

Overview

Emergency Solutions International (ESI) works with ICS Canada to provide Canadian Incident Command System (ICS) course content, which is customized to the industrial facility. ESI is one of the few organizations in Atlantic Canada that may certify to the ICS Canada standard. Courses may be blended with emergency planning documents to provide an interesting and valuable learning experience. Each ICS course builds upon the previous one. Further, custom courses and table top exercises may be designed to reinforce learning objectives. Digital simulation may be used in courses covering Emergency Operations Centre (EOC) management, crisis communications and customized target hazard table top drills.



ICS History

An incident is an occurrence, either caused by humans or natural phenomena that requires a response to prevent or minimize loss of life or damage to property and/or the environment. An event is a non-emergency preplanned occurrence or activity. The ICS system is used to manage an emergency incident or a non-emergency event. It can be used equally well for both small and large situations.

The Incident Command System is based on the concept of a standardized on-scene, all hazard incident management process. ICS allows its' users to adopt an integrated organizational structure to match the complexities and demands of single or multiple incidents without being hindered by jurisdictional or political boundaries. ICS has considerable internal flexibility. It can grow or shrink to meet different needs. This flexibility makes it

ICS Purpose

Through the use of best practices ICS helps to ensure:

- . the safety of responders and others,
- . the achievement of tactical objectives, and
- . the efficient use of resources.

ICS consists of procedures for managing personnel, facilities, equipment and communications. ICS is designed to be used from the time an incident occurs until the requirement for management and operations no longer exists. Designers of the system recognized that ICS must be interdisciplinary and organizationally flexible to meet a number of management challenges, such as:

- . Meet the needs of incidents of any kind or size
- . Allow personnel from a variety of agencies to meld rapidly into a common management structure.
- . Provide logistical and administrative support to operational staff.
- . Be cost effective by avoiding the duplication of efforts.

Progressive Series of Courses

The maximum number of students for each class is 24, with a student to teacher ratio of 12:1.

ICS 402 – Incident Command System for Executives (2.5 hours)

Introduces the Incident Command System (ICS) and provides the foundation for executive understanding and participation in the ICS. This course describes the history, features and principles, and organizational structure of the Incident Command System, including the relationship between the Incident Commander and Agency Executives. The target audience includes executives, administrators, and policy makers involved with emergency planning and response or recovery efforts. There is no prerequisite for I-402 ICS for Executives.

ICS 100 – Introduction to the Incident Command System (7 hours)

Students will be introduced to an effective system for command, control, and coordination of response at an emergency site. Through ICS 100 students gain a basic understanding of the Incident Command System, its organization, principles, basic structure and common responsibilities. This course is of particular interest to first responders, security forces, agency managers and those who have a site-support role in an Emergency Operations Centre (EOC), and has no pre-requisite.

ICS 200 – Basic ICS for Single Resources and Initial Action Incidents (2 days)

Designed to enable personnel to operate efficiently during an incident or event within the Incident Command System. ICS-200 provides training on and resources for personnel who are likely to assume a supervisory position within the ICS. The prerequisite for I-200 is I-100.

ICS 300 – Intermediate ICS, ICS for Expanding Incidents (2.5 days)

Defines the unique qualities of ICS as an event or incident management system in an expanding situation. The course is designed to enable personnel to operate efficiently using the ICS in a supervisory role on expanding incidents. The course units and lessons provide a review of ICS fundamentals, assessing incidents and setting objectives, Unified Command, Resource Management, the planning process, demobilization, transfer and termination of command of an incident. The prerequisites for I-300 are I-100 and I-200.

ICS 400 – Advanced ICS (2 days)

Designed to enable personnel to operate efficiently in the advanced application of the Incident Command System. This course provides training for personnel who are expected to perform in a management capacity in a complex incident environment. The prerequisites for I-400 are I-100, I-200, and I-300.

Emergency Operations Centre (EOC) Management

Table Top Drills for On Site Command and the Emergency Operations Centre

Building upon ICS 100, groups of 4-12 are taken through the fundamentals of managing an Emergency Operations Centre (EOC) in a time of crisis. Where possible, a crisis communications module is introduced to add the current challenges presented by traditional and citizen (social) media to the course.



With a view toward validating emergency planning documents and competencies of role players within the EOC and On Site Command, realistic table top exercises are developed. Utilizing digital simulation as a medium for realism, customized table tops are designed to challenge emergency management practitioners.

Duration

ICS 402 – 2.5 hours

ICS 100 – 7 hours

ICS 200 – 2 days

ICS 300 – 2.5 days

ICS 400 – 2 days

EOC Crisis Management - 7 hours

Crisis Management Table Tops – 5 to 7 hours

Pre-Requisites

ICS 402 has no pre-requisite

ICS 100 has no pre-requisite

ICS 200 – ICS 100

ICS 300 – ICS 100 and 200

ICS 400 – ICS 100, 200, and 300

EOC Management – ICS 100 or 402

Crisis Management Table Tops – ICS 100 or 402



Document Review

Incident Command System 402, ICS Canada

Incident Command System 100, ICS Canada

Incident Command System 200, ICS Canada

Incident Command System 300, ICS Canada

National Fire Protection Association 1561 & 1026

International Fire Service Training Association Training Manual 4th Edition

Industry specific planning documents

ESI ICS/EOC Training and Validation Team



Mark Gillan, BBA, CFO, MIFireE

NFPA Level III Instructor, ICS Canada Instructor

Canadian Security Clearance: Level III Top Secret

As Director of Emergency Solutions International, Mark leads ESI associates in conducting risk assessments, training, emergency plan reviews, exercise scenario development, digital simulation, exercise facilitation and evaluation as well as compiling final After Action Review documentation and recommendations. Service has been provided for various critical infrastructure, such as Port Saint John, Point Lepreau Generating Station, Canaport Liquefied Natural Gas, Saint John Energy, as well as corporations like Atlantic Potash, Mead Johnson Nutrition and the Mosaic Company.

Mark has conducted over 150 industrial exercises and evaluations in Canada, the United States and India. As lead evaluator, Mark has authored reports on behalf of clients for the Canadian Nuclear Safety Commission and Transport Canada. In 2014, Mark authored the International Hazardous Materials Operations Plan under the International Emergency Management Assistance Compact (IEMAC) on behalf of Defense Research and Development Canada and International Emergency Management Group (IEMG) members. Prior to founding Emergency Solutions International, Mark served the City of Saint John Fire Department as an active fire fighter, Hazardous Materials/CBRN-E technician and member of the rescue squad. Mark finished his 26 year career with the Fire Service in the position of Deputy Chief and Acting Fire Chief of the department.

During his tenure in the Fire Service, Mark worked for over 8 years on the Rescue Squad. The focus of this team at fires was search and rescue of trapped civilians. He was accommodated 5 times for civilian rescues. As a Hazardous Materials Technician, he was chosen as one of the first firefighters in Canada to attend the country's counter-terrorism program. As Divisional Chief in charge of Training, Mark was instrumental in designing and implementing the Saint John fire Department's "Save Our Own" program and Incident Command System. Mark has served as Incident Commander, Safety Officer and Emergency Site Manager at a number of serious incidents. On several activations of the Saint John Emergency Management Organization, Mark has fulfilled the roles of Fire Services Representative and Manager of the EOC. In the final year of service with the City of Saint John, he was the Director of Saint John Emergency Management Organization.

In relation to our nation's preparedness: Mark has completed advanced training at CFB Suffield and has served through the Centre for Security Science as a Senior Special Advisor in the area of Chemical, Biological, Radiological, Nuclear and Explosive response. In this role Mark has successfully completed projects related to implementing Capability Based Planning within the

public sector; specifically, in the areas of conducting Consolidated Risk Assessments through identification of Full Spectrum Threat Scenarios. Further to the Consolidated Risk Assessments, Mark has facilitated and produced Capability Analysis/Gap Analysis within the provinces of Nova Scotia, Newfoundland & Labrador and Prince Edward Island.

Mark obtained his Bachelor of Business degree in 1998 from the University of New Brunswick and has completed the Dalhousie University, Certificate in Incident Command, the Canadian Association of Fire Chief's "Chief Fire Officer" designation (CFO), and the British: Institute of Fire Engineer's "Member's Level" designation (MIFireE) award. Mark has completed LNG Suppression Training at Texas A&M, has studied Incident Command at the U.S. National Fire Academy and also the Leadership in Crisis program at Harvard University.



Marc Carey

NFPA Level II Instructor, ICS Canada Instructor

Qualified SCBA Field Technician

Marc is currently in his 29th year of service with the Saint John Fire Department serving as a Qualified Lieutenant and Acting District Chief. He is assigned to Quint 5 in the City's North End and has worked on the Heavy Rescue team for 7 years. Marc is a certified level one fire department instructor, Hazmat Technician and Scott Field Service Technician. He participated in the extensive selection process of Saint John Fire Department's bunker gear and air pack programs. Marc is currently a student at Dalhousie University in the Fire Service Leadership Program. In his role with ESI, Marc has delivered both theory and practical instruction in Master Stream, Save Our Own (Fire Fighter Self Rescue), and Incident Command System (ICS) courses. Marc has also served as a technical evaluator on several emergency management exercises.



P.B. (Pascal) Rodier, MA, MSTJ

ICS Canada Instructor

Pascal Rodier began his career in EMS in 1988 where he progressed through the ranks of the British Columbia Ambulance Service; finishing off as Superintendent. August 2012, he began his next adventure in public safety out on the East Coast where he is a part of the New Brunswick Emergency Medical Service's leadership team. He is currently the Operations Manager for Ambulance New Brunswick's Saint John District. In his spare time he is the Director of the Town of Quispamsis Emergency Measures Organization.

Pascal brings experience in both urban and rural/remote EMS. He has extensive experiences in leading teams on large-scale events including commanding responses to multiple airplane crashes, multi-casualty incidents, EMS support for fire/Hazmat/CBRNE/ and civil unrest incidents, large scale civic celebrations, and the 2010 Winter Olympics and Paralympics. His successes have also included planning and implementation of legacy projects within the BCAS, public safety agencies across Canada, Paramedic Chiefs of Canada (PCC), Public Safety Canada, Canadian Interoperability Technology Interest Group (CITIG), the Canadian Police Research Center, the Vancouver International Airport Authority, and the City of Richmond BC. He was the BCAS project leader and concept developer for the province-wide expansion of the Combined Events Radio Project. Pascal is a founding associate of CITIG and co-authored the Communications Interoperability Strategy and Action Plan for Public Safety Canada. He was the EMSCC Representative and Co-Chair on the Tri-Services Chief's Special Purpose Committee on 700 MHz Broadband for Mission Critical Public Safety Data. He recently worked with the National Public Safety Telecommunications Council, CITIG and the U.S. Department of Homeland Security Office of Emergency Communications to create a White Paper report that explains the current state of cross border interoperability between the U.S. and Canada. Currently, he is on the PCC's Leadership Development Committee with a focus on building the Canadian Leadership Framework and the Mentorship Program.

Pascal is a Member of the Most Venerable Order of the Hospital of St. John of Jerusalem, investiture and medal presentation in 1992; he was awarded the Richmond Chamber of Commerce 911 Award for Ambulance Paramedic of the Year in 2003; he was presented with the Governor General's Emergency Medical Services Exemplary Service, 2010 and the Queen's Diamond Jubilee Medal, 2012. In 2014 he was presented the National Award of Excellence in Public Safety Interoperability from CITIG.

In addition to Pascal's varied education in emergency response and public safety, he also has a Master of Arts, in leadership (Health), from Royal Roads University and his Certificate in Emergency Management from the Justice Institute of BC. As a subject matter expert on responder interoperability, he has consulted on a number of projects with organizations and governments at all levels. His background and education are shared with others as an Instructor in the Incident Command System. He has authored articles on leadership, responder interoperability as well as on EMS Succession Planning and has been an organizer, presenter, and an Emcee at a number of public events, courses, and conferences.