



# Engine power limitation report

**MV. CEYLON PRINCESS**

IMO No. 9734575

CEYLON SHIPPING CORPORATION LTD.

**MAN PrimeServ**

08-03-2023 Ver. 0 Initial report issued

## 1. Data

### 1.1 General information

Ship Owner	CEYLON SHIPPING CORPORATION LTD.
Manager	CEYLON SHIPPING CORPORATION LTD.,MICH BUILDING, NO 27, SIR RAZIK FAREED MAWATHA, COLOMBO 1, SRI LANKA
Vessel	MV. CEYLON PRINCESS
IMO no.	9734575

### 1.2 Main engine

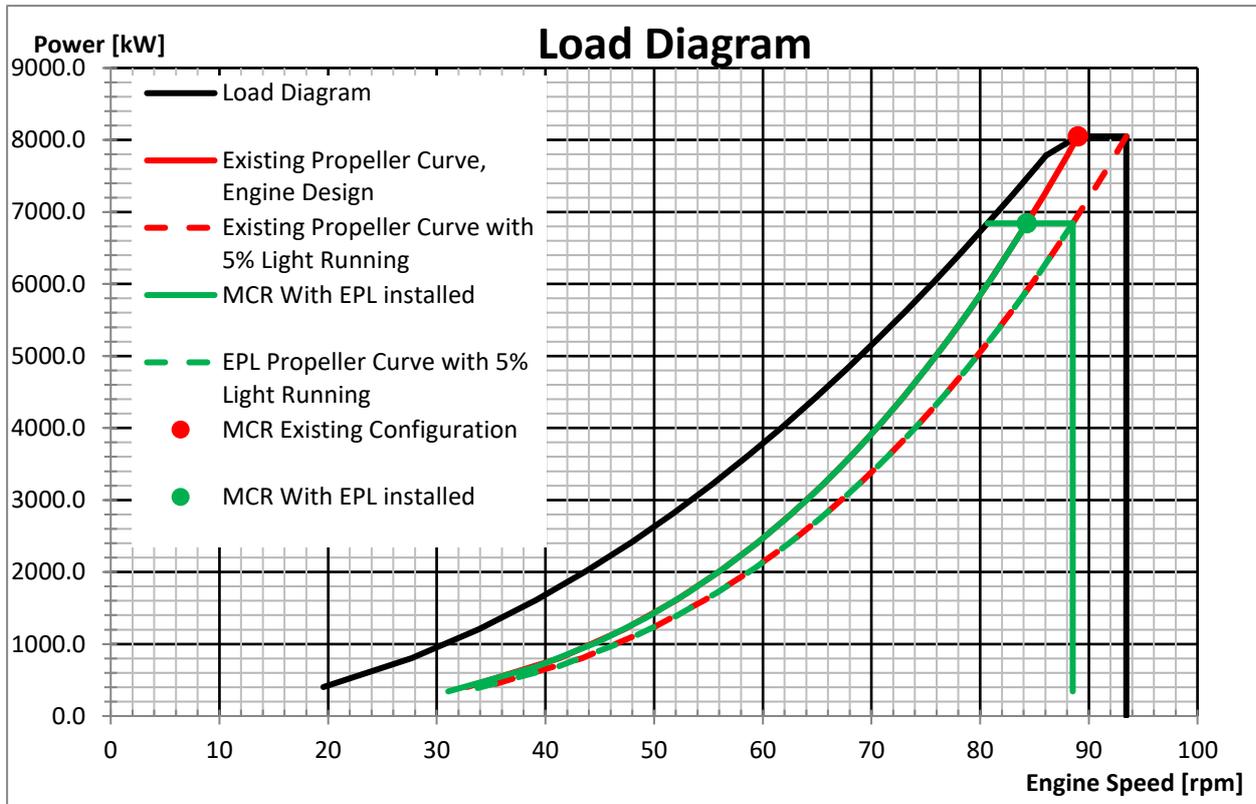
Manufacturer	MAN B&W	
Type	5S60ME-C8.2 (TIER II)	
Engine no.	1137	
Maximum continuous rating ( $MCR_{ME}$ )	8,050	kW @ 89.0 RPM
Limited maximum continuous rating with the Engine Power Limitation installed ( $MCR_{ME,lim}$ )	6,843	kW @ 84.3 RPM
Type of engine power limitation installed	MAN Overrideable Power Limitation	

## 2. Engine Power Limitation

For the vessel MV. CEYLON PRINCESS, engine power limitation is/is will be installed, and the limited maximum continuous rating is:

<b>MCR<sub>ME,lim</sub></b>	
Limited engine power	6,843 kW

Below load diagram shows the original engine power (MCR<sub>ME</sub>) and the limited engine power (MCR<sub>ME,lim</sub>)



The Engine Power Limitation (EPL) as such does not alter NOx critical settings or components of the engine. The latter is also true, if, at the time of the installation of the EPL, the engine was already equipped with engine optimization products, provided that possible changes in NOx critical settings or components of this products have been amended to the NOx technical file.

\* MAN Energy Solutions recommends to compare the limited engine speed against the barred speed range of the engine. Should the limited engine speed be in the barred speed range, please contact MAN Energy Solutions at the earliest convenience in order to recalculate the engine power limitation.

## 3. Installation and verification of power limitation

The engine is power limited by the installation of MAN Overrideable Power Limitation (OPL) for ME/ME-C/ME-B engines. The OPL for electronically controlled engines restricts the engine load to a fixed value in order to limit the engine power. This is done by electronically restricting the engine load to match the necessary limited engine power  $MCR_{lim}$ .

For below stated engine load correspond to the limited engine power, and is needed for the preparation of engine control system parameters and is also needed for verification of the engine power limitation. Please refer to the Onboard Management Manual (OMM) for procedure for verification and validation of the engine power limitation.

$MCR_{ME,lim}$	
Limited engine load	85%