

No more “Smoke on the water....”

INVITATION

CIMAC Circle at Nor-Shipping, Lillestrøm,

Tuesday June 2nd 2015

13:00 – 15:30

The Norwegian National Membership Association (NMA) of CIMAC invites you herewith to attend our planned “CIMAC Circle” arrangement in connection with the Nor-Shipping marine exhibition 2015 at Lillestrøm (Oslo) on June 2nd. The topic to be discussed is the increasingly sensitive issue of “*Smoke emissions from shipping in coastal waters*”.

CIMAC Circle arrangements are carried out as panel discussions between invited specialists including short introductory presentations, and are open to CIMAC members, press and the public in general. The topics discussed are chosen by their actuality and current interest to CIMAC and the professional public following our activities.

Former CIMAC Circle arrangements may be found under < www.cimac.com/events/cimac-circle/index.htm >

Background:

Deep sea vessels currently comply with IMO regulations for SOx and IMO Tier II regulations for NOx. However, issues arise when such ships sail in coastal waters, implying extended periods of part- and low load operation and thereby often producing excessive emissions of various kinds of which visible smoke is by far the most controversial with the public. This is a particularly challenging, but not unusual situation for the many cruise vessels visiting Scandinavian waters and their smoke trails often contrasts strongly with their otherwise clean and friendly image.

Although cruise ship operators and others invest increasingly in order to comply with emission legislation, “smoke” is unfortunately not yet legislated and is by nature somewhat difficult to quantify, so “standards” will be set by the local acceptance. It is therefore little wonder that this issue has become particularly sensitive in narrow waters like the deep Norwegian fjords and harbor areas, and local protests have become increasingly louder and more frequent during the last few years. This increasing smoke problem therefore needs to be addressed by the industry involved.

CIMAC and others find the current situation very unfortunate and hope a forum like this CIMAC Circle discussion may help by analyzing it from all sides and bring about better understanding of the issues and which then might possibly soon lead to practical and useful improvements.

The following subjects will be raised by the panel:

- "The NOx vs Smoke trade-offs in marine engines incl. effects of the fuel quality",
By Ben Rogers, Ricardo
- "Engine and after-treatment development in order to avoid visible smoke"
By Jyrki Ristimäki, Wärtsilä
- "Operational experience with exhaust gas scrubbing also for smoke"
By Tor Øyvind Ask, Solvang Shipping
- "Contribution from RCCL about low emissions shipping inclusive smoke"
By Harri Salama, RCCL
- "Good engine maintenance give low emissions"
By Atle Tolleshaug, RR Bergen Engines
- "Clean fuels, cold ironing and best operating practices"
By Sigurd Enge, Bellona

The introduction and leading of the discussions will be handled by Lars M Nerheim representing CIMAC NMA Norway.

The CIMAC Circle is expected to be finished by 15:30 hrs.

WELCOME!

Registration is required, to:

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