

Timeplan 2012-2017

Pilot & VTS CRM Course Phase 2. Program

Day 1

08:30	Welcome to FORCE Technology <ul style="list-style-type: none">• Introduction of FORCE Technology and instructors• Safety procedures• Practical information• Presentation of participants• Overall Learning objectives & tools
09:00	Establishing own success criteria
09:20	Break
09:40	Exercise 0
10:20	Break
10:30	Decision Making & Situation awareness <ul style="list-style-type: none">• Process of DM• Dynamics and core factors in DM• Biases in DM• Characteristics and outcome of proper SA• Signals of degraded SA• Common picture and SA
11:30	Human Factors – Overriding principles <ul style="list-style-type: none">• Why Human Factors - Goals• Safety Critical Domain• Human Error & Safety II
12.00	Lunch
12:45	Risk and safety <ul style="list-style-type: none">• Risk, practical implementation• Risk Assessment -Legal concept• Risk and experience
13:30	Break
13:40	Leadership, Team building & Assertiveness <ul style="list-style-type: none">• The Team & the Safety Net• Assertive behavior• The Autocratic Pilot
14:15	Break
14:20	Simulation exercise no 1. Risk and Safety Bulk Carrier LOA 285 M – Departure Uddevalla Detailed planning and Risk Assessment
16:30	End of day 1

Day 2

08:30	Reflection
09:00	Debriefing of simulator exercise no 1.
09:40	Coffee break
09:55	Communication and cooperation <ul style="list-style-type: none">• Context and communication• Mental limitations and communication• Briefing & Planning• Effective communications
10:40	Coffee break
10:55	Cont. Communication and cooperation <ul style="list-style-type: none">• Workload and listening abilities• Barriers in communication<ul style="list-style-type: none">○ Poor English○ Cultural aspects
12:00	Lunch
12:45	Simulation exercise no. 2 Passing Cruise vessels
13:45	Debriefing Simulation no. 2
14:20	Coffee break
14:30	Attention <ul style="list-style-type: none">• Pilot Exchange – Typical mistakes• Attentional loop• Allocation of Mental Resources• Head down mode• Typical problems
15:00	Simulator exercise no 3. Attention – NAS and pilotage by distance
16:30	End of day 2

Day 3

08:30	Reflection
09:00	Debriefing of simulator exercise no 3
09:40	Coffee break
09:50	Safety Management & procedures in NCA by NCA representative
10:15	The Thinking process & Pilot – VTS ops. performance <ul style="list-style-type: none">• System I & II• System I: characteristics, advantages and weaknesses• System II: characteristics, advantages and weaknesses• Skill base, Rule based and connection with the two Systems• Practical examples and implementation
11:00	Coffee break
11:15	Adaptability & Safety <ul style="list-style-type: none">• SOPs and adaptability• Performance variability• New Safety concept
12:00	Lunch
12:45	Simulation exercise no 4. Emergency response 1
13:45	Debriefing of simulator exercise no 4
14:30	Coffee break
14:45	Mindful Safety Habits & behavioural change <ul style="list-style-type: none">• Goal• Impact on safety & performance
15:00	Simulation exercise no 5. Emergency response 2
16:30	End of day 3

Day 4

08:30	Reflection
09:00	Debriefing of simulator exercise no 5
09:40	Coffee break
09:50	Stress <ul style="list-style-type: none">• Impact on the Team and its performance• Impact on Communications• Importance of being stress• Tools and tricks for managing stress
10:50	Coffee break
11:00	Fatigue <ul style="list-style-type: none">• Impact in the Team's performance• Impact on the Team's awareness• Tools to reduce its impact
12:00	Lunch
12:40	Simulation exercise no 6. SAR Objectives: SAR training <ul style="list-style-type: none">• Communication• Decision-making• Search and rescue operation
13:25	Debriefing of simulator exercise
14:00	Case study: Close Quarters Tanker and Tug & Tow – analysis and findings Practical Learning events
14:40	Course evaluation
15:00	End of course