Howe Michael Brian Form 4 June 03, 2010

FORM 4

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

OMB APPROVAL

OMB 3235-0287 Number:

January 31, Expires: 2005

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Check this box if no longer subject to Section 16. Form 4 or

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF **SECURITIES**

Form 5 obligations may continue. See Instruction

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).

4300

(Print or Type Responses)

1. Name and Address of Reporting Person * 5. Relationship of Reporting Person(s) to 2. Issuer Name and Ticker or Trading Howe Michael Brian Issuer Symbol Ensco plc [ESV] (Last) (First) (Middle) 3. Date of Earliest Transaction

(Month/Day/Year) Director 10% Owner X_ Officer (give title __ Other (specify 06/01/2010 below) below) Treasurer

(Street) 4. If Amendment, Date Original Filed(Month/Day/Year)

6. Individual or Joint/Group Filing(Check Applicable Line) _X_ Form filed by One Reporting Person Form filed by More than One Reporting Person

(Check all applicable)

DALLAS, TX 75201-3331

500 N. AKARD STREET, SUITE

(Ctata)

	(City)	(State) (Z	Table	I - Non-De	rivative S	ecurit	ties Acqu	ired, Disposed of,	or Beneficiall	y Owned
Sec	Fitle of curity str. 3)	2. Transaction Date (Month/Day/Year)	2A. Deemed Execution Date, if any (Month/Day/Year)	3. Transaction Code (Instr. 8)	4. Securi on(A) or Di (Instr. 3,	ispose	d of (D)	5. Amount of Securities Beneficially Owned Following Reported Transaction(s) (Instr. 3 and 4)	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	7. Nature of Indirect Beneficial Ownership (Instr. 4)
De	merican epositary ares	06/01/2010		F	738 (1)	D	\$ 34.45	13,192	D	
De	merican epositary aares	06/01/2010		A	7,500 (2)	A	\$ 34.45	20,692	D	

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

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

1. Title of	2.	3. Transaction Date	3A. Deemed	4.	5.	6. Date Exerc	cisable and	7. Title	e and	8. Price of	9. Nu
Derivative	Conversion	(Month/Day/Year)	Execution Date, if	Transaction	onNumber	Expiration D	ate	Amou	nt of	Derivative	Deriv
Security	or Exercise		any	Code	of	(Month/Day/	Year)	Underl	lying	Security	Secui
(Instr. 3)	Price of		(Month/Day/Year)	(Instr. 8)	Derivative	e		Securit	ties	(Instr. 5)	Bene
	Derivative				Securities			(Instr.	3 and 4)		Owne
	Security				Acquired						Follo
	•				(A) or						Repo
					Disposed						Trans
					of (D)						(Instr
					(Instr. 3,						
					4, and 5)						
									A manust		
									Amount		
						Date	Expiration		or Namel		
						Exercisable Date	Date		Number		
				C-1- V	(A) (D)				of		
				Coue v	(A) (D)				Shares		

Reporting Owners

Kelationships

10% Owner Officer Director Other

Howe Michael Brian 500 N. AKARD STREET **SUITE 4300** DALLAS, TX 75201-3331

Treasurer

Signatures

/s/ Michael B.

Howe 06/02/2010 Date **Signature of

Reporting Person

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 American Depositary Shares surrendered for tax purposes upon vesting of restricted shares on 06/01/2010, as related to multiple equity grants.
- Amount is representative of an Employee Restricted American Depositary Shares Grant. The Employee Restricted American Depositary **(2)** Shares Grant vest at a rate of 20% per annum on the anniversary date of the grant and is fully vested in five (5) 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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