



## One-day seminar organized by the Japanese CIMAC NMA (JICEF) – Short report

### “The latest information on environmentally friendly gas fuel, gas engine and gas turbine”

Over 80 persons, including ship-owners, engine builders, gas suppliers, classification societies and government officials of the city of Tokyo, attended the JICEF seminar on “the latest information on environmentally friendly gas fuel, gas engine and gas turbine” in Tokyo on 16 March 2006.

Presentations were given on:

- (1) “Dual-fuel-electric LNG carriers  
-- What are the merits compared to the conventional steam engine plant”  
by Mr. S. S. Jenssen, Wartsila,
- (2) “An alternative for the LNG carrier engine room -- The ME-GI low speed gas engines  
-- What is the future trend of the plant, which offers both simple system and redundancy?”  
by Mr. N. B. Clausen, MAN B&W,
- (3) “Hybrid turbocharger to improve plant efficiency  
-- Direct conversion of excess energy of gas to electricity”  
by Mr. K. Shiraishi, Mitsubishi,
- (4) “Development of high efficiency gas engine  
-- King of environmentally friendly prime movers”  
by Dr. S. Goto, Niigata,
- (5) “Medium and small size gas turbines development  
-- Expanding application, possibility to marine auxiliary power plant”  
by Mr. Y. Yamasaki, Kawasaki,
- (6) “Gas fuel-its characteristics and clever management  
-- What is “13A”?”  
by Mr. H. Saito, Tokyo Gas,

Lastly some topics regarding environmental matters and its regulations were given by Dr. K. Tayama, JICEF through his short presentation, afterwards, time was dedicated to questions and discussions between the lecturers and the participants and they exchanged their opinions and views on today’s theme. The seminar was generally favorably accepted.

