



KONGSBERG

K-Chief 700 Step 1 – System Introduction

COMPANY SHARED

KONGSBERG PROPRIETARY: This document contains KONGSBERG information which is proprietary and confidential. Any disclosure, copying, distribution or use is prohibited if not otherwise explicitly agreed with KONGSBERG in writing, and authorized reproduction in whole or in part, must include this legend. © 2018 KONGSBERG. All rights reserved.



KONGSBERG

Instructor Presentation

- Name:
- Education:
- Experience before working in Kongsberg Maritime:
- Experience in Kongsberg Maritime:



KONGSBERG

HMS and practical information

- Fire instruction – training centre
- Coffee break and lunch arrangement
- Student Computers/Internet access
- Toilets
- Smoking



KONGSBERG

Trusted by



30,000+ vessels

Employees



7,300 people

117 offices in



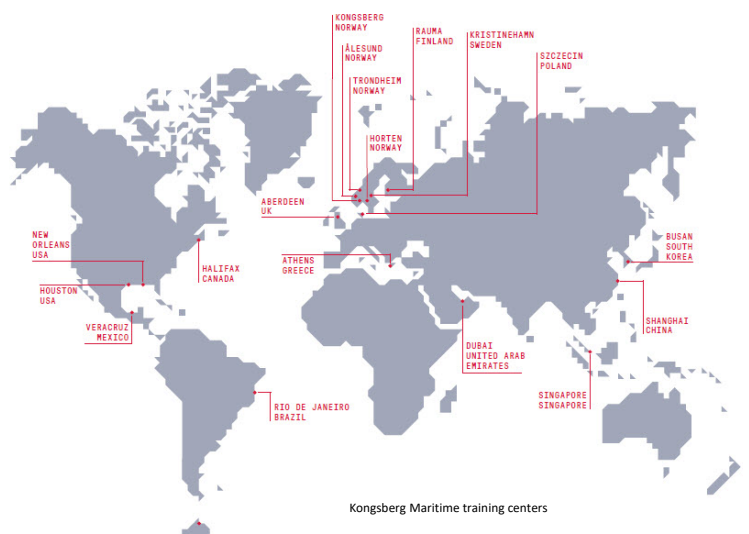
34 countries

Experience



150+ years

KONGSBERG Maritime





KONGSBERG

KONGSBERG History

- 1814 Founding of Kongsberg Weapon Factory
- 1977 First installation of DP system on SEAWAY EAGLE (17 May 1977).
- Mid 80s First delivery of Automation systems for onshore installation.
- 1986-1987 Kongsberg Weapons Factory restructured
- 1995 Name changed to Kongsberg Gruppen
- 1996 Simrad introduces SDP and a new Integrated Automation System.
- 1996 Kongsberg Gruppen acquires Simrad.
- 1997 Kongsberg Maritime (KM) is formed (Simrad and Norcontrol)
- 2014 200th anniversary of the group
- 2019 Rolls-Royce Commercial Marine becomes an integrated part of KM



WORLD CLASS – Through people, technology and dedication

KONGSBERG PROPRIETARY - See Statement of Proprietary information

5



KONGSBERG

K-Chief 700 Step 1, Course Description

Duration

- 5 days

Content of course

- Introduction to K-Chief 700
- Main system components overview
- Mimics/images
- Basic operation
- Access rights
- Alarm system
- Module definitions
- Trends and Reports
- Sequence
- Power Management
- K-Safe
- Watch Call



WORLD CLASS – Through people, technology and dedication

KONGSBERG PROPRIETARY - See Statement of Proprietary information

6



KONGSBERG

K-Chief 700 Step 1

Course Schedule

	Day 1	Day 2	Day 3	Day 4	Day 5
09.00	Course Introduction	Access Control	Alarm System	Watch Call	User trends
09.30	System Overview		Exercises		Reports
10.00	Break	Break	Break	Break	Break
10.15		Tools	Exercises	Safety	Exercises
11.00	Exercises				Assessment
12.00	Lunch	Lunch	Lunch	Lunch	Lunch
12.45	Images and Function Modules	Exercises		Sequences	Summary
13.30			Analogue Measurement	Power Management	Course ends at 13.00
14.15	Break	Break	Break	Break	
14.30	Exercises	Flexi Module	Exercises	Trends and Reports	
15.30	End of day 1	End of day 2	End of day 3	End of day 4	

WORLD CLASS – Through people, technology and dedication

KONGSBERG PROPRIETARY - See Statement of Proprietary information

7



KONGSBERG

Course Participant Presentation

- Name
- Company
- Position on-board
- Maritime experience
- Experience with Kongsberg equipment
- Expectations to this course

WORLD CLASS – Through people, technology and dedication

KONGSBERG PROPRIETARY - See Statement of Proprietary information

8



KONGSBERG

Before the course starts



All students who have registered in private must complete the Kongsberg Training Participation Declaration.

Participants check that their name is correct written on the name list.



KONGSBERG

Terms and conditions for training

Some Highlights

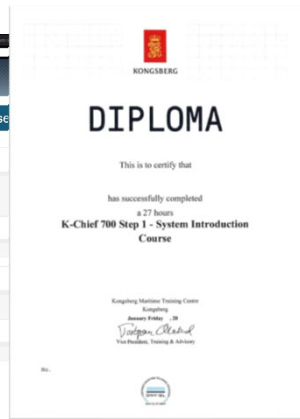
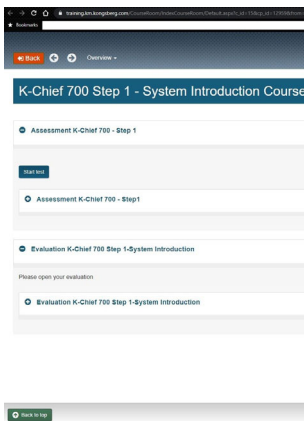
- The T&C apply to all training provided by KONGSBERG
- We expect all participants to behave in a polite and appropriate manner
- No training material shall be copied or otherwise distributed to third parties
- Courses are not to be recorded in any way without the prior written consent of KONGSBERG.
- The training is not intended to replace, substitute or supply user manuals or other documentation supplied with any equipment or system
- It is not allowed to take any photos in KONGSBERG premises
- A description of the circumstances under which we may collect personal data is provided in Kongsberg Gruppen's Privacy Statement, available at our official website:

<https://www.kongsberg.com/maritime/about-us/how-we-oper-ate/privacy-statement-for-kongsberg/>



KONGSBERG

When the course is finished



Assessment

Course Evaluation

- Why evaluate the course: We do believe in continuously improvement, and your evaluation and feedback is of great value in this process
- Did we meet your expectations?

Certificates

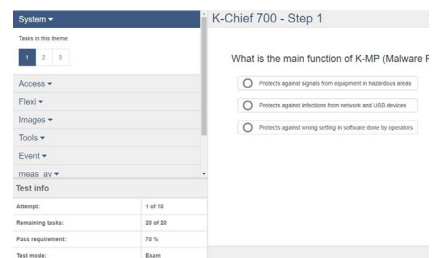
Memory sticks



KONGSBERG

Assessment

- Kongsberg Learning Management System <https://training.km.kongsberg.com>
- Multiple choice. 20 questions, 30 minutes
- Pass requirement: 70%, one attempt
- Diploma with either “attended” or “successfully completed”



Total task count: 20
Remaining tasks: 3
Pass requirement: 70%
Test mode: Exam

Testresult
 Pass requirement: 70 % Your score: 100 %



KONGSBERG

Information about the K-Chief Step 2 – Maintenance

The next step in the K-Chief courses.

Following on from the step 1 course (Step 1 is an entry requirement)

Practical course is aimed at engineers, electronic technicians and electricians responsible for maintaining the K-Chief system.

Covers:

- In-depth coverage of the different hardware modules and field stations.
- Troubleshooting and configuration of the system I/O.

After the course the successful participant is able to:

- Explain the functionality of the K-Chief 700 system including main system components and hardware modules.
- Perform maintenance and fault-finding on the K-Chief 700 system.

Duration: 27 hours



KONGSBERG

**End of the
presentation**