#### DOTSON GEORGE S

Form 4

February 25, 2010

### FORM 4

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

**SECURITIES** 

**OMB APPROVAL** 

**OMB** Number:

3235-0287

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January 31, 2005

0.5

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subject to Section 16. Form 4 or Form 5 obligations may continue.

Check this box

if no longer

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 See Instruction

1(b).

(Print or Type Responses)

1. Name and Address of Reporting Person * DOTSON GEORGE S			2. Issuer Name <b>and</b> ymbol	l Ticker or	Tradi	ng	5. Relationship of Reporting Person(s) to Issuer			
			ATWOOD OCEANICS INC [ATW]				(Check all applicable)			
(Last)	(First) (N	Middle) 3.	3. Date of Earliest Transaction							
			(Month/Day/Year)				_X_ Director		Owner	
15835 PARK TEN PLACE DRIVE			02/23/2010				Officer (give title Other (specify below)			
(Street)			4. If Amendment, Date Original				6. Individual or Joint/Group Filing(Check			
		Fi	Filed(Month/Day/Year)				Applicable Line) _X_ Form filed by One Reporting Person			
HOUSTON, TX 77084							Form filed by More than One Reporting Person			
(City)	(State)	(Zip)	Table I - Non-I	Derivative	Secur	rities Acq	uired, Disposed o	f, or Beneficial	ly Owned	
1.Title of	2. Transaction Date	e 2A. Deemed	1 3.	4. Securities Acquired			5. Amount of	6. Ownership	7. Nature of	
Security	(Month/Day/Year)	Execution D	ate, if Transacti	on(A) or D	ispose	d of (D)	Securities	Form: Direct Indi	Indirect	
(Instr. 3) any		Code	(Instr. 3, 4 and 5)			Beneficially	(D) or	Beneficial		
		(Month/Day	/Year) (Instr. 8)				Owned	Indirect (I)	Ownership	
							Following	(Instr. 4)	(Instr. 4)	
					(A)		Reported Transaction(s)			
					or		(Instr. 3 and 4)			
			Code V	Amount	(D)	Price	(======================================			
Common Stock	02/23/2010		A	6,000 (1)	A	\$ 33.33	42,418	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)

#### Edgar Filing: DOTSON GEORGE S - Form 4

1. Title of Derivative	2. Conversion	3. Transaction Date (Month/Day/Year)		4. Transacti	5. orNumber	6. Date Exerci Expiration Da		7. Title an			9. Nu Deriv
Security (Instr. 3)	or Exercise Price of Derivative Security	(Month Day, Tear)	any (Month/Day/Year)	Code (Instr. 8)	of	(Month/Day/Y e	(Month/Day/Year)		ng Secur s (Instr. and 4)	ity S . 5) E C F F	Secur Bene Owne Follo Repo Trans (Instr
				Code V	(A) (D)		Expiration Date	or Nu of	nount imber ares		

# **Reporting Owners**

Reporting Owner Name / Address Relationships

Director 10% Owner Officer Other

DOTSON GEORGE S 15835 PARK TEN PLACE DRIVE X HOUSTON, TX 77084

## **Signatures**

George S. 02/25/2010 Dotson

\*\*Signature of Date
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).
- (1) Purchased shares in open market.

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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