

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-14-012;

**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
2015	FM9XM02.62G0	Gasoline	2598	Very Low Emission ("Two Stars")
EQUIPMENT APPLICATION		ECS & SPECIAL FEATURES		ENGINE TYPE
Outboard		Sequential Multiport Fuel Injection Supercharged with Water to Air Cooler		4-Stroke
ENGINE MODELS (rated power in kilowatts, kW)	See Attachment			

**BE IT ORDERED AND RESOLVED:** That the listed engines are certified to a hydrocarbon plus oxides of nitrogen (HC+NO<sub>x</sub>) 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+NO<sub>x</sub> 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+NO <sub>x</sub> (g/kW-hr)	CO (g/kW-hr)
STANDARD	*	300.0
FAMILY EMISSION LEVEL	20.50	*
CERTIFICATION LEVEL	18.63	124.2

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 6 day of November 2014.



Annette Hebert, Chief

Emissions Compliance, Automotive Regulations and Science Division

Model Year: 2015  
 Manufacturer Name: Mercury Marine  
 Engine Family: FM9XM02.62G0  
 SI MARINE ENGINE SUPPLEMENT INFORMATION

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

•Indicates emission certification engine

S11 Model Designation	S12 Engine Code	S13 Sales Codes (Check all appropriate codes)			S14 Eng. Disp. (cc)	S15 Rated Power (kW)	S16 Rated Speed (RPM)	S17 Peak Torque (N-m)	S18 Peak Torque Speed
		Calif. Only	49 State	50-State					
1225V13KD				X	2598	165	6100	375	3500
1226V23KD				X	2598	165	6100	375	3500
1225V23BD				X	2598	165	6100	375	3500
1225V24BD				X	2598	165	6100	375	3500
1225V33BD				X	2598	165	6100	375	3500
1225V34BD				X	2598	165	6100	375	3500
1250V23BD				X	2598	184	6100	366	4750
1250V24BD				X	2598	184	6100	366	4750
1250V33BD				X	2598	184	6100	366	4750
1250V34BD				X	2598	184	6100	366	4750
1251V13KD				X	2598	184	6100	372	4750
1251V23KD				X	2598	184	6100	372	4750
1300V13BD				X	2598	221	6100	385	4500
1300V14BD				X	2598	221	6100	385	4500
1300V23BD				X	2598	221	6100	385	4500
1300V24BD				X	2598	221	6100	385	4500
1300V33BD				X	2598	221	6100	385	4500
1300V34BD				X	2598	221	6100	385	4500
1301V13BD				X	2598	221	6100	385	4500
1301V14BD				X	2598	221	6100	385	4500
1301V23BD				X	2598	221	6100	385	4500
1301V24BD				X	2598	221	6100	385	4500
1301V33BD				X	2598	221	6100	385	4500
1301V34BD				X	2598	221	6100	385	4500
1302V13KD				X	2598	221	6100	385	4500
1302V23KD				X	2598	221	6100	385	4500
7250V23AD				X	2598	184	6100	366	4750
7250V24AD				X	2598	184	6100	366	4750
7300V23AD				X	2598	221	6100	385	4500
7300V24AD				X	2598	221	6100	385	4500
1300V23BX				X	2598	221	6100	385	4500
1300V24BX				X	2598	221	6100	385	4500
1253V23KD				X	2598	184	6100	372	4750
1253V24KD				X	2598	184	6100	372	4750

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1253V33KD			X	2598	184	6100	372	4750
1253V34KD			X	2598	184	6100	372	4750
1303V13KD			X	2598	221	6100	385	4500
1303V14KD			X	2598	221	6100	385	4500
1303V23KD			X	2598	221	6100	385	4500
1303V24KD			X	2598	221	6100	385	4500
1303V33KD			X	2598	221	6100	385	4500
1303V34KD			X	2598	221	6100	385	4500
1304V13KD			X	2598	221	6100	385	4500
1304V14KD			X	2598	221	6100	385	4500
1304V23KD			X	2598	221	6100	385	4500
1304V24KD			X	2598	221	6100	385	4500
1304V33KD			X	2598	221	6100	385	4500
1304V34KD			X	2598	221	6100	385	4500
19V1AERHH			X	2598	257	6500	431	4000
19V1AESHH			X	2598	257	6500	431	4000
19V1AFRHH			X	2598	257	6500	431	4000
19V1AFSHH			X	2598	257	6500	431	4000
19V1AGRHH			X	2598	257	6500	431	4000
19V1AGSHH			X	2598	257	6500	431	4000
1301V23BX			X	2598	221	6100	385	4500
1301V24BX			X	2598	221	6100	385	4500
1300V13BC			X	2598	221	6100	385	4500
1300V14BC			X	2598	221	6100	385	4500
1300V23BC			X	2598	221	6100	385	4500
1300V24BC			X	2598	221	6100	385	4500
1300V33BC			X	2598	221	6100	385	4500
1300V34BC			X	2598	221	6100	385	4500
1301V13BC			X	2598	221	6100	385	4500
1301V14BC			X	2598	221	6100	385	4500
1301V23BC			X	2598	221	6100	385	4500
1301V24BC			X	2598	221	6100	385	4500
1301V33BC			X	2598	221	6100	385	4500
1301V34BC			X	2598	221	6100	385	4500
1303V13KC			X	2598	221	6100	385	4500
1303V14KC			X	2598	221	6100	385	4500
1303V23KC			X	2598	221	6100	385	4500
1303V24KC			X	2598	221	6100	385	4500
1303V33KC			X	2598	221	6100	385	4500
1303V34KC			X	2598	221	6100	385	4500
1304V13KC			X	2598	221	6100	385	4500

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1304V14KC				X	2598	221	6100	385	4500
1304V23KC				X	2598	221	6100	385	4500
1304V24KC				X	2598	221	6100	385	4500
1304V33KC				X	2598	221	6100	385	4500
1304V34KC				X	2598	221	6100	385	4500
1300V13BY				X	2598	221	6100	385	4500
1300V14BY				X	2598	221	6100	385	4500
1300V23BY				X	2598	221	6100	385	4500
1300V24BY				X	2598	221	6100	385	4500
1300V33BY				X	2598	221	6100	385	4500
1300V34BY				X	2598	221	6100	385	4500
1301V13BY				X	2598	221	6100	385	4500
1301V14BY				X	2598	221	6100	385	4500
1301V23BY				X	2598	221	6100	385	4500
1301V24BY				X	2598	221	6100	385	4500
1301V33BY				X	2598	221	6100	385	4500
1301V34BY				X	2598	221	6100	385	4500
1303V13KY				X	2598	221	6100	385	4500
1303V14KY				X	2598	221	6100	385	4500
1303V23KY				X	2598	221	6100	385	4500
1303V24KY				X	2598	221	6100	385	4500
1303V33KY				X	2598	221	6100	385	4500
1303V34KY				X	2598	221	6100	385	4500
1304V13KY				X	2598	221	6100	385	4500
1304V14KY				X	2598	221	6100	385	4500
1304V23KY				X	2598	221	6100	385	4500
1304V24KY				X	2598	221	6100	385	4500
1304V33KY				X	2598	221	6100	385	4500
1304V34KY				X	2598	221	6100	385	4500
1201V13KD*				X	2598	161	6100	375	3250
1201V23KD				X	2598	161	6100	375	3250
1350V131D				X	2598	<b>254</b>	<b>5800</b>	<b>434</b>	<b>4501</b>
1350V141D				X	2598	<b>254</b>	<b>5800</b>	<b>434</b>	<b>4501</b>
1350V231D				X	2598	<b>254</b>	<b>5800</b>	<b>434</b>	<b>4501</b>
1350V241D				X	2598	<b>254</b>	<b>5800</b>	<b>434</b>	<b>4501</b>
1350V331D				X	2598	<b>254</b>	<b>5800</b>	<b>434</b>	<b>4501</b>
1350V341D				X	2598	<b>254</b>	<b>5800</b>	<b>434</b>	<b>4501</b>
1351V131D				X	2598	<b>254</b>	<b>5800</b>	<b>434</b>	<b>4501</b>
1351V141D				X	2598	<b>254</b>	<b>5800</b>	<b>434</b>	<b>4501</b>
1351V231D				X	2598	<b>254</b>	<b>5800</b>	<b>434</b>	<b>4501</b>
1351V241D				X	2598	<b>254</b>	<b>5800</b>	<b>434</b>	<b>4501</b>

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1351V331D				X	2598	254	5800	434	4501
1351V341D				X	2598	254	5800	434	4501
1350V131C				X	2598	254	5800	434	4501
1350V141C				X	2598	254	5800	434	4501
1350V231C				X	2598	254	5800	434	4501
1350V241C				X	2598	254	5800	434	4501
1350V331C				X	2598	254	5800	434	4501
1350V341C				X	2598	254	5800	434	4501
1351V131C				X	2598	254	5800	434	4501
1351V141C				X	2598	254	5800	434	4501
1351V231C				X	2598	254	5800	434	4501
1351V241C				X	2598	254	5800	434	4501
1351V331C				X	2598	254	5800	434	4501
1351V341C				X	2598	254	5800	434	4501
1350V131Y				X	2598	254	5800	434	4501
1350V141Y				X	2598	254	5800	434	4501
1350V231Y				X	2598	254	5800	434	4501
1350V241Y				X	2598	254	5800	434	4501
1350V331Y				X	2598	254	5800	434	4501
1350V341Y				X	2598	254	5800	434	4501
1351V131Y				X	2598	254	5800	434	4501
1351V141Y				X	2598	254	5800	434	4501
1351V231Y				X	2598	254	5800	434	4501
1351V241Y				X	2598	254	5800	434	4501
1351V331Y				X	2598	254	5800	434	4501
1351V341Y				X	2598	254	5800	434	4501
1352V131D				X	2598	254	5800	434	4501
1352V231D				X	2598	254	5800	434	4501
1400V131C				X	2598	291	6995	440	4500
1400V131D				X	2598	291	6995	440	4500
1400V141C				X	2598	291	6995	440	4500
1400V141D				X	2598	291	6995	440	4500
1400V1D1C				X	2598	291	6995	440	4500
1400V1D1D				X	2598	291	6995	440	4500
1400V1E1C				X	2598	291	6995	440	4500
1400V1E1D				X	2598	291	6995	440	4500
1400V1Q1C				X	2598	291	6995	440	4500
1400V1Q1D				X	2598	291	6995	440	4500
1400V231C				X	2598	291	6995	440	4500
1400V231D				X	2598	291	6995	440	4500
1400V241C				X	2598	291	6995	440	4500

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1400V241D				X	2598	291	6995	440	4500
1400V2D1C				X	2598	291	6995	440	4500
1400V2D1D				X	2598	291	6995	440	4500
1400V2E1C				X	2598	291	6995	440	4500
1400V2E1D				X	2598	291	6995	440	4500
1400V2Q1C				X	2598	291	6995	440	4500
1400V2Q1D				X	2598	291	6995	440	4500
1400V331C				X	2598	291	6995	440	4500
1400V331D				X	2598	291	6995	440	4500
1400V341C				X	2598	291	6995	440	4500
1400V341D				X	2598	291	6995	440	4500
1400V3D1C				X	2598	291	6995	440	4500
1400V3D1D				X	2598	291	6995	440	4500
1400V3E1C				X	2598	291	6995	440	4500
1400V3E1D				X	2598	291	6995	440	4500
1401V131C				X	2598	291	6995	440	4500
1401V131D				X	2598	291	6995	440	4500
1401V141C				X	2598	291	6995	440	4500
1401V141D				X	2598	291	6995	440	4500
1401V231C				X	2598	291	6995	440	4500
1401V231D				X	2598	291	6995	440	4500
1401V241C				X	2598	291	6995	440	4500
1401V241D				X	2598	291	6995	440	4500
1401V331C				X	2598	291	6995	440	4500
1401V331D				X	2598	291	6995	440	4500
1401V341C				X	2598	291	6995	440	4500
1401V341D				X	2598	291	6995	440	4500
1201V13LD				X	2598	161	6100	375	3250
1201V23LD				X	2598	161	6100	375	3250
1225V13LD				X	2598	165	6100	375	3500
1226V23LD				X	2598	165	6100	375	3500
1225V23LD				X	2598	165	6100	375	3500
1225V24LD				X	2598	165	6100	375	3500
1225V33LD				X	2598	165	6100	375	3500
1225V34LD				X	2598	165	6100	375	3500
1250V23LD				X	2598	184	6100	366	4750
1250V24LD				X	2598	184	6100	366	4750
1250V33LD				X	2598	184	6100	366	4750
1250V34LD				X	2598	184	6100	366	4750
1251V13LD				X	2598	184	6100	372	4750
1251V23LD				X	2598	184	6100	372	4750

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1253V23LD				X	2598	184	6100	372	4750
1253V24LD				X	2598	184	6100	372	4750
1253V33LD				X	2598	184	6100	372	4750
1253V34LD				X	2598	184	6100	372	4750
7250V23BD				X	2598	184	6100	366	4750
7250V24BD				X	2598	184	6100	366	4750
1302V13LD				X	2598	221	6100	385	4500
1302V23LD				X	2598	221	6100	385	4500
1300V23LX				X	2598	221	6100	385	4500
1300V24LX				X	2598	221	6100	385	4500
1301V23LX				X	2598	221	6100	385	4500
1301V24LX				X	2598	221	6100	385	4500
7300V23BD				X	2598	221	6100	385	4500
7300V24BD				X	2598	221	6100	385	4500
1300V13LD				X	2598	221	6100	385	4500
1300V14LD				X	2598	221	6100	385	4500
1300V23LD				X	2598	221	6100	385	4500
1300V24LD				X	2598	221	6100	385	4500
1300V33LD				X	2598	221	6100	385	4500
1300V34LD				X	2598	221	6100	385	4500
1301V13LD				X	2598	221	6100	385	4500
1301V14LD				X	2598	221	6100	385	4500
1301V23LD				X	2598	221	6100	385	4500
1301V24LD				X	2598	221	6100	385	4500
1301V33LD				X	2598	221	6100	385	4500
1301V34LD				X	2598	221	6100	385	4500
1303V13LD				X	2598	221	6100	385	4500
1303V14LD				X	2598	221	6100	385	4500
1303V23LD				X	2598	221	6100	385	4500
1303V24LD				X	2598	221	6100	385	4500
1303V33LD				X	2598	221	6100	385	4500
1303V34LD				X	2598	221	6100	385	4500
1300V13LC				X	2598	221	6100	385	4500
1300V14LC				X	2598	221	6100	385	4500
1300V23LC				X	2598	221	6100	385	4500
1300V24LC				X	2598	221	6100	385	4500
1300V33LC				X	2598	221	6100	385	4500
1300V34LC				X	2598	221	6100	385	4500
1301V13LC				X	2598	221	6100	385	4500
1301V14LC				X	2598	221	6100	385	4500
1301V23LC				X	2598	221	6100	385	4500

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1301V24LC				X	2598	221	6100	385	4500
1301V33LC				X	2598	221	6100	385	4500
1301V34LC				X	2598	221	6100	385	4500
1303V13LC				X	2598	221	6100	385	4500
1303V14LC				X	2598	221	6100	385	4500
1303V23LC				X	2598	221	6100	385	4500
1303V24LC				X	2598	221	6100	385	4500
1303V33LC				X	2598	221	6100	385	4500
1303V34LC				X	2598	221	6100	385	4500
1304V13LC				X	2598	221	6100	385	4500
1304V14LC				X	2598	221	6100	385	4500
1304V23LC				X	2598	221	6100	385	4500
1304V24LC				X	2598	221	6100	385	4500
1304V33LC				X	2598	221	6100	385	4500
1304V34LC				X	2598	221	6100	385	4500
1300V13LY				X	2598	221	6100	385	4500
1300V14LY				X	2598	221	6100	385	4500
1300V23LY				X	2598	221	6100	385	4500
1300V24LY				X	2598	221	6100	385	4500
1300V33LY				X	2598	221	6100	385	4500
1300V34LY				X	2598	221	6100	385	4500
1301V13LY				X	2598	221	6100	385	4500
1301V23LY				X	2598	221	6100	385	4500
1301V24LY				X	2598	221	6100	385	4500
1301V33LY				X	2598	221	6100	385	4500
1301V34LY				X	2598	221	6100	385	4500
1303V13LY				X	2598	221	6100	385	4500
1303V14LY				X	2598	221	6100	385	4500
1303V23LY				X	2598	221	6100	385	4500
1303V24LY				X	2598	221	6100	385	4500
1303V33LY				X	2598	221	6100	385	4500
1303V34LY				X	2598	221	6100	385	4500
1304V13LY				X	2598	221	6100	385	4500
1304V14LY				X	2598	221	6100	385	4500
1304V23LY				X	2598	221	6100	385	4500
1304V24LY				X	2598	221	6100	385	4500
1304V33LY				X	2598	221	6100	385	4500
1304V34LY				X	2598	221	6100	385	4500
1304V13LD				X	2598	221	6100	385	4500
1304V14LD				X	2598	221	6100	385	4500
1304V23LD				X	2598	221	6100	385	4500



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Manufacturer Name: Mercury Marine

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Engine Family: FM9XM02.62G0

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SI MARINE ENGINE SUPPLEMENT INFORMATION

E.O.#: U-12-001-0402

1304V24LD				X	2598	221	6100	385	4500
1304V33LD				X	2598	221	6100	385	4500
1304V34LD				X	2598	221	6100	385	4500