Ensco plc Form 4 February 09, 2011

FORM 4

UNITED STATES SECURITIES AND EXCHANGE COMMISSION Washington, D.C. 20549

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

SECURITIES

OMB APPROVAL OMB 3235-0287

Number:

January 31, Expires: 2005

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subject to Section 16. Form 4 or Form 5 obligations

may continue.

See Instruction

if no longer

Check this box

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934, Section 17(a) of the Public Utility Holding Company Act of 1935 or Section

30(h) of the Investment Company Act of 1940

1(b).

(Print or Type Responses)

1. Name and Addr MOOMJIAN (*	_	2. Issuer Name and Ticker or Trading Symbol Ensco plc [ESV]	5. Relationship of Reporting Person(s) to Issuer		
(Last) (First) (Mide		(Middle)	3. Date of Earliest Transaction	(Check all applicable)		
500 N. AKARD STREET, SUITE 4300		SUITE	(Month/Day/Year) 02/07/2011	Director 10% OwnerX Officer (give title Other (specify below) Vice President and Secretary		
	(Street)		4. If Amendment, Date Original	6. Individual or Joint/Group Filing(Check		
DALLAS, TX 75201-3331			Filed(Month/Day/Year)	Applicable Line) _X_ Form filed by One Reporting Person Form filed by More than One Reporting Person		

(City)	(State) (Z	Zip) Table	I - Non-Do	erivative S	ecurit	ies Acqui	ired, Disposed of	or Beneficial	ly Owned
1.Title of Security (Instr. 3)	2. Transaction Date 2A. Deemed (Month/Day/Year) Execution Date, any (Month/Day/Year)		3. 4. Securities Acquired Transaction(A) or Disposed of (D) Code (Instr. 3, 4 and 5) (Instr. 8)			Beneficially Form Owned Direct Following or Inc	6. Ownership Form: Direct (D) or Indirect (I)	Beneficial (D) Ownership	
			Code V	Amount	(A) or (D)	Price	Transaction(s) (Instr. 3 and 4)	(Instr. 4)	
American Depositary Shares	02/07/2011		A	14,388 (1)	A	\$ 52.13	46,846	D	

Reminder: Report on a separate line for each class of securities beneficially owned directly or indirectly.

Persons who respond to the collection of SEC 1474 information contained in this form are not (9-02)required to respond unless the form displays a currently valid OMB control number.

Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities)

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1. Title of	2.	3. Transaction Date		4.	5.	6. Date Exerc		7. Title a		8. Price of	9. Nu
Derivative Security (Instr. 3)	Conversion or Exercise Price of Derivative Security	(Month/Day/Year)	Execution Date, if any (Month/Day/Year)	Transactic Code (Instr. 8)	onNumber of Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)			Amount Underlyi Securitie (Instr. 3	ing es	Derivative Security (Instr. 5)	Deriv Secur Bene Own Follo Repo Trans (Instr
				Code V	(A) (D)	Date Exercisable	Expiration Date	or Title N of	umber		

Reporting Owners

Reporting Owner Name / Address	Relationships							
•	Director	10% Owner	Officer	Other				
MOOMJIAN CARY A JR 500 N. AKARD STREET SUITE 4300 DALLAS, TX 75201-3331			Vice President and Secretary					

Signatures

/s/ Cary A.

Moomjian, Jr.

**Signature of Reporting

Date

Explanation of Responses:

- * If the form is filed by more than one reporting person, see Instruction 4(b)(v).
- ** Intentional misstatements or omissions of facts constitute Federal Criminal Violations. See 18 U.S.C. 1001 and 15 U.S.C. 78ff(a).

Amount is representative of an Employee Restricted Depositary Shares Grant with an effective date of February 7, 2011. The Employee

1) Restricted Depositary Shares Grant vest at a rate of 33.3% per annum on the anniversary date of the grant and is fully vested in three (3).

(1) Restricted Depositary Shares Grant vest at a rate of 33.3% per annum on the anniversary date of the grant and is fully vested in three (3) years.

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, *see* Instruction 6 for procedure. Potential persons who are to respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB number.

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