California Environmental Protection Agency AIR RESOURCES BOARD	VOLVO PENTA OF THE AMERICAS, INC.	EXECUTIVE ORDER U-W-012-0037-1 New Spark-Ignition Marine Engines

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 (cc)	LEVEL OF CLEANLINESS
2007	7VPAM05.7GXI	Gasoline	5700	Ultra Low Emission ("Three Stars")

EQUIPMENT APPLICATION	ECS & SPECIAL FEATURES	ENGINE TYPE
Inboard & Sterndrive	Multiport Fuel Injection	4-Stroke

ENGINE MODELS (rated power in kilowatts, kW)	See Attachment

The following are the hydrocarbon plus oxides of nitrogen (HC+NOx) exhaust emission standard (Title 13, California Code of Regulations, (13 CCR) Section 2442(b)) and certification emission level 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).

	STANDARD (g/kw-hr)	CERTIFICATION LEVEL (g/kw-hr)
HC+NOx	14.0	13.1

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.

This Executive Order hereby supersedes Executive Order U-W-012-0037 dated July 25, 2006.

Executed at El Monte, California on this 6 day of September 2007.

Annette Hebert, Chief
Mobile Source Operations Division

Model Year: 2007

ATTACHMENT 1 of 2

Page: 1

Manufacturer Name: VOLVO PENTA

Issued: 2/14/06

Engine Family: 7VPAM05.7GXI

Revised: 8/29/07

SI MARINE ENGINE SUPPLEMENTAL INFORMATION

E.O.#: 0-0-012-0037-(

S11. MODEL SUMMARY (Use an asterisk (*) to identify worst-case engine model used for certification testing.)

S12. Engine Model	S13. Engine Code	S14. Sales Codes (Check ALL appropriate)			S15. Eng. Displ. (cc)	S16. Rated Power (kW)	S17. Rated Speed (RPM)	S18. Peak Torque (N-m)	S19. Peak Torque Speed (RPM)
		Calif. Only	49-State	50-State					
5.7 GI-G *	3869366			X	5700	209	4800	511	3400
5.7 OSI-G	3869378			X	5700	209	4800	511	3400
5.7 GI-GF	3869367			X	5700	209	4800	511	3400
5.7 GIL-G	3869384			X	5700	209	4800	511	3400
5.7 OSI-GF	3869379			X	5700	209	4800	511	3400
5.7 GXI-H	3869368			X	5700	239	5000	505	3600
5.7 OSXI-G	3869380			X	5700	239	5000	505	3600
5.7 GXIL-H	3869385			X	5700	239	5000	505	3600
5.7 GXI-HF	3869369			X	5700	239	5000	505	3600
5.7 OSXI-GF	3869381			X	5700	239	5000	505	3600
5.7 GI-300J	3869403			X	5700	209	4800	511	3400
5.7 GIE-300J	3869447			X	5700	209	4800	511	3400
5.7 GI-300JF	3869404			X	5700	209	4800	511	3400
5.7 GIE-300JF	3869433			X	5700	209	4800	511	3400
5.7 OSI-300J	3869405			X	5700	209	4800	511	3400
5.7 OSIE-300J	3869452			X	5700	209	4800	511	3400
5.7 OSI-300JF	3869406			X	5700	209	4800	511	3400
5.7 OSIE-300JF	3869434			X	5700	209	4800	511	3400
5.7 GXi-J	3869407			X	5700	239	5000	505	3600
5.7 GXiE-J	3869448			X	5700	239	5000	505	3600
5.7 GXi-JF	3869408			X	5700	239	5000	505	3600
5.7 GXiE-JF	3869435			X	5700	239	5000	505	3600
5.7 OSXi-J	3869409			X	5700	239	5000	505	3600

Model Year: 2007

ATTACHMENT 2 of 2

Page: 2

Manufacturer Name: VOLVO PENTA

Issued: 2/14/06

Engine Family: 7VPAM05.7GXI

Revised: 8/29/07

SI MARINE ENGINE SUPPLEMENTAL INFORMATION

E.O.#: U-W-012-0037-1

S11. MODEL SUMMARY (Use an asterisk (*) to identify worst-case engine model used for certification testing.)

S12. Engine Model	S13. Engine Code	S14. Sales Codes (Check ALL appropriate)			S15. Eng. Displ. (cc)	S16. Rated Power (kW)	S17. Rated Speed (RPM)	S18. Peak Torque (N-m)	S19. Peak Torque Speed (RPM)
		Calif. Only	49-State	50-State					
5.7 OSXiE-J	**3869453**			**X**	**5700**	**239**	**5000**	**505**	**3600**
5.7 OSXi-JF	**3869410**			**X**	**5700**	**239**	**5000**	**505**	**3600**
5.7 OSXiE-JF	**3869436**			**X**	**5700**	**239**	**5000**	**505**	**3600**