



TECHNICAL CIRCULAR No. 730 of 6th May 2022

To	All Surveyors/Auditors. All flags
Title	Seafarers IT Training
Reference	STCW Convention

Why Seafarers Should Take IT Training

There is a need to enable seafarers to understand and learn with this evolving world. Artificial intelligence and facial recognition will enable learners to do e-learning at sea at a time. The liberalization of training allows individuals to take charge. Individuals should take responsibility for their own careers. Seafarers will increasingly have to take care of their own training if they want to succeed in the high-tech maritime business of the future, even they are elderly workers who struggle with computers.

E-learning at sea

There is a need to enable seafarers to come to grips with this evolving world. A modern ship has a lot of data, but much of its potential remains untapped. A vessel produces up to 20GB of data every day. The problem arises when there is too much data and not enough insight. Artificial intelligence and facial recognition will enable learners to do e-learning at sea at a time of their choosing. Their faces can be read so the machine can detect if a candidate has substituted someone else to take an assessment or step away from the screen to cheat in an exam. The world needs skilled seafarers. There's a shortage of officers at the management level. Thirteen months at sea will cause a mental health crisis. Having the right people on a team will be more important than ever. Seafarers will need technical skills, but also soft skills in areas such as leadership and communication. Artificial intelligence (AI) and machine learning will support the hiring process. Shipping companies increasingly need seafarers to be able to adapt to different vessel types. It is

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down to the individual to take responsibility for their own careers.
In the future STCW Convention may be rewritten due to actual developments.

REFERENCES:

- CONARINA ISM- STCW- Safety4Sea

ATTACHMENTS: No

Kindest Regards,
CONARINA Technical Office

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