ITERIS, INC. Form SC 13G January 29, 2007

OMB APPROVAL

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

SCHEDULE 13G

Under the Securities Exchange Act of 1934 (Amendment No. _____)*

Iteris Inc.

(Name of Issuer)

Common Stock

(Title of Class of Securities)

46564T107

(CUSIP Number)

December 31, 2006

(Date of Event Which Requires Filing of this Statement)

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

[x] Rule 13d-1(b)

[x] Rule 13d-1(c)

[] Rule 13d-1(d)

^{*}The remainder of this cover page shall be filled out for a reporting person's initial filing on this form with respect to

the subject class of securities, and for any subsequent amendment containing information which would alter the disclosures provided in a prior cover page.

The information required in 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 ("Act") 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. 46564T	107			
1.	Names of Reporting Persons. I.R.S. Identification Nos. of above persons (entities only). Gruber and McBaine Capital Management, LLC.			
2.	Check the Appropria (a) (b)	ate Box if a Member of a	Group (See Instructions)	
3.	SEC Use Only			
4.	Citizenship or Place California	of Organization		
Number of		5.	Sole Voting Power 0	
Shares Beneficially Owned by Each Reporting Person With		6.	Shared Voting Power 2,233,547	
		7.	Sole Dispositive Power 0	
		8.	Shared Dispositive Power 2,233,547	

Aggregate Amount Beneficially Owned by Each Reporting Person 2,233,547

Under the Securities Exchange Act of 1934(Amendment No. ______)*

9.

10	Check if the Agg	regate Amount in Row	v (9) Exc	ludes Certain Shares (See		
10.		Check if the Aggregate Amount in Row (9) Excludes Certain Shares (See Instructions)				
11.	Percent of Class 1	Percent of Class Represented by Amount in Row (9) 7.28 %				
12.	Type of Reporting Person (See Instructions) IA & OO					
CUSIP No. 46564T1	07					
	1.	Names of Report I.R.S. Identificati Jon D. Gruber	-	ons. of above persons (entities only).		
	2.	Check the Appro Instructions)	priate Bo	ox if a Member of a Group (See		
		(a) (b)	X			
	3.	SEC Use Only				
	4.	Citizenship or Pla	ace of Or	ganization		
Number of		:	5.	Sole Voting Power 437,665		
Shares Beneficially Owned by Each Reporting			6.	Shared Voting Power 2,233,547		
Person With		•				

California 3

7.

Sole Dispositive Power 437,665 Shared Dispositive Power 8. 2,233,547 Aggregate Amount Beneficially Owned by Each Reporting 9. Person **2,671,212** Check if the Aggregate Amount in Row (9) Excludes 10. Certain Shares (See Instructions)..... 11. Percent of Class Represented by Amount in Row (9) 8.71% 12. Type of Reporting Person (See Instructions) IN CUSIP No. 46564T107 1. Names of Reporting Persons. I.R.S. Identification Nos. of above persons (entities only). J. Patterson McBaine 2. Check the Appropriate Box if a Member of a Group (See Instructions) (a) X (b) SEC Use Only 3. Citizenship or Place of Organization 4. **United States**

United States 4

Number of Shares		5. Sole Voting Power	36,100	
Beneficially Owned by Each Reporting Person With		6. Shared Voting Pov 2,233,547	ver	
		7. Sole Dispositive P 36,100	ower	
		8. Shared Dispositive 2,233,547	Power	
	9.	Aggregate Amount Beneficially Owned by Each Person 2,269,647	Reporting	
	10.	Check if the Aggregate Amount in Row (9) Excludes Certain Shares (See Instructions)		
	11.	Percent of Class Represented by Amount in Row	(9) 7.40 %	
	12.	Type of Reporting Person (See Instructions) IN		
CUSIP No. 46564T107				
	1.	Names of Reporting Persons. I.R.S. Identification Nos. of above persons (entiti Eric B. Swergold	es only).	
	2.	Check the Appropriate Box if a Member of a Gro Instructions) (a) X (b)	up (See	
	3.	SEC Use Only		

United States 5

	4.		Citizenship or United States	Place of (Organization
Number of				5.	Sole Voting Power 35,525
Shares Beneficially Owned by Each Reporting Person With				6.	Shared Voting Power 2,233,547
				7.	Sole Dispositive Power 35,525
				8.	Shared Dispositive Power 2,233,547
	9.		Aggregate An Person 2,269,		eficially Owned by Each Reporting
	10.	Check if the Aggregate Amount in Row (9) Excludes Certain Shares (See Instructions)			
	11.	11. Percent of Class Represented by Amount in Row (9) 7.3 9			
	12.		Type of Repor	rting Perso	on (See Instructions) IN
Item 1.					
	(a)	Na	me of Issu	er: Iteris Inc.
	(b)	Ad	dress of Is	ssuer's Principal Executive Offices:

United States 6

1515 South Manchester Avenue

Anaheim, CA 92802

Item 2).
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Item 3.

	Name of	Person Filing:				
	Gruber o	& McBaine Capital Management, LLC M")				
(a)	Jon D. Gruber ("Gruber")					
	J. Patter	J. Patterson McBaine ("McBaine")				
	Eric Swergold ("Swergold")					
	Address Residen	of Principal Business Office or, if none, ce:				
(b)	50 Osgood Place, Penthouse, San Francisco, CA 94133					
(c)	Citizens	hip: See item 4 of cover sheet.				
(d)	Title of Class of Securities: Common Stock					
(e)	CUSIP I	Number: 46564T107				
	_	ursuant to 240.13d-1(b) or 240.13d-2(b) person filing is a:				
(a)	[]	Broker or dealer registered under section 15 of the Act (15 U.S.C. 780).				
(b)	[]	Bank as defined in section 3(a)(6) of the Act (15 U.S.C. 78c).				
(c)	[]	Insurance company as defined in section 3(a)(19) of the Act (15 U.S.C. 78c).				
(d)	[]	Investment company registered under section 8 of the Investment Company Act of 1940 (15 U.S.C 80a-8).				
(e)	[x]	An investment adviser in accordance with 240.13d-1(b)(1)(ii)(E);				
(f)	[]	An employee benefit plan or endowment fund in accordance with				

240.13d-1(b)(1)(ii)(F); A parent holding company or control (g) person in accordance with 240.13d-1(b)(1)(ii)(G); (h) [] A savings associations as defined in Section 3(b) of the Federal Deposit Insurance Act (12 U.S.C. 1813); (i) A church plan that is excluded from the definition of an investment company under section 3(c)(14) of the Investment Company Act of 1940 (15 U.S.C. 80a-3); Group, in accordance with (i) []240.13d-1(b)(1)(ii)(J). Ownership. See Items 5-9 and 11 of the cover page for each Filer. Ownership of Five Percent or Less of a Class If this statement is being filed to report the fact that as of the date hereof the reporting person has ceased to be the beneficial owner of more than five percent of the class of securities, check the following []. Ownership of More than Five Percent on Behalf of Another Person. GMCM is a registered investment advisor whose clients have the right to receive or the power to direct the receipt of dividends from, or the proceeds from the sale of the Stock. Gruber & McBaine are the Managers, controlling persons and portfolio managers of GMCM. No individual clients holdings of the Stock are more than five percent of the outstanding Stock. Lagunitas and Firefly are investment limited partnerships of which GMCM is the general partner. Identification and Classification of the Subsidiary Which Acquired the Security Being Reported on By the Parent Holding Company or Control Person. Identification and Classification of Members of the Group GMCM, Gruber, McBaine and Swergold constitute a group within the meaning of Rule 13d-5(b). Lagunitas and Firefly are not members of any group and disclaims beneficial ownership of the securities with respect

Item 4.

Item 5.

Item 6.

Item 7.

Item 8.

Not Applicable

to its ownership is reposited.

Item 9.

Notice of Dissolution of Group

Not Applicable

Item 10.

Certification

(a) The following certification shall be included with respect to GMCM:

By signing below I certify that, to the best of my 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.

(b) The following certification shall be included with respect to Gruber, McBaine and Swergold:

By signing below I certify that, to the best of my knowledge and belief, the securities referred to above 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 my knowledge and belief, I certify that the information set forth in this statement is true, complete and correct.

Dated: January 26, 2007

Gruber & McBaine Capital Management, LLC

SIGNATURE 9

By: /s/ J. Patterson McBaine

Title: Manager

/s/ Jon D. Gruber

Jon D. Gruber

/s/ J. Patterson McBaine

J. Patterson McBaine

/s/ Eric B. Swergold

Eric B. Swergold

Attention: Intentional misstatements or omissions of fact constitute Federal criminal violations

(See 18 U.S.C. 1001)

SIGNATURE 10