

FORM 4**UNITED STATES SECURITIES AND EXCHANGE COMMISSION**

Washington, D.C. 20549

OMB APPROVAL

OMB Number: 3235-0287
 Estimated average burden
 hours per response: 0.5

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STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934
 or Section 30(h) of the Investment Company Act of 1940

1. Name and Address of Reporting Person* <u>Usher Christopher Theron</u> (Last) (First) (Middle) <u>2105 CITYWEST BOULEVARD</u> <u>SUITE 100</u> (Street) <u>HOUSTON TX 77042-2855</u> (City) (State) (Zip)			2. Issuer Name and Ticker or Trading Symbol <u>ION GEOPHYSICAL CORP [10]</u>		5. Relationship of Reporting Person(s) to Issuer (Check all applicable) Director 10% Owner <input checked="" type="checkbox"/> Officer (give title below) Other (specify below) <u>EVP & COO, OPER OPTIMIZATION</u>	
			3. Date of Earliest Transaction (Month/Day/Year) <u>12/01/2018</u>			
			4. If Amendment, Date of Original Filed (Month/Day/Year)		6. Individual or Joint/Group Filing (Check Applicable Line) <input checked="" type="checkbox"/> Form filed by One Reporting Person Form filed by More than One Reporting Person	

Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned

1. Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	2A. Deemed Execution Date, if any (Month/Day/Year)	3. Transaction Code (Instr. 8)		4. Securities Acquired (A) or Disposed Of (D) (Instr. 3, 4 and 5)			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)
			Code	V	Amount	(A) or (D)	Price			
Common Stock	12/01/2018		A		89,430 ⁽¹⁾	A	\$0.00	143,114	D	

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

1. Title of Derivative Security (Instr. 3)	2. Conversion or Exercise Price of Derivative Security	3. Transaction Date (Month/Day/Year)	3A. Deemed Execution Date, if any (Month/Day/Year)	4. Transaction Code (Instr. 8)		5. Number of Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4 and 5)	6. Date Exercisable and Expiration Date (Month/Day/Year)		7. Title and Amount of Securities Underlying Derivative Security (Instr. 3 and 4)	8. Price of Derivative Security (Instr. 5)	9. Number of derivative Securities Beneficially Owned Following Reported Transaction(s) (Instr. 4)	10. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	11. Nature of Indirect Beneficial Ownership (Instr. 4)
				Code	V		Date Exercisable	Expiration Date					
Stock Appreciation Right	\$8.85	12/01/2018		A		95,435	(2)	12/01/2028	Common Stock	95,435	\$0.00	95,435	D

Explanation of Responses:

1. Restricted Stock award issued pursuant to the ION Geophysical Corporation Third Amended and Restated 2013 Long Term Incentive Plan. The shares of restricted stock are subject to both time-based and performance-based vesting requirements. The time-based vesting requirements provide that the shares vest in three equal installments beginning on the first anniversary of the grant date, subject to satisfaction of the performance-based vesting requirements. The performance-based vesting requirements provide that the shares vest in three equal portions upon achievement of ION common stock 20 day volume weighted average price per share targets of \$17.50, \$22.50 and \$27.50, subject to satisfaction of the time-based vesting requirements.

2. Cash-settled Stock Appreciation Right ("SARs") issued pursuant to the ION Geophysical Corporation 2018 Stock Appreciation Rights Plan. The SARs are subject to both time-based and performance-based vesting requirements. The time-based vesting requirements provide that the SARs vest in three equal installments beginning on the first anniversary of the grant date, subject to satisfaction of the performance-based vesting requirements. The performance-based vesting requirements provide that the SARs vest in three equal portions upon achievement of ION common stock 20 day volume weighted average price per share targets of \$17.50, \$22.50 and \$27.50, subject to satisfaction of the time-based vesting requirements. The maximum value of each SAR is capped at \$27.50.

Remarks:

Rebecca F. Sacco, attorney-in-fact 12/04/2018

** Signature of Reporting Person Date

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

* 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).

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, see Instruction 6 for procedure.

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