.03.02	3rd para	FR	Panel Convenor
Comment	to determine their on and within is not English.			
Proposed				
Reply				
ID	Clause	Location	Country	Status
746	08.05.03.02	5th para	FR	Panel Convenor
Comment	typo			
Proposed	... to accommodate a permanent deflection ... loads not exceeding 2,5% ... -> ... to limit permanent deflection ... loads to 2,5% ...			
Reply				
ID	Clause	Location	Country	Status
248	08.05.03.02	Para 3 line1	UK	Panel Convenor
Comment	After their add effect			
Proposed				
Reply				
ID	Clause	Location	Country	Status
249a	08.05.03.03	-	UK	Panel Convenor
Comment	Use of decimal point incorrect, superscript required.			
Proposed				
Reply				
ID	Clause	Location	Country	Status
249b	08.05.03.04	-	UK	Panel Convenor
Comment	Use of decimal point incorrect, superscript required.			
Proposed				
Reply				
ID	Clause	Location	Country	Status
861	08.05.03.05		US	Panel Convenor
Comment	MTOM should be MTOW (this subclause and others in the document)			
Proposed	Correct			
Reply				
ID	Clause	Location	Country	Status
252	08.05.03.10		UK	Panel Convenor
Comment	kN assumed			
Proposed				
Reply				
ID	Clause	Location	Country	Status
645	08.05.03.10		DK	Panel Convenor
Comment	"A general action of 2 N/m2 shall be included" Comment: probably a typographical error.			
Proposed	A general action of 2 kN/m2 shall be included			
Reply				

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Sorted on status and action party

ID	Clause	Location	Country	Status
249c	08.05.03.10	-	UK	Panel Convenor

Comment Use of decimal point incorrect, superscript required.

Proposed

Reply

ID	Clause	Location	Country	Status
864	08.05.03.13		US	Panel Convenor

Comment Typo last sentence..."form" should be "from"

Proposed Correct

Reply

ID	Clause	Location	Country	Status
254	08.05.03.13	Line 3	UK	Panel Convenor

Comment Delete form, add from

Proposed

Reply

ID	Clause	Location	Country	Status
755	08.06.02		FR	Panel Convenor

Comment Language seems imprecise: suggest clarifying definition of terms (load, actions, failure load,...).

Proposed vertical action -> vertical design action

Reply

ID	Clause	Location	Country	Status
756	08.06.02	page 35, last para	FR	Panel Convenor

Comment use of English

Proposed to safely resist -> to resist safely

Reply

ID	Clause	Location	Country	Status
760	08.06.04	last line	FR	Panel Convenor

Comment typo

Proposed discontinuity e.g. -> discontinuity, e.g.

Reply

ID	Clause	Location	Country	Status
263	08.07	Para 1 line 1	UK	Panel Convenor

Comment After temporary conditions, add ,including jarring,

Proposed

Reply

ID	Clause	Location	Country	Status
761	08.10	last line	FR	Panel Convenor

Comment typo

Proposed in-service. -> in service.

Reply

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ID	Clause	Location	Country	Status
269	08.11		UK	Panel Convenor

Comment Mention effects of spillage of e.g. liquid nitrogen spillages.

Proposed

Reply

ID	Clause	Location	Country	Status
661	08.11		DK	Panel Convenor

Comment "e) The design process....."

Comment:

Para e) is not an example such as a) to d), but the concluding requirement.

Proposed "The design process....."

Reply

ID	Clause	Location	Country	Status
662	08.11		DK	Panel Convenor

Comment Most disciplines involved no

Proposed The design of the topside structure involves complex interfaces/liaison with most other technical disciplines.

Reply

ID	Clause	Location	Country	Status
762	08.11	2nd line	FR	Panel Convenor

Comment typo

Proposed compromise design -> compromise structural design

Reply

ID	Clause	Location	Country	Status
275	09.02.02		UK	Panel Convenor

Comment There is already a lot of guidance in this area - Shell will provide details

Proposed

Reply

ID	Clause	Location	Country	Status
529b	09.02.02		NL	Panel Convenor

Comment 2) line 3: subordinate clause between commas.

Proposed 2) Put a comma after "stress concentrations,.."

Reply

ID	Clause	Location	Country	Status
529c	09.02.02		NL	Panel Convenor

Comment 3) line 5: spelling.

Proposed 3) Change "un-stiffened" to "unstiffened".

Reply

ID	Clause	Location	Country	Status
529d	09.02.02		NL	Panel Convenor

Comment 4) line 6: plural form.

Proposed 4) Change "thickness" to "thicknesses".

Reply

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Sorted on status and action party

ID	Clause	Location	Country	Status
532	09.03.01	line 2	NL	Panel Convenor

Comment Terminology.

Proposed Change "tubular cylinders" to "tubular members".

Reply

ID	Clause	Location	Country	Status
533	09.03.02		NL	Panel Convenor

Comment Spelling.

Proposed Change "minimise" to "minimize" (2 X).
Add "See A.9.3.2." at the end of the 2nd paragraph.

Reply

ID	Clause	Location	Country	Status
535	09.03.03	line 1	NL	Panel Convenor

Comment Terminology and a comma.

Proposed Change to "... full capacity strength of the adjoining members, unless"

Reply

ID	Clause	Location	Country	Status
280	09.03.04	Line 3	UK	Panel Convenor

Comment After undesirable, add comma, delete completely

Proposed

Reply

ID	Clause	Location	Country	Status
536a	09.03.04	para 1	NL	Panel Convenor

Comment 1) title: consistency of terminology with most of the text.

Proposed 1) Change "joints" to "connections".

Reply

ID	Clause	Location	Country	Status
536b	09.03.04	para 1	NL	Panel Convenor

Comment 2) line 1: consistency.

Proposed 2) Change "joints" to "connections" and "topside structures" to "topsides structures".

Reply

ID	Clause	Location	Country	Status
536c	09.03.04	para 1	NL	Panel Convenor

Comment 3) line 3: adding of a comma.

Proposed 3) Add comma "... welding is undesirable, bolted connections can ...".

Reply

ID	Clause	Location	Country	Status
537	09.03.04	para 2, line 2	NL	Panel Convenor

Comment Consistency of terminology.

Proposed Change "platforms" to "topsides".

Reply

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Sorted on status and action party

ID	Clause	Location	Country	Status
539	09.03.05	09.03.05 and A.09.03.05 numbering	NL	Panel Convenor

Comment Castings are not part of 9.3 - Connections.

Proposed Change 9.3.5 into 9.4, and A.9.3.5 into A.9.4.

Reply

ID	Clause	Location	Country	Status
540	09.03.05	line 5	NL	Panel Convenor

Comment Wording.

Proposed Change to "In complex castings subjected to"

Reply

ID	Clause	Location	Country	Status
544a	10.01		NL	Panel Convenor

Comment 1) para 1, line 1: terminology.

Proposed 1) Change "installations" to "platforms".

Reply

ID	Clause	Location	Country	Status
544b	10.01		NL	Panel Convenor

Comment 2) para 2, line 1: closing off subordinate clause.

Proposed 2) Put a comma after "... particular function,".

Reply

ID	Clause	Location	Country	Status
544c	10.01		NL	Panel Convenor

Comment 3) list, item 8: phrasing.

Proposed 3) Change to "Weight and whole life cycle costs."

Reply

ID	Clause	Location	Country	Status
544d	10.01		NL	Panel Convenor

Comment 4) list, item 9: spelling.

Proposed 4) Change "recognised" to "recognized".

Reply

ID	Clause	Location	Country	Status
545	10.02	line 2	NL	Panel Convenor

Comment Reference to IS.

Proposed Change "this International Standard" to "this document", or to "this part of ISO 19901".

Reply

ID	Clause	Location	Country	Status
546a	10.02	Table 7	NL	Panel Convenor

Comment 1) Table 7 should be tied in to subclause 10.2 by text and reference.

Proposed 1) Provide necessary text.

Reply

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ID	Clause	Location	Country	Status
546b	10.02	Table 7	NL	Panel Convenor

Comment 2) Title does not reflect intent of table.

Proposed 2) Suggest change to "Carbon steel material selection for topsides".

Reply

ID	Clause	Location	Country	Status
546c	10.02	Table 7	NL	Panel Convenor

Comment 3) Consistency with ISO 19902.

Proposed 3) Replace "SMYS Group" with "Strength group".

Reply

ID	Clause	Location	Country	Status
546d	10.02	Table 7	NL	Panel Convenor

Comment 4) Use of capital in heading.

Proposed 4) Change to "Toughness Class class"

Reply

ID	Clause	Location	Country	Status
766	10.02	Table 7	FR	Panel Convenor

Comment A key to terminology should be supplied.

Proposed

Reply

ID	Clause	Location	Country	Status
547a	10.03.01		NL	Panel Convenor

Comment 1) para 1, line 2: spelling.

Proposed 1) Change "minimised" to "minimized".

Reply

ID	Clause	Location	Country	Status
547b	10.03.01		NL	Panel Convenor

Comment 2) para 2, line 1: grammar.

Proposed 2) Change "general" to "generally".

Reply

ID	Clause	Location	Country	Status
768	10.03.01	1st paragraph	FR	Panel Convenor

Comment Corrosion can be minimised by paying attention to the grade selection and the use of appropriate details, but more generally by paying attention to design. Global design can be as important as details design.

Proposed Change "...by paying attention to the grade selection and the use of appropriate details." by "...by paying attention to the grade selection and design"

Reply

ID	Clause	Location	Country	Status
770	10.03.01	2nd para, 1st line	FR	Panel Convenor

Comment typo

Proposed ... general retain ... structural steel ... -> ...generally retain ... structural carbon steel ...

Reply

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ID	Clause	Location	Country	Status
769	10.03.01	2nd paragraph	FR	Panel Convenor
Comment typo				
Proposed Change "The stainless steels used offshore general retain higher strengths..." by "The stainless steels used offshore generally retain higher strengths..."				

Reply

ID	Clause	Location	Country	Status
284a	10.03.01	Para 2 lines 1 and 2	UK	Panel Convenor
Comment Delete general, add generally				

Proposed

Reply

ID	Clause	Location	Country	Status
771	10.03.02	1st para, last line	FR	Panel Convenor
Comment typo				
Proposed ... carbon variance 316L ... -> carbon variant 316L ...				

Reply

ID	Clause	Location	Country	Status
548	10.03.02	para 1, line 4	NL	Panel Convenor
Comment Wording.				

Proposed Change to "... are the more useful groups group for"

Reply

ID	Clause	Location	Country	Status
772	10.04.01	last para	FR	Panel Convenor
Comment punctuation				
Proposed ... stiffness to steel aluminium ... -> stiffness to steel, aluminium ...				

Reply

ID	Clause	Location	Country	Status
549	10.04.01	para 2, line 1	NL	Panel Convenor
Comment Inappropriate use of word "must".				

Proposed Change "must" to "shall".

Reply

ID	Clause	Location	Country	Status
550	10.04.02	para 1, line 2	NL	Panel Convenor
Comment Spelling and commas around subordinate clauses.				
Proposed Change to "specifically 6082, and the non-heat treatable 5XXX series, specifically 5083, which obtains its increased strength"				

Reply

ID	Clause	Location	Country	Status
551	10.04.03		NL	Panel Convenor
Comment Use of capitals.				

Proposed Change "Weight" to "weight", "Modulus" to "modulus" and "Of its strength" to "of its strength".

Reply

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ID	Clause	Location	Country	Status
552a	10.04.04		NL	Panel Convenor
Comment	1) Title: wrong spelling.			
Proposed	1) Change to "The Thermite sparking"			
Reply				

ID	Clause	Location	Country	Status
552b	10.04.04		NL	Panel Convenor
Comment	2) penultimate line: spelling.			
Proposed	2) Change "advise" to "advice".			
Reply				

ID	Clause	Location	Country	Status
773	10.04.04		FR	Panel Convenor
Comment	typos			
Proposed	10.4.4 The sparkingThermite can occur when iron oxide(rusty ... -> 10.4.4 Thermite sparking Thermite sparking can occur when iron oxide (rusty ...			
Reply				

ID	Clause	Location	Country	Status
287	10.04.04	Line 1	UK	Panel Convenor
Comment	After Thermite, add sparking can occur			
Proposed				
Reply				

ID	Clause	Location	Country	Status
288	10.04.04	Title	UK	Panel Convenor
Comment	Delete The, add Thermite sparking			
Proposed				
Reply				

ID	Clause	Location	Country	Status
289	10.05		UK	Panel Convenor
Comment	Conductive or metallic objects attached to composites need to be independently earthed.			
Proposed				
Reply				

ID	Clause	Location	Country	Status
290	10.05		UK	Panel Convenor
Comment	Need to add caution that in fire conditions composites can give off toxic fumes - but very good in the right areas.			
Proposed				
Reply				

ID	Clause	Location	Country	Status
925	10.05		CA	Panel Convenor
Comment	Reference to flammability is included for timber in 10.6.			
Proposed	Consider adding a note on required performance of fibre reinforced composites in fire.			
Reply				

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ID	Clause	Location	Country	Status
553	10.05	para 1, line 1	NL	Panel Convenor
Comment	Closing off subordinate clause with a comma.			
Proposed	Put a comma after "... , including high strength, ..."			
Reply				

ID	Clause	Location	Country	Status
554	10.06	para 1, line 1	NL	Panel Convenor
Comment	Consistency of terminology.			
Proposed	Change "topside structures" to "topsides structures".			
Reply				

ID	Clause	Location	Country	Status
557a	11	para 2	NL	Panel Convenor
Comment	1) line 1: clarity of which structure are meant.			
Proposed	1) Change to ".. use of the topsides structures .."			
Reply				

ID	Clause	Location	Country	Status
557b	11	para 2	NL	Panel Convenor
Comment	2) line 2: clarification of the word 'capacity'.			
Proposed	2) Change to ".. maximum carrying capacity of areas .."			
Reply				

ID	Clause	Location	Country	Status
557c	11	para 2	NL	Panel Convenor
Comment	3) line 3: the meaning of "maximum capacity of the global structure" is unclear. It could mean: - "total maximum topsides weight", or - "the strength of the support structure".			
Proposed	3) Clarify intent, for example by changing to one of the two suggested phrases.			
Reply				

ID	Clause	Location	Country	Status
294	11	Para 3 line 2	UK	Panel Convenor
Comment	After those add personnel			
Proposed				
Reply				

ID	Clause	Location	Country	Status
774	11	second para	FR	Panel Convenor
Comment				
Proposed	... construction methods, inspection ... -> construction methods, special tolerances, inspection ...			
Reply				

ID	Clause	Location	Country	Status
559	12	12/A.012 to 17/A.017	NL	Panel Convenor
Comment	For these last 6 clauses not all (suggested) editorial amendments are included in this table of comments. The other ones will be advised to the project leader / editing panel.			
Proposed				
Reply				

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ID	Clause	Location	Country	Status
560a	12	12/A.012 to 17/A.017	NL	Panel Convenor

Comment Consistency of formulation across the ISO 19900 series of standards.

Proposed - Change all "topside" to "topsides".

Reply

ID	Clause	Location	Country	Status
560b	12	12/A.012 to 17/A.017	NL	Panel Convenor

Comment Consistency of formulation across the ISO 19900 series of standards.

Proposed - Change all "substructure(s)" to "support structure(s)"; in some cases just "structure(s)" suffices.

Reply

ID	Clause	Location	Country	Status
560c	12	12/A.012 to 17/A.017	NL	Panel Convenor

Comment Consistency of formulation across the ISO 19900 series of standards.

Proposed - Specify "topsides structure" where there is potential doubt if "structure" refers to the "topsides" or to the "support structure".

Reply

ID	Clause	Location	Country	Status
560d	12	12/A.012 to 17/A.017	NL	Panel Convenor

Comment Consistency of formulation across the ISO 19900 series of standards.

Proposed - Replace "load" / "loading" with "action(s)" where appropriate. Terms such as "load path", "load case" are common and accepted terms.

Reply

ID	Clause	Location	Country	Status
560e	12	12/A.012 to 17/A.017	NL	Panel Convenor

Comment Consistency of formulation across the ISO 19900 series of standards.

Proposed - Be careful with the word "capacity"; in certain cases it should be changed to "strength", or to "ability", "capability", as appropriate

Reply

ID	Clause	Location	Country	Status
561a	12	12/A.012 to 17/A.017	NL	Panel Convenor

Comment Consistency of spelling.

Proposed - Change "dependant" to "dependent".

Reply

ID	Clause	Location	Country	Status
561b	12	12/A.012 to 17/A.017	NL	Panel Convenor

Comment Consistency of spelling.

Proposed - Change "minimised" to "minimized".

Reply

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Sorted on status and action party

ID	Clause	Location	Country	Status
561c	12	12/A.012 to 17/A.017	NL	Panel Convenor

Comment Consistency of spelling.

Proposed - Change "summarised" to "summarized".

Reply

ID	Clause	Location	Country	Status
775	12.01.03		FR	Panel Convenor

Comment Wording is unclear

Proposed horizontally -> in plan

Reply

ID	Clause	Location	Country	Status
296a	12.01.04	Bullet 1	UK	Panel Convenor

Comment Emphasise that an attachment is a local stress raiser and they are not also properly removed.

Proposed

Reply

ID	Clause	Location	Country	Status
296b	12.01.04	Bullet 1	UK	Panel Convenor

Comment It is normal practice to perform MPI following removal of temporary attachments

Proposed

Reply

ID	Clause	Location	Country	Status
299	14.02.01		UK	Panel Convenor

Comment draught (for consistency)

Proposed

Reply

ID	Clause	Location	Country	Status
778	14.02.01		FR	Panel Convenor

Comment Reinspection of lift points after loadout is recommended where these are to be re-used either for load-off or offshore installation.

Proposed Recommend reinspection of lift points after loadout

Reply

ID	Clause	Location	Country	Status
300	14.02.02	Para 1, sentence 1	UK	Panel Convenor

Comment This sentence adds nothing. The first part is unqualified and the second part states the obvious!

Proposed

Reply

ID	Clause	Location	Country	Status
779	14.02.02	sub-para a)	FR	Panel Convenor

Comment typos

Proposed limits of the design -> limits of the design

Reply

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ID	Clause	Location	Country	Status
780	14.02.02	sub-para e)	FR	Panel Convenor

Comment punctuation

Proposed 14.2..2 e) -> 14.2.2 e)

Reply

ID	Clause	Location	Country	Status
301a	14.02.02.01	Titles	UK	Panel Convenor

Comment Replace with 14.2.3 Skidded loadout and 14.2.4 Compatibility of operations

Proposed

Reply

ID	Clause	Location	Country	Status
301c	14.02.02.01	Titles	UK	Panel Convenor

Comment a) Delete The number of, add Support points shall be so arranged as to

Proposed

Reply

ID	Clause	Location	Country	Status
301b	14.02.03	Titles	UK	Panel Convenor

Comment Replace with 14.2.3 Skidded loadout and 14.2.4 Compatibility of operations

Proposed

Reply

ID	Clause	Location	Country	Status
301d	14.02.03	Titles	UK	Panel Convenor

Comment a) Delete The number of, add Support points shall be so arranged as to

Proposed

Reply

ID	Clause	Location	Country	Status
302	14.03.02	Line 2	UK	Panel Convenor

Comment Replace loading with the actions

Proposed

Reply

ID	Clause	Location	Country	Status
867	14.04		US	Panel Convenor

Comment Weighing is not mandatory.

Proposed Add that all decks that are lifted shall be weighed

Reply

ID	Clause	Location	Country	Status
306	15	Clause	UK	Panel Convenor

Comment Shouldn't this be a subsection within Clause 12?

Proposed

Reply

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ID	Clause	Location	Country	Status
565a	16.01	1) para 1, line 2: "on substructures of all types".	NL	Panel Convenor
Comment	The word "installation" is used to indicate "(sub)structure", "platform" or "topsides", as fits in with the context. This is confusing. The term is not commonly used with this meaning in the ISO 19900 series of standards.			
Proposed	1) Change to "on structures of all types".			

Reply

ID	Clause	Location	Country	Status
565b	16.01	2) para 1, line 2: "steel jackets".	NL	Panel Convenor
Comment	The word "installation" is used to indicate "(sub)structure", "platform" or "topsides", as fits in with the context. This is confusing. The term is not commonly used with this meaning in the ISO 19900 series of standards.			
Proposed	2) Change to "steel structures".			

Reply

ID	Clause	Location	Country	Status
565c	16.01	3) para 1, line 3: "floating installations".	NL	Panel Convenor
Comment	The word "installation" is used to indicate "(sub)structure", "platform" or "topsides", as fits in with the context. This is confusing. The term is not commonly used with this meaning in the ISO 19900 series of standards.			
Proposed	3) Change to "floating structures".			

Reply

ID	Clause	Location	Country	Status
565d	16.01	4) para 1, line 4: "applicable to installations".	NL	Panel Convenor
Comment	The word "installation" is used to indicate "(sub)structure", "platform" or "topsides", as fits in with the context. This is confusing. The term is not commonly used with this meaning in the ISO 19900 series of standards.			
Proposed	4) Change to: "applicable to platforms".			

Reply

ID	Clause	Location	Country	Status
565e	16.01	5) para 2: "lifetime of the installation".	NL	Panel Convenor
Comment	The word "installation" is used to indicate "(sub)structure", "platform" or "topsides", as fits in with the context. This is confusing. The term is not commonly used with this meaning in the ISO 19900 series of standards.			
Proposed	5) Change to "lifetime of the topsides structure".			

Reply

ID	Clause	Location	Country	Status
782	16.01	5th para	FR	Panel Convenor
Comment	use of English			
Proposed	... for the installation to include: -> ... for the installation. This shall include:			

Reply

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ID	Clause	Location	Country	Status
565f	16.01	6) para 4: "the installation" (2x) .	NL	Panel Convenor

Comment The word "installation" is used to indicate "(sub)structure", "platform" or "topsides", as fits in with the context. This is confusing. The term is not commonly used with this meaning in the ISO 19900 series of standards.

Proposed 6) Change to "the platform" (2x).

Reply

ID	Clause	Location	Country	Status
565g	16.01	7) para 5, line 2: "the installation".	NL	Panel Convenor

Comment The word "installation" is used to indicate "(sub)structure", "platform" or "topsides", as fits in with the context. This is confusing. The term is not commonly used with this meaning in the ISO 19900 series of standards.

Proposed 7) Change to "the platform".

Reply

ID	Clause	Location	Country	Status
565h	16.01	8) last para, line 2: "the installation".	NL	Panel Convenor

Comment The word "installation" is used to indicate "(sub)structure", "platform" or "topsides", as fits in with the context. This is confusing. The term is not commonly used with this meaning in the ISO 19900 series of standards.

Proposed 8) Change to "the topsides".

Reply

ID	Clause	Location	Country	Status
566a	16.02	1) para 1, line 1: "for the installation".	NL	Panel Convenor

Comment As for 16.01.

Proposed 1) Change to "for the topsides".

Reply

ID	Clause	Location	Country	Status
566b	16.02	2) para 1, line 3: "evacuation of the installation".	NL	Panel Convenor

Comment As for 16.01.

Proposed 2) Change to "evacuation of the platform".

Reply

ID	Clause	Location	Country	Status
311	16.03.01		UK	Panel Convenor

Comment After topsides structures, add commas before and after the subclause, rather than fatigue or accidental damage,

Proposed Delete i.e., add is

Reply

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ID	Clause	Location	Country	Status
567	16.03.05	Line 1: "for the installation to inspect".	NL	Panel Convenor

Comment As for 16.01.

Proposed Change to "for the topsides to inspect".

Reply

ID	Clause	Location	Country	Status
568a	16.05.02	1) para 1, line 2: "topsides facilities".	NL	Panel Convenor

Comment As for 16.01 and 16.2, but now also concerning the term "facilities".

Proposed 1) Change to "topsides" only.

Reply

ID	Clause	Location	Country	Status
568b	16.05.02	2) bullet 1): "including facilities structures".	NL	Panel Convenor

Comment As for 16.01 and 16.2, but now also concerning the term "facilities".

Proposed 2) Suggest changing to "including equipment related structures".

Reply

ID	Clause	Location	Country	Status
568c	16.05.02	3) last para of a), line 2: "of the installation".	NL	Panel Convenor

Comment As for 16.01 and 16.2, but now also concerning the term "facilities".

Proposed 3) Change to "of the topsides".

Reply

ID	Clause	Location	Country	Status
568d	16.05.02	4) 1st bullet of b), line 1: "including facilities structures".	NL	Panel Convenor

Comment As for 16.01 and 16.2, but now also concerning the term "facilities".

Proposed 4) Suggest changing to "including equipment related structures".

Reply

ID	Clause	Location	Country	Status
568e	16.05.02	5) 2nd and 3rd bullets of b): "components" (2x).	NL	Panel Convenor

Comment As for 16.01 and 16.2, but now also concerning the term "facilities".

Proposed 5) Change to "structural component" (2x).

Reply

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ID	Clause	Location	Country	Status
568f	16.05.02	6) 1st bullet of c): "including facilities structures".	NL	Panel Convenor

Comment As for 16.01 and 16.2, but now also concerning the term "facilities".

Proposed 6) Suggest changing to "including equipment related structures".

Reply

ID	Clause	Location	Country	Status
568g	16.05.02	7) 2nd and 3rd bullets of c): "components" (2x).	NL	Panel Convenor

Comment As for 16.01 and 16.2, but now also concerning the term "facilities".

Proposed 7) Change to "structural component" (2x).

Reply

ID	Clause	Location	Country	Status
314	16.05.02	Item 2)	UK	Panel Convenor

Comment change 7.010.6.3 to 7.010.9.2

Proposed

Reply

ID	Clause	Location	Country	Status
315	16.05.02	para 3 2) line 3	UK	Panel Convenor

Comment Delete reference to 7.010.6.3, add 7.010.9.2 Walk down studies

Proposed

Reply

ID	Clause	Location	Country	Status
677	16.05.04		DK	Panel Convenor

Comment Why marine growth in topside struc.

Proposed

Reply

ID	Clause	Location	Country	Status
870	16.05.04		US	Panel Convenor

Comment If the intent is to have this section apply to topsides then the reference to jackets needs to be removed.

Proposed Remove "(with marine growth cleaning as necessary)"
Check the second item to see if the reference to risers and J-tubes, conductors should be in this section.

Reply

ID	Clause	Location	Country	Status
569a	16.05.04	1) 1st bullet, line 1: "of the platform".	NL	Panel Convenor

Comment As for 16.01 for the term "platform".

Proposed 1) Change to "of the topsides".

Reply

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ID	Clause	Location	Country	Status
569b	16.05.04	2) 2nd bullet, line 2: "of the structure,".	NL	Panel Convenor

Comment As for 16.01 for the term "platform".

Proposed 2) Change to "of the topsides structure,".

Reply

ID	Clause	Location	Country	Status
319	16.05.04	line 2	UK	Panel Convenor

Comment After ensure the, add continuing

Proposed

Reply

ID	Clause	Location	Country	Status
570a	16.05.05		NL	Panel Convenor

Comment 1) para 1, line 2: "for which the structure".

Proposed 1) Change to "for which the platform".

Reply

ID	Clause	Location	Country	Status
570b	16.05.05		NL	Panel Convenor

Comment 2) para 1, line 4: ".. structure and substructures".

Proposed 2) Change to ".. structure and supporting structures".

Reply

ID	Clause	Location	Country	Status
570c	16.05.05		NL	Panel Convenor

Comment 3) last para, line 1: "damage to the structure".

Proposed 3) Change to "damage to the topsides structure".

Reply

ID	Clause	Location	Country	Status
320	16.05.05	para 2 line 2	UK	Panel Convenor

Comment Delete any, add an appropriate

Proposed

Reply

ID	Clause	Location	Country	Status
577	17	17 and A.17 titles	NL	Panel Convenor

Comment This is about "topsides" reuse, as opposed to whole platform reuse.

Proposed Change titles to "Topsides reuse"

Reply

ID	Clause	Location	Country	Status
578a	17	para 1	NL	Panel Convenor

Comment 1) Consistency of spelling with ISO 19902.

Proposed 1) Change "re-use" to "reuse" (one word).

Reply

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ID	Clause	Location	Country	Status
578b	17	para 1	NL	Panel Convenor

Comment 2) line 3: "modifications to the structure".

Proposed 2) Change to "modifications to the topsides structure".

Reply

ID	Clause	Location	Country	Status
297	43070	Clauses	UK	Panel Convenor

Comment There is a benefit to making the text in this document more "stand-alone" with less reliance on reading ISO 19751. Would be useful to bring out the multi-disciplinary aspects of topsides design - particularly layout

Proposed

Reply

ID	Clause	Location	Country	Status
580	A	NOTE	NL	Panel Convenor

Comment Replace the NOTE by the standardized text that was approved by ISO CS.

Proposed

Reply

ID	Clause	Location	Country	Status
511	A..06.05	A.06.05 to A.06.07	NL	Panel Convenor

Comment Make titles the same as those in the main text.

Proposed

Reply

ID	Clause	Location	Country	Status
475	A.05.01	title	NL	Panel Convenor

Comment Change title to correspond with title in main text.

Proposed Change to "Design criteria situations"

Reply

ID	Clause	Location	Country	Status
476a	A.05.02	para 1	NL	Panel Convenor

Comment 1) Generalize term in 1st sentence".

Proposed 1) Change "jacket" to "fixed structures".

Reply

ID	Clause	Location	Country	Status
476b	A.05.02	para 1	NL	Panel Convenor

Comment 2) Reference [6] should presumably be [7].

Proposed 2) Correct Reference, if necessary.

Reply

ID	Clause	Location	Country	Status
476c	A.05.02	para 1	NL	Panel Convenor

Comment 3) Reference [7] should presumably be [8].

Proposed 3) Correct Reference, if necessary.

Reply

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ID	Clause	Location	Country	Status
476d	A.05.02	para 1	NL	Panel Convenor

Comment 4) Specify Reference [?].

Proposed 4) Add Reference.

Reply

ID	Clause	Location	Country	Status
476e	A.05.02	para 1	NL	Panel Convenor

Comment 5) Is Reference [8] really [8], or should it be [7]?

Proposed 5) Correct Reference, if necessary.

Reply

ID	Clause	Location	Country	Status
476f	A.05.02	para 1	NL	Panel Convenor

Comment 6) Add a comma in line 5.

Proposed 6) Change to "These choices were natural, .."

Reply

ID	Clause	Location	Country	Status
477	A.05.02	para 2	NL	Panel Convenor

Comment Add Reference numbers.

Proposed Line 3: "BS 5950 [4]" and "BS 5400: Part 3 [6]".
Line 5: "EC 3 [2]".

Reply

ID	Clause	Location	Country	Status
478	A.05.03	A.05.03 to A.05.07	NL	Panel Convenor

Comment Adjust numbering where necessary, in line with modifications to the main text.

Proposed

Reply

ID	Clause	Location	Country	Status
479	A.05.06	title	NL	Panel Convenor

Comment Change title to correspond with title in main text.

Proposed Change to "Platform Topsides reuse".

Reply

ID	Clause	Location	Country	Status
503	A.06.01	title	NL	Panel Convenor

Comment Title should be the same as in the main text.

Proposed Change to "Scope General"

Reply

ID	Clause	Location	Country	Status
504	A.06.02	title	NL	Panel Convenor

Comment Title should be the same as in the main text.

Proposed Change to "Materials Material selection"

Reply

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ID	Clause	Location	Country	Status
505	A.06.04	title	NL	Panel Convenor

Comment Title should be the same as in the main text.

Proposed Change to "... serviceability conditions limit states (SLS)"

Reply

ID	Clause	Location	Country	Status
506	A.06.04.02.01	para 1	NL	Panel Convenor

Comment Spelling; recommendation; being specific.

Proposed Change to
- "minimise minimize" (line 1);
- "shall should" (line 2);
- "...equipment and topsides structure ..." (line 4).

Reply

ID	Clause	Location	Country	Status
326	A.06.04.02.01	para 1 line 2	UK	Panel Convenor

Comment Replace shall with should

Proposed

Reply

ID	Clause	Location	Country	Status
507	A.06.04.02.01	para 2	NL	Panel Convenor

Comment Recommendation; rewording.

Proposed Change to
- "shall should" (line 3);
- "...greater higher or less lower ..." (line 4).

Reply

ID	Clause	Location	Country	Status
327	A.06.04.02.02	line 2	UK	Panel Convenor

Comment After are not, add likely to be

Proposed

Reply

ID	Clause	Location	Country	Status
509	A.06.04.02.03	line 4	NL	Panel Convenor

Comment Clarity.

Proposed Change to "... lower natural period limits would apply, but analysis ..."

Reply

ID	Clause	Location	Country	Status
510	A.06.04.03	line 1	NL	Panel Convenor

Comment Correction of cross-reference.

Proposed Change to "in 6.4.2 6.4.3".

Reply

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ID	Clause	Location	Country	Status
328	A.06.04.03	Para 1	UK	Panel Convenor
Comment	Reference to 6.4.2 should probably be 6.4.3. It is recommended that this reference be removed as this commentary clause is directly associated with 6.4.3 in the normative text.			

Proposed

Reply

ID	Clause	Location	Country	Status
329	A.06.08	para 1	UK	Panel Convenor
Comment	Line 1 After related to add resisting and mitigating the effects of			

Proposed

Reply

ID	Clause	Location	Country	Status
330	A.06.08	para 1	UK	Panel Convenor
Comment	Line 3 After fatigue, add and environmental damage			

Proposed

Reply

ID	Clause	Location	Country	Status
331	A.06.08	Para 4 line 2	UK	Panel Convenor
Comment	Delete losing, add losing			

Proposed

Reply

ID	Clause	Location	Country	Status
512	A.06.08	paras 3, 4 and 5	NL	Panel Convenor
Comment	Recommendations; spelling; consistency of terminology.			

- Proposed**
- 1) Change "shall" to "should" (3x).
 - 2) Change "minimising" to "minimizing". (2x)
 - 3) Change "element" to "component" (para 4, line 2 [2x], para 5, line 2).
 - 4) Change "load elements" to "structural components" (para 4, line 4).
 - 5) Change "emphasised-" to "emphasized-".

Reply

ID	Clause	Location	Country	Status
514	A.06.12.01	line 3	NL	Panel Convenor
Comment	Consistency.			

Proposed Change to "topside topsides structures".

Reply

ID	Clause	Location	Country	Status
515	A.06.12.02		NL	Panel Convenor
Comment	Missing word.			

Proposed Chnge to ".. as not to depend on ..."

Reply

ID	Clause	Location	Country	Status
517	A.06.12.04		NL	Panel Convenor
Comment	Typo and spelling.			

Proposed Change "that" to "than", and "on to" to "onto" (one word).

Reply

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ID	Clause	Location	Country	Status
333	A.06.12.04	line 2	UK	Panel Convenor
Comment	Delete The dynamic factors associated with placing a module on a transportation barge in open seas are greater that those associated with their placement onto a fixed platform or on to the deck of the crane vessel.			
Proposed	Add The dynamic actions associated with placing a module on a transportation barge in open seas may be greater that those associated with its placement onto an installation offshore or on to the deck of the crane vessel and should be checked..			

Reply

ID	Clause	Location	Country	Status
332	A.06.12.04	Para 1	UK	Panel Convenor
Comment	"greater that" should be changed to "greater than"			

Proposed

Reply

ID	Clause	Location	Country	Status
516	A.06.12.04	title	NL	Panel Convenor
Comment	Spelling.			

Proposed Change to "set-down" (with hyphen).

Reply

ID	Clause	Location	Country	Status
520	A.07		NL	Panel Convenor
Comment	Several subclauses appear to contain requirements using "shall", in quite a few cases even using "must". If these occasions are really intended as requirements, then they "shall" be transferred to Clause 7. If not, "shall" and "must" should be replaced by "should", where necessary with amended formulations.			

Proposed

Reply

ID	Clause	Location	Country	Status
793	A.07.08.01	last para	FR	Panel Convenor
Comment	ISO 13626 is not listed in Section 2, nor in the Bibliography.			

Proposed Correct Section 2 and/or Bibliography

Reply

ID	Clause	Location	Country	Status
341	A.07.10.01	Para 1 line 1	UK	Panel Convenor
Comment	Grammar: delete "cause"			

Proposed

Reply

ID	Clause	Location	Country	Status
342	A.07.10.01	para 6	UK	Panel Convenor
Comment	start with "Accidents.... " what is clause 16?:			

Proposed

Reply

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ID	Clause	Location	Country	Status
344	A.07.10.04. 01.02	Last para	UK	Panel Convenor

Comment ref 19 is 20 and 20 is No 21

Proposed

Reply

ID	Clause	Location	Country	Status
345	A.07.10.04. 01.04	P68	UK	Panel Convenor

Comment Ref 21 should be ref 22 which should be "Offshore Technology Report OTO 1999-048 Explosion pressures evaluation in Early Project Phase" Health and Safety Executive.

Proposed

Reply

ID	Clause	Location	Country	Status
346	A.07.10.04. 01.04	Para 2	UK	Panel Convenor

Comment I think ref 47 should be 49

Proposed

Reply

ID	Clause	Location	Country	Status
348	A.07.10.04. 01.04	Ref XX	UK	Panel Convenor

Comment Ref XX is "FABIG Technical Note 8 "protection of piping systems Subject to Fires and Explosions, The steel construction Institute, Silwood Park Ascot, Berks England.

Proposed

Reply

ID	Clause	Location	Country	Status
349	A.07.10.04. 01.04	Refs	UK	Panel Convenor

Comment 5) Ref 49 to be 50

Proposed

Reply

ID	Clause	Location	Country	Status
358	A.07.10.04. 02.04	Last para	UK	Panel Convenor

Comment Refs 22,23,24 to be 23, 24, 25

Proposed

Reply

ID	Clause	Location	Country	Status
360	A.07.10.04. 02.07	P71	UK	Panel Convenor

Comment at end refs22, 23 to be 23, 24 and 24, 25 to be25, 26

Proposed

Reply

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ID	Clause	Location	Country	Status
361	A.07.10.04. 02.07	Para 1	UK	Panel Convenor

Comment 7.9.2 to be 7.010.2

Proposed

Reply

ID	Clause	Location	Country	Status
362	A.07.10.04. 02.07	Para 2	UK	Panel Convenor

Comment 6th word "in" not "In".

Proposed

Reply

ID	Clause	Location	Country	Status
363	A.07.10.04. 02.07	Para 3	UK	Panel Convenor

Comment Reference 951 should probably read Reference [51]

Proposed

Reply

ID	Clause	Location	Country	Status
364	A.07.10.04. 02.07	Para 3	UK	Panel Convenor

Comment ref 19 to be 20 and I think ref 951 is a lost reference "Introduction to structural Dynamics" by J Briggs. McGraw Hill.

Proposed

Reply

ID	Clause	Location	Country	Status
365	A.07.10.04. 02.07	Para 3 z	UK	Panel Convenor

Comment add at end of "for charts for rebound response see ref 23"

Proposed

Reply

ID	Clause	Location	Country	Status
366	A.07.10.04. 02.08	Para 2	UK	Panel Convenor

Comment should "e.g. EC3, AISC etc until end" be deleted or should the standards be defined in the ref list

Proposed

Reply

ID	Clause	Location	Country	Status
367	A.07.10.04. 02.09	para 1	UK	Panel Convenor

Comment Beam or girder: ref 19 is 20 (and add 23) and 54 is I think Norsok standard N004 "Design of steel structures"

Proposed

Reply

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ID	Clause	Location	Country	Status
369	A.07.10.04. 02.09	Para z	UK	Panel Convenor

Comment 3) ref 22 is 23 and 18 is 19 I think

Proposed

Reply

ID	Clause	Location	Country	Status
350	A.07.10.04. 02.10	Para 1	UK	Panel Convenor

Comment Ref 2 is 23, 24. Ref 56 is "Rotation Capacity of Steel Members subject to Local buckling, B Kato Proc 9th world conference on earthquake engineering Japan 1989 Vol 4", ref 22 is ref 23.

Proposed

Reply

ID	Clause	Location	Country	Status
351	A.07.10.04. 02.10	para 2	UK	Panel Convenor

Comment Ref 19 is 20, 54 is Norsok N004, and again at end of para

Proposed

Reply

ID	Clause	Location	Country	Status
352	A.07.10.04. 02.12	Para 1	UK	Panel Convenor

Comment : full title of TN6 reference is "FABIG Technical Note 6 "Design Guide for steel at elevated temperatures and high strain rates 2001" The steel construction Institute, Silwood Park Ascot, Berks England

Proposed

Reply

ID	Clause	Location	Country	Status
353	A.07.10.04. 02.13	Para 1	UK	Panel Convenor

Comment top of page 74, add caveat "In general", before "weldments"

Proposed

Reply

ID	Clause	Location	Country	Status
355	A.07.10.04. 02.13	z	UK	Panel Convenor

Comment Ref at end is Norsok N004, I think

Proposed

Reply

ID	Clause	Location	Country	Status
356	A.07.10.04. 02.14	Para 2	UK	Panel Convenor

Comment ", can not" change to " cannot"

Proposed

Reply

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ID	Clause	Location	Country	Status
371	A.07.10.04.03	Para 5	UK	Panel Convenor

Comment ref 18 is 19

Proposed

Reply

ID	Clause	Location	Country	Status
372	A.07.10.04.03	Para 6	UK	Panel Convenor

Comment ref 26 is 27

Proposed

Reply

ID	Clause	Location	Country	Status
373	A.07.10.04.03	Para 7	UK	Panel Convenor

Comment to read "Further guidance on design explosion mitigation systems including explosion relief panels can be found in reference 28"

Proposed

Reply

ID	Clause	Location	Country	Status
804	A.07.10.04.04		FR	Panel Convenor

Comment Mostly, the sections in Annex A are aligned with corresponding sections in the normative section. This one seems not fully consistent in subject matter.

Proposed Section numbering to be checked

Reply

ID	Clause	Location	Country	Status
375	A.07.10.05.02	z	UK	Panel Convenor

Comment Include at end reference to TN6 (full title is above)

Proposed

Reply

ID	Clause	Location	Country	Status
811	A.07.10.05.04	last para	FR	Panel Convenor

Comment NLFEM is not defined.

Proposed

Reply

ID	Clause	Location	Country	Status
812	A.07.10.05.05	last section	FR	Panel Convenor

Comment Punctuation errors and wording incomplete.

Proposed Text to be completed

Reply

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ID	Clause	Location	Country	Status
376	A.07.10.08	title	UK	Panel Convenor
Comment	After swinging add masses			
Proposed				
Reply				
379	A.08.05.01	"	UK	Panel Convenor
Comment	Delete affects, add effects			
Proposed				
Reply				
383	A.08.07		UK	Panel Convenor
Comment	Correct references			
Proposed				
Reply				
384	A.08.07		UK	Panel Convenor
Comment	Ref 36 should be 38?			
Proposed				
Reply				
541	A.09.02.02		NL	Panel Convenor
Comment	Plural forms.			
Proposed	Change to "... for offshore topsides structures include References ..."			
Reply				
542	A.09.02.03		NL	Panel Convenor
Comment	Remove dash at the beginning, and comma after [38].			
Proposed				
Reply				
543	A.09.02.05		NL	Panel Convenor
Comment	Consistency of terminology across ISO 19900 series of standards re the term "capacity".			
Proposed	Change "shear capacity" to "shear strength".			
Reply				
555a	A.10.02	para 1	NL	Panel Convenor
Comment	1) line 1: consistency of terminology.			
Proposed	1) Change "topside structures" to "topsides structures".			
Reply				

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ID	Clause	Location	Country	Status
555b	A.10.02	para 1	NL	Panel Convenor
Comment	2) line 2: grammar.			
Proposed	2) Put a comma after "Conversely, ..."			
Reply				

ID	Clause	Location	Country	Status
555c	A.10.02	para 1	NL	Panel Convenor
Comment	3) line 3: change of text.			
Proposed	3) Change "subject to" to "subjected to".			
Reply				

ID	Clause	Location	Country	Status
556a	A.10.05		NL	Panel Convenor
Comment	1) para 3, line 2: consistency of spelling.			
Proposed	1) Change "long term" to "long-term".			
Reply				

ID	Clause	Location	Country	Status
556b	A.10.05		NL	Panel Convenor
Comment	2) para 5, line 2: spelling, use a hyphen.			
Proposed	2) Change "non conductive" to "non-conductive".			
Reply				

ID	Clause	Location	Country	Status
827	A.10.05	1st paragraph	FR	Panel Convenor
Comment	Composites are insulating, except carbon composites			
Proposed	Change "Composites are strong, insulating, and durable..." by "Composites are strong, insulating (except carbon composites), durable..."			
Reply				

ID	Clause	Location	Country	Status
558a	A.11		NL	Panel Convenor
Comment	1) line 1: consistency of terminology.			
Proposed	1) Change "topside structures" to "topsides structures".			
Reply				

ID	Clause	Location	Country	Status
558b	A.11		NL	Panel Convenor
Comment	2) line 2: consistency of terminology.			
Proposed	2) Change "substructures" to "support structures".			
Reply				

ID	Clause	Location	Country	Status
558c	A.11		NL	Panel Convenor
Comment	3) item iii): "shear capacity".			
Proposed	3) Change to "shear strength".			
Reply				

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ID	Clause	Location	Country	Status
558d	A.11		NL	Panel Convenor

Comment 4) item vi: last sentence.

Proposed 4) Remove brackets around the sentence and close off with a full stop.

Reply

ID	Clause	Location	Country	Status
562	A.12	line 3	NL	Panel Convenor

Comment The word "facility" is an ill-defined term; avoid using it.

Proposed Change to "... the facility topsides to be fabricated."

Reply

ID	Clause	Location	Country	Status
564a	A.14	1) item 5): "the platform plant"	NL	Panel Convenor

Comment Replacement of the words "installation" (see also next item) and "element".

Proposed 1) Change to "the topsides plant".

Reply

ID	Clause	Location	Country	Status
564b	A.14	2) item 6) ii): "structural elements"	NL	Panel Convenor

Comment Replacement of the words "installation" (see also next item) and "element".

Proposed 2) Change to "structural components".

Reply

ID	Clause	Location	Country	Status
564c	A.14	3) item 6) iv): "presence of such components" is unclear	NL	Panel Convenor

Comment Replacement of the words "installation" (see also next item) and "element".

Proposed 3) Fine an alternative to "components", perhaps "parts", "cases" or "operations".

Reply

ID	Clause	Location	Country	Status
571a	A.16.01	1) para 3, line 1: "for a particular installation".	NL	Panel Convenor

Comment As for 16.01.

Proposed 1) Change to "for a particular topsides".

Reply

ID	Clause	Location	Country	Status
571b	A.16.01	2) para 5, line 1: "design and construction of an installation".	NL	Panel Convenor

Comment As for 16.01.

Proposed 2) Change to "design and construction of a topsides".

Reply

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ID	Clause	Location	Country	Status
571c	A.16.01	3) para 5, line 3: "for the installation".	NL	Panel Convenor

Comment As for 16.01.

Proposed 3) Change to "for the topsides structure".

Reply

ID	Clause	Location	Country	Status
572a	A.16.02	1) line 1: "on fixed platforms".	NL	Panel Convenor

Comment As for 16.01 and 16.2 and A.016.01.

Proposed 1) Change to "on fixed structures".

Reply

ID	Clause	Location	Country	Status
572b	A.16.02	2) line 2: "on floating installations".	NL	Panel Convenor

Comment As for 16.01 and 16.2 and A.016.01.

Proposed 2) Change to "on floating structures".

Reply

ID	Clause	Location	Country	Status
572c	A.16.02	3) last line: "particular installation".	NL	Panel Convenor

Comment As for 16.01 and 16.2 and A.016.01.

Proposed 3) Change to "particular structure".

Reply

ID	Clause	Location	Country	Status
573	A.16.03	title	NL	Panel Convenor

Comment Make it the same as 16.3.

Proposed Change to "... topsides facilities structures".

Reply

ID	Clause	Location	Country	Status
574a	A.16.03.05	1) line 1: "for the installation".	NL	Panel Convenor

Comment As before.

Proposed 1) Change to "for the topsides structure".

Reply

ID	Clause	Location	Country	Status
574b	A.16.03.05	2) line 3: "integrity of the installation".	NL	Panel Convenor

Comment As before.

Proposed 2) Change to "integrity of the topsides".

Reply

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ID	Clause	Location	Country	Status
871	A.16.04		US	Panel Convenor

Comment Why introduce DVI in the annex?

Proposed Eliminate reference to DVI.

Reply

ID	Clause	Location	Country	Status
872	A.16.04		US	Panel Convenor

Comment GVI and CVI is not overall inspection

Proposed Change overall inspection to visual inspection

Reply

ID	Clause	Location	Country	Status
873	A.16.04		US	Panel Convenor

Comment The sentence before the list of NDE techniques could be improved...

Proposed Suggest: Non-destructive examination is used to investigate defects found during the inspection program. The most commonly used techniques include:

Reply

ID	Clause	Location	Country	Status
874	A.16.04		US	Panel Convenor

Comment Standardize the inspection nomenclature

Proposed MT (magnetic particle), UT (ultrasonic) and ET (eddy current)

Reply

ID	Clause	Location	Country	Status
575a	A.16.05.01	1) line 2: "requires to be"	NL	Panel Convenor

Comment As before.

Proposed 1) Change to "should be".

Reply

ID	Clause	Location	Country	Status
575b	A.16.05.01	2) line 5: particular installation".	NL	Panel Convenor

Comment As before.

Proposed 2) Change to "particular topsides".

Reply

ID	Clause	Location	Country	Status
575c	A.16.05.01	3) line 5: similar installations".	NL	Panel Convenor

Comment As before.

Proposed 3) Change to "similar topsides".

Reply

ID	Clause	Location	Country	Status
576	A.16.05.04	line 3	NL	Panel Convenor

Comment As before: "for installation reuse"

Proposed Change to "for topsides reuse".

Reply

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ID	Clause	Location	Country	Status
579a	A.17	1) Consistency of spelling.	NL	Panel Convenor

Comment As before.

Proposed 1) Change "re-use" to "reuse" (one word) 2x).

Reply

ID	Clause	Location	Country	Status
579b	A.17	2) para 4, line 4/5: "adequate capacity".	NL	Panel Convenor

Comment As before.

Proposed 2) Change to "adequate strength".

Reply

ID	Clause	Location	Country	Status
579c	A.17	3) para 4, line 5: "re-used platform".	NL	Panel Convenor

Comment As before.

Proposed 3) Change to "reused topsides".

Reply

ID	Clause	Location	Country	Status
685	Z Bibliography		DK	Panel Convenor

Comment NORSOK are frequently listed throughout the document but not included in the list of references.

Proposed Include references to relevant NORSOK-codes.

Reply

ID	Clause	Location	Country	Status
687	Z Bibliography		DK	Panel Convenor

Comment Comment: Update references regulations:
Ref. (11): DNV Class Note 30.5. Superseded by DNV-RP-C205 (issued April 2007).

Proposed (11): DNV-RP-C205 Environmental Conditions and Environmental Loads, 2007

Reply

ID	Clause	Location	Country	Status
829	Z Bibliography		FR	Panel Convenor

Comment There are a significant number of superseded documents, and a lot of referenced documents are not listed.

Proposed

Reply

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ID	Clause	Location	Country	Status
584	Z Bibliograph y	[1]	NL	Panel Convenor

Comment Reference has been superseded and replaced by (an) other one(s)

Proposed

Reply

ID	Clause	Location	Country	Status
586	Z Bibliograph y	[13]	NL	Panel Convenor

Comment Duplicate entry; already referenced in [9].

Proposed Remove and adjust numbering.

Reply

ID	Clause	Location	Country	Status
587	Z Bibliograph y	[17], [32], [48] and [50]	NL	Panel Convenor

Comment These numbers are not referenced in the text.

Proposed Add appropriate cross-references in the text, or delete the numbers from the Bibliography.

Reply

ID	Clause	Location	Country	Status
386	Z Bibliograph y	[47] & [48]	UK	Panel Convenor

Comment Are these publicly available?

Proposed

Reply

ID	Clause	Location	Country	Status
588	Z Bibliograph y	[52]	NL	Panel Convenor

Comment Number does not occur at all.

Proposed Adjust numbering as required.

Reply

ID	Clause	Location	Country	Status
589	Z Bibliograph y	[53] to [57]	NL	Panel Convenor

Comment Cross-references to these numbers are made in the text, but the associated References are not listed in the Bibliography.

Proposed Provide References for [53] to [57].

Reply

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ID	Clause	Location	Country	Status
387	Z Bibliograph y	[7]	UK	Panel Convenor

Comment There is a new Edition of RP2A-WSD with new addenda

Proposed

Reply

ID	Clause	Location	Country	Status
585	Z Bibliograph y	[7]	NL	Panel Convenor

Comment API RP2A - WSD 20th edition has been superseded by the 21st edition (2000) with supplements S1 (2002) and S2 (2005).

Proposed

Reply

ID	Clause	Location	Country	Status
388	Z Bibliograph y	[8]	UK	Panel Convenor

Comment Is this still valid?

Proposed

Reply

ID	Clause	Location	Country	Status
389	Z Bibliograph y	29	UK	Panel Convenor

Comment Bring up to date - note latest editions

Proposed Delete [29] UKDepartment of Energy (HSE): Offshore Installations: Guidance on Design and Construction

Reply

ID	Clause	Location	Country	Status
390	Z Bibliograph y	34	UK	Panel Convenor

Comment Delete [34] BS 2573: 1983 - rules for the design of cranes etc

Proposed Add EN13852 -1 2004 General Purpose Offshore Cranes

Reply

ID	Clause	Location	Country	Status
583	Z Bibliograph y	throughout	NL	Panel Convenor

Comment Format.

Proposed Put all items in the ISO format for references.

Reply

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ID	Clause	Location	Country	Status
391	Z Bibliograph y	Title	UK	Panel Convenor

Comment After Bibliography, add and references

Proposed

Reply