SAFETY CULTURE SURVEY 2017

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About the study

This is a survey of human and organizational factors that may affect safety on board vessels in the [ship-owning company] fleet. The aim of the study is to learn about the status of our safety culture in general, not about specific vessels or crew members. The survey is conducted by researchers at the University of Bergen in collaboration with the HSSEQ department at [ship-owning company].

Responsibility for the study

The project leader is researcher Bjørn Sætrevik by the Faculty of psychology, University of Bergen. If you have any questions about the study, please contact the research team on e-mail bjorn.satrevik@uib.no or phone +47 55 58 86 83.

Who can access your responses?

The participant's individual responses will not be made available to [ship-owning company]. The researchers will make the reports, articles and presentations in such a way that individuals in the crew, vessel or company cannot be identified. Only anonymized summary results will be described and presented. The researchers are subject to confidentiality. The completed surveys and result files will be stored at the university and will be used for future research. The study is approved by Norwegian Centre for Research Data (http://www.nsd.uib.no, project number 56912). The information gathered in the study will be treated confidentially and all information will be anonymized before the project is completed, no later than January 2020.

Informed consent

By completing the questions on the following pages and submitting the survey, you agree to participate in the survey. It is voluntary to participate in the survey and you can withdraw from the survey without any consequences for you or having to explain why you want to withdraw. Every answer is important to the project and we appreciate your participation.

Submitting the survey

After filling in the survey, please place it in the enclosed reply envelope. You can post it yourself when on land, or hand it in to the vessel's postal service. The envelope will be received by the researchers at the University of Bergen.

Thank you,

1: BACKGROUND

1.	Date for answerin	g the su	rvey?	Write date:				
2.	What is your age	:?						
	Under 26 years	26-30 years	31-35 years	36-40 years	41-45 years	46-50 years	51-55 years	Over 55 years
	\Box_1	\Box_2	□ ₃	□4	□5	\Box_{6}	□ 7	□8
3.	What is your nation	nality?		Write coun	try:			
4.	In which departn	nent do	you work?	Place only <u>c</u>	<u>ne</u> cross eve	en if you wor	k several	places.
	Deck		Engine	Ga	lley	Other		
	□1		\Box_2		□ 3	□4		
5.	How long have yo	u been v	working at yo	ur current ve	ssel?			
	0-1 years		1-2 years	2-3	years	3-4 years	5 or	more years
	□1		\Box_2		∃ 3	□4		□5
6.	How long have yo	u worke	d for this ship	ping compai	ıy?			
	0-1 years		1-2 years	2-3	years	3-4 years	5 or	more years
	□1		\square_{2}		∃ 3	□4		□5
7.	Are you a captain?	>	Yes		No			
			□1	С	□ 2			

2: SITUATION AWARENESS

Below are statements about the safety situation in your workplace on board. Place a mark to show how much you agree with each statement from 1 (completely disagree) to 5 (completely agree).

		Completely disagree	Partly disagree	Neutral	Partly agree	Completely agree
8.	I notice when an unsafe situation is about to arise at my workplace	□1	\Box_2	□3	□4	□5
9.	I sometimes lose track of information relevant for maintaining safety in my work	\Box_1	\Box_2	□3	□4	□5
10.	It can be difficult to know which consequences my actions will have for safety	□1	\Box_2	□3	□4	□5
11.	I sometimes lose track of safety because I get too much information at the same time	: □1	\Box_2	\square_3	□4	□5
12.	I plan ahead to see what kind of accidents/near-misses I should be prepared for	□1	□2	□3	□4	□5
13.	I know which information is relevant for safety and which is not	\Box_1	\Box_2	□3	□4	□5
14.	It would be difficult for me to predict how an accident/near-miss will develop	□1	\Box_2	□3	□4	□5
15.	I always know how to act to maintain safety	□1	\Box_2	Пз	□4	□5
16.	I will be able to handle the accidents/near- misses that may arise	□1	\Box_2	□3	□4	□5

			Completely disagree	Partly disagree	Neutral	Partly agree	Completely agree
1	17.	Some of the safety information is presented in a way that makes it difficult to understand	□1	\Box_2	□3	□4	□5
1	18.	I know when I have to be extra on guard against accidents/near-misses	□1	\Box_2	□3	□4	□5
1	19.	The information I need to assess safety is easily available	□1	\Box_2	□3	□4	□5
2	20.	I know which situations in my work that involve higher risk than others	□1	\Box_2	□ ₃	□4	□5

3: THE CAPTAIN'S FOCUS ON SAFETY

The next questions are about how you see the captain's concern for safety on board. If you are a captain, answer how you think the crew experience you as a captain. Place a mark to show how much you agree with each statement from 1 (completely disagree) to 5 (completely agree).

	The captain	Completely disagree	Partly disagree	Neutral	Partly agree	Completely agree
21.	makes sure we receive all the equipment needed to do the job safely	□1	\Box_2	\square_3	□4	□5
22.	frequently checks to see if we are all following the safety rules	\Box_1	\Box_{2}	\square_3	□4	\Box_{5}
23.	discusses with us how we can improve safety	□1	\Box_2	□3	□4	□5
24.	uses explanations (not just compliance) to get us to act safely	□1	\Box_{2}	□3	□4	□5
25.	emphasizes safety procedures when we are working under pressure	□1	\Box_2	□3	□4	□5
26.	frequently tells us about the hazards in our work	\Box_1	\Box_{2}	\square_3	□4	\Box_{5}
27.	follows the safety rules when work falls behind schedule	□1	\Box_2	□3	□4	□5
28.	is strict about working safely when we are tired and stressed	\Box_1	\Box_{2}	\square_3	□4	\Box_{5}
29.	reminds workers to work safely when needed	□1	\Box_2	□3	□4	□5
30.	makes sure we follow all the safety rules	□1	\Box_{2}	\square_3	□4	□5
31.	insists that we follow safety rules when fixing equipment or machines	□1	\Box_2	□3	□4	□5
32.	says a "good word" to workers who pay special attention to safety	□1	\Box_{2}	□3	□4	□5
33.	does not reduce the focus on safety at the end of the watch	□1	\Box_2	□3	□4	□5
34.	spends time on helping us learn to see problems before they arise	□1	\Box_{2}	□3	□4	□5
35.	frequently talks about safety issues	□1	\Box_2	□3	□4	□5
36.	insists that we wear appropriate personal protective equipment (PPE)	□1	\Box_{2}	\Box_3	□4	□5

4: [THE SHIP-OWNING COMPANY]'S FOCUS ON SAFETY

The next questions are about how you experience [ship-owning company]'s focus on safety on board. Answer based on your impression of the company, even if you do not have direct contact with the management in [ship-owning company]. Place a mark to show how much you agree with each statement from 1 (completely disagree) to 5 (completely agree).

	[The ship-owning company]	Completely disagree	Partly disagree	Neutral	Partly agree	Completely agree
37.	reacts quickly to solve the problem when told about safety hazards	□1	□2	□3	□4	□5
38.	insists on thorough and regular safety audits and inspections	□1	□2	□3	□4	□5
39.	tries to continually improve safety levels on board	□1	□2	□3	□4	□5
40.	provides all the equipment needed to do the job safely	\Box_1	\Box_2	□3	□4	□5
41.	is strict about working safely when work falls behind schedule	□1	□2	□3	□4	□5
42.	quickly corrects any safety hazard (even if it's costly)	□1	□ ₂	□3	□4	□5
43.	provides detailed safety reports to workers (e.g. injuries, near accidents)	□1	□2	□3	□4	□5
44.	considers a person's safety behavior when promoting people	□1	□ ₂	□3	□4	□5
45.	requires each captain to help improve safety on board	□1	□2	□3	□4	□5
46.	invests time and money in safety training for workers	□1	□ ₂	□3	□4	□5
47.	uses all available information to improve existing safety rules	□1	□2	□3	□4	□5
48.	listens carefully to workers' ideas about improving safety	□1	\Box_2	□3	□4	\Box_{5}
49.	considers safety when setting commercial goals	□1	□2	□3	□4	□5
50.	provides workers with a lot of information on safety issues	□1	□ ₂	□3	□4	□5
51.	regularly holds safety-awareness activities (e.g. officer and crew conferences and training courses)	□1	□2	□3	□4	□5
52.	gives safety personnel the power they need to do their job	□1	□ ₂	□3	□4	□5

5: THE CAPTAIN'S LEADERSHIP STYLE

How do you perceive the captain's leadership style? If you are a captain, answer according to how you think the crew see you as a captain. Place a mark to show how much you agree with each statement from 1 (completely disagree) to 5 (completely agree).

	The captain	Completely disagree	Partly disagree	Neutral	Partly agree	Completely agree
53.	says exactly what he means	□1	\Box_2	□3	□4	□5
54.	admits when he makes mistakes	□ 1	\Box_2	□3	□4	□5
55.	encourages everyone to speak their mind	□1	\Box_2	□3	□4	□5
56.	tells me the hard truth	□ 1	\Box_{2}	□3	□4	□5
57.	shows what he feels	□1	□2	□3	□4	□5
58.	demonstrate beliefs that are consistent with actions ("walk the talk")	□1	□2	□з	□4	□5
59.	makes decisions based on his core values	□1	□2	□3	□4	□5
60.	expects me to act according to my values	□1	\Box_{2}	□3	□4	□5
61.	makes difficult decisions based on high standards of ethical conduct	□1	□ ₂	□3	□4	□5
62.	asks others to present views that challenges his views	□1	\Box_{2}	□3	□4	□5
63.	analyzes relevant data before coming to a decision	□1	□2	□3	□4	□5
64.	listens carefully to different points of view before coming to conclusions	□1	□ ₂	□3	□4	□5
65.	seeks feedback to improve interaction with others	□1	□2	□3	□4	□5
66.	knows how others view his capabilities	□1	\Box_2	□3	□4	□5
67.	knows when it is time to reevaluate his position on important issues	□1	□2	□3	□4	□5
68.	shows that he understands how some actions impact others	□1	\Box_2	□3	□4	□5
69.	is sufficiently clear	□1	□2	□3	□4	□5
70.	will be able to lead in an emergency situation	□1	\Box_{2}	□3	□4	□5
71.	makes a good example for how to make sure that I and those around me are safe	□1	□2	□3	□4	□5
72.	appreciates when those on board raise safety issues	□1	\Box_{2}	□3	□4	□5
73.	will support me if I give priority to safety in all situations	□ ₁	□2	□3	□4	□5

6: SAFETY IN YOUR WORK

The statements below are about safety in your work on board. Place a mark to show how much you agree with each statement from 1 (completely disagree) to 5 (completely agree).

		Completely disagree	Partly disagree	Neutral	Partly agree	Completely agree
74.	I sometimes take part in parallel work operations that may lead to dangerous situations	□1	□ ₂	□3	□4	□5
75.	I tell colleagues to stop work if they do something dangerous	□1	\Box_2	□3	□4	□5
76.	I have taken safety "shortcuts" to get the job done	⁾ □ ₁	\Box_2	□3	□4	□5
77.	I sometimes expose myself or others to dange in order to get the job done	r □ 1	\Box_2	□3	□4	□5
78.	I sometimes avoid doing a task in a way that requires extra safety procedures	□1	\Box_2	□3	□4	□5
79.	I'm sometimes pressured to work in a way that I know may reduce safety	□1	\Box_{2}	□3	□4	□5
80.	I stop work if I think it can be dangerous for me or others to continue	□1	\Box_2	□3	□4	□5

7: THE USE OF SAFETY TOOLS

Below are statements about how different safety tools such as performing checklists, risk assessments, safety meetings and work permits are used to control risk. Place a mark to show how much you agree with each statement from 1 (completely disagree) to 5 (completely agree).

	, , , , , , , , , , , , , , , , , , ,	Completely disagree	Partly disagree	Neutral	Partly agree	Completely agree
81.	Safety procedures are always followed on board	□1	\Box_2	□3	□4	□5
82.	Rest hour regulations are always followed on board	□1	\Box_2	□з	□4	□5
83.	There is a culture on board to find more ways to reduce risk	□1	\Box_2	□3	□4	□5
84.	The crew tries to report all unwanted events	□1	\Box_2	□з	□4	□5
85.	Those with special safety responsibilities have sufficient mandate to fulfill that responsibility	□1	\Box_2	□3	□4	\Box_5
86.	Input from workers' representative and safety officer is taken seriously by management	□1	\Box_{2}	□3	□4	\Box_5
87.	Insufficient maintenance has led to poorer safety	□1	\Box_2	□3	□4	□5
88.	I have easy access to necessary personal protective equipment (PPE)	□1	\Box_{2}	□3	□4	□5
89.	I sometimes use the safety tools 'in an automatic mode', rather than carefully assessing the current situation	□1	□2	□3	□4	□5
90.	I will use safety tools again with minor changes, without thoroughly assessing the current situation	\Box_1	\Box_2	□3	□4	□5

		Completely disagree	Partly disagree	Neutral	Partly agree	Completely agree
91.	I sometimes break safety procedures to prevent the vessel or shipping company from looking 'bad'	□1	□2	□3	□4	□5
92.	I'm always actively involved when using safety tools	□1	□2	□з	□4	\Box_5
93.	I report all situations that could have led to an accident/near-miss	□1	\Box_2	□3	□4	□5
94.	I report all near-misses on board	\Box_1	\Box_2	□3	□4	□5
95.	I do not have enough time to use the safety tools properly	□1	□2	□3	□4	□5
96.	When I go on a watch I am informed about the relevant status and events from the previous watch	\Box_1	\square_2	□з	□4	□5
97.	When I go off watch, I inform the new shift about relevant status and events from my watch	□1	□2	□3	□4	□5
98.	Due to time pressure, I have to do administrative safety work during my rest period	□1	□2	□з	□4	□5
99.	The safety tools involve extra work that can reduce safety	□1	□2	□3	□4	□5
100.	I use safety tools because it's imposed on me, rather than because I see the benefits of it	\Box_1	\Box_2	□3	□4	□5
101.	I would mostly work the same way if the safety procedures were voluntary	□1	\Box_2	□3	□4	□5
102.	There is no point in reporting accidents/near- misses since it does not lead to improvements	\Box_1	\Box_2	□3	□4	□5
103.	Since it's impossible to prevent all accidents/ near-misses, we shouldn't spend too much resources on reporting	□1	□2	□3	□4	□5
104.	Reporting of accidents/near-misses can have negative consequences for me	□1	\Box_2	□3	□4	□5
	Reporting of accidents/near-misses can have negative consequences for the vessel	□1	□2	□3	□4	□5
	Reporting of accidents/near-misses can have negative consequences for the company	□1	□2	□3	□4	□5
	Investigations of accidents/near-misses are used to assign blame	□1	\Box_2	□3	□4	□5
	I am not motivated to report accidents/near- misses	□1	□2	□3	□4	□5
	It would take too much time if we were to report all the accidents/near-misses	□1	\Box_2	□3	□4	\square_5
	Reporting all accidents/near-misses will not be helpful to increase safety	□1	□2	□3	□4	□5
111.	Reports from accidents or dangerous situations are often changed to make the crew's actions look better	□1	□2	□3	□4	□5

8: SAFETY ATTITUDES FROM YOUR OWN POINT OF VIEW

Below are statements about safety attitudes. Place a mark to show how much you agree with each statement from 1 (completely disagree) to 5 (completely agree).

	Completely disagree	Partly disagree	Neutral	Partly agree	Completely agree
112. Other aspects of my work are more important than safety	□1	\Box_2	□3	□4	□5
113. Safety procedures often stand in the way of getting the job done efficiently	□1	\Box_2	□3	□4	□5
114. It is acceptable for me to take chances if I am the only person at risk	□1	\Box_2	□3	□4	□5
115. Safety has the first priority when I do my job	□1	\Box_{2}	\Box_{3}	□4	□5
In practice, consideration is given to 116. commercial interests rather than to health, work environment and safety	□1	\Box_2	□3	□4	□5
117. I share all information that can help improve safety	□ 1	\Box_2	\square_3	□4	□5
118. I am confident that it will be appreciated if I share information relevant for safety	□1	\Box_2	\square_3	□4	□5
I share part of the responsibility for an 119. accident/near-miss, even if I was not directly involved	□1	\Box_2	□3	□4	□5
I believe it is important to learn from 120. accidents/near-misses to improve safety in general	□1	□2	□3	□4	□5
121. I appreciate and seek out new ideas to improve safety	□1	\Box_{2}	\square_3	□4	□5
122. Safety begins with me	□1	\Box_2	□3	□4	□5

Thank you very much for taking the time to participate in the survey!