



DIVISION OF
CORPORATION FINANCE

UNITED STATES
SECURITIES AND EXCHANGE COMMISSION
WASHINGTON, D.C. 20549-7010

September 8, 2010

Via Mail and Facsimile (44 1224 780 444)

Daniel W. Rabun
Chairman, President and Chief Executive Officer
EnSCO International plc
6 Chesterfield Gardens
London, England
W1J5BQ

**Re: EnSCO International plc
Form 10-K for the Fiscal Year Ended December 31, 2009
Filed February 25, 2010
File No. 1-8097**

Dear Mr. Rabun:

We have limited our review of your filing to disclosure relating to your contacts with countries that have been identified as a state sponsor of terrorism, and we have the following comments. Our review with respect to this issue does not preclude further review by the Assistant Director group with respect to other issues. At this juncture, we are asking you to provide us with supplemental information, so that we may better understand your disclosure. Please be as detailed as necessary in your response. After reviewing this information, we may raise additional comments.

Please understand that the purpose of our review process is to assist you in your compliance with the applicable disclosure requirements and to enhance the overall disclosure in your filings. We look forward to working with you in these respects. We welcome any questions you may have about our comment or on any other aspect of our review. Feel free to call us at the telephone numbers listed at the end of this letter.

General

1. We note from disclosure throughout your Form 10-K that you conduct operations in the Middle and Africa. Iran and Syria, countries located in the Middle East, and Sudan, located in Africa, are identified by the State Department as state sponsors of terrorism and are subject to U.S. economic sanctions and export controls. We also note from prior SEC filings that your subsidiary ENSCO Drilling Company was/is qualified to do business in Syria. We note that your Form 10-K does not include disclosure regarding contacts with Iran, Syria or

Daniel W. Rabun
EnSCO International plc
September 8, 2010
Page 2

Sudan. Please describe to us the nature and extent of your past, current, and anticipated contacts with Iran, Syria or Sudan whether through subsidiaries, resellers, distributors or other direct or indirect arrangements. Your response should describe any services or products you have provided to Iran, Syria or Sudan and any agreements, commercial arrangements, or other contacts you have had with the governments of Iran, Syria or Sudan, or entities controlled by these governments.

* * * *

Please respond to this comment within 10 business days or tell us when you will provide us with a response. Please submit your response letter on EDGAR.

We urge all persons who are responsible for the accuracy and adequacy of the disclosure in the filing to be certain that the filings include all information required under the Exchange Act of 1934 and that they have provided all information investors require for an informed investment decision. Since the company and its management are in possession of all facts relating to the company's disclosure, they are responsible for the accuracy and adequacy of the disclosures they have made.

In connection with responding to our comment, please provide, in writing, a statement from the company acknowledging that:

- the company is responsible for the adequacy and accuracy of the disclosure in the filings;
- staff comments or changes to disclosure in response to staff comments do not foreclose the Commission from taking any action with respect to the filings; and
- the company may not assert staff comments as a defense in any proceeding initiated by the Commission or any person under the federal securities laws of the United States.

In addition, please be advised that the Division of Enforcement has access to all information you provide to the staff of the Division of Corporation Finance in our review of your filings or in response to our comments on your filings.

Daniel W. Rabun
Ensco International plc
September 8, 2010
Page 3

Please understand that we may have additional comments after we review your response to our comment. Please contact Jennifer Hardy, Special Counsel, at (202) 551-3767 if you have any questions about the comment or our review. You may also contact me at (202) 551-3470.

Sincerely,

Cecilia Blye, Chief
Office of Global Security Risk

cc: Roger Schwall
Assistant Director
Division of Corporation Finance