California Environmental Protection Agency

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-02-003;

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 (c) LEVEL OF CLEANLINESS		
2012	CM9XM02.52C3	Gasoline	2507	Ultra Low Emission ("Three Stars")		
EQUIPMENT APPLICATION		ECS & SPE	CIAL FEATURES	ENGINE TYPE		
Outboard		Direct F	uel Injection	2-Stroke		
ENGINE MODELS (rated power in kilowatts, kW)		See Af	tachment			

BE IT ORDERED AND RESOLVED: That the listed engines are certified to a hydrocarbon plus oxides of nitrogen (HC+NOx) family emission limit (FEL) and a carbon monoxide (CO) direct standard in accordance with a plan submitted by the manufacturer to, and approved by, the Executive Officer for compliance with the exhaust emission standards on a corporate average basis pursuant to Title 13, California Code of Regulations, (13 CCR) Section 2442(a). The HC+NOx FEL and the CO standard shall be the applicable emission standards for this engine family for determining compliance of any engine within this engine family pursuant to 13 CCR Sections 2444.1 (in-use compliance) and 2446 (audit testing). The standards and certification emission levels in grams per kilowatt-hour (g/kW-hr) for this engine family are as follows. Engines in this engine family shall have closed crankcases in conformance with Part I, Section 18(h) of the "California Exhaust Emission Standards and Test Procedures for 2001 Model-Year and Later Spark-Ignition Marine Engines."

*=not applicable	HC+NOx (g/kW-hr)	CO (g/kW-hr)	
STANDARD	*	300.0	
FAMILY EMISSION LEVEL	15.00	*	
CERTIFICATION LEVEL	13.34	130.5	

Compliance with the emission standards on a corporate average basis shall be determined pursuant to 13 CCR Section 2442(a) based on the sales-weighted average power of all engines produced for sale in California that are included in the approved corporate average compliance plan for the model-year.

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), 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.

Quarterly reports of engines produced in this engine family for sale in California shall be submitted to the Executive Officer no later than 45 days after the end of each calendar quarter pursuant to 13 CCR Sections 2442(a)(2)(B) and 2446.

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 at El Monte, California on this 30 day of September 2011.

Annette Hebert, Chief Mobile Source Operations Division

Model Year: ____2012____ Manufacturer Name: ____Mercury Marine____ Engine Family: ____CM9XM02.52C3 SI MARINE ENGINE SUPPLEMENT INFORMATION

Page:3	ATTACHMENT
Issued:	_
Revised:	
E.O.#: U- W- 001-0	312

S10. MODEL SUMMARY (Use asterisk to identify worst-case engine model used for certification testing)

Engine Code	S13 Sales Codes (Check all appropriate codes)			Eng. Disp. (cc)	Rated Power (kW)	S16 Rated Speed (RPM)	S17 Peak Torque (N-m)	S18 Peak Torque Speed
	Calif. Only	49 State	50- State					
			Х	2507	99	5250	241	3500
			Х	2507	99	5250	241	3500
			Х	2507	129	5750	301	3750
			Х	2507	129	5750	301	3750
			X	2507	110	5500	270	3500
			Х	2507	110	5500	270	3500
		/						
			Calli.	Cann. State Only State X X X X X X X X X X X X X X X X X X X X X X	Cant. Only State State X 2507 X 2507	Calif. Only 49 State 50- State X 2507 99 X 2507 99 X 2507 99 X 2507 129 X 2507 129 X 2507 129 X 2507 110	Calif. Only 49 State 50- State X 2507 99 5250 X 2507 99 5250 X 2507 99 5250 X 2507 129 5750 X 2507 129 5750 X 2507 110 5500	Calif. Only 49 State 50- State (kW) (RPM) (N-m) X 2507 99 5250 241 X 2507 99 5250 241 X 2507 99 5250 241 X 2507 129 5750 301 X 2507 129 5750 301 X 2507 129 5750 301 X 2507 110 5500 270