

**DAY 1 – Incident Investigation Course**

Time	Agenda	Index
1000 – 1015	Course Overview and Administration - Course Objectives - Overview of Workshop	
1015 – 1155	Introduction to Incident Investigation & Analysis - Why conduct Incident Investigation? - How Incident Investigation relates TMSA & ISM? What is an effective Incident Investigation? Introduction to the Loss Causation Model - Understanding Immediate Causes (Substandard Acts and Substandard Conditions) - Understanding Basic Causes (Job Factor & Personal Factor) Introduction to Incident and Accident Investigation tool - Marines Systematic Cause Analysis Techniques (M-SCAT)	1 & 2
1100 – 1230	Workshop 1 – Basic Application of M-SCAT Case Study – 1 “Carryall” Grounding	Case-1
1230 – 1330	Lunch	
1330 – 1400	Workshop Presentation and Discussion of Case-1	Case-1
1400 – 1500	Investigation in Practice - Process - STEP Diagram - Reporting - Corrective Action - Measurement and KPI - Trend	1 & 2
1500 – 1515	Break	
1515 – 1730	Workshop 3- Actual Case Study Using STEP and M-SCAT Case-3 Engine Room Flooding	Case-3
1730 – 1800	Workshop Presentation and Discussion	Case-3
1800	End of Day 1	

**DAY 2 – Incident Investigation Course (Continued) & Marine Risk Assessment**

Time	Agenda	Index
0930-0945	Review of Day 1	
0945-1045	<b>Marine Risk Assessment</b> Examining the Legislative and Business Drivers The basics	5 & 6
1045-1100	Break	
1100-1200	HAZARD Identification (HAZID) Workshop – STEP (Case Example)	7 (Case-8)
1200-1300	Lunch	
1300-1345	HAZARD Identification (HAZID) – SWIFT <Structured What If Technique> (Facilitation) – HAZOP, FMEA, Fault Tree, Event Tree	7
1345-1500	Workshop 4 HAZARD Identification – SWIFT (Case example)	Case-4
1500-1515	Break	
1515-1545	Presentation and discussion	
1545-1630	Prioritizing Risk Using Matrices (Theory and Examples) Risk Matrices Workshop	8
1630-1730	Making Decisions : Understanding Cost Benefit Assessments (CBA) and its applications CBA Workshop : Basic Application and Understanding	9
1730-1800	The Way Forward and Close	10
1800	End of the Course	

二日目終了後、研修内容を十分に理解されかつ要求されたレベルに達したとみなされた方に DIPLOMA（修了証書）をお渡しします。

At the end of DAY 2, DIPLOMA will be issued to the participants who have fully understood the content of the training and successfully achieved the required standard.