ION GEOPHYSICAL CORP Form SC 13G February 14, 2008

SECURITIES AND EXCHANGE COMMISSION WASHINGTON, D.C. 20549

SCHEDULE 13G (Rule 13d-102)

INFORMATION TO BE INCLUDED IN STATEMENTS FILED PURSUANT TO RULES 13d-1(b), (c), AND (d) AND AMENDMENTS THERETO FILED PURSUANT TO RULE 13d-2(b)

ION Geophysical Corporation (Name of Issuer)

Common Stock, \$0.01 par value (Title of Class of Securities)

462044108 (CUSIP Number)

Check the appropriate box to designate the rule pursuant to which this Schedule is filed:

Rule 13d-1(b)

Rule 13d-1(c)

Rule 13d-1(d)

The information required on the remainder of this cover page shall not be deemed to be "filed" for the purpose of Section 18 of the Securities Exchange Act of 1934 or otherwise subject to the liabilities of that section of the Act but shall be subject to all other provisions of the Act (however, see the Notes).

CUSIP No. 462044108		13G	Page	2	of	7	Pages
I.R.S. IDENTIFICATI	 NAMES OF REPORTING PERSONS. I.R.S. IDENTIFICATION NOS. OF ABOVE PERSONS (ENTITIES ONLY) Fletcher Asset Management, Inc. 						
2. CHECK THE APPRO						(a) (b)	
3. SEC USE ONLY	SEC USE ONLY						
4. CITIZENSHIP OR PL	4. CITIZENSHIP OR PLACE OF ORGANIZATION					Delaware	
NUMBER OF SHARES BENEFICIALLY OWNED	5.	SOLE V	OTING PO	OWER			6,569,198
BY EACH REPORTING PERSON WITH	6.	SHARED VOTING POWER					0
	7.	SOLE DI	SPOSITIV	VE PO	WER		6,569,198
	8.	SHAREI	DISPOS	ITIVE	POWE	R	0
9. AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON					G 6,569,198		
10. CHECK IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES*					IN		
11. PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9) 6.4%					6.4%		
12. TYPE OF REPORTIN	IG PERSON*						IA

CUSIP	No. 462044108		13G	Page	3	of	7	Pages	
1.	. NAMES OF REPORTING PERSONS. I.R.S. IDENTIFICATION NOS. OF ABOVE PERSONS (ENTITIES ONLY) Alphonse Fletcher, Jr.								
2.						(a) (b)			
3.	SEC USE ONLY								
4.	CITIZENSHIP OR PLACE OF ORGANIZATION					Unite	d States		
	IBER OF SHARES FICIALLY OWNED	5.	SOLE VO	TING PO	WER			0	
BY EACH REPORTING PERSON WITH		6.	SHARED VOTING POWER					0	
		7.	SOLE DIS	SPOSITIV	E PO	WER		0	
		8.	SHARED	DISPOSI	TIVE	POWE	R	0	
9.	9. AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON					G 6,569	,198		
10.	10. CHECK IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES*								
11.	1. PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9) 6.4%								
12.	TYPE OF REPORTING P	ERSON*						НС	

Item 1(a).	Name of Issuer:	
	ION Geophysical Corporation	1
Item 1(b).	Address of Issuer's Principal I 2105 CityWest Boulevard Building III, Suite 400 Houston, Texas 77042	Executive Offices:
Item 2(a).	Names of Persons Filing:	
	Fletcher Asset Management, l	Inc. ("FAM") and Alphonse Fletcher, Jr.
Item 2(b).	Address of Principal Business 48 Wall Street 5th Floor New York, New York 10005	Office or, if none, Residence:
Item 2(c).	Citizenship:	
	FAM is a corporation organiz citizen of the United States.	ed under the laws of the State of Delaware. Alphonse Fletcher, Jr. is a
Item 2(d).	Title of Class of Securities:	
	Common Stock, \$0.01 par val	ue
Item 2(e).	CUSIP Number:	
	462044108	
Item 3.	If this statement is filed pursu filing is a:	ant to Rule 13d-1(b), or Rule 13d-2(b) or (c), check whether the person
(a)	[]	Broker or dealer registered under Section 15 of the Exchange Act;
(b)	[]	Bank as defined in Section 3(a)(6) of the Exchange Act;
(c)	[]	Insurance company as defined in Section 3(a)(19) of the Exchange Act;
(d)	[]	Investment company registered under Section 8 of the Investment Company Act;
(e)	[X]	An investment adviser in accordance with Rule 13d-1(b)(1)(ii)(E);
(f)	[]	An employee benefit plan or endowment fund in accordance with Rule 13d-1(b)(1)(ii)(F);

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(g)	[X]	A parent holding company or control person in accordance with Rule $13d-1(b)(1)(ii)(G)$;
(h)	[]	A savings association as defined in Section 3(b) of the Federal Deposit Insurance Act;

	(i)	[]	A church plan that is excluded from the definition of an investment company under Section 3(c)(14) of the Investment Company Act; or				
	(j)	[]	Group, in accordance with Rule 13d-1(b)(1)(ii)(J).				
If this sta	atement is file	ed pursuant to Rule 13d-1(c), che	eck this box [].				
(a) (b)		Ownership.					
	(a)	Amount Beneficially Owned:					
		6,569,198 shares					
	(b)	Percent of Class:					
		"Common Stock"), of ION (95,734,329 shares reported 2007, and (ii) 6,528,398 shares	27 shares of Common Stock, par value \$0.01 per share (the Geophysical Corporation (the "Company") consisting of (i) by the Company to FAM to be outstanding as of December 31, ares of Common Stock underlying the Convertible Securities (as owned by FAM and Mr. Fletcher issuable within 60 days as of				
	(c)	Number of shares as to which FAM has:					
		(i)	Sole power to vote or to direct the vote:				
			6,569,198 shares				
		(ii)	Shared power to vote or to direct the vote:				
			0 shares				
		(iii)	Sole power to dispose or to direct the disposition of:				
			6,569,198 shares				
		(iv)	Shared power to dispose or to direct the disposition of:				
			0 shares				

The 6,569,198 shares of Common Stock reported to be beneficially owned consist of 40,800 shares of Common Stock and 6,528,398 shares of Common Stock issuable upon the conversion or exercise by Fletcher International, Ltd. of certain convertible securities and rights (collectively the "Convertible Securities") pursuant to an Agreement, dated February 15, 2005, by and between the Company and Fletcher International, Ltd. The Convertible Securities are exercisable within 60 days as of December 31, 2007. The holdings reported reflect the shares of Common Stock issuable within 60 days as of December 31, 2007 that would have been held had the Convertible Securities been converted and exercised on December 31, 2007.

The shares of Common Stock of the Company reported to be beneficially owned consist of shares of Common Stock underlying the Convertible Securities held in one or more accounts managed by FAM (the "Accounts"), for Fletcher International, Ltd. FAM has sole power to vote and sole power to dispose of all shares of Common Stock underlying the Convertible Securities in the Accounts. By virtue of Mr. Fletcher's position as Chairman and Chief Executive Officer of FAM, Mr. Fletcher may be deemed to have the shared power to vote or direct the vote of, and the shared power to dispose or direct the disposition of, such shares, and, therefore, Mr. Fletcher may be deemed to be the beneficial owner of such Common Stock.

Item 5. Ownership of Five Percent or Less of a Class.

Not Applicable

Item 6. Ownership of More Than Five Percent on Behalf of Another Person.

This Schedule 13G is filed by FAM, which is an investment adviser registered under Section 203 of the Investment Advisers Act of 1940, as amended, with respect to the shares of Common Stock underlying the Convertible Securities held at December 31, 2007 in the Accounts managed by FAM. By reason of the provisions of Rule 13d-3 under the Act, FAM and Mr. Fletcher may each be deemed to beneficially own the shares of Common Stock underlying the Convertible Securities held in the Accounts. The Accounts have the right to receive or the power to direct the receipt of dividends from, or the proceeds from the sale of, such shares purchased for its account.

Item 7. Identification and Classification of the Subsidiary Which Acquired the Security Being Reported on By the Parent Holding Company.

This Schedule 13G is filed by FAM and Mr. Fletcher.

Item 8. Identification and Classification of Members of the Group.

Not Applicable

Item 9. Notice of Dissolution of Group.

Not Applicable

Item 10. Certifications.

By signing below Fletcher Asset Management, Inc. and Alphonse Fletcher, Jr. certify that, to the best of their knowledge and belief, the securities referred to above were acquired and are held in the ordinary course of business and were not acquired and are not held for the purpose of or with the effect of changing or influencing the control of the issuer of the securities and were not acquired and are not held in connection with or as a participant in any transaction having that purpose or effect.

SIGNATURE

After reasonable inquiry and to the best of their knowledge and belief, the undersigned certify that the information set forth in this statement is true, complete and correct.

Dated: February 13, 2008

Fletcher Asset Management, Inc.

By: /s/ Peter Zayfert

Name: Peter Zayfert

Title: Authorized Signatory

Alphonse Fletcher, Jr., in his individual capacity

By: /s/ Denis J. Kiely

Name: Denis J. Kiely for Alphonse Fletcher, Jr.

*By Power of Attorney, dated February 14, 2001,

attached as Exhibit A hereto.

Exhibit A

Power of Attorney

KNOW ALL MEN BY THESE PRESENTS, that the person whose signature appears below revokes all prior Power of Attorney and appoints Denis J. Kiely to act severally as attorney-in-fact for the undersigned solely for the purpose of executing reports required under Sections 13 and 16 of the Securities Exchange Act of 1934, as amended, and filing the same, with exhibits thereto, and other documents in connection therewith, with the Securities and Exchange Commission thereby ratifying and confirming all that said attorney-in-fact may do or cause to be done by virtue hereof.

Signed: /s/ Alphonse Fletcher Jr.

Alphonse Fletcher Jr.

Dated: February 14, 2001