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September 22 - 23, 2015
Minute Maid Park - Home of the Houston Astros
Houston, Texas
Registration: \$549/person

Pursuing ECA Compliance: Is LNG as a Marine Fuel Viable?

DAY 1: Tuesday September 22, 2015

	<u>Topic</u>	<u>Purpose</u>
7:30 am	Registration	Seminar sign-in/Continental Breakfast
8.00 am	Welcoming Remarks	<ul style="list-style-type: none"> Intro to ECM Training Services, LLC Welcome to Attendees
	Introduction	<ul style="list-style-type: none"> Seminar objectives LNG overview Bunker market overview Drivers of change Overview of emission requirements and evolving legislation
	LNG Basics	<ul style="list-style-type: none"> Physical and chemical properties of LNG How LNG relates to natural gas Design principles: ships, cargo ops and cargo containment, cryogenic hoses
	LNG Equipment and Cargo Handling	<ul style="list-style-type: none"> Equipment used for cargo operations on LNG carriers & for marine fuel bunkering (storage, transfers, fuel systems) Know the cargo operations carried out on LNG carriers & for operations of marine fuel bunkering
10:15 am	Break	
10:30 am	Evolution to LNG as Fuel / Case Studies	<ul style="list-style-type: none"> The Energy Paradigm Shift and LNG as Fuel
	Panel Discussion	<ul style="list-style-type: none"> Lessons learned from pioneers in the industry
12:15 pm	Lunch	<ul style="list-style-type: none"> Networking
1:15 pm	Safety Risks of LNG Bunkering	<ul style="list-style-type: none"> Spill prevention measures Safety distances and exclusion zones Value of assessment and mitigation Siting examples
	Simultaneous Cargo Operations	<ul style="list-style-type: none"> Overview of activities and safety risks Effective risk management Marketplace views
	Regulations/Training Requirements	<ul style="list-style-type: none"> Overview regulations and training requirements for handling LNG
3:15 PM	Conclude Day 1	
7:10 PM	Baseball Game and Networking	<ul style="list-style-type: none"> Houston Astros vs. LA Angels (first 30 seminar registrants will be provided complimentary club level game tickets)

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DAY 2: Wednesday September 23, 2015

	<u>Topic</u>	<u>Purpose</u>
8:00 am	Networking	<ul style="list-style-type: none"> Continental Breakfast
8:45 am	Recap Day 1	
	Issues facing the industry and initiatives to influence LNG for Marine Fuel	<ul style="list-style-type: none"> Overview the key issues facing LNG for Marine Fuel Industry bodies who are influencing Studies and initiatives
	PANEL DISCUSSION	<ul style="list-style-type: none"> Other issues to be considered
10:30 am	<i>Break</i>	
10:45 am	LNG Bunkering Commercial Considerations	<ul style="list-style-type: none"> Understand commercial relevance of LNG as fuel in the shipping sector Learn how the LNG for Marine fuel sector is likely to evolve – in which ports and in what types of vessels Results from recent in-depth study
	Wrap-up	<ul style="list-style-type: none"> Concluding Remarks
12:15 pm	Recap Day 2	<ul style="list-style-type: none"> Close Seminar