

Safety Leadership Self-Efficacy Scale (SLSES) in Maritime Context

SELF-EVALUATION FORM

General description: The following questionnaire consists of three parts to measure your safety leadership self-efficacy.

Each question asks your belief regarding your current ability to perform certain leadership behaviours for safety on board ships.

Please rate your confidence in ability to execute the following actions on a scale of 0 to 4.

0 Not at all - 1 Slight extent - 2 Moderate extent - 3 Great extent - 4 Very great extent

Code	Question	Your rating:				
		0	1	2	3	4
MF1	I encourage my crew members to report errors, near-misses or other safety-related information without fear of the consequences	☐	☐	☐	☐	☐
MF2	I'm confident in ensuring the motivation of crews to follow Safety Management Systems (SMS)	☐	☐	☐	☐	☐
MF3	I'm able to make the crew more confident to accomplish their tasks	☐	☐	☐	☐	☐
MF4	I always appear honest and credible to others	☐	☐	☐	☐	☐
MF5	I'm aware of my influence and know what leadership strategies or tactics are needed to ensure safety in various situations	☐	☐	☐	☐	☐
MF6	I'm able to clearly articulate the desired safety behaviors and work practices	☐	☐	☐	☐	☐
MF7	I'm able to foster open and frequent communication among crew members on safety issues	☐	☐	☐	☐	☐
MF8	I'm concerned with how crew members perceive justice and seek to lead in a fair manner	☐	☐	☐	☐	☐
MF9	I always care about crew member' safety, I express compassion and empathy where appropriate	☐	☐	☐	☐	☐

MF10	I have the necessary competence to provide proper directions to the crew	☐	☐	☐	☐	☐
MF11	I always use logical arguments and factual evidence to ensure crew members' compliance with safety rules/procedures	☐	☐	☐	☐	☐
MF12	I have the cultural awareness to communicate effectively with all crew members	☐	☐	☐	☐	☐
MF13	I'm willing to reflect on, and revise my decisions based on feedback from the crew	☐	☐	☐	☐	☐
SM1	I seriously consider the subordinates' suggestions and initiatives for improving safety	☐	☐	☐	☐	☐
SM2	I actively listen to the crew members, and promote their involvement in decision making	☐	☐	☐	☐	☐
SM3	When undesirable incidents occur, I will be able to improvise to handle the situation effectively	☐	☐	☐	☐	☐
SM4	I'm able to use formal authority to ensure crew members adhere to the safety procedures and policies	☐	☐	☐	☐	☐
SM5	I'm able to mobilize the resources to make effective decisions in a timely manner	☐	☐	☐	☐	☐
SM6	I'm able to proactively manage safety risks	☐	☐	☐	☐	☐
SI1	I'm able to initiate and engage in toolbox sessions during safety meetings on board	☐	☐	☐	☐	☐
SI2	I provide feedback on task performance frequently	☐	☐	☐	☐	☐
SI3	I involve my crew members actively in recommending revisions to established procedures	☐	☐	☐	☐	☐
SI4	I'm able to closely observe crew performance during safety drills on board, and highlight shortcomings and good work	☐	☐	☐	☐	☐
SI5	I always ensure achievable safety goals are set	☐	☐	☐	☐	☐

Safety Leadership Self-Efficacy Scale (SLSES)

SCORING INSTRUCTION

Total Scores:

Efficacy on safety motivation facilitation (MF1-MF13): _____

Efficacy on safety management (SM1-SM6): _____

Efficacy on safety initiatives (SI1-SI5): _____

The safety leadership scores can be interpreted using the following guideline. Scores in the upper range indicate stronger safety leadership, whereas scores in the lower range indicate weaker safety leadership.

<i>Dimension</i>	Low	Moderate-low	Moderate	Moderate-high	High
Safety motivation facilitation	0-10	11-21	22-32	33-42	43-52
Safety management	0-5	6-10	11-15	16-20	21-25
Safety initiative	0-4	5-8	9-12	13-16	17-20