

# Market Update Note



9 September 2019

## Successful prototype testing of first G95ME-C10.5

### Improved SFOC

In cooperation with HSD in Korea, MAN Energy Solutions has successfully completed the prototype testing of the first G95ME-C10.5 engine a couple of weeks ago.

Since then, we have analysed the data obtained from the prototype testing, and the result has confirmed our expectation that the efficiency of the engine is slightly better than announced in our MUN2018-04-25. We are therefore pleased to inform that the SFOC figures for the G95ME-C10.5 are 1 g/kWh lower than expected.

The data for the improved SFOC and engine performance are already available in our online CEAS performance calculation tool.

Should you have any questions on the performance of the G95ME-C10.5 for a specific project then do not hesitate to contact our Marine Project Engineering Department, Mr. Bent Ørndrup Nielsen, at [bento.nielsen@man-es.com](mailto:bento.nielsen@man-es.com)

The table and SFOC curves below give examples of the consequences of updating the SFOC.

#### EPT low-load tuning

Load %SMCR	Power kW	Speed rpm	11G95ME-C10.5	11G95ME-C10.5
			SFOC g/kWh	Updated SFOC g/kWh
100	59,000	77.0	159.9	158.9
95	56,050	75.7	157.7	156.7
90	53,100	74.3	155.7	154.7
85	50,150	72.9	153.6	152.6
80	47,200	71.5	152.8	151.8
75	44,250	70.0	152.5	151.5
70	41,300	68.4	150.0	149.0
65	38,350	66.7	148.5	147.5
60	35,400	64.9	149.4	148.4
55	32,450	63.1	150.5	149.5
50	29,500	61.1	151.7	150.7
45	26,550	59.0	153.1	152.1
40	23,600	56.7	154.6	153.6
35	20,650	54.3	156	155
30	17,700	51.5	157	156
25	14,750	48.5	159	158

#### SFOC

