Pursuant to the authority vested in the Air Resources Board by Health and Safety Code Sections 43013, 43018, 43101, 43102 and 43104; and

Pursuant to the authority vested in the undersigned by Health and Safety Code Sections 39515 and 39516 and Executive Order G-19-095;

IT IS ORDERED AND RESOLVED: That the following new spark-ignition marine engine and emission control systems (ECS) produced by the manufacturer are certified as described below. Production engines shall be in all material respects the same as those for which certification is granted.

MODEL YEAR	ENGINE FAMILY	FUEL TYPE	DISPLACEMENT (cc)	LEVEL OF CLEANLINESS	
2021	MLMRM07.40G2	Gasoline	7439	Ultra Low Emission ("Three Stars")	
EQUIPMENT APPLICATION		ECS & SPECIAL FEATURES		ENGINE TYPE	
High Performance Inboard & Sterndrive		Sequential Multiport Fuel Injection, On-Board Diagnostics-Marine System		4-Stroke	
ENGINE MODELS (rated power in kilowatts, kW)		See Attachment			

The following are the hydrocarbon plus oxides of nitrogen (HC+NOx) and carbon monoxide (CO) exhaust emission standards (Title 13, California Code of Regulations, (13 CCR) Section 2442(b)) and certification emission levels in grams per kilowatt-hour (g/kW-hr) for this engine family. Engines in this engine family shall discharge no crankcase emissions into the ambient atmosphere in conformance with 13 CCR Section 2442(b).

	HC+NOx (g/kW-hr)	CO (g/kW-hr)
STANDARD	16.0	350.0
CERTIFICATION LEVEL	14.9	126.0

This engine family shall not be used to determine compliance through corporate averaging.

BE IT FURTHER RESOLVED: That for the listed engines, the manufacturer has submitted, and the Executive Officer hereby approves, the information and materials to demonstrate certification compliance with 13 CCR Sections 2443.1, 2443.2 and 2443.3 (emission control, consumer, and environmental labels), Section 2444.2 (on-board engine malfunction detection system), and Sections 2445.1 and 2445.2 (emission control system warranty).

Engines certified under this Executive Order must conform to all applicable California emission regulations.

This Executive Order is only granted to the engine family and model-year listed above. Engines in this family that are produced for any other model-year are not covered by this Executive Order.

Executed on this $\frac{12th}{12th}$ day of December 2020.

Allen Zyons, Chief Emissions Certification and Compliance Division

SIME Exhaust Model Summary Template (rev. 2020)

Date: _13 November 2020_ Engine Family: <u>MLMRM07.40G2</u>

Model Summary

S14. Sales Codes (Check all appropriate) S12. S13. CA Only 49-State 50-State S15. S16. S17. S18. S19. Engine Model Engine Code Engine Displacement (cc) Rated Power (kW) Rated Speed (RPM) Peak Torque (N-m) Peak Torque Speed (RPM) MV8 570 MV8 570 7439 425 6000 760 4415 х

For CARB Use Only Executive Order: U-W-018-0051 Attachment _1_of_1_