

ASTROTECH Corp \WA\  
Form 10-Q  
February 03, 2012

**UNITED STATES**  
**SECURITIES AND EXCHANGE COMMISSION**

Washington, D.C. 20549

**FORM 10-Q**

(Mark One)

**QUARTERLY REPORT PURSUANT TO SECTION 13 OR 15(d) OF THE SECURITIES EXCHANGE ACT OF 1934**

For the quarterly period ended December 31, 2011

**OR**

**TRANSITION REPORT PURSUANT TO SECTION 13 OR 15(d) OF THE SECURITIES EXCHANGE ACT OF 1934**

For the transition period from \_\_\_\_\_ to \_\_\_\_\_

Commission File Number: 001-34426

**Astrotech Corporation**

(Exact name of registrant as specified in this charter)

**Washington**  
(State or other jurisdiction  
of incorporation or organization)

**401 Congress Avenue, Suite 1650**

**Austin, Texas 78701**

(Address of principal executive offices and zip code)

**(512) 485-9530**

(Registrant's telephone number, including area code)

**91-1273737**  
(I.R.S. Employer  
Identification No.)

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  No

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  No

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

Large accelerated filer

Accelerated filer

Non-accelerated filer  (Do not check if a smaller reporting company)

Smaller reporting company

Indicate by check mark whether the registrant is a shell company (as defined in Rule 12b-2 of the Exchange Act.) Yes  No

As of January 31, 2012 there were 19,376,800 shares of the registrant's common stock outstanding.

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ASTROTECH CORPORATION AND SUBSIDIARIES

QUARTERLY REPORT ON FORM 10-Q

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**PART I: FINANCIAL INFORMATION**

## ITEM 1. Condensed Consolidated Financial Statements

**ASTROTECH CORPORATION AND SUBSIDIARIES****Condensed Consolidated Balance Sheets**

(In thousands, except share data)

	September 30, December 31, 2011 (unaudited)	September 30, June 30, 2011
<b>Assets</b>		
Current assets		
Cash and cash equivalents	\$ 14,452	\$ 14,994
Accounts receivable, net	4,172	2,429
Prepaid expenses and other current assets	969	963
Short-term note receivable	675	
<b>Total current assets</b>	<b>20,268</b>	<b>18,386</b>
Property & equipment, net	37,313	38,418
Long-term note receivable, net		675
Other assets, net	112	141
<b>Total assets</b>	<b>\$ 57,693</b>	<b>\$ 57,620</b>
<b>Liabilities and Stockholders' Equity</b>		
Current liabilities		
Accounts payable	\$ 294	\$ 757
Accrued liabilities	1,321	1,342
Deferred revenue	12,357	10,919
Term note payable	361	348
<b>Total current liabilities</b>	<b>14,333</b>	<b>13,366</b>
Deferred revenue	874	274
Term note payable, net of current portion	6,232	6,422
<b>Total liabilities</b>	<b>21,439</b>	<b>20,062</b>
Stockholders' equity		
Preferred stock, no par value, convertible, 2,500,000 authorized shares, 0 issued and outstanding shares, at December 31, 2011 and June 30, 2011		
Common stock, no par value, 75,000,000 shares authorized; 19,014,147 and 18,339,609 shares issued at December 31, 2011 and June 30, 2011	183,712	183,712
Treasury stock, 311,660 shares at cost	(237)	(237)
Additional paid-in capital	1,447	1,104
Accumulated deficit	(151,394)	(148,942)
Noncontrolling interest	2,726	1,921

<b>Total stockholders equity</b>		<b>36,254</b>		<b>37,558</b>
<b>Total liabilities and stockholders equity</b>		<b>\$ 57,693</b>	<b>\$</b>	<b>57,620</b>

See accompanying notes to unaudited condensed consolidated financial statements.

## ASTROTECH CORPORATION AND SUBSIDIARIES

## Condensed Consolidated Statements of Operations

(In thousands, except per share data)

	September 30, Three Months Ended December 31,		September 30, Six Months Ended December 31,	
	2011 (unaudited)	2010	2011 (unaudited)	2010
Revenue	\$ 3,676	\$ 4,641	\$ 8,516	\$ 9,947
Cost of revenue	3,108	3,438	6,034	6,924
<b>Gross profit</b>	<b>568</b>	<b>1,203</b>	<b>2,482</b>	<b>3,023</b>
Operating expenses:				
Selling, general and administrative	1,708	2,119	3,637	4,426
Research and development	746	883	1,504	1,706
Total operating expenses	2,454	3,002	5,141	6,132
<b>Loss from operations</b>	<b>(1,886)</b>	<b>(1,799)</b>	<b>(2,659)</b>	<b>(3,109)</b>
Interest and other expense, net	(59)	(35)	(133)	(138)
<b>Loss before income taxes</b>	<b>(1,945)</b>	<b>(1,834)</b>	<b>(2,792)</b>	<b>(3,247)</b>
Income tax expense	(7)	(5)	(12)	(11)
<b>Net loss</b>	<b>(1,952)</b>	<b>(1,839)</b>	<b>(2,804)</b>	<b>(3,258)</b>
Less: Net loss attributable to noncontrolling interest	(166)	(277)	(352)	(534)
<b>Net loss attributable to Astrotech Corporation</b>	<b>\$ (1,786)</b>	<b>\$ (1,562)</b>	<b>\$ (2,452)</b>	<b>\$ (2,724)</b>
Net loss per share attributable to Astrotech Corporation, basic	\$ (0.10)	\$ (0.09)	\$ (0.13)	\$ (0.15)
Weighted average common shares outstanding, basic	18,445	17,853	18,285	17,627
Net loss per share attributable to Astrotech Corporation, diluted	\$ (0.10)	\$ (0.09)	\$ (0.13)	\$ (0.15)
Weighted average common shares outstanding, diluted	18,445	17,853	18,285	17,627

See accompanying notes to unaudited condensed consolidated financial statements.

## ASTROTECH CORPORATION AND SUBSIDIARIES

## Condensed Consolidated Statements of Cash Flows

(In thousands)

	September 30, Six Months Ended December 31, 2011 (unaudited)	September 30, Six Months Ended December 31, 2010 (unaudited)
<b>Cash flows from operating activities</b>		
Net loss	\$ (2,804)	\$ (3,258)
Adjustments to reconcile net loss to net cash provided by (used in) operating activities:		
Stock-based compensation	600	777
Asset impairment	200	
Depreciation and amortization	1,186	1,104
Other		10
Changes in assets and liabilities:		
Accounts receivable	(1,743)	3,174
Deferred revenue	2,038	778
Accounts payable	(463)	(334)
Other assets and liabilities	(26)	(1,331)
<b>Net cash provided by (used in) operating activities</b>	<b>(1,012)</b>	<b>920</b>
<b>Cash flows from investing activities</b>		
Purchases of property, equipment and leasehold improvements	(253)	(413)
<b>Net cash used in investing activities</b>	<b>(253)</b>	<b>(413)</b>
<b>Cash flows from financing activities</b>		
Term loan payment	(177)	(3,356)
Senior convertible notes repayment		(5,111)
Proceeds from term loan		6,943
Proceeds from issuance of common stock		142
State of Texas Funding	900	
<b>Net cash provided by (used in) financing activities</b>	<b>723</b>	<b>(1,382)</b>
<b>Net change in cash and cash equivalents</b>	<b>(542)</b>	<b>(875)</b>
Cash and cash equivalents at beginning of period	14,994	8,085
<b>Cash and cash equivalents at end of period</b>	<b>\$ 14,452</b>	<b>\$ 7,210</b>
<b>Supplemental disclosures of cash flow information:</b>		
Cash paid for interest	\$ 134	\$ 215

See accompanying notes to unaudited condensed consolidated financial statements.

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## ASTROTECH CORPORATION AND SUBSIDIARIES

### Notes to Unaudited Condensed Consolidated Financial Statements

#### (1) Description of the Company and Operating Environment

Astrotech Corporation (Nasdaq: ASTC) (Astrotech, the Company, we, us or our) is a commercial aerospace company that provides space payload processing and related services, designs and manufactures space hardware, and commercializes space technologies for use on Earth.

The Company has experience supporting both manned and unmanned missions to space with product and service support including space hardware design and manufacturing, research and logistics expertise, engineering and support services, and payload processing and integration. Through new Spacetechnology business initiatives such as 1<sup>st</sup> Detect and AstroGenetix, Astrotech is paving the way in the commercialization of space by translating space-based technology into terrestrial applications.

#### *Our Business Units*

##### *Astrotech Space Operations (ASO)*

ASO is a leading commercial supplier of satellite launch processing services in the United States. ASO provides processing support for government and commercial customers for their complex communication, earth observation and deep space satellites. ASO's spacecraft processing capabilities are among the elite in the industry, with ideally located facilities that can support the largest five-meter class satellites, encompassing the majority of U.S. based satellite preparation services. ASO has provided launch processing support for government and commercial customers for more than a quarter century, successfully processing more than 290 spacecraft without negatively impacting a customer launch schedule.

##### *Spacetechnology*

Our Spacetechnology business unit is an incubator intended to develop space-industry technologies into commercial applications to be sold to consumers and industry. Spacetechnology is currently working on two business initiatives: 1<sup>st</sup> Detect Corporation and AstroGenetix, Inc. 1<sup>st</sup> Detect's business began under a Space Act Agreement with the National Aeronautics and Space Administration (NASA) for a chemical detection unit to be used on the International Space Station. 1<sup>st</sup> Detect engineers are developing a Miniature Chemical Detector, based on ion trap mass spectrometry, that we believe fills a niche by being rapid, lightweight, battery-powered, durable and relatively inexpensive. AstroGenetix is a biotechnology company created to use the unique environment of space to discover and develop novel therapeutic products. A natural extension of the many years of experience preparing, launching, and operating scientific payloads in space, AstroGenetix is in the process of developing products from microgravity discoveries.

The Company's significant legal entities include Astrotech Space Operations, Inc., 1<sup>st</sup> Detect Corporation and AstroGenetix, Inc.

#### (2) Basis of Presentation

The accompanying unaudited condensed consolidated financial statements have been prepared by Astrotech Corporation in accordance with United States generally accepted accounting principles for interim financial information and the rules and regulations of the Securities and Exchange Commission. Accordingly, they do not include all of the information and footnotes required by United States generally accepted accounting principles for complete financial statements. In the opinion of management, all adjustments (consisting of normal recurring entries) considered necessary for a fair presentation have been included. Operating results for the six months ended December 31, 2011 are not necessarily indicative of the results that may be expected for the year ending June 30, 2012. These financial statements should be read in conjunction with the financial statements and notes included in the Company's Annual Report on Form 10-K for the year ended June 30, 2011.



**(3) Noncontrolling Interest**

In January 2010, restricted shares of Astrotech subsidiaries, 1<sup>st</sup> Detect and Astrogenetix, were granted to certain employees, directors and officers, resulting in Astrotech owning less than 100% of the subsidiaries. The Company applied noncontrolling interest accounting for the period ended December 31, 2011, which requires us to clearly identify the noncontrolling interest in the balance sheets and income statements. We disclose three measures of net income (loss): net loss, net loss attributable to noncontrolling interest, and net loss attributable to Astrotech Corporation. Our operating cash flows in our consolidated statements of cash flows reflect net loss, while our basic and diluted net loss per share calculations reflect net loss attributable to Astrotech Corporation.

	September 30, (In thousands)
<b>Beginning balance at June 30, 2011</b>	<b>\$ 1,921</b>
Net loss attributable to noncontrolling interest	(352)
State of Texas Funding (See Note 11)	900
Capital contribution	232
Stock based compensation expense	25
<b>Ending balance at December 31, 2011</b>	<b>\$ 2,726</b>

As of December 31, 2011, the Company's share of income and losses is 86% for 1<sup>st</sup> Detect and 84% for Astrogenetix.

**(4) Net Loss per Share**

Basic net loss per share is computed on the basis of the weighted average number of shares of common stock outstanding during the period. Diluted net loss per share is computed on the basis of the weighted average number of shares of common stock plus the effect of dilutive potential common shares outstanding during the period using the treasury stock method and the if-converted method. Dilutive potential common shares include outstanding stock options, convertible debt, and shared-based awards. Reconciliation and the components of basic and diluted net loss per share are as follows (in thousands, except per share data):

	September 30, Three Months Ended December 31,		September 30, Six Months Ended December 31,	
	2011	2010	2011	2010
<b>Numerator:</b>				
Net loss attributable to Astrotech Corporation, basic and diluted	\$ (1,786)	\$ (1,562)	\$ (2,452)	\$ (2,724)
<b>Denominator:</b>				
Denominator for basic net loss per share attributable to Astrotech Corporation weighted average common stock outstanding	18,445	17,853	18,285	17,627
Dilutive common stock equivalents common stock options and share-based awards				
Denominator for diluted net loss per share attributable to Astrotech Corporation weighted average common stock outstanding and dilutive common stock equivalents	18,445	17,853	18,285	17,627
Basic net loss per share attributable to Astrotech Corporation	\$ (0.10)	\$ (0.09)	\$ (0.13)	\$ (0.15)
Diluted net loss per share attributable to Astrotech Corporation	\$ (0.10)	\$ (0.09)	\$ (0.13)	\$ (0.15)

Options to purchase 1,147,850 shares of common stock at exercise prices ranging from \$0.30 to \$24.10 per share outstanding, for the three and six months ended December 31, 2011, were not included in diluted net loss per share, as the impact to net loss per share is anti-dilutive. Options

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to purchase 396,450 shares of common stock at exercise prices ranging from \$0.30 to \$34.38 per share outstanding for the three and six months ended December 31, 2010, were not included in diluted net loss per share as the impact to net loss per share is anti-dilutive.

**(5) Revenue Recognition**

Astrotech recognizes revenue employing several generally accepted revenue recognition methodologies across its business units. The methodology used is based on contract type and the manner in which products and services are provided.

Revenue generated by Astrotech's payload processing facilities is recognized ratably over the occupancy period of the spacecraft while in the Astrotech facilities. The percentage-of-completion method is used for all contracts where incurred costs can be reasonably estimated and successful completion can be reasonably assured at inception. Changes in estimated costs to complete and provisions for contract losses are recognized in the period they become known. Revenue for the sale of commercial products is recognized at shipment.

**A Summary of Revenue Recognition Methods**

<b>Services/Products Provided</b>	<b>Contract Type</b>	<b>Method of Revenue Recognition</b>
Payload Processing Facilities	Firm Fixed Price    Mission Specific	Ratably, over the occupancy period of a satellite within the facility from arrival through launch
Construction Contracts	Firm Fixed Price	Percentage-of-completion based on costs incurred
Engineering Services	Cost Reimbursable Award/Fixed Fee	Reimbursable costs incurred plus award/fixed fee
Commercial Products	Specific Purchase Order Based	At shipment
Grant	Cost Reimbursable Award	As costs are incurred for related research and development expenses

Under certain contracts, we make expenditures for specific enhancements and/or additions to our facilities where the customer agrees to pay a fixed fee to deliver the enhancement or addition. We account for such agreements as a reduction in the cost of such investments and recognize any excess of amounts collected above the expenditure as revenue.

**(6) Debt**

In October 2010, we entered into a financing facility with a commercial bank providing a \$7.0 million term loan note and a \$3.0 million revolving credit facility. The \$7.0 million term loan terminates in October 2015, and the \$3.0 million revolving credit facility expires in October 2012. The term loan requires monthly payments of principal plus interest at the rate of prime plus 0.25%, but not less than 4.0%. The revolving credit facility allows multiple advances not to exceed \$3.0 million, based on eligible accounts receivable, and incurs interest at the rate of prime plus 0.25%, but not less than 4.0%. The bank financing facilities are secured by the assets of ASO, including accounts receivable, and require us to comply with designated covenants. The balance of the \$7.0 million term loan at December 31, 2011 was \$6.6 million and there was no outstanding balance on the revolving credit facility at December 31, 2011.

The Company was in compliance with all covenants as of December 31, 2011.

**(7) Fair Value Measurement**

The accounting standard for fair value measurements defines fair value, establishes a market-based framework or hierarchy for measuring fair value, and expands disclosures about fair value measurements. The standard is applicable whenever assets and liabilities are measured and included in the financial statements at fair value.

The fair value hierarchy established in the standard prioritizes the inputs used in valuation techniques into three levels as follows:

Level 1 Quoted prices in active markets for identical assets or liabilities.

Level 2 Inputs other than Level 1 that are observable, either directly or indirectly, such as quoted prices for similar assets or liabilities; quoted prices in markets that are not active; or other inputs that are observable or can be corroborated by observable market data for substantially the full term of the assets or liabilities.

Level 3 Unobservable inputs that are supported by little or no market activity and that are significant to the fair value of the assets or liabilities.

The following table presents the carrying amounts, estimated fair values and valuation input levels of certain of the Company's financial instruments as of December 31, 2011 and June 30, 2011 (in thousands):

	September 30, December 31, 2011 Carrying Amount	September 30, Fair Value	September 30, June 30, 2011 Carrying Amount	September 30, Fair Value	September 30, Valuation Inputs
Debt	\$ 6,593	\$ 6,593	\$ 6,770	\$ 6,770	Level 2

The carrying value of the Company's debt at December 31, 2011 approximates fair value based on rates available for similar debt available to comparable companies in the marketplace. The carrying amounts of cash and cash equivalents, accounts receivable, notes receivable and accounts payable approximate their fair market value due to the relatively short duration of these instruments. Cash and cash equivalents are Level 1 securities.

**(8) Asset Impairments**

In the six months ended December 31, 2011, the Company evaluated the future use of two historical SPACEHAB modules. Due to the retirement of the space shuttle program in the United States and the lack of alternative uses which could potentially generate cash flow, the Company recorded a non-cash impairment of \$0.2 million for the two SPACEHAB modules as the full aggregate carrying amount was deemed no longer recoverable.

**(9) Business and Credit Risk Concentration**

A substantial portion of our revenue has been generated under contracts with the U.S. Government. During the six months ended December 31, 2011 and 2010, approximately 63% and 64%, respectively, of our revenues were generated under U.S. Government contracts. Accounts receivable totaled \$4.2 million at December 31, 2011, of which 69% was attributable to the U.S. Government.

The Company maintains funds in bank accounts that may exceed the limit insured by the Federal Deposit Insurance Corporation, or FDIC. In October 2008, the FDIC increased its insurance to \$250,000 per depositor, and to an unlimited amount for non-interest bearing accounts. The risk of loss attributable to these uninsured balances is mitigated by depositing funds in what we believe to be high credit quality financial institutions. The Company has not experienced any losses in such accounts.

**(10) Segment Information**

Management's primary financial and operating reviews focus on ASO, the core business unit. All intercompany transactions between business units have been eliminated in consolidation.



Key financial metrics for the six months ended December 31, 2011 are as follows (in thousands):

	September 30, Six Months Ended December 31, 2011	September 30, Six Months Ended December 31, 2011	September 30, Six Months Ended December 31, 2010	September 30, Six Months Ended December 31, 2010
Revenue and Income	Revenue	Income (loss) before income taxes	Revenue	Income (loss) before income taxes
<b>ASO</b>	\$ 8,418	(350)	\$ 9,860	233
<b>Spacotech</b>	\$ 98	(2,442)	\$ 87	(3,480)
	\$ 8,516	(2,792)	\$ 9,947	(3,247)

	September 30, December 31, 2011	September 30, Total Assets	September 30, June 30, 2011	September 30, Total Assets
Assets	Fixed Assets, net	Total Assets	Fixed Assets, net	Total Assets
<b>ASO</b>	\$ 36,991	56,443	\$ 38,033	55,948
<b>Spacotech</b>	\$ 322	1,250	\$ 385	1,672
	\$ 37,313	57,693	\$ 38,418	57,620

#### (11) State of Texas Funding

In March 2010, the Texas Emerging Technology Fund awarded 1<sup>st</sup> Detect \$1.8 million for the development and marketing of the Miniature Chemical Detector, a portable mass spectrometer designed to serve the security, healthcare and industrial markets. In exchange for the award, 1<sup>st</sup> Detect granted a common stock purchase right and a note payable to the State of Texas. As of December 31, 2011, 1<sup>st</sup> Detect has received both \$0.9 million disbursements totaling the full amount of the award. The proceeds from the award can only be used to fund development of the Miniature Chemical Detector at 1<sup>st</sup> Detect, not for repaying existing debt or for use in other Company subsidiaries.

The common stock purchase right is exercisable at the first Qualifying Financing Event, which is essentially a change in control or third party equity investment in 1<sup>st</sup> Detect. The number of shares available to the State of Texas, at the price of par value, is calculated as the total disbursements (numerator) divided by the stock price established in the Qualifying Financing Event (denominator). If the first Qualifying Financing Event does not occur within 18 months of the agreement's effective date, the number of shares available for purchase will equal the total disbursements (numerator) divided by \$100 (denominator). At management's request, the deadline for calculating the equity conversion factor was extended by the State of Texas for an additional six months to March 31, 2012.

The note equals the disbursements to 1<sup>st</sup> Detect to date, accrues interest at 8% per year and cancels automatically at the earlier of (1) selling substantially all of the assets of 1<sup>st</sup> Detect, (2) selling more than 50% of common stock of 1<sup>st</sup> Detect or (3) March 2020. No payments of interest or principal are due on the note unless there is a default, which would occur if 1<sup>st</sup> Detect moves its operations or headquarters outside of Texas at any time before March 2020.

Management considers the likelihood of voluntarily repaying the note or of a default event as remote due to the fact that the covenants that would necessitate repayment are within the control of the Company. As such, the two \$0.9 million installments were accounted for as a contribution to equity in the period ended December 31, 2011. As of December 31, 2011, no default events have occurred.

## **(12) Equity and Other Long Term Incentive Plans**

### ***Equity Grants***

In August 2009 and September 2009, the Compensation Committee of the Board of Directors granted directors, named executive officers and employees 1,995,559 and 410,000, respectively, of restricted shares. The shares were issued from the 2008 Stock Incentive Plan, vest 33.33% a year over a three-year period and expire upon employee termination.

In September 2011, the Compensation Committee of the Board of Directors granted directors, named executive officers and employees 579,000 stock options designed to increase shareholder value by compensating employees over the long term. The options were issued from the 2008 and 2011 Stock Incentive Plans, vest upon the Company's stock achieving a closing price of \$1.50 and expire 10 years from grant date.

In July 2011, the Compensation Committee of the Board of Directors granted a third party consultant 200,000 stock options intended to provide incentive which is aligned with management and the shareholders. The options were issued out of the 2011 Stock Incentive Plan, vest upon certain performance conditions and expire 7 years from grant date. Management considers the likelihood of the performance conditions being met as remote, and therefore no expense was recorded for the six months ended December 31, 2011.

As of December 31, 2011, 26,152 shares of common stock were reserved for future grants under the 2008 Stock Incentive Plan and 1,386,000 shares of common stock reserved for future grant under the 2011 Stock Incentive Plan. In the six months ended December 31, 2011 and 2010, we recognized compensation expense of \$0.4 million and \$0.4 million, respectively, for restricted stock and stock options outstanding.

### ***Related Party Transactions***

#### ***Director Compensation***

In August 2009, the Board of Directors granted 525,000 restricted shares valued at \$0.6 million to directors from the 2008 Stock Incentive Plan. The restricted shares vest 33.33% a year for three years and expire upon termination. Compensation expense of \$0.1 million was recorded in the six months ended December 31, 2011 for these awards.

In September 2011, the Board of Directors granted 150,000 stock options valued at \$0.1 million to directors from the 2011 Stock Incentive Plan. The stock options vest upon the Company's stock achieving a closing price of \$1.50 and expire 10 years from grant date. Compensation expense of \$0.1 million was recorded in the six months ended December 31, 2011.

#### ***Executive Compensation***

##### ***1<sup>st</sup> Detect***

In January 2010, an independent committee of the Board of Directors of 1<sup>st</sup> Detect approved a grant of 1,180 restricted stock shares and 1,820 stock purchase warrants to certain officers, directors and employees of 1st Detect pursuant to restricted stock agreements and stock purchase warrants between 1st Detect and each such individual. The awards will vest as follows, subject to earlier vesting upon the grantee's death or disability or in the event of a change of control of the Company: 50% on the first anniversary of the grant date and 50% on the second anniversary of the grant date. The restricted stock agreements and stock purchase warrants provide for forfeiture of unvested stock if the recipient is terminated or voluntarily ceases to perform services for 1<sup>st</sup> Detect, immediate vesting upon a change of control, and restrictions on and requirements as to transfer. The stock purchase warrants have an exercise price equal to the fair market value of 1<sup>st</sup> Detect's common stock on the date of grant as determined by an independent valuation firm.

The number of shares and warrants underlying each award to a named executive officer is as follows: Thomas B. Pickens III: 300 shares, 680 warrants; John Porter: 200 shares, 180 warrants. In the six months ended December 31, 2011 and 2010, we recognized compensation expense of \$0.1 million and \$0.1 million, respectively, for restricted stock and warrants outstanding.

In September 2011, the Board of Directors of 1<sup>st</sup> Detect approved a grant of 965 stock options to certain officers, directors and employees of 1<sup>st</sup> Detect. The awards vest upon certain performance conditions being met and expire 10 years from grant date. The stock options have an exercise price equal to the fair market value of 1<sup>st</sup> Detect's common stock on the date of grant as determined by an independent valuation firm.

The number of options underlying each award to a named executive officer is as follows: Thomas B. Pickens III: 200 stock options; John Porter: 150 stock options. In the six months ended December 31, 2011, the Company recognized compensation expense of \$0.1 million.

Assuming a business event occurred, without taking into account any dilution resulting from the State of Texas funding, which resulted in the vesting of all restricted stock, stock purchase warrants and stock options, then Thomas B. Pickens III would hold 10.9%, John Porter would hold 4.9% and the Company would hold 64.5% of the outstanding shares of 1<sup>st</sup> Detect.

The restricted stock issuances resulted in noncontrolling interest, as described in Note 3.

### *Astrogenetix*

In January 2010, an independent committee of the Board of Directors of Astrogenetix approved a grant of 1,550 restricted stock shares, of which 375 have been subsequently cancelled. There were 2,050 stock purchase warrants that were also granted to certain officers, directors and employees of Astrogenetix, of which 50 have been subsequently cancelled, pursuant to restricted stock agreements and stock purchase warrants between Astrogenetix and each such individual. The awards will vest as follows, subject to earlier vesting upon the grantee's death or disability or in the event of a change of control of the Company: 50% on the first anniversary of the grant date and 50% on the second anniversary of the grant date. The restricted stock agreements and stock purchase warrants provide for forfeiture of unvested stock if the recipient is terminated or voluntarily ceases to perform services for Astrogenetix, immediate vesting upon a change of control, and restrictions on and requirements as to transfer. The stock purchase warrants have an exercise price equal to the fair market value of Astrogenetix's common stock on the date of grant as determined by an independent valuation firm.

The number of shares and warrants underlying each award to a named executive officer is as follows: Thomas B. Pickens III: 500 shares, 1,000 warrants; John Porter: 400 shares, 800 warrants. In the three months ended December 31, 2011 and 2010, we recognized compensation expense of \$0.1 million and \$0.1 million, respectively, for restricted stock and warrants outstanding.

Assuming a business event occurred which resulted in the vesting of all restricted stock and stock purchase warrants, then Thomas B. Pickens III would hold 16.3%, John Porter would hold 13.1% and the Company would hold 65.4% of the outstanding shares of Astrogenetix.

The restricted stock issuances resulted in noncontrolling interest, as described in Note 3.

### *Stock Options*

In the three months ended September 30, 2011, 779,000 stock options were granted to employees, directors and consultants. At December 31, 2011 and 2010, there were \$0.3 million and \$0.1 million, respectively, of total unrecognized compensation costs related to non-vested stock options, which is expected to be recognized over a weighted average period of 8.1 years. In the three months ended December 31, 2011 and 2010, we recognized compensation expense of \$0.1 million and \$0.1 million, respectively, for stock options outstanding.

The Company's stock options activity for the three months ended December 31, 2011 was as follows:

	September 30, Shares (in thousands)	September 30, Weighted Average Exercise Price
Outstanding at September 30, 2011	1,153	\$ 0.89
Granted		
Exercised		
Cancelled or expired	(5)	20.80
Outstanding at December 31, 2011	1,148	\$ 0.79





In the six months ended December 31, 2011, we recognized compensation expense of \$0.1 million for stock options outstanding. In the six months ended December 31, 2010, no compensation expense was recognized for stock options outstanding.

The Company's stock options activity for the six months ended December 31, 2011 was as follows:

	September 30, Shares (in thousands)	September 30, Weighted Average Exercise Price
Outstanding at June 30, 2011	377	\$ 1.28
Granted	779	0.79
Exercised		
Cancelled or expired	(8)	22.64
Outstanding at December 31, 2011	1,148	\$ 0.79

**Restricted Stock**

At December 31, 2011 and 2010, there were \$0.5 million and \$1.3 million respectively, of unrecognized compensation costs related to restricted stock, which is expected to be recognized over a weighted average period of 0.7 years. In the three months ended December 31, 2011 and 2010, we recognized compensation expense of \$0.2 million and \$0.2 million, respectively, for restricted stock outstanding.

The Company's restricted stock activity for the three months ended December 31, 2011 was as follows:

	September 30, Shares (in thousands)	September 30, Weighted Average Grant-Date Fair Value
Non-vested at September 30, 2011	1,144	\$ 1.12
Granted		
Vested	(431)	1.15
Cancelled or expired	(7)	1.22
Non-vested at December 31, 2011	706	\$ 1.10

In the six months ended December 31, 2011 and 2010, we recognized compensation expense of \$0.4 million and \$0.5 million, respectively, for restricted stock outstanding.

The Company's restricted stock activity for the six months ended December 31, 2011 was as follows:

	September 30, Shares (in thousands)	September 30, Weighted Average Grant-Date Fair Value
Non-vested at June 30, 2011	1,365	\$ 1.14
Granted	25	0.75
Vested	(675)	1.15

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Cancelled or expired	(9)	1.22
Non-vested at December 31, 2011	706	\$ 1.10

**Stock Options and Warrants for 1<sup>st</sup> Detect**

At December 31, 2011 and 2010, there was \$0.1 million and \$0.1 million respectively, of unrecognized compensation costs related to warrants and options, which is expected to be recognized over a weighted average period of 5.1 years. In the three months ended December 31, 2011 and 2010, we recognized compensation expense of \$0.1 million and \$0.1 million, respectively, for stock options and warrants outstanding.

1<sup>st</sup> Detect stock options and warrants activity for the three months ended December 31, 2011 was as follows:

	September 30, Shares	September 30, Weighted Average Grant-Date Fair Value
Non-vested at September 30, 2011	2,785	\$ 212.00
Granted		
Exercised		
Cancelled or expired	(45)	212.00
Outstanding at December 31, 2011	2,740	\$ 212.00

In the six months ended December 31, 2011 and 2010, we recognized compensation expense of \$0.1 million and \$0.1 million, respectively, for stock options and warrants outstanding.

1<sup>st</sup> Detect stock options and warrants activity for the six months ended December 31, 2011 was as follows:

	September 30, Shares	September 30, Weighted Average Grant-Date Fair Value
Non-vested at June 30, 2011	1,820	\$ 212.00
Granted	965	212.00
Exercised		
Cancelled or expired	(45)	212.00
Outstanding at December 31, 2011	2,740	\$ 212.00

**Restricted Stock for 1<sup>st</sup> Detect**

At December 31, 2011 and 2010, there were \$0.1 million and \$0.1 million respectively, of unrecognized compensation costs related to restricted stock, which is expected to be recognized over a weighted average period of 0.1 years. In the three months ended December 31, 2011 and 2010, we recognized compensation expense of \$0.1 million and \$0.1 million, respectively, for restricted stock outstanding.

1<sup>st</sup> Detect restricted stock activity for the three months ended December 31, 2011 was as follows:

September 30, Shares	September 30, Weighted Average Grant-Date Fair Value
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Non-vested at September 30, 2011	590	\$	212.00
Granted			
Vested			
Cancelled or expired	(75)		212.00
Non-vested at December 31, 2011	515	\$	212.00

In the six months ended December 31, 2011 and 2010, we recognized compensation expense of \$0.1 million and \$0.1 million, respectively, for restricted stock outstanding.

1<sup>st</sup> Detect restricted stock activity for the six months ended December 31, 2011 was as follows:

	September 30, Shares	September 30, Weighted Average Grant-Date Fair Value
Non-vested at June 30, 2011	590	\$ 212.00
Granted		
Vested		
Cancelled or expired	(75)	212.00
Non-vested at December 31, 2011	515	\$ 212.00

***Warrants for Astrogenetix***

At December 31, 2011 and 2010, there was \$0.1 million and \$0.1 million respectively, of unrecognized compensation costs related to warrants, which is expected to be recognized over a weighted average period of 0.1 years. In the three months ended December 31, 2011 and 2010, we recognized compensation expense of \$0.1 million and \$0.1 million, respectively, for warrants outstanding.

Astrogenetix warrant activity for the three months ended December 31, 2011 was as follows:

	September 30, Shares	September 30, Weighted Average Grant-Date Fair Value
Non-vested at September 30, 2011	2,050	\$ 167.00
Granted		
Vested		
Cancelled or expired	(50)	167.00
Non-vested at December 31, 2011	2,000	\$ 167.00

In the six months ended December 31, 2011 and 2010, we recognized compensation expense of \$0.1 million and \$0.1 million, respectively, for warrants outstanding.

Astrogenetix warrant activity for the six months ended December 31, 2011 was as follows:

	September 30, Shares	September 30, Weighted Average Grant-Date Fair Value
Non-vested at June 30, 2011	2,050	\$ 167.00
Granted		

Granted

Vested		
Cancelled or expired	(50)	167.00
Non-vested at December 31, 2011	2,000	\$ 167.00

***Restricted Stock for Astrogenetix***

At December 31, 2011 and 2010, there was \$0.1 million and \$0.1 million respectively, of unrecognized compensation costs related to restricted stock, which is expected to be recognized over a weighted average period of 0.1 years. In the three months ended December 31, 2011 and 2010, we recognized compensation expense of \$0.1 million and \$0.1 million, respectively, for restricted stock outstanding.

Astrogenetix restricted stock activity for the three months ended December 31, 2011 was as follows:

	September 30, Shares	September 30, Weighted Average Grant-Date Fair Value
Non-vested at September 30, 2011	625	\$ 167.00
Granted		
Vested		
Cancelled or expired	(75)	167.00
Non-vested at December 31, 2011	550	\$ 167.00

In the six months ended December 31, 2011 and 2010, we recognized compensation expense of \$0.1 million and \$0.1 million, respectively, for restricted stock outstanding.

Astrogenetix restricted stock activity for the six months ended December 31, 2011 was as follows:

	September 30, Shares	September 30, Weighted Average Grant-Date Fair Value
Non-vested at June 30, 2011	625	\$ 167.00
Granted		
Vested		
Cancelled or expired	(75)	167.00
Non-vested at December 31, 2011	550	\$ 167.00

### (13) Income Taxes

The Company accounts for income taxes under the asset and liability method. Deferred tax assets and liabilities are recognized for the expected tax consequences of temporary differences between the tax bases of assets and liabilities and their reported amounts. Valuation allowances are established, when necessary, to reduce deferred tax assets to amounts that are more likely than not to be realized. As of December 31, 2011, the Company has established a full valuation allowance against all of its net deferred tax assets.

FASB ASC 740, *Income Taxes* (FASB ASC 740) addresses the accounting for uncertainty in income taxes recognized in an entity's financial statements and prescribes a recognition threshold and measurement attribute for financial statement disclosure of tax positions taken or expected to be taken on a tax return. As of December 31, 2011, the Company has a liability of \$60,000 (\$39,000 net of federal benefit) for unrecognized tax benefits.

For the three months ended December 31, 2011 and 2010, the Company's effective tax rate differed from the federal statutory rate of 35%, primarily due to recording changes to the valuation allowance placed against its net deferred tax assets.

The Company files consolidated returns for federal, California, Florida, and Texas income and franchise taxes.

The Company is currently under examination by the Internal Revenue Service for the fiscal years ended June 30, 2008 through 2010. Loss carryovers are generally subject to modification by tax authorities until 3 years after they have been utilized; as such, the Company is subject to examination for the fiscal years ended 2000 through present for federal purposes and fiscal years ended 2006 through present for state purposes.





**(14) Early Termination of Cost Plus Award Fee Contract**

The Company and ARES have resolved certain issues relative to the early termination of the subcontract in May 2008, including, but not limited to, a receivable from ARES under this agreement totaling \$1.4 million. The Company wrote off \$0.1 million of unbilled receivables in connection with this agreement in the period ended June 30, 2010. In July 2010, the Company received \$1.2 million from ARES. The remaining \$0.2 million balance is expected to be paid upon completion of the 2005 through 2008 governmental audits by the DCAA.

**(15) Purchase of Astrotech Securities**

Repurchases of Astrotech securities under the Company's securities repurchase program may be made from time-to-time, in the open market, through block trades or otherwise in accordance with applicable regulations of the Securities and Exchange Commission. Depending on market conditions and other factors, these purchases may be commenced or suspended at any time or from time-to-time without prior notice. Additionally, the timing of such transactions will depend on other corporate strategies and will be at the discretion of the management of the Company.

As of December 31, 2011, we had repurchased 311,660 shares of common stock at a cost of \$0.2 million, which represents an average cost of \$0.76 per share. Additionally, during fiscal year 2009 the Company repurchased \$1.1 million of Senior Convertible Notes payable. As a result, the Company is authorized to repurchase an additional \$5.7 million of securities.

**FORWARD-LOOKING STATEMENTS**

This Quarterly Report on Form 10-Q contains forward-looking statements within the meaning of Section 27A of the Securities Act of 1933 and Section 21E of the Securities Exchange Act of 1934. All statements other than statements of historical fact are forward-looking statements for purposes of federal and state securities laws. Forward-looking statements may include the words may, will, plans, believes, estimates, intends and other similar expressions. Such statements are subject to risks and uncertainties that could cause our actual results to differ materially from those projected in the statements. Such risks and uncertainties include, but are not limited to:

The effect of economic conditions in the United States or other space faring nations that could impact our ability to access space and support or gain customers;

Our ability to raise sufficient capital to meet our long and short-term liquidity requirements;

Our ability to successfully pursue our business plan and execute our strategy;

Whether we will fully realize the economic benefits under our customer contracts;

Technological difficulties and potential legal claims arising from any technological difficulties;

Product demand and market acceptance risks, including our ability to develop and sell products and services to be used by governmental or commercial customers;

Uncertainty in government funding and support for key space programs;

The impact of competition on our ability to win new contracts;

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Uncertainty in securing reliable and consistent access to space, including the International Space Station;

Delays in the timing of performance of our contracts;

Our ability to control costs;

Our ability to meet technological development milestones and overcome development challenges; and

Risks described in the Risk Factors section of our 2011 Annual Report on Form 10-K.

Although we believe that the assumptions underlying our forward-looking statements are reasonable, any of the assumptions could be inaccurate, and, therefore, we cannot assure you that the forward-looking statements included in this Quarterly Report on Form 10-Q will prove to be accurate. In light of the significant uncertainties inherent in

our forward-looking statements, the inclusion of such information should not be regarded as a representation by us or any other person that our objectives and plans will be achieved. Some of these and other risks and uncertainties that could cause actual results to differ materially from such forward-looking statements are more fully described in the Risk Factors included in Part II Item 1A of this Report and Part I, Item 1A of our 2011 Annual Report on 10-K and elsewhere in this Quarterly Report on Form 10-Q or in the documents incorporated by reference herein. Except as may be required by applicable law, we undertake no obligation to publicly update or advise of any change in any forward-looking statement, whether as a result of new information, future events or otherwise. In making these statements, we disclaim any obligation to address or update each factor in future filings with the Securities and Exchange Commission ( SEC ) or communications regarding our business or results, and we do not undertake to address how any of these factors may have caused changes to discussions or information contained in previous filings or communications. In addition, any of the matters discussed above may have affected our past results and may affect future results, so that our actual results may differ materially from those expressed in this Quarterly Report on Form 10-Q and in prior or subsequent communications.

## **ITEM 2. MANAGEMENT'S DISCUSSION AND ANALYSIS OF FINANCIAL CONDITION AND RESULTS OF OPERATIONS**

The following information should be read in conjunction with the unaudited condensed consolidated financial statements and the accompanying notes included in Part I, Item 1 of this Report, and the Risk Factors included in Part II Item 1A of this Report and Part I, Item 1A of our 2011 Annual Report on Form 10-K.

### **Overview**

Astrotech Corporation was formed in 1984 to leverage the environment of space for commercial purposes. For nearly 30 years, the Company and its subsidiaries has remained a crucial player in space commerce activities. We have supported the launch of 23 shuttle missions and more than 290 spacecraft, building space hardware and processing facilities, and preparing and processing scientific research for microgravity.

We offer products and services in the following areas:

Facilities and support services necessary for the preparation of satellites and payloads for launch.

Design and fabrication of equipment and hardware for space launch activities.

Propellant services support for spacecraft.

Commercialization of space-based technologies into real-world applications.

### **Our Business Units**

#### ***Astrotech Space Operations (ASO)***

ASO provides support for its government and commercial customers to successfully process complex communication, earth observation and deep space satellites in preparation for their launch on a variety of launch vehicles. Processing activities include satellite ground transportation; pre-launch hardware integration and testing; satellite encapsulation, fueling, launch pad delivery; and communication linked launch control. Our ASO facilities can accommodate five meter class satellites encompassing the majority of U.S. based satellite preparation services. ASO's service capabilities also include designing, building spacecraft processing equipment and facilities. Additionally, ASO provides propellant services including designing, building and testing propellant service equipment for servicing spacecraft. ASO accounted for 99% of our consolidated revenues for the six months ended December 31, 2011. Revenue for our ASO business unit is generated primarily from various fixed-priced contracts with launch service providers in both the commercial and government markets. The services and facilities we provide to our customers support the final assembly, checkout, and countdown functions associated with preparing a spacecraft for launch. The revenue and cash flows generated from our ASO operations are related to the number of spacecraft launches and the costs incurred to build space launch hardware, which reflects the growth in the satellite-based communications industries and the requirement to replace aging satellites. Other factors that have impacted, and are expected to continue to impact earnings and cash flows for this business include:



Our ability to control our capital expenditures, which primarily are limited to modifications to accommodate payload processing for new launch vehicles and upgrading communications infrastructure.

The continuing limited availability of competing facilities at the major domestic launch sites that can offer comparable services, leading to an increase in government and commercial use of our services.

Our ability to complete customer specified facility modifications within budgeted costs and time commitments.

Our ability to control and reduce costs in order to maximize profitability of our fixed-priced contracts.

### ***Spacetech***

Our other business unit is an incubator intended to commercialize space-industry technologies into commercial applications to be sold to consumers and industry. The 1<sup>st</sup> Detect Miniature Chemical Detector and the Astrogenetix microgravity processing platform are initiatives developed under our Spacetech business unit. The 1<sup>st</sup> Detect Miniature Chemical Detector, which is in development, is a low power, portable chemical detection device. 1<sup>st</sup> Detect has been awarded a Developmental Testing and Evaluation designation from the U.S. Department of Homeland Security as a promising anti-terrorism technology, and is the recipient of a Phase I and Phase II award from the U.S. Army's Chemical and Biological Defense (CBD) Small Business Innovation Research (SBIR) Program. Following the successful execution of the Phase I SBIR, 1<sup>st</sup> Detect was awarded a \$0.8 million Phase II SBIR contract from the Joint Science and Technology Office for Chemical and Biological Defense. Additionally, 1<sup>st</sup> Detect received a \$1.8 million award from the Texas Emerging Technology Fund in March 2010. Astrogenetix is a biotechnology company formed to commercialize products processed in the unique environment of microgravity. Astrogenetix has pursued an aggressive space access strategy to take advantage of the Space Shuttle program prior to its retirement, which occurred in 2011. This strategy gave Astrogenetix unprecedented access to research in microgravity, as the company flew twelve experiments over a three year period. Astrogenetix is currently researching a Salmonella vaccine as part of the ongoing commercialization strategy. Concurrently, Astrogenetix is working on the continued development of a vaccine target for methicilin-resistant Staphylococcus aureus (MRSA) based on discoveries made in microgravity.

### **Critical Accounting Policies**

The discussion and analysis of our financial condition and results of operations are based upon our unaudited condensed consolidated financial statements, which have been prepared in accordance with United States generally accepted accounting principles for interim financial statements. The preparation of these financial statements requires us to make estimates and judgments that affect the reported amounts of assets, liabilities, revenues and expenses, and related disclosure of contingent assets and liabilities. We base our estimates on historical experience and on various other assumptions that are believed to be reasonable under the circumstances, the results of which form the basis for making judgments about the carrying values of assets and liabilities that are not readily apparent from other sources. Estimates and assumptions are reviewed periodically. Actual results may differ from these estimates under different assumptions or conditions.

Management believes there have been no significant changes during the six months ended December 31, 2011 to the items that we disclosed as our critical accounting policies and estimates in Management's Discussion and Analysis of Financial Condition and Results of Operations in our 2011 10-K.

**Results of Operation****Three months ended December 31, 2011 compared to three months ended December 31, 2010:**

Selected consolidated financial data for the three months ended December 31, 2011 and 2010 is as follows (dollars in thousands):

	September 30, Three Months Ended December 31,	
	2011	2010
Revenue	\$ 3,676	\$ 4,641
Cost of revenue	3,108	3,438
<b>Gross profit</b>	<b>568</b>	<b>1,203</b>
Gross margin	15%	26%
Selling, general and administrative	1,708	2,119
Research and development	746	883
<b>Operating expenses</b>	<b>\$ 2,454</b>	<b>\$ 3,002</b>
Interest and other expense, net	(59)	(35)
Income tax expense	(7)	(5)
<b>Consolidated net loss</b>	<b>\$ (1,952)</b>	<b>\$ (1,839)</b>
Less: Net loss attributable to noncontrolling interest	(166)	(277)
<b>Net loss attributable to Astrotech Corporation</b>	<b>\$ (1,786)</b>	<b>\$ (1,562)</b>

**Revenue.** Total revenue decreased to \$3.7 million for the three months ended December 31, 2011 from \$4.6 million for the three months ended December 31, 2010. This decrease is primarily attributable to a decreased launch schedule.

**Gross Profit.** Gross profit decreased to \$0.6 million for the three months ended December 31, 2011 from \$1.2 million for the three months ended December 31, 2010. Revenue and cost of revenue both decreased for the three months ended December 31, 2011. Our gross profit declined due to the decline in revenue, as our cost of revenue is generally fixed in the near-term.

**Selling, General and Administrative Expense.** Selling, general and administrative expense decreased to \$1.7 million for the three months ended December 31, 2011 from \$2.1 million for the three months ended December 31, 2010. The decrease was primarily attributable to a reduction in legal fees and employee incentive compensation.

**Research and Development Expense.** Research and development expense decreased to \$0.7 million for the three months ended December 31, 2011 from \$0.9 million for the three months ended December 31, 2010. The Company shifted investment in Astrogenetix to 1<sup>st</sup> Detect due to the retirement of the space shuttle program in the United States, and due to the need of capital to fund research and development in the 1<sup>st</sup> Detect Miniature Chemical Detector. The increased expenses incurred at 1<sup>st</sup> Detect were primarily for headcount, employee compensation and materials.

**Six months ended December 31, 2011 compared to six months ended December 31, 2010:**

Selected consolidated financial data for the six months ended December 31, 2011 and 2010 is as follows (dollars in thousands):

	September 30, Six Months Ended December 31,
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	2011	2010
Revenue	\$ 8,516	\$ 9,947
Cost of revenue	6,034	6,924
<b>Gross profit</b>	<b>2,482</b>	<b>3,023</b>
Gross margin	29%	30%
Selling, general and administrative	3,637	4,426
Research and development	1,504	1,706
<b>Operating expenses</b>	<b>\$ 5,141</b>	<b>\$ 6,132</b>
Interest and other expense, net	(133)	(138)
Income tax expense	(12)	(11)
<b>Consolidated net loss</b>	<b>\$ (2,804)</b>	<b>\$ (3,258)</b>
Less: Net loss attributable to noncontrolling interest	(352)	(534)
<b>Net loss attributable to Astrotech Corporation</b>	<b>\$ (2,452)</b>	<b>\$ (2,724)</b>



**Revenue.** Total revenue decreased to \$8.5 million for the six months ended December 31, 2011 from \$9.9 million for the six months ended December 31, 2010. This decrease is primarily attributable to a decreased launch schedule.

**Gross Profit.** Gross profit decreased to \$2.5 million for the six months ended December 31, 2011 from \$3.0 million for the six months ended December 31, 2010. Revenue and cost of revenue both decreased for the six months ended December 31, 2011. Our gross profit declined due to the decline in revenue, as our cost of revenue is generally fixed in the near-term; however during the six months ended December 31, 2010 cost of revenue was also higher due to an increase in variable mission related expenses.

**Selling, General and Administrative Expense.** Selling, general and administrative expense decreased to \$3.6 million for the six months ended December 31, 2011 from \$4.4 million for the six months ended December 31, 2010. The decrease was primarily attributable to a reduction in outside legal and consulting fees, severance and employee incentive compensation.

**Research and Development Expense.** Research and development expense decreased to \$1.5 million for the six months ended December 31, 2011 from \$1.7 million for the six months ended December 31, 2010. The Company shifted investment in Astrogenetix to 1<sup>st</sup> Detect due to the retirement of the space shuttle program in the United States, and due to the need of capital to fund research and development in the 1<sup>st</sup> Detect Miniature Chemical Detector. The increased expenses incurred at 1<sup>st</sup> Detect were primarily for headcount, employee compensation and materials.

### Liquidity and Capital Resources

The following is a summary of the change in our cash and cash equivalents (in thousands):

	September 30, Six Months Ended December 31,	
	2011	2010
Net cash provided by (used in) operating activities	\$ (1,012)	\$ 920
Net cash used in investing activities	(253)	(413)
Net cash provided by (used in) financing activities	723	(1,382)
<b>Net change in cash and cash equivalents</b>	<b>\$ (542)</b>	<b>\$ (875)</b>

### Cash and Cash Equivalents

At December 31, 2011, we had cash and cash equivalents of \$14.5 million and our working capital was approximately \$5.9 million. Cash and cash equivalents decreased approximately \$0.5 million during the six months ended December 31, 2011. At December 31, 2010, we had cash and cash equivalents of \$7.2 million and our working capital was approximately \$6.8 million.

### Operating Activities

Net cash used in operations was \$1.0 million for the six months ended December 31, 2011 compared to cash provided by operations of \$0.9 million for the six months ended December 31, 2010. This decrease was primarily attributable to a use of cash for ongoing operations. Management does not anticipate additional asset impairments in the future periods.

### Investing Activities

Net cash used in investing activities was \$0.3 million for the six months ended December 31, 2011 compared to \$0.4 million for the six months ended December 31, 2010. Our investing activities are driven primarily by capital expenditures for our payload processing facilities.

### **Financing Activities**

Cash provided by financing activities was \$0.7 million for the six months ended December 31, 2011 compared to cash used in financing activities of \$1.4 million for the six months ended December 31, 2010. The increase is a result of receiving the second installment of \$0.9 million from the Texas Emerging Technology Fund, which was used to fund the continued development of the 1<sup>st</sup> Detect Miniature Chemical Detector.

### **Debt**

In October 2010, we entered into a financing facility with a commercial bank providing a \$7.0 million term loan note and a \$3.0 million revolving credit facility. The \$7.0 million term loan terminates in October 2015, and the \$3.0 million revolving credit facility expires October 2012. The term loan requires monthly payments of principal plus interest at the rate of prime plus 0.25%, but not less than 4.0%. The revolving credit facility allows multiple advances not to exceed \$3.0 million, based on eligible accounts receivable, and incurs interest at the rate of prime plus 0.25%, but not less than 4.0%. The bank financing facilities are secured by the assets of ASO, including accounts receivable, and require us to comply with designated covenants. The balance of the \$7.0 million term loan at December 31, 2011 was \$6.6 million and there was no outstanding balance on the revolving credit facility at December 31, 2011.

The Company was in compliance with all covenants as of December 31, 2011.

### **Income Taxes**

The Company accounts for income taxes under the asset and liability method. Deferred tax assets and liabilities are recognized for the expected tax consequences of temporary differences between the tax bases of assets and liabilities and their reported amounts. Valuation allowances are established, when necessary, to reduce deferred tax assets to amounts that are more likely than not to be realized. As of December 31, 2011, the Company has established a full valuation allowance against all of its net deferred tax assets.

FASB ASC 740, *Income Taxes* (FASB ASC 740) addresses the accounting for uncertainty in income taxes recognized in an entity's financial statements and prescribes a recognition threshold and measurement attribute for financial statement disclosure of tax positions taken or expected to be taken on a tax return. As of December 31, 2011, the Company has a liability of \$60,000 (\$39,000 net of federal benefit) for unrecognized tax benefits.

For the three months ended December 31, 2011 and 2010, the Company's effective tax rate differed from the federal statutory rate of 35%, primarily due to recording changes to the valuation allowance placed against its net deferred tax assets.

The Company files consolidated returns for federal, California, Florida, and Texas income and franchise taxes.

The Company is currently under examination by the Internal Revenue Service for the fiscal years ended June 30, 2008 through 2010. Loss carryovers are generally subject to modification by tax authorities until 3 years after they have been utilized; as such, the Company is subject to examination for the fiscal years ended 2000 through present for federal purposes and fiscal years ended 2006 through present for state purposes.

### **Off-Balance Sheet Arrangements**

We do not have any significant off-balance sheet arrangements that have, or are reasonably likely to have, a current or future material effect on our financial condition, revenues or expenses, results of operations, liquidity, capital expenditures or capital resources.

### **ITEM 3. QUANTITATIVE AND QUALITATIVE DISCLOSURES ABOUT MARKET RISK**

We have no material changes to the disclosure made on this matter in our 2011 Annual Report on Form 10-K.

### **ITEM 4. CONTROLS AND PROCEDURES**

#### **(a) Evaluation of Disclosure Controls and Procedures**

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We maintain disclosure controls and procedures, as defined in Rule 13a-15(e) promulgated under the Securities Exchange Act of 1934 (Exchange Act), which are designed to ensure that information required to be disclosed by us

in the reports that we file or submit under the Exchange Act is recorded, processed, summarized and reported within the time periods specified in the Securities and Exchange Commission's rules and forms and that such information is accumulated and communicated to our management, including our Chief Executive Officer and Chief Financial Officer, as appropriate, to allow timely decisions regarding required disclosure. We carried out an evaluation, under the supervision and with the participation of our management, including our Chief Executive Officer and Chief Financial Officer, of the effectiveness of the design and operation of our disclosure controls and procedures, as of the end of the period covered by this Quarterly Report. Based on the evaluation and criteria of these disclosure controls and procedures, the Chief Executive Officer and Chief Financial Officer concluded that our disclosure controls and procedures were effective.

**(b) Changes in Internal Control over Financial Reporting**

There were no changes in our internal control over financial reporting identified in connection with the evaluation required by Exchange Act Rule 13a-15(d) during the quarter ended December 31, 2011 that have materially affected, or are reasonably likely to materially affect, our internal control over financial reporting.

**PART II: OTHER INFORMATION**

**ITEM 1. LEGAL PROCEEDINGS**

Currently, the Company is not a party to any material pending legal proceedings, which in management's opinion, would have a material adverse effect on our business, financial condition, or results of operation.

**ITEM 1A. RISK FACTORS**

There have been no material changes in the risk factors described in our 2011 Annual Report on Form 10-K.

**ITEM 2. UNREGISTERED SALES OF EQUITY SECURITIES AND USE OF PROCEEDS**

During the quarter ended December 31, 2011, we did not issue any unregistered securities or repurchase any of our securities.

**ITEM 3. DEFAULTS UPON SENIOR SECURITIES**

Not applicable.

**ITEM 4. MINE SAFETY DISCLOSURES**

Not applicable.

**ITEM 5. OTHER INFORMATION**

Not applicable.

**ITEM 6. EXHIBITS**

The following exhibits are filed herewith:

<b>Exhibit No.</b>	<b>Description</b>
31.1	Certification of Chief Executive Officer pursuant to Rule 13a-14(a) of the Securities Exchange Act of 1934.
31.2	Certification of Chief Financial Officer pursuant to Rule 13a-14(a) of the Securities Exchange Act of 1934.
32	Certification pursuant to Rule 13a-14(b) of the Securities and Exchange Act of 1934.
101	The following financial information from the Company's Quarterly Report on Form 10-Q, for the period ended December 31, 2011, formatted in eXtensible Business Reporting Language: (i) Unaudited Condensed Consolidated Balance Sheets, (ii) Unaudited Condensed Consolidated Statements of Operations, (iii) Unaudited Condensed Consolidated Statements of Cash Flows, (v) Notes to Unaudited Condensed Consolidated Financial Statements. (1)

- (1) Pursuant to Rule 406T of Regulation S-T, the Interactive Data Files hereto are deemed not filed or part of a registration statement or prospectus for purposes of Sections 11 or 12 of the Securities Act of 1933, as amended, are deemed not filed for purposes of Section 18 of the Securities and Exchange Act of 1934, as amended, and otherwise are not subject to liability under those sections.

Pursuant to the requirements of the Securities Exchange Act of 1934, the registrant has duly caused this report to be signed on its behalf by the undersigned thereunto duly authorized.

Astrotech Corporation

Date: February 3, 2012

/s/ Thomas B. Pickens III  
Thomas B. Pickens III  
Chief Executive Officer

/s/ John M. Porter  
John M. Porter  
Senior Vice President and Chief Financial Officer