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**UNITED STATES SECURITIES AND EXCHANGE COMMISSION  
WASHINGTON, DC 20549**

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**Post-Effective Amendment No. 1  
to  
Form S-1**

**REGISTRATION STATEMENT  
UNDER  
THE SECURITIES ACT OF 1933**

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**ORION MARINE GROUP, INC.**

(Exact name of registrant as specified in its charter)

**Delaware**  
(State or other jurisdiction of  
incorporation or organization)

**1600**  
(Primary Standard Industrial  
Classification Code)

**26-0097459**  
(I.R.S. Employer  
Identification Number)

**12550 Fuqua  
Houston, Texas 77034  
(713) 852-6500**  
(Address, including zip code, and telephone number,  
including area code, of Registrant's principal executive officers)

**J. Michael Pearson  
President and Chief Executive Officer  
12550 Fuqua, Houston, Texas 77034  
(713) 852-6500**  
(Name, address, including zip code, and telephone number,  
including area code, of agent for service)

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***Copies Requested to:***

**Kyle K. Fox, Esq.  
Vinson & Elkins LLP  
The Terrace 7  
2801 Via Fortuna, Suite 100  
Austin, Texas 78746  
Telephone: (512) 542-8539  
Fax: (512) 236-3340**

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**Approximate date of commencement of proposed sale to the public:** . Not applicable.

If any of the securities being registered on this Form are to be offered on a delayed or continuous basis pursuant to Rule 415 under the Securities Act of 1933, as amended (the "Securities Act"), check the following box. ☐

If this form is filed to register additional securities for an offering pursuant to Rule 462(b) under the Securities Act, please check the following box and list the Securities Act registration statement number of the earlier effective registration statement for the same offering. ☐

If this Form is a post-effective amendment filed pursuant to Rule 462(c) under the Securities Act, check the following box and list the Securities Act registration statement number of the earlier effective registration statement for the same offering. ☐

If this Form is a post-effective amendment filed pursuant to Rule 462(d) under the Securities Act, check the following box and list the Securities Act

registration statement number of the earlier effective registration statement for the same offering. ☐

The Registration Fee was previously calculated and paid in connection with the filing of the Registration Statement on August 20, 2007.

No exhibits are filed with this Post-Effective Amendment No. 1.

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THIS POST-EFFECTIVE AMENDMENT NO. 1 TO THE REGISTRATION STATEMENT ON FORM S-1 SHALL BECOME EFFECTIVE IN ACCORDANCE WITH SECTION 8(C) OF THE SECURITIES ACT OF 1933, AS AMENDED, ON SUCH DATE AS THE SECURITIES AND EXCHANGE COMMISSION, ACTING PURSUANT TO SAID SECTION 8(C), MAY DETERMINE.

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## **DEREGISTRATION OF SECURITIES; TERMINATION OF REGISTRATION STATEMENT**

On December 19, 2007, the Securities and Exchange Commission (the “Commission”) declared effective a Registration Statement on Form S-1 (File No. 333-145588) (the “Registration Statement”) of Orion Marine Group, Inc. (the “Registrant”) relating to the resale from time to time of up to 20,949,196 common shares (the “Registered Shares”) of the Registrant by the selling shareholders named in the Registration Statement pursuant to the plan of distribution set forth therein. The Registrant has supplemented the prospectus (the “Prospectus”) included in the Registration Statement with the information set forth in Prospectus Supplement No. 1 dated December 28, 2007, Prospectus Supplement No. 2 dated March 3, 2008, Prospectus Supplement No. 3 dated March 6, 2008, and Prospectus Supplement No. 4 dated March 19, 2008, filed with the Commission.

Registrant has determined that it will no longer maintain effectiveness of the Registration Statement in light of the Commission’s recent amendments to Rule 144 under the Securities Act of 1933, as amended, which would enable non-affiliate shareholders of the Registrant’s shares covered by the Registration Statement to freely resell those shares if the applicable conditions of the amended Rule 144 are met. Accordingly, this Post-Effective Amendment No. 1 to the Registration Statement is being filed solely to terminate the effectiveness of the Registration Statement and to deregister, as of the effective date of this Post-Effective Amendment No. 1, all of the Registered Shares that remain unsold under the Registration Statement as of the date hereof. The Registration Statement is hereby amended, as appropriate, to reflect the deregistration of all such securities.

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## SIGNATURES

Pursuant to the requirements of the Securities Act of 1933, the Registrant has duly caused this Post-Effective Amendment No. 1 to the Registration Statement to be signed on its behalf by the undersigned, thereunto duly authorized, on this 20th day of March, 2008.

ORION MARINE GROUP, INC.  
(Registrant)

By: /s/ J. Michael Pearson

Name: J. Michael Pearson

Title: *President and Chief Executive Officer*

<u>Signature</u>	<u>Title</u>	<u>Date</u>
<u>/s/ J. Michael Pearson</u> <i>J. Michael Pearson</i>	President and Chief Executive Officer (Principal Executive Officer)	March 20, 2008
<u>/s/ Mark Stauffer*</u> <i>Mark Stauffer</i>	Chief Financial Officer (Principal Financial Officer and Principal Accounting Officer)	March 20, 2008
<u>/s/ Richard L. Daerr, Jr.*</u> <i>Richard L. Daerr, Jr.</i>	Chairman of the Board	March 20, 2008
<u>/s/ Thomas N. Amonett*</u> <i>Thomas N. Amonett</i>	Director	March 20, 2008
<u>/s/ Austin J. Shanfelter*</u> <i>Austin J. Shanfelter</i>	Director	March 20, 2008
<u>/s/ Gene Stoever*</u> <i>Gene Stoever</i>	Director	March 20, 2008
<u>/s/ J. Michael Pearson</u>		

\*By: J. Michael Pearson  
*Attorney-in-Fact*