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With the kind contribution of:



## COMANDO GENERALE DEL CORPO DELLE CAPITANERIE DI PORTO

Coast Guard Headquarters



## Workshop

“LNG as an alternative fuel for shipping”

Rome, 6<sup>th</sup> February 2014

Viale dell'Arte, 16

Sala Cinema



## “LNG as an alternative fuel for shipping”

### PROGRAM

09.30 Registration and welcome coffee

10.00 **Workshop introduction**

- Adm. Felicio ANGRISANO (Commandant)
- Dr . Cosimo CALIENDO (General Director of Harbour Directorate)
- Ing. Giuseppe ALATI ( General Directorate of Maritime Transport and Inland Waterways)
- RAdm Nicola CARLONE (Head of Safety of Navigation Dept.)

### Session one – National and International Legislation on LNG

RAdm Cristiano ALIPERTA (Alternate Permanent Representative to IMO, Italian Embassy, London)

“Work in progress at the International Maritime Organization (IMO)”

Mr. Roel HOENDERS (EMSA – Project Officer Marine Environment & Port State Control)

“Initiatives regarding the use of LNG as bunker fuel in the EU and EMSA’s involvement”

10.45 Capt. Luigi GIARDINO (Safety of Navigation Department – Head Office)

“National Legislation on LGN”

11.00 Coffee break

### Session two – Technical and operational aspects (Ships)

Mr. Martin Christian WOLD (DNV – GL AS – Environmental Technology and Compliance Maritime Advisory)

“Status for LNG fuelled ships and historic and future drivers”

Mr. Andrea COGLIOLO (RINA Services – Deputy General Manager Marine)

“Design and training for safe operation on gas fuelled ships”

Arnault PEDEMAY (Bureau Veritas –Head of the Machinery Section – Head Office (DA Machines)

“LNG as fuel ships, BV Class technical involvement”

12.15 Mr. Yves Buy (Wärtsilä – Director Oil & Gas – Fuel Gas Handling)

“LNGPac. A complete solution for LNG fuelled ships”

Alessandro MACCARI (Fincantieri S.p.a. – Corporate Research & Innovation Manager)

“LNG: design solutions for passenger ships”

Luca DE ZOTTI (Naval Progetti Trieste)

“LNG for merchant vessels propulsion”

13.10 Question Time

13.30 Light Lunch

### Session three – Logistics & infrastructures

Mr.Arnault PEDEMAY (Bureau Veritas – Head of the Machinery Section – Head Office (DA Machines)

“LNG infrastructures for bunkering in the ports of Roscoff and Dunkerque”

“LNG bunkering infrastructures, BV group holistic approach

14.50Mr.Paolo MORETTI (RINA Services – General Manager Marine)

“Development of LNG infrastructures – The authorization process”

Martin Christian WOLD (DNV – GL AS – Environmental Technology and Compliance – Maritime Advisory)

“Commercial terms for the development of LNG infrastructure”

Ivan COREA (President – A.N.A.P.I. Pesca)

“ GNL small scale: un modulo portuale cantierabile per la pesca italiana“

### Owners perspective

15.50 Franco Porcellacchia (Carnival Corporation – Vice President Technical Operations).

"The Hyperion project"

16.10 Mr. VISENTINI (Visentini Group Spa)

"LNG retrofitting on RoPax Vessel: Scottish Viking case study"

16.30 – 17.30 Discussion and conclusions

