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

#### FORM 10-Q

# xQUARTERLY REPORT PURSUANT TO SECTION 13 OR 15(d) OF THE SECURITIES EXCHANGE ACT OF 1934 FOR THE QUARTERLY PERIOD ENDED June 30, 2012

# oTRANSITION REPORT PURSUANT TO SECTION 13 OR 15(d) OF THE SECURITIES EXCHANGE ACT OF 1934 FOR THE TRANSITION PERIOD FROM \_\_\_\_\_\_ TO \_\_\_\_\_

#### ALTAIR NANOTECHNOLOGIES INC.

(Exact name of registrant as specified in its charter)

Delaware (State or other jurisdiction of incorporation) 1-12497 (Commission File No.) 33-1084375 (IRS Employer Identification No.)

204 Edison Way Reno, Nevada 89502

(Address of principal executive offices, including zip code)

Registrant's telephone number, including area code: (775) 856-2500

Indicate by check mark whether the registrant (1) has filed all reports required to be filed by Section 13 or 15(d) of the Securities Exchange Act of 1934 during the preceding 12 months (or for such shorter period that the registrant was required to file such reports), and (2) has been subject to such filing requirements for the past 90 days. YES x NO o.

Indicate by check mark whether the registrant has submitted electronically and posted on its corporate Web site, if any, every Interactive Data File required to be submitted and posted pursuant to Rule 405 of Regulation S-T (§ 232.405 of this chapter) during the preceding 12 months (or for such shorter period that the registrant was required to submit and post such files). YES x NO o.

Indicate by check mark whether the registrant is a large accelerated filer, an accelerated filer, or a non-accelerated filer, or a smaller reporting company. See the definitions of "accelerated filer", "large accelerated filer", and "smaller reporting company" in Rule 12b-2 of the Exchange Act (Check one):

Large accelerated filer [] Accelerated filer []

Non-accelerated filer [] Smaller reporting company [X]

Indicate by check mark whether the registrant is a shell company (as defined in Rule 12b-2 of the Act): YES [] NO [X]

As of August 10, 2012 the registrant had 69,452,487 shares of Common Stock outstanding.

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### PART I - FINANCIAL INFORMATION

#### Item 1. Financial Statements

#### ALTAIR NANOTECHNOLOGIES INC. AND SUBSIDIARIES CONSOLIDATED BALANCE SHEETS (Expressed in thousands of United States Dollars, except shares)

ASSETS Current assets Cash and cash equivalents Restricted cash Accounts receivable, net Product inventories, net Prepaid expenses and other current assets Total current assets Property, plant and equipment, net Patents, net ASSETS S35,275 293 Accounts 9,860 2,022 Total current 6,297 S12	\$46,519 333 7,220 2,240 56,312
Cash and cash equivalents\$35,275Restricted cash293Accounts receivable, net576Product inventories, net9,860Prepaid expenses and other current assets2,022Total current assets48,026Property, plant and equipment, net6,297Patents, net312	333 7,220 2,240
Restricted cash293Accounts receivable, net576Product inventories, net9,860Prepaid expenses and other current assets2,022Total current assets48,026Property, plant and equipment, net6,297Patents, net312	333 7,220 2,240
Accounts receivable, net576Product inventories, net9,860Prepaid expenses and other current assets2,022Total current assets48,026Property, plant and equipment, net6,297Patents, net312	7,220 2,240
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Prepaid expenses and other current assets2,022Total current assets48,026Property, plant and equipment, net6,297Patents, net312	2,240
Total current assets48,026Property, plant and equipment, net6,297Patents, net312	
Property, plant and equipment, net6,297Patents, net312	56,312
Patents, net 312	
	6,870
	350
Total Assets \$54,635	\$63,532
LIABILITIES AND STOCKHOLDERS' EQUITY	
Current Liabilities	
Trade accounts payable \$6,225	\$5,870
Accrued salaries and benefits 928	1,132
Accrued warranty 383	354
Accrued liabilities 438	421
Deferred revenues 2,561	1,616
Warrant liabilities 475	654
Capital lease obligation 21	12
Total current liabilities11,031	10,059
Total Liabilities 11,031	10,059
	10,007
Stockholders' equity	
Common stock, no par value, unlimited shares authorized; 69,452,487 shares	
issued and outstanding at June 30, 2012 and December 31, 2011 245,617	245,617
Additional paid in capital 12,276	- ,
Accumulated deficit (214,157	12,279
Accumulated other comprehensive loss (132	12,279
Total stockholders' equity 43,604	12,279 ) (204,423 )

\$54,635	\$63,532
	\$54,635

#### ALTAIR NANOTECHNOLOGIES INC. AND SUBSIDIARIES CONSOLIDATED STATEMENTS OF OPERATIONS (Expressed in thousands of United States Dollars, except shares and per share amounts) (Unaudited)

	Three Months Ended June 30,		J	Ionths Ended June 30,
	2012	2011	2012	2011
Revenues				
Product sales	\$376	\$174	\$573	\$2,540
License fees	60	60	120	120
Commercial collaborations	18	78	18	80
Contracts and grants		164		287
Total revenues	454	476	711	3,027
Cost of goods sold				
Product	613	314	1,019	2,925
Commercial collaborations		197		197
Contracts and grants		168		296
Warranty and inventory reserves	461	12	475	58
Total cost of goods sold	1,074	691	1,494	3,476
Gross loss	(620	) (215	) (783	) (449
Operating expenses				
Research and development	1,789	1,284	3,622	3,340
Sales and marketing	925	913	1,845	1,964
General and administrative	1,425	1,204	3,174	3,376
Depreciation and amortization	250	379	519	754
Loss on disposal of assets				16
Total operating expenses	4,389	3,780	9,160	9,450
Loss from operations	(5,009	) (3,995	) (9,943	) (9,899
Other (expense) income				
Interest income (expense), net	32	(52	) 30	(59
Change in market value of warrants	102	1,022	179	1,022
Total other income, net	134	970	209	963
Net loss	\$(4,875	) \$(3,025	) \$(9,734	) \$(8,936
Loss per common share - basic and diluted	\$(0.07	) \$(0.10	) \$(0.14	) \$(0.31
Weighted average shares - basic and diluted	69,452,4	87 30,424,73	0 69,452,48	87 28,644,546

See notes to the consolidated financial statements.

#### ALTAIR NANOTECHNOLOGIES INC. AND SUBSIDIARIES CONSOLIDATED STATEMENTS OF COMPREHENSIVE LOSS (Expressed in thousands of United States Dollars) (Unaudited)

	Three Months Ended June 30,				
	2012			2011	
Net loss	\$ (4,875	)	\$	(3,025	)
	·				
Other comprehensive loss, net of tax:					
Foreign currency translation adjustment	(132	)			
Comprehensive loss	\$ (5,007	)	\$	(3,025	)
	Six M	onths E	nded Jui	ne 30,	
	Six M 2012	onths E	nded Jur	ne 30, 2011	
		onths E	nded Jur	,	
Net loss	\$	onths E	nded Jur \$	,	)
Net loss	\$ 2012	onths En		2011	)
Net loss Other comprehensive loss, net of tax:	\$ 2012	onths E		2011	)
	\$ 2012	onths Ei		2011	)
Other comprehensive loss, net of tax:	\$ 2012 (9,734	onths Ei		2011	)

See notes to the consolidated financial statements.

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#### ALTAIR NANOTECHNOLOGIES INC. AND SUBSIDIARIES CONSOLIDATED STATEMENTS OF STOCKHOLDERS' EQUITY (Expressed in thousands of United States Dollars, except shares) (Unaudited)

			A 111-1 1		Accumulated		
	C		Additional	A 1 1	Other		
	Commo		Paid In	Accumulated		T- 4-1	
D 1 A 11 1 2011	Shares	Amount	Capital	Deficit	Loss	Total	
Balance, April 1, 2011	30,615,680	\$193,373	\$12,425	\$ (190,401 )		\$15,397	
Net loss				(3,025)		(3,025	)
Share-based compensation		73	85			158	
Issuance cost adj of \$10		(10	)			(10	)
Balance, June 30, 2011	30,615,680	\$193,436	\$12,510	\$ (193,426)	\$ -	\$12,520	
			Additional		Other		
	Commo	n Stock	Paid In	Accumulated	Comprehensive		
	Shares	Amount	Capital	Deficit	Loss	Total	
Balance, April 1, 2012	69,452,487	\$245,617	\$12,351	\$ (209,282)		\$48,686	
Net loss				(4,875)		(4,875	)
Other comprehensive loss					(132)	(132	)
Share-based compensation			(75)			(75	)
Balance, June 30, 2012	69,452,487	\$245,617	\$12,276	\$ (214,157 )	\$ (132 )	\$43,604	
					Accumulated		
			Additional		Other		
	Commo	n Stock	Paid In	Accumulated			
	Shares	Amount	Capital	Deficit	Loss	Total	
Balance, January 1, 2011	27,015,680	\$189,491	\$12,297	\$ (184,490)	1000	\$17,298	
Durance, Junuary 1, 2011	27,015,000	ψ107,471	$\psi_1 2, 2 \rangle r$	φ(104,490)		$\psi 17,270$	
Net loss				(8,936)		(8,936	
Share-based compensation		150	213	(0,750)		363	)
Common stock issued, net of		150	215			505	
issurance							
costs of \$698 and warrant							
liabilities	3,600,000	3,795				3,795	
Balance, June 30, 2011	30,615,680	\$193,436	\$12,510	\$ (193,426)	¢	\$12,520	
Balance, Julie 50, 2011	50,015,080	\$195,450	\$12,310	\$ (195,420)	φ -	\$12,320	
					Accumulated		
			Additional				
	C		Additional	A 1 1	Other		
	Commo		Paid In		Comprehensive	TT ( 1	
D 1 1 1 2012	Shares	Amount	Capital	Deficit	Loss	Total	
Balance, January 1, 2012	69,452,487	\$245,617	\$12,279	\$ (204,423 )		\$53,473	
Net loss				(9,734)		(9,734	)
Other comprehensive loss				( )		· · · - ·	/
					(132)	(132	)
Share-based compensation			(3)		(132 )	(132 (3	)

Balance, June 30, 2012 69,452,487 \$245,617 \$12,276 \$ (214,157 ) \$ (132 ) \$43,604

See notes to the consolidated financial statements.

#### ALTAIR NANOTECHNOLOGIES INC. AND SUBSIDIARIES CONSOLIDATED STATEMENTS OF CASH FLOWS (Expressed in thousands of United States Dollars) (Unaudited)

	Six Months Ended June 30,			),
	2012		2011	
Cash flows from operating activities:				
Net loss	\$(9,734	)	\$(8,936	)
Adjustments to reconcile net loss to net cash used in operating activities:				
Depreciation and amortization	519		754	
Share-based compensation	(3	)	363	
Loss on disposal of assets			16	
Change in fair value of warrants	(179	)	(1,022	)
Changes in operating assets and liabilities:				
Accounts receivable, net	(243	)	409	
Product inventories	(2,478	)	810	
Prepaid expenses and other current assets	218		(19	)
Trade accounts payable	355		(1,000	)
Accrued salaries and benefits	(204	)	542	
Accrued warranty	29		28	
Deferred revenues	945		(865	)
Accrued liabilities	17		80	
Net cash used in operating activities	(10,758	)	(8,840	)
Cash flows from investing activities:				
Increase in restricted cash	(202			
	(293	)	(200	)
Purchase of property, plant and equipment	(56	)	(300	)
Proceeds from disposition of assets	(2.10)	>	5	×
Net cash used in investing activities	(349	)	(295	)
Cash flows from financing activities:				

Cash flows from financing activities: