

CALMARE THERAPEUTICS Inc  
Form 10-Q  
November 21, 2014

**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 September 30, 2014

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 001-08696

**CALMARE THERAPEUTICS INCORPORATED**

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(Exact name of registrant as specified in its charter)

[www.calmaretherapeutics.com](http://www.calmaretherapeutics.com)

Delaware 36-2664428  
(State or other jurisdiction of incorporation or (I. R. S. Employer Identification No.)  
organization)

1375 Kings Highway East, Suite 400 Fairfield, 06824  
Connecticut  
(Address of principal executive offices) (Zip Code)

(203) 368-6044

(Registrant's telephone number, including area code)

**COMPETITIVE TECHNOLOGIES, INC.**

(Former name, former address and former fiscal year, if changed since last report)

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 ..

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 during the preceding 12 months.

Yes x 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 "accelerated filer, large accelerated filer and smaller reporting company" as defined in Rule 12b-2 of the Exchange Act.

Large accelerated filer .. Accelerated filer ..  
Non-accelerated filer .. (Do not check if a smaller reporting company) Smaller reporting company x

Indicate by check mark whether the registrant is a shell company (as defined in rule 12b-2 of the Exchange Act).

Yes  No

The number of shares of the registrant's common stock outstanding as of November 21, 2014 was 25,801,772 shares.

**CALMARE THERAPEUTICS INCORPORATED**

(formerly, Competitive Technologies, Inc.)

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**PART I. FINANCIAL INFORMATION****Item 1. Condensed Consolidated Interim Financial Statements****CALMARE THERAPEUTICS INCORPORATED AND SUBSIDIARY**

(formerly, Competitive Technologies, Inc.)

## Condensed Consolidated Balance Sheets

	September 30, 2014 (Unaudited)	December 31, 2013
Assets		
Current Assets:		
Cash	\$500	\$57,009
Receivables, net of allowance of \$180,654 at September 30, 2014 and \$101,154 at December 31, 2013	235,713	143,330
Inventory	4,128,220	4,278,220
Prepaid expenses and other current assets	116,055	65,167
Total current assets	4,480,488	4,543,726
Property and equipment, net	43,318	7,606
Security deposits	15,000	15,000
<b>TOTAL ASSETS</b>	<b>\$4,538,806</b>	<b>\$4,566,332</b>
Liabilities and Shareholders' Deficit		
Current Liabilities:		
Accounts payable	\$1,136,961	\$692,251
Liabilities under claims purchase agreement	2,013,320	2,093,303
Accounts payable, GEOMC	4,182,380	4,183,535
Accrued expenses and other liabilities	1,557,264	582,987
Notes payable	2,311,490	2,488,691
Deferred revenue	19,687	6,400
Warrant liability	-	8,227
Series C convertible preferred stock derivative liability	159,759	80,408
Series C convertible preferred stock liability	375,000	375,000
Total current liabilities	11,755,861	10,510,802
Note payable – long-term	41,894	-

Commitments and Contingencies

Shareholders' deficit:

5% preferred stock, \$25 par value, 35,920 shares authorized, 2,427 shares issued and outstanding	60,675	60,675
Series B preferred stock, \$0.001 par value, 20,000 shares authorized, no shares issued and outstanding	-	-
Series C convertible preferred stock, \$1,000 par value, 750 shares authorized, 375 shares issued and outstanding	-	-
Common stock, \$.01 par value, 40,000,000 shares authorized, 25,801,772 shares issued and outstanding at September 30, 2014 and 19,952,907 shares issued and outstanding at December 31, 2013	258,017	199,529
Capital in excess of par value	47,450,694	46,077,394
Accumulated deficit	(55,028,335)	(52,282,068 )
Total shareholders' deficit	(7,258,949 )	(5,944,470 )
<b>TOTAL LIABILITIES AND SHAREHOLDERS' DEFICIT</b>	<b>\$4,538,806</b>	<b>\$4,566,332</b>

*See accompanying notes*

**PART I. FINANCIAL INFORMATION (Continued)****CALMARE THERAPEUTICS INCORPORATED AND SUBSIDIARY**

(formerly, Competitive Technologies, Inc.)

## Condensed Consolidated Statements of Operations

(Unaudited)

	Three months ended September 30, 2014	Three months ended September 30, 2013
Revenue		
Product sales	\$ 400,000	\$ 290,042
Cost of product sales	247,184	119,939
Gross profit from product sales	152,816	170,103
Other Revenue		
Retained royalties	19,781	22,332
Other income	14,204	14,499
Total other revenue	33,985	36,831
Expenses		
Selling expenses	38,470	22,569
Personnel and consulting expenses	296,944	219,379
General and administrative expenses	432,528	450,272
Interest expense	574,840	67,058
Loss on conversion of notes	5,500	
Unrealized loss on derivative instruments	67,631	49,865



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Total Expenses	1,415,913	809,143
Loss before income taxes	(1,229,112 )	(602,209 )
Provision (benefit) for income taxes	-	-
Net loss	\$ (1,229,112 )	\$ (602,209 )
Basic and diluted loss per share	\$ (0.05 )	\$ (0.04 )
Basic and diluted weighted average number of common shares outstanding:	24,974,613	16,867,971

*See accompanying notes*

**PART I. FINANCIAL INFORMATION (Continued)****CALMARE THERAPEUTICS INCORPORATED AND SUBSIDIARY**

(formerly, Competitive Technologies, Inc.)

## Condensed Consolidated Statements of Operations

(Unaudited)

	Nine months ended September 30, 2014	Nine months ended September 30, 2013
Revenue		
Product sales	\$ 937,080	\$ 426,142
Cost of product sales	415,550	185,132
Gross profit from product sales	521,530	241,010
Other Revenue		
Retained royalties	24,733	40,092
Other income	31,677	72,821
Total other revenue	56,410	112,913
Expenses		
Selling expenses	176,496	126,502
Personnel and consulting expenses	1,116,088	839,118
General and administrative expenses	943,554	1,264,448
Interest expense	792,520	143,796
Interest expense – accelerated upon conversion of OID notes	35,109	-
Loss on conversion of notes	48,788	-
Loss on settlement of note and warrant	132,301	-
Unrealized loss on derivative	79,351	41,137

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instruments				
Total Expenses		3,324,207		2,415,001
Loss before income taxes		(2,746,267	)	(2,061,078
Provision (benefit) for income taxes		-		-
Net loss	\$	(2,746,267	)	\$ (2,061,078
Basic and diluted loss per share	\$	(0.12	)	\$ (0.13
Basic and diluted weighted average number of common shares outstanding:		22,715,940		16,205,578

*See accompanying notes*

**PART I. FINANCIAL INFORMATION (Continued)****CALMARE THERAPEUTICS INCORPORATED AND SUBSIDIARY**

(formerly, Competitive Technologies, Inc.)

## Condensed Consolidated Statement of Changes in Shareholders' Deficit

For the Nine Months Ended September 30, 2014

(Unaudited)

	Preferred Stock Shares outstanding	Amount	Common Stock Shares outstanding	Amount	Capital in excess of par value	Accumulated deficit	Total shareholders' deficit
Balance January 1, 2014	2,427	\$60,675	19,952,907	\$199,529	\$46,077,394	\$(52,282,068)	\$(5,944,470)
Net loss	-	-	-	-	-	(2,746,267)	(2,746,267)
Common stock issued to directors	-	-	10,625	106	3,932	-	4,038
Stock option compensation expense	-	-	-	-	49,185	-	49,185
Common stock issued upon conversion of notes	-	-	1,378,240	13,782	312,801	-	326,583
Private offering of common stock and warrants	-	-	4,460,000	44,600	847,400	-	892,000
Warrant and beneficial conversion feature on notes payable	-	-	-	-	53,338	-	53,338
Liabilities settled under Liability Purchase Agreement	-	-	-	-	106,644	-	106,644
Balance September 30, 2014	2,427	\$60,675	25,801,772	\$258,017	\$47,450,694	\$(55,028,335)	\$(7,258,949)

*See accompanying notes*

**PART I. FINANCIAL INFORMATION (Continued)****CALMARE THERAPEUTICS INCORPORATED AND SUBSIDIARY**

(formerly, Competitive Technologies, Inc.)

## Condensed Consolidated Statements of Cash Flows

(Unaudited)

	Nine months ended September 30, 2014	Nine months ended September 30, 2013
Cash flows from operating activities:		
Net loss	\$ (2,746,267	) \$ (2,061,078
Adjustments to reconcile net loss to net cash used in operating activities:		)
Depreciation and amortization	11,976	8,410
Stock option compensation expense	49,185	100,615
Share-based compensation – common stock	4,038	7,655
Bad debt expense	79,500	5,000
Debt discount amortization	185,525	102,710
Noncash finance charges	18,434	13,775
Unrealized loss on derivative instruments	79,351	41,137
Loss on conversion of notes	48,788	-
Loss on settlement of note and warrant	132,301	-
Changes in assets and liabilities:		
Receivables	(171,883	) 149,707
Prepaid expenses and other current assets	(50,888	) 118,588
Inventory	150,000	60,000
Accounts payable, accrued expenses and other liabilities	1,417,832	182,745
Deferred revenue	13,287	(1,600
Net cash used in operating activities	(778,821	) (1,272,336
		)
Cash flows from investing activities:		
Purchase of property and equipment	(47,688	) -
Cash used in investing activities	(47,688	) -
Cash flows from financing activities:		
Proceeds from note payable	120,000	1,288,000
Repayment of note and warrant settlement	(242,000	) -
Proceeds from common stock and warrants	892,000	-
Net cash provided by financing activities	770,000	1,288,000
Net increase (decrease) in cash	(56,509	) 15,664

Cash at beginning of period	57,009	74,322
Cash at end of period	\$ 500	\$ 89,986

**Supplemental disclosure of non-cash transactions:**

During the nine months ended September 2014, the Company issued 1,378,240 shares of common stock upon conversion of notes (see Note 11).

During September 2013, the Company issued 1,000,000 of its common stock \$0.18 per share for legal services to its former legal team Cutler Law Group.

During July 2013, the Company issued 200,000 shares of its common stock for legal services at \$0.20 per share.

In September 2013, the Company issued 1,618,235 shares of the Company's common stock to ASC Recap. During September and October 2013, ASC Recap sold the Company's common stock and during the three months ended March 31, 2014, paid creditors approximately \$80,000 from the proceeds and retained a service fee of approximately \$27,000 (see Note 10).

During the nine months ended September 30, 2013, the Company transferred a rental asset with a Net Book Value (NBV) of approximately \$8,000 to inventory.

During the nine months ended September 30, 2013, the Company issued 1,000,000 shares of its common stock into escrow, pending the completion of potential financing with a European investment group.

During July 2013, the Company allocated \$45,100 of the proceeds from the Tonaquint, Inc. note payable to a warrant and conversion feature derivative liability.

During March 2013, the Company issued 100,000 shares of its common stock at \$0.43 per share for legal services.

*See accompanying notes*



**PART I. FINANCIAL INFORMATION (Continued)**

**CALMARE THERAPEUTICS INCORPORATED AND SUBSIDIARY**

(formerly, Competitive Technologies, Inc.)

Notes to Condensed Consolidated Interim Financial Statements

(Unaudited)

**1. BASIS OF PRESENTATION**

The interim condensed consolidated financial information presented in the accompanying condensed consolidated financial statements and notes hereto is unaudited.

Effective August 20, 2014, Competitive Technologies, Inc. changed its name to Calmare Therapeutics Incorporated.

Calmare Therapeutics Incorporated (“CTI”) and its majority-owned (56.1%) subsidiary, Vector Vision, Inc. (“VVI”), (collectively, the “Company”, “we” or “us”) is a biotechnology company developing and commercializing innovative products and technologies. CTI is the licensed distributor of the non-invasive Calmare<sup>®</sup> pain therapy device (the “Calmare Device”), which was developed to treat neuropathic and cancer-derived pain.

These consolidated financial statements include the accounts of CTI and VVI. Inter-company accounts and transactions have been eliminated in consolidation.

We believe we have made all adjustments necessary, consisting only of normal recurring adjustments, to present the unaudited condensed consolidated financial statements in conformity with accounting principles generally accepted in the U.S. The results for the three and nine months ended September 30, 2014 are not necessarily indicative of the results that can be expected for the full year ending December 31, 2014.

The interim unaudited condensed consolidated financial statements and notes thereto, should be read in conjunction with our Annual Report on Form 10-K for the year ended December 31, 2013 filed with the U.S. Securities and



Exchange Commission ("SEC") on April 16, 2014.

During the three and nine months ended September 30, 2014, we had a significant concentration of revenues from the Calmare<sup>®</sup> Device. The percentages of gross revenue attributed to sales and rentals of Calmare Devices, in the three and nine months ended September 30, 2014, were 93% and 97%, respectively; and 92% and 84%, respectively, in the three and nine months ended September 30, 2013. Additionally, the percentage of gross revenue attributed to other Calmare Device related sales of equipment and training, in both the three and nine months ended September 30, 2014, was 1%; and 2%, in both the three and nine months ended September 30, 2013. We continue to attempt to expand our sales activities for the Calmare Device and expect the majority of our revenues to come from this technology.

The Company has incurred operating losses since fiscal 2006 and has a working capital deficiency at September 30, 2014. The Company has taken steps to reduce its operating expenses as well as increase revenue from sales of Calmare Devices and related sales. However, even at the reduced spending levels, should the anticipated increase in revenue from sales of Calmare Devices and related sales not occur the Company may not have sufficient cash flow to fund operations through 2014 and into 2015. These conditions raise substantial doubt about the Company's ability to continue as a going concern. The financial statements do not include adjustments to reflect the possible future effect of the recoverability and classification of assets or amounts and classifications of liabilities that may result from the outcome of this uncertainty.

The Company's continuation as a going concern is dependent upon its developing recurring revenue streams sufficient to cover operating costs. The Company does not have any significant individual cash or capital requirements in the budget going forward. If necessary, CTI will attempt to meet anticipated operating cash requirements by further reducing costs, issuing debt and/or equity, and/or pursuing sales of certain assets and technologies while we pursue licensing and distribution opportunities for our remaining legacy portfolio of technologies. There can be no assurance that the Company will be successful in such efforts. Failure to develop a recurring revenue stream sufficient to cover operating expenses could negatively affect the Company's financial position.

**PART I. FINANCIAL INFORMATION (Continued)****CALMARE THERAPEUTICS INCORPORATED AND SUBSIDIARY**

(formerly, Competitive Technologies, Inc.)

Our liquidity requirements arise principally from our working capital needs, including funds needed to sell our current technologies and obtain new technologies or products, and protect and enforce our intellectual property rights, if necessary. We fund our liquidity requirements with a combination of cash on hand, debt and equity financing, sales of common stock and cash flows from operations, if any, including royalty legal awards. At September 30, 2014, the Company had outstanding debt in the form of promissory notes with a total principal amount of \$2,887,000 and a carrying value of \$2,839,000.

The Company acquired the exclusive, worldwide rights to the *Scrambler Therapy*® technology in 2007. The Company's original 2007 agreement with Giuseppe Marineo (the "Scrambler Therapy Agreement"), an inventor of *Scrambler Therapy* technology ("ST"), and Delta Research and Development ("Delta"), authorized CTI to manufacture and sell worldwide the device developed from the patented ("ST"). The original agreement was amended in 2011 to provide the Company with exclusive rights to the ST through March 31, 2016. In July 2012, the Company attempted to negotiate a five-year extension to the agreement with Marineo and Delta (the "2012 Amendment"). However, the Company believes that the 2012 Amendment is neither valid nor enforceable as it was never duly signed or authorized and subsequently deemed null and void (see Footnote 13. CONTRACTUAL OBLIGATIONS AND CONTINGENCIES, *CTI's Distribution Rights, Marineo and Delta*). ST is patented in Italy and in the U.S. Applications for patents have been filed internationally as well and are pending approval. The Calmare Device has CE Mark certification from the European Union as well as U.S. FDA 510(k) clearance. CTI's partner, GEOMC Co., Ltd. ("GEOMC") of Korea, is manufacturing the product commercially under a ten (10) year agreement through 2017. Sales of these devices are expected to provide a significant proportion of the Company's revenue through the term of the agreement.

**2. NET LOSS PER COMMON SHARE**

The following sets forth the denominator used in the calculations of basic net loss per share and net loss per share assuming dilution:

Three months ended	Nine months ended	Three months ended	Nine months ended
September 30, 2014	September 30, 2014	September 30, 2013	September 30, 2013
24,974,613	22,715,940	16,867,971	16,205,578

Denominator for basic net loss per share, weighted average shares outstanding

Dilutive effect of common stock options	N/A	N/A	N/A	N/A
Dilutive effect of Series C convertible preferred stock, convertible debt and warrants	N/A	N/A	N/A	N/A
Denominator for diluted net loss per share, weighted average shares outstanding	24,974,613	22,715,940	16,867,971	16,205,578

Due to the net loss incurred for the three and nine months ended September 30, 2014, and 2013, the denominator used in the calculation of basic net loss per share was the same as that used for net loss per share, assuming dilution, since the effect of any options, convertible preferred shares, convertible debt or warrants would have been anti-dilutive. Options to purchase 1,692,500 and 572,000 shares of our common stock were outstanding at September 30, 2014 and 2013, respectively, 375 shares outstanding of Series C Convertible Preferred Stock, at September 30, 2014 and 2013, outstanding convertible debt of \$2,839,000 and \$2,901,000 at September 30, 2014 and 2013, respectively, and the warrants outstanding at September 30, 2014 were not included in the computation of diluted net loss per share because they were also anti-dilutive.

**PART I. FINANCIAL INFORMATION (Continued)**

**CALMARE THERAPEUTICS INCORPORATED AND SUBSIDIARY**

(formerly, Competitive Technologies, Inc.)

**3. RECENTLY ISSUED ACCOUNTING PRONOUNCEMENTS**

In May 2014, the Financial Accounting Standards Board (“FASB”) issued Accounting Standards Update (“ASU”) No. 2014-09, *Revenue From Contracts With Customers*, that outlines a single comprehensive model for entities to use in accounting for revenue recognition and supersedes most current revenue recognition guidance, including industry-specific guidance. The amendments in this accounting standard update are intended to provide a more robust framework for addressing revenue issues, improve comparability of revenue recognition practices, and improve disclosure requirements. The amendments in this accounting standard update are effective for interim and annual reporting periods beginning after December 15, 2016; early adoption is not permitted. The Company is currently assessing the impact that this standard will have on its consolidated financial statements.

In August 2014, the FASB issued ASU No. 2014-15, *Presentation of Financial Statements – Going Concern*, which provides guidance on management’s responsibility in evaluating whether there is substantial doubt about a company’s ability to continue as a going concern and the related footnote disclosure. For each reporting period, management will be required to evaluate whether there are conditions or events that raise substantial doubt about a company’s ability to continue as a going concern within one year from the date the financials are issued. When management identifies conditions or events that raise substantial doubt about the entity’s ability to continue as a going concern, the ASU also outlines disclosures that are required in the company’s footnotes based on whether or not there are any plans intended to mitigate the relevant conditions or events to alleviate the substantial doubt. The ASU becomes effective for annual periods ending after December 15, 2016, and for any annual and interim periods thereafter. Early application is permitted. The Company is currently assessing the impact that this standard will have on its consolidated financial statements.

**4. RECEIVABLES**

Receivables consist of the following:

	September 30, 2014	December 31, 2013
Calmare sales receivable, net of allowance of \$79,500 at September 30, 2014 and \$0 at December 31, 2013	\$ 235,319	\$ 132,850

Royalties, net of allowance of \$101,154 at September 30, 2014 and December 31, 2013	-	10,086
Other	394	394
Total receivables	\$ 235,713	\$ 143,330

## 5. AVAILABLE-FOR-SALE AND EQUITY SECURITIES

The fair value of the equity securities we held were categorized as available-for-sale securities, which were carried at a fair value of zero, consisted of shares in Security Innovation and Xion Pharmaceutical Corporation (“Xion”). We own 223,317 shares of stock in the privately held Security Innovation, an independent provider of secure software located in Wilmington, MA.

In September 2009 we announced the formation of a joint venture with Xion for the commercialization of our patented melanocortin analogues for treating sexual dysfunction and obesity. CTI currently owns 60 shares of common stock or 30% of the outstanding stock of privately held Xion.

## 6. FAIR VALUE MEASUREMENTS

The Company measures fair value in accordance with Topic 820 of the FASB Accounting Standards Codification (“ASC”), Fair Value Measurement (“ASC 820”), which provides a fair value hierarchy that prioritizes the inputs to valuation techniques used to measure fair value. The hierarchy gives the highest priority to unadjusted quoted prices in active markets for identical assets or liabilities (Level 1 measurements) and the lowest priority to unobservable inputs (Level 3 measurements). The three levels of the fair value hierarchy under ASC 820 are described as follows:

Level 1 - Inputs to the valuation methodology are unadjusted quoted prices for identical assets or liabilities in active markets that the Company has the ability to access.

Level 2 - Inputs to the valuation methodology include:

- Quoted prices for similar assets or liabilities in active markets;
- Quoted prices for identical or similar assets or liabilities in inactive markets;
- Inputs other than quoted prices that are observable for the asset or liability;
- Inputs that are derived principally from or corroborated by observable market data by correlation or other means.

If the asset or liability has a specified (contractual) term, the Level 2 input must be observable for substantially the full term of the asset or liability.

Level 3 - Inputs to the valuation methodology are unobservable and significant to the fair value measurement



**PART I. FINANCIAL INFORMATION (Continued)**

**CALMARE THERAPEUTICS INCORPORATED AND SUBSIDIARY**

(formerly, Competitive Technologies, Inc.)

The asset's or liability's fair value measurement level within the fair value hierarchy is based on the lowest level of any input that is significant to the fair value measurement. Valuation techniques used need to maximize the use of observable inputs and minimize the use of unobservable inputs.

The Company values its derivative liability associated with the variable conversion feature on its Series C Convertible Preferred Stock (Note 12) based on the market price of its common stock. For each reporting period the Company calculates the amount of potential common stock that the Series C Preferred Stock could convert into based on the conversion formula (incorporating market value of our common stock) and multiplies those converted shares by the market price of its common stock on that reporting date. The total converted value is subtracted by the consideration paid to determine the fair value of the derivative liability. The Company classified the derivative liability of \$160,000 and \$80,000 at September 30, 2014 and December 31, 2013, respectively, in Level 2 of the fair value hierarchy.

The warrants issued in connection with the Tonaquint Note (the "Tonaquint Warrants," see Note 11) were measured at fair value and liability-classified because the Tonaquint Warrants contain "down-round" protection and therefore did not meet the scope exception under FASB ASC 815, Derivatives and Hedging ("ASC 815"). Since "down-round" protection is not an input to the fair value of the warrants, the warrants could not be considered indexed to the Company's own stock which is a requirement for the scope exception as outlined under ASC 815. The Company valued the warrants at \$8,000 at December 31, 2013, and \$26,076 upon issuance July 16, 2013, in Level 3 of the fair value hierarchy. During the first quarter of 2014 the Company executed a debt settlement agreement with Tonaquint related to the note and warrant (see Note 11).

Similarly, the conversion feature of the Tonaquint Note (Note 11) also contained "down-round" protection and therefore did not meet the scope exception under FASB ASC 815. The Company classified the derivative liability of \$0 at December 31, 2013, and \$19,024 upon issuance at July 16, 2013, in Level 3 of the fair value hierarchy. During the first quarter of 2014 the Company executed a debt settlement agreement with Tonaquint related to the note and warrant (see Note 11).

The methods described above may produce a fair value calculation that may not be indicative of net realizable value or reflective of future fair values. Furthermore, while the Company believes its valuation method is appropriate and consistent with other market participants, the use of different methodologies or assumptions to determine the fair value could result in a different fair value measurement at the reporting date.

The carrying amounts reported in our Condensed Consolidated Balance Sheet for cash, accounts receivable, notes payable, deferred revenue, and preferred stock liability approximate fair value due to the short-term maturity of those financial instruments.

**7. PREPAID EXPENSES AND OTHER CURRENT ASSETS**

Prepaid expenses and other current assets consist of the following:

	September 30, 2014	December 31, 2013
Prepaid insurance	\$ 97,851	\$ 16,802
Other	18,204	48,365
Prepaid expenses and other current assets	\$ 116,055	\$ 65,167



**PART I. FINANCIAL INFORMATION (Continued)****CALMARE THERAPEUTICS INCORPORATED AND SUBSIDIARY**

(formerly, Competitive Technologies, Inc.)

**8. PROPERTY AND EQUIPMENT**

Property and equipment, net, consist of the following:

	September 30, 2014	December 31, 2013
Property and equipment, gross	\$ 215,491	\$177,537
Accumulated depreciation and amortization	(172,173	) (169,931)
Property and equipment, net	\$ 43,318	\$7,606

Depreciation and amortization expense was \$5,630 and \$11,976 during the three and nine months ended September 30, 2014, and \$3,551 and \$8,410 for the three and nine months ended September 30, 2013.

**9. ACCRUED EXPENSES AND OTHER LIABILITIES**

Accrued expenses and other liabilities consist of the following:

	September 30, 2014	December 31, 2013
Royalties payable	\$ 306,310	\$ 127,708
Accrued compensation	171,421	-
Accrued accounting fees	-	82,141
Accrued interest payable	854,157	216,518
Other payables	225,376	156,620
Accrued expenses and other liabilities, net	\$ 1,557,264	\$582,987

Excluded above is approximately \$235,000 and \$244,000 of accrued expenses and other liabilities at September 30, 2014 and December 31, 2013, respectively, that fall under the Liability Purchase Agreement (“LPA”) with ASC Recap,

LLC (“ASC Recap”), and are expected to be repaid using the process as described in Note 10. Because there can be no assurance that the Company will be successful in completing this process, the Company retains ultimate responsibility for these liabilities, until fully paid down.

#### **10. LIABILITIES ASSIGNED TO LIABILITY PURCHASE AGREEMENT**

During the third quarter of 2013, the Company negotiated a LPA with Southridge, Partners II, L.P. (“Southridge”). The LPA takes advantage of a provision in the Securities Act of 1933, Section 3(a)(10), that allows the exchange of claims, securities, or property for stock when the arrangement is approved for fairness by a court proceeding. The process, approved by the court in August 2013, has the potential to eliminate nearly \$2.1 million of our financial obligations to existing creditors who agreed to participate and executed claims purchase agreements with Southridge’s affiliate ASC Recap accounting for \$2,093,303 of existing payables, accrued expenses and other current liabilities, and notes payable. The process began with the issuance in September 2013 of 1,618,235 shares of the Company’s common stock to ASC Recap. During September and October 2013, ASC Recap sold the Company’s common stock and during the three months ended March 31, 2014 paid creditors approximately \$80,000 from the proceeds and retained a service fee of approximately \$27,000. As of November 21, 2014, no further shares of the Company’s common stock had been issued to ASC Recap to settle creditors’ balances.

There can be no assurance that the Company will be successful in completing this process with Southridge, and the Company retains ultimate responsibility for this debt, until fully paid.

**PART I. FINANCIAL INFORMATION (Continued)****CALMARE THERAPEUTICS INCORPORATED AND SUBSIDIARY**

(formerly, Competitive Technologies, Inc.)

**11. NOTES PAYABLE**

Notes payable consist of the following:

	September 30, 2014	December 31, 2013
90 day Convertible Notes (Chairman of the Board)	\$ 2,498,980	\$ 2,518,000
24 month Convertible Notes (\$100,000 to Board member)	225,000	225,000
Tonaquint 9% OID Convertible Notes and Warrants	-	87,705
Southridge Convertible Note	-	12,000
Series A1 15% OID Convertible Notes and Warrants	-	81,415
Series A2 15% OID Convertible Notes and Warrants	18,000	69,571
Series A3 15% OID Convertible Notes and Warrants	55,490	-
Series B OID Convertible Notes and Warrants	41,894	-
Notes Payable, gross	2,839,364	2,993,691
Less LPA amount	(485,980)	(505,000)
Notes Payable, net	\$ 2,353,384	\$ 2,488,691

Details of notes payable as of September 30, 2014 are as follows:

	Principal Amount	Carrying Value	Cash Interest Rate	Common Stock Conversion Price	Maturity Date
90 day Convertible Notes (Chairman of the Board)	\$2,498,980	\$2,498,980	6 %	\$ 1.05	Various 2014
24 month Convertible Notes (\$100,000 to Board member)	225,000	225,000	6 %	1.05	March 2014 – June 2014
Series A2 15% OID Convertible Notes and Warrants	18,000	18,000	None	0.25	September 2014
Series A3 15% OID Convertible Notes and Warrants	64,706	55,490	None	0.25	January 2015
	80,000	41,894	None	0.35	March 2017

Series B OID Convertible Notes  
and Warrants

Notes Payable, gross	\$2,886,686	2,839,364
Less LPA amount		(485,980 )
Notes Payable, net		\$2,353,384

**PART I. FINANCIAL INFORMATION (Continued)**

**CALMARE THERAPEUTICS INCORPORATED AND SUBSIDIARY**

(formerly, Competitive Technologies, Inc.)

**90 day Convertible Notes**

The Company has issued 90-day notes payable to borrow funds from a director, now the chairman of our Board, as follows:

2013	\$1,188,980
2012	1,210,000
2011	100,000
Total	\$2,498,980

These notes have been extended several times and all bear 6.00% simple interest. A conversion feature was added to the Notes when they were extended, which allows for conversion of the eligible principal amounts to common stock at any time after the six month anniversary of the effective date – the date the funds are received – at a rate of \$1.05 per share. Additional terms have been added to all Notes to include additional interest of 1% simple interest per month on all amounts outstanding for all Notes if extended beyond their original maturity dates and to provide the lender with a security interest in unencumbered inventory and intangible assets of the Company other than proceeds relating to the Calmare Device and accounts receivable.

Due to the Board's February 10, 2014 decision authorizing Management to nullify certain actions taken by prior management, the additional terms noted above were not approved and therefore, the additional interest for the extension of the Notes was not recorded. During 2014, Management has been in negotiations to modify the terms of the Notes. However, until those negotiations are resolved, the Company has agreed to honor the additional terms and as such, the Company recorded additional interest of approximately \$510,000 during the three months ended September 30, 2014.

A total of \$485,980 of the aforementioned notes issued between December 1, 2012 and March 31, 2013 fall under the LPA with ASC Recap, and are expected to be repaid using the process as described in Note 10. Because there can be no assurance that the Company will be successful in completing this process, the Company retains ultimate responsibility for this debt, until fully paid down. As a result, the Company continues to accrue interest on these notes and they remain convertible as described above.

### **24 month Convertible Notes**

In March 2012, the Company issued a 24-month convertible promissory note to borrow \$100,000. Additional 24-month convertible promissory notes were issued in April 2012 (\$25,000) and in June 2012 (\$100,000). All of the notes bear 6.00% simple interest. Conversion of the eligible principal amounts to common stock is allowed at any time after the six month anniversary of the effective date of each note at a rate of \$1.05 per share.

As of November 21, 2014 the Company has not repaid the principal due on the March 2012 \$100,000 note, the April 2012 \$25,000 note or the June 2012 \$100,000 note and is in default under the terms of the notes. There is also unpaid interest related to these notes.

### **Tonaquint 9% Original Issue Discount Convertible Notes and Warrants**

During the quarter ended September 30, 2013, the Company entered into a securities purchase agreement with Tonaquint, Inc., under which it was issued a \$112,500 convertible promissory note in consideration for \$100,000, the difference between the proceeds from the Note and the principal amount consisted of a \$10,000 original issue discount and a carried transaction expense of \$2,500. The original issue discount was being amortized over the life of the note. The note was convertible at an initial conversion price of \$0.30 per share at any time, and contained a “down-round protection” feature that requires the valuation of a derivative liability associated with the note. The note bore interest at 7% and was due in May 2014. Tonaquint was also issued a market-related warrant for \$112,500 in shares of common stock with a “cashless” exercise feature. The warrant had a \$0.35 exercise price, a 5-year term and included a “down-round protection” feature that required it to be classified as a liability rather than as equity (see Note 6).

During the first quarter of 2014 the Company executed a debt settlement agreement with Tonaquint related to the note and warrant. The warrant was settled during the first quarter of 2014 for a cash payment of \$98,000, resulting in a loss of \$98,000. The note was settled during the second quarter of 2014 for cash payments totaling \$144,000 (\$20,000 paid in the first quarter of 2014 and \$124,000 paid in the second quarter of 2014). Because the execution of the debt settlement agreement in the first quarter of 2014 resulted in a significant modification of the original terms of the note agreement, the Company adjusted the carrying value of the note in the first quarter of 2014 and recorded a related loss of approximately \$34,000.

**PART I. FINANCIAL INFORMATION (Continued)**

**CALMARE THERAPEUTICS INCORPORATED AND SUBSIDIARY**

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**Southridge**

During 2013, the Company issued a six-month \$12,000 convertible note payable to Southridge to cover legal expenses as part of the LPA (see Note 10). The convertible note was convertible into the Company's common stock at the greater of \$0.25 or 85% of the average closing bid price during the five (5) trading days prior to conversion and was due in June 2014.

During the third quarter of 2014, the Company issued to Southridge 50,000 shares in exchange for and in full satisfaction for the note and recorded a \$5,500 loss upon conversion of the note.

**Series A 15% Original Issue Discount ("OID") Convertible Notes and Warrants**

During the quarter ended December 31, 2013, the Company did a private offering of two tranches of convertible notes and warrants, under which it issued \$283,648 of convertible promissory notes for consideration of \$241,100, the difference between the proceeds from the notes and the principal amount consists of \$42,548 of original issue discount.

During the quarter ended March 31, 2014, the Company did a private offering of a third tranche of convertible notes and warrants, under which it issued \$64,706 of convertible promissory notes for consideration of \$55,000, the difference between the proceeds from the notes and principal amount consists of \$9,706 of original issue discount.

The notes are convertible at initial conversion prices ranging from \$0.20 to \$0.25 per share any time after issuance thereby having an embedded beneficial conversion feature. The note holders were also issued market-related warrants for 958,179 in shares of common stock. The warrants have exercise prices that range from \$0.40 to \$0.60 and a term of 2 years. The beneficial conversion feature, if any, and the warrants were recorded to additional paid-in-capital. The Company allocated the proceeds received to the notes, the beneficial conversion feature and the warrants on a relative fair value basis at the time of issuance. The total debt discount is amortized over the life of the notes to interest

expense.

The beneficial conversion feature was valued at the intrinsic value on the issuance date. The intrinsic value represents the difference between the conversion price and the fair value of the common stock multiplied by the number of share into which the note is convertible. We estimated the fair value of the warrants on the issue date using a Black-Scholes pricing model with the following assumptions:

	Warrants (Tranche 1) November 15, 2013	Warrants (Tranche 2) December 30, 2013	Warrants (Tranche 3) February 14, 2014
Expected term	2 years	2 years	2 years
Volatility	180.02 %	184.38 %	184.88 %
Risk Free Rate	0.31 %	0.39 %	0.32 %

The proceeds of the Notes issued during the three months ended March 31, 2014 were allocated to the components as follows:

	Proceeds allocated at issue date
Private Offering Notes	\$ 32,390
Private Offering Warrants	14,845
Beneficial Conversion feature	7,765
Total	\$ 55,000

During the quarter ended June 30, 2014, certain holders of OID convertible notes and warrants delivered to the Company a notice of conversion related to the OID convertible notes. Due to the timing of receipt of the notices by the Company, certain Note holders (“Noteholders”) received their shares during the quarter ended June 30, 2014, while other Noteholders received their shares during the quarter ended September 30, 2014. Additionally, the Company offered certain Noteholders an inducement to convert their notes to shares. The inducement, when offered, provided Noteholders a conversion price of \$0.20. All other original terms, including the warrant terms, remained the same. Upon notice of conversion and irrespective of whether the shares were delivered in the quarter ended June 30, 2014 or subsequent to June 30, 2014; during the quarter ended June 30, 2014, the Company: (i) accelerated and recognized as interest expense in the current period any remaining discount, and (ii) recognized a loss for the fair value of the additional shares offered as the conversion inducement.



**PART I. FINANCIAL INFORMATION (Continued)**

**CALMARE THERAPEUTICS INCORPORATED AND SUBSIDIARY**

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Presented below is summary information related to the conversion:

Statement of Operations	
Loss on conversion of notes	\$43,288
Accelerated interest expense	\$35,109
Balance Sheet	
Shares issued	1,328,240
Principal amount of notes converted	\$265,648

**Series B Original Issue Discount Convertible Notes and Warrants**

During the quarter ended March 31, 2014, the Company did a private offering of convertible notes and warrants, under which it issued \$80,000 of convertible promissory notes for consideration of \$65,000, the difference between the proceeds from the notes and principal amount consists of \$15,000 of original issue discount. The notes are convertible at an initial conversion price of \$0.35 per share any time after issuance thereby having an embedded beneficial conversion feature. The note holders were also issued market-related warrants for 185,714 in shares of common stock. The warrants have an exercise price of \$0.45 and a 4-year term. The beneficial conversion feature and the warrants were recorded to additional paid-in-capital. The Company allocated the proceeds received to the notes, the beneficial conversion feature and the warrants on a relative fair value basis at the time of issuance. The total debt discount is amortized over the life of the notes to interest expense.

The beneficial conversion feature was valued at the intrinsic value on the issuance date. The intrinsic value represents the difference between the conversion price and the fair value of the common stock multiplied by the number of share into which the note is convertible. We estimated the fair value of the warrants on the issue date using a Black-Scholes pricing model with the following assumptions:

	Warrants
	March 20,
	2014
Expected term	4 years

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Volatility	151.52	%
Risk Free Rate	1.32	%

The proceeds of the Notes were allocated to the components as follows:

	Proceeds allocated at issue date
Private Offering Notes	\$ 34,272
Private Offering Warrants	26,811
Beneficial Conversion feature	3,917
Total	\$ 65,000

**PART I. FINANCIAL INFORMATION (Continued)**

**CALMARE THERAPEUTICS INCORPORATED AND SUBSIDIARY**

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**12. SHAREHOLDERS' DEFICIENCY**

**Stock Option Plan**

On May 2, 2011 the Company adopted and executed the Employees' Directors' and Consultants Stock Option Plan (the "Plan"). During the nine months ended September 30, 2014, the Company granted 42,500 options to non-employee directors which were fully vested upon issuance. During the nine months ended September 30, 2013, the Company granted 50,000 options to non-employee directors which were fully vested upon issuance.

During the nine months ended September 30, 2014, the Company granted 320,000 options to employees. 20% of the options vested upon issuance and the remaining options vest ratably over a four (4) year period.

During the nine months ended September 30, 2013, the Company granted 1,000,000 stock options to its then CEO of which 200,000 vested immediately. Due to his subsequent resignation in September 2013, all options have since been cancelled.

During the three months ended March 31, 2013 the Board of Directors extended the expiration dates for all options previously granted to one departing Board member in recognition for service. The Company considered the extension as a modification to the option agreements recording incremental compensation expense of \$16,920 for the three months ended March 31, 2013.

We estimated the fair value of each option on the grant date using a Black-Scholes option-pricing model with the following weighted average assumptions:

Nine-months ended	Nine-
September 30, 2014	months ended
	September 30, 2013

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Dividend yield (1)	0.00	%	0.00	%
Expected volatility (2)	<b>118.5-122.4</b>	%	99.2 - 103.1	%
Risk-free interest rates (3)	<b>1.19-1.72</b>	%	0.64	%
Expected lives (2)	<b>4.0-5.0 YEARS</b>		2.0-5.0 YEARS	

- (1) We have not paid cash dividends on our common stock since 1981, and currently do not have plans to pay or declare cash dividends. Consequently, we used an expected dividend rate of zero for the valuations.
- (2) Estimated based on our historical experience. Volatility was based on historical experience over a period equivalent to the expected life in years.
- (3) Based on the U.S. Treasury constant maturity interest rate with a term consistent with the expected life of the options granted.

During both the three and nine months ended September 30, 2014, the Company recognized expense of \$11,178 for stock options issued to directors and expense of \$8,062 and \$38,007, respectively, for stock options issued to employees.

During the three and nine months ended nine September 30, 2013, the Company recognized expense of \$645 and \$14,895, respectively, for stock options issued to directors and (income) expense of \$(28,667) and \$68,800, respectively, for stock options issued to employees.

### **Preferred Stock**

Holders of 5% preferred stock are entitled to receive, if, as, and when declared by the Board of Directors, out of funds legally available therefore, preferential non-cumulative dividends at the rate of \$1.25 per share per annum, payable quarterly, before any dividends may be declared or paid upon or other distribution made in respect of any share of common stock. The 5% preferred stock is redeemable, in whole at any time or in part from time to time, on 30 days' notice, at the option of the Company, at a redemption price of \$25. In the event of voluntary or involuntary liquidation, the holders of preferred stock are entitled to \$25 per share in cash before any distribution of assets can be made to holders of common stock.

Each share of 5% preferred stock is entitled to one vote. Holders of 5% preferred stock have no preemptive or conversion rights. The preferred stock is not registered to be publicly traded.

At its December 2, 2010 meeting, the CTI Board of Directors declared a dividend distribution of one right (each, a "Right") for each outstanding share of common stock, par value \$0.01, of the Company (the "Common Shares"). The dividend was payable to holders of record as of the close of business on December 2, 2010 (the "Record Date"). Issuance of the dividend may be triggered by an investor purchasing more than 20% of the outstanding shares of common stock.



**PART I. FINANCIAL INFORMATION (Continued)**

**CALMARE THERAPEUTICS INCORPORATED AND SUBSIDIARY**

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On December 15, 2010 the Company issued a \$400,000 promissory note. The promissory note was scheduled to mature on December 31, 2012 with an annual interest rate of 5%.

On December 15, 2010, the Company's Board of Directors authorized the issuance of 750 shares of Series C Convertible Preferred Stock (\$1,000 par value) with a 5% cumulative dividend to William R. Waters, Ltd. of Canada. On December 30, 2010, 750 shares were issued. The Company converted the above \$400,000 promissory note into 400 shares and received cash of \$350,000 for the remaining 350 shares.

Effective June 16, 2011, William R. Waters, Ltd. of Canada converted one-half (½) of its Series C Convertible Preferred Stock, or 375 shares, to 315,126 shares of common stock.

The rights of the Series C Convertible Preferred Stock are as follows:

*Dividend rights* – The shares of Series C Convertible Preferred Stock accrue a 5% cumulative dividend on a quarterly basis and is payable on the last day of each fiscal quarter when declared by the Company's Board. As of a) September 30, 2014, dividends declared were \$79,724, of which \$4,726 and \$14,024, respectively, were declared during the three and nine months ended September 30, 2014 and \$60,976 have not been paid and are shown in accrued and other liabilities at September 30, 2014.

*Voting rights* – Holders of these shares of Series C Convertible Preferred Stock shall have voting rights equivalent to b) 1,000 votes per \$1,000 par value Series C Convertible Preferred share voted together with the shares of Common Stock

c) *Liquidation rights* – Upon any liquidation these Series C Convertible Preferred Stock shares shall be treated as equivalent to shares of Common stock to which they are convertible.

d) *Redemption rights* – The redemption rights were associated with the \$750,000 that had been held in escrow by the Company in the event that the funds were released and returned to CTI. However, the funds were withdrawn from escrow and paid out in accordance with the settlement agreement. Therefore the redemption rights no longer apply

to the remaining Series C Convertible Preferred Stock.

*Conversion rights* – Holder has right to convert each share of Series C Convertible Preferred Stock at any time into shares of the Company's common stock at a conversion price for each share of common stock equal to 85% of the lower of (a) the closing market price at the date of notice of conversion or (b) the mid-point of the last bid price and e) the last ask price on the date of the notice of conversion. The variable conversion feature creates an embedded derivative that was bifurcated from the Series C Convertible Preferred Stock on the date of issuance and was recorded at fair value. The derivative liability will be recorded at fair value on each reporting date with any change recorded in the Statement of Operations as an unrealized (gain) loss on derivative instrument.

On the date of conversion of the 375 shares of Series C Convertible Preferred Stock the Company calculated the value of the derivative liability to be \$81,933. Upon conversion, the \$81,933 derivative liability was reclassified to equity.

The Company recorded a convertible preferred stock derivative liability of \$159,759 and \$80,408, associated with the 375 shares of Series C Convertible Preferred Stock outstanding at September 30, 2014 and December 31, 2013, respectively.

The Company has classified the Series C Convertible Preferred Stock as a liability at September 30, 2014 and December 31, 2013 because the variable conversion feature may require the Company to settle the conversion in a variable number of its common shares.

### **Common Stock**

On August 14, 2014, the shareholders approved an amendment to the Company's certificate of incorporation to effect up to a one-for-ten reverse stock split (the "Reverse Stock Split") of the Company's issued and outstanding common stock. The Board of Directors, in its sole discretion, has discretion to implement the Reverse Stock Split. As of November 21, 2014, the Board of Directors has not implemented the Reverse Stock Split.

During the quarter ended March 31, 2014, the Company did a private offering of its common stock and warrants, for consideration of \$500,000. 2,500,000 shares of common stock were issued at a per share price of \$0.20. The common stock holders were also issued warrants to purchase 1,250,000 shares of common stock. The warrants have an exercise price of \$0.60 and a 3-year term. The warrants were recorded to additional paid-in-capital.

During the quarter ended June 30, 2014, the Company did an additional private offering of its common stock and warrants, for consideration of \$170,000. 850,000 shares of common stock were issued at a per share price of \$0.20. The common stock holders were also issued warrants to purchase 425,000 shares of common stock. The warrants have an exercise price of \$0.60 and a 3-year term. The warrants were recorded to additional paid-in-capital.

During the quarter ended September 30, 2014, the Company did an additional private offering of its common stock and warrants, for consideration of \$232,000. 1,160,000 shares of common stock were issued at a per share price of \$0.20. The common stock holders were also issued warrants to purchase 580,000 shares of common stock. The warrants have an exercise price of \$0.60 and a 3-year term. The warrants were recorded to additional paid-in-capital.



## **PART I. FINANCIAL INFORMATION (Continued)**

### **CALMARE THERAPEUTICS INCORPORATED AND SUBSIDIARY**

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During the nine months ended September 30, 2014 and 2013, the Company issued 10,625 and 21,250 shares of its common stock to non-employee directors under its Director Compensation Plan. The Company recorded expense of \$4,038 and \$7,655 for director stock compensation expense in the nine months ended September 30, 2014 and 2013. No shares were issued to non-employee directors during the three months ended September 30, 2014.

During the three months ended September 30, 2013, the Company issued 3,750 shares of its common stock to non-employee directors and recorded expense of \$655 for the three months ended September 30, 2013.

### **13. CONTRACTUAL OBLIGATIONS AND CONTINGENCIES**

As of September 30, 2014, CTI and its majority owned subsidiary, VVI, have remaining obligations, contingent upon receipt of certain revenues, to repay up to \$165,701 and \$198,365, respectively, in consideration of grant funding received in 1994 and 1995. CTI also is obligated to pay at the rate of 7.5% of its revenues, if any, from transferring rights to certain inventions supported by the grant funds. VVI is obligated to pay at rates of 1.5% of its net sales of supported products or 15% of its revenues from licensing supported products, if any.

#### *Contingencies – Litigation*

***Carolina Liquid Chemistries Corporation, et al. (case completed)*** – On August 29, 2005, we filed a complaint against Carolina Liquid Chemistries Corporation ("Carolina Liquid") in the United States District Court for the District of Colorado, alleging patent infringement of our patent covering homocysteine assays, and seeking monetary damages, punitive damages, attorneys' fees, court costs and other remuneration at the option of the court. As we became aware of other infringers, we amended our complaint to add as defendants Catch, Inc. ("Catch") and the Diazyme Laboratories Division of General Atomics ("Diazyme"). On September 6, 2006, Diazyme filed for declaratory judgment in the Southern District of California for a change in venue and a declaration of non-infringement and invalidity. On September 12, 2006, the District Court in Colorado ruled that both Catch and Diazyme be added as defendants to the Carolina Liquid case.

On October 23, 2006, Diazyme requested the United States Patent and Trademark Office (the "USPTO") to re-evaluate the validity of our patent and this request was granted by the USPTO on December 14, 2006. On July 30, 2009, the U.S. Patent and Trademark Office's Board of Patent Appeals and Interferences ("BPAI") upheld the homocysteine patent. In September 2008, the examiner had denied the patent, but that denial was overruled by the BPAI. While the examiner had appealed that BPAI decision, delaying further action, that appeal was also denied by the BPAI on December 13, 2010. In June 2011, the examiner once again appealed the BPAI decision. In addition to responding to this new appeal, the Company petitioned the Director of the USPTO to help expedite further action on the case within the USPTO, which was to have been handled with special dispatch according to USPTO requirements for handling reexamination proceedings of patents involved in litigation.

On March 13, 2012, the USPTO issued the Ex Parte Reexamination Certificate confirming the patentability of claims examined.

The Company has undertaken efforts to collect amounts from various obligated companies.

***Employment matters – former employee (case completed)*** – In September 2003, a former employee filed a whistleblower complaint with the Occupational Safety and Health Administration of the Department of Labor ("OSHA") alleging that the employee had been terminated for engaging in conduct protected under the Sarbanes Oxley Act of 2002 ("SOX"). In February 2005, OSHA found probable cause to support the employee's complaint and the Secretary of Labor ordered reinstatement and back wages since the date of termination and CTI requested de novo review and a hearing before an administrative law judge ("ALJ"). In July 2005, after the close of the hearing on CTI's appeal, the U.S. district court for Connecticut enforced the Secretary's preliminary order of reinstatement and back pay under threat of contempt and the Company rehired the employee with back pay.

On October 5, 2005, the ALJ who conducted the hearing on CTI's appeal of the OSHA findings ruled in CTI's favor and recommended dismissal of the employee's complaint. Although the employee abandoned his position upon notice of the ALJ's decision, he nevertheless filed a request for review by the DOL Administrative Review Board ("ARB").

In May 2006, the U.S. Court of Appeals for the Second Circuit vacated the order of the district court enforcing the Secretary's preliminary order of reinstatement and back pay. The employee also filed a new SOX retaliation complaint with OSHA based on alleged black listing action by CTI following his termination. OSHA dismissed the complaint and the employee filed a request for a hearing by an administrative law judge. Ultimately, the employee voluntarily dismissed the appeal.

In March 2008, the ARB issued an order of remand in the employee's appeal of the October 2005 dismissal of his termination complaint, directing the ALJ to clarify her analysis utilizing the burden-shifting standard articulated by the ARB. In January 2009, the ALJ issued a revised decision again recommending dismissal and once again the employee appealed the ruling to the ARB. On September 30, 2011, the ARB issued a final decision and order affirming the ALJ's decision on remand and dismissing the employee's complaint. The employee has appealed the

ARB's decision before the U.S. Court of Appeals for the Second Circuit which has ordered the employee to file his opening brief by May 31, 2012. Response briefs by the Solicitor's Office of the U.S. Department of Labor and CTI were submitted in August 2012. In March 2013, the U.S. Court of Appeals for the Second Circuit upheld the ARB's decision dismissing the former employee's complaint and denied the employee's appeal from that order. In April 2013, the Second Circuit terminated proceedings in that court.

**Tim Conley (case pending)** - On August 18, 2014, notice was issued to the Company that on June 23, 2014, Timothy Conley (the "Plaintiff") filed a complaint against the Company, in the United States District Court for the District of Rhode Island. The complaint alleges that the Company's former acting interim CEO, Johnnie Johnson, and Plaintiff entered into an agreement whereby the Company agreed to make payments to Plaintiff. Among other allegations, Plaintiff claims that the Company's nonpayment to Plaintiff constitutes a breach of contract. The Company believes it has meritorious defenses to the allegations and the Company intends to vigorously defend against the litigation.

**GEOMC (case pending)** - On August 22, 2014, GEOMC filed a complaint against the Company in the United States District Court for the District of Connecticut. The complaint alleges that the Company and GEOMC entered into a security agreement whereby in exchange for GEOMC's sale and delivery of the Scrambler Therapy devices (the "Devices"), the Company would grant GEOMC a security interest in the Devices. Among other allegations, GEOMC claims that the Company has failed to comply with the terms of the security agreement and seeks an order to the Court to replevy the Devices or collect damages. The Company believes it has meritorious defenses to the allegations and the Company intends to vigorously defend against the litigation.

**PART I. FINANCIAL INFORMATION (Continued)**

**CALMARE THERAPEUTICS INCORPORATED AND SUBSIDIARY**

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*CTI's Distribution Rights, Marineo and Delta*

On April 8, 2014, Mr. Giuseppe Marineo, an inventor of the Calmare® pain therapy device, and Delta Research and Development (“Delta”), Mr. Marineo’s research company, and Delta International Services and Logistics (“DIS&L”), Delta’s commercial arm in which Mr. Marineo is the sole beneficiary of all proceeds as its founder and sole owner (collectively the “Group”), issued a press release (the “Group’s Press Release”) regarding CTI stating that the Company did not have authority to sell, distribute and manufacture the Calmare Device as an exclusive agent of the Group. CTI issued a corporate response in a press release dated April 11, 2014 stating that the Group’s Press Release was inaccurate and has since been purged by the overseeing body of wire services.

As disclosed in the Company’s Annual Report on Form 10-K on April 16, 2014, this issue between the Company and the Group is over the validity of a 2012 Amendment to a Sales and Representation Agreement (the “Amendment”) which, if valid and enforceable, may have compromised its rights to sell, distribute and manufacture the Calmare Device as an exclusive agent of the Group in the global marketplace, especially in the European, Middle Eastern and North African (“EMENA”) territory which was responsible for approximately 70% of gross Calmare Device sales in 2011. However, the Company believes that the Amendment is neither valid nor enforceable as it was never duly signed or authorized and subsequently deemed null and void as disclosed on April 16, 2014 in the Form 10-K filing. Therefore, the parties’ rights are determined by an earlier agreement whereby the Company possesses the authority to sell, distribute and manufacture the Calmare Device as a world-wide exclusive agent of the Group.

On April 16, 2014, counsel for the Group (“Group Counsel”) sent a cease and desist letter (“Cease and Desist Letter”) to the Company, requesting a confirmation that the Company would no longer hold itself out as an agent of the Group permitted to sell, distribute and manufacture the Calmare Device world-wide including the EMENA territory.

The Company responded on April 25, 2014 to the Cease and Desist Letter, disputing Group Counsel’s interpretation of the events surrounding the execution of the Amendment. At this time, the Company continues to find a reasonable and amicable resolution to the situation.

*Summary* – We may be a party to other legal actions and proceedings from time to time. We are unable to estimate legal expenses or losses we may incur, if any, or possible damages we may recover, and we have not recorded any

potential judgment losses or proceeds in our financial statements to date. We record expenses in connection with these suits as incurred.

An unfavorable resolution of any or all matters, and/or our incurrence of significant legal fees and other costs to defend or prosecute any of these actions and proceedings may, depending on the amount and timing, have a material adverse effect on our consolidated financial position, results of operations or cash flows in a particular period.

#### **14. RELATED PARTY TRANSACTIONS**

Our board of directors determined that when a director's services are outside the normal duties of a director, we compensate the director at the rate of \$1,000 per day, plus expenses, which is the same amount we pay a director for attending a one-day Board meeting. We classify these amounts as consulting expenses, included in personnel and consulting expenses.

At September 30, 2014, \$2,598,980 of the outstanding Notes payable were Notes payable to related parties; \$2,498,980 to the chairman of our Board and \$100,000 to another director.

## **Item 2. Management's Discussion and Analysis of Financial Condition and Results of Operations**

### **Forward-Looking Statements**

Statements about our future expectations are “forward-looking statements” within the meaning of applicable Federal Securities Laws, and are not guarantees of future performance. When used in herein, the words “may,” “will,” “should,” “anticipate,” “believe,” “intend,” “plan,” “expect,” “estimate,” “approximate,” and similar expressions are intended to identify forward-looking statements. These statements involve risks and uncertainties inherent in our business, including those set forth in Item 1A under the caption “Risk Factors,” in our most recent Annual Report on Form 10-K for the year ended December 31, 2013, filed with the Securities and Exchange Commission (“SEC”) on April 16, 2014, (subsequently amended in a Form 10-K/A, filed with the SEC on April 30, 2014) and other filings with the SEC, and are subject to change at any time. Our actual results could differ materially from these forward-looking statements. We undertake no obligation to update publicly any forward-looking statement.

### **Overview**

Calmare Therapeutics Incorporated (“CTI”) was incorporated in Delaware in 1971, succeeding an Illinois corporation incorporated in 1968. CTI and its majority-owned subsidiary (collectively, “we,” “our,” or “us”), is a biotechnology company developing and commercializing innovative products and technologies. CTI is the licensed distributor of the non-invasive, Calmare pain therapy medical device, which was designed and developed to treat neuropathic and cancer-derived pain.

Effective August 20, 2014, CTI changed its name from Competitive Technologies, Inc. to Calmare Therapeutics Incorporated.

Since 2011, the Company has controlled the sales process for the Calmare Device. We are the primary obligor, responsible for delivering devices as well as training our customers in the proper use of the device. We deal directly with customers, setting pricing and providing training; contribute to the development, new specifications and changes thereto, and to select and contract with manufacturing partners; and retain significant credit risk for amounts billed to customers. Therefore, all product sales are recorded following a gross revenue methodology. We record in product sales, the total funds earned from customers and record the costs of the device as cost of product sales, with gross profit from product sales being the result.

Sales of the Calmare Device continue to be the major source of revenue for the Company. The Company initially acquired the exclusive, worldwide rights to the *Scrambler Therapy*<sup>®</sup> technology in 2007. The Company's 2007 agreement with Giuseppe Marineo ("Marineo"), an inventor of ST, and Delta Research and Development ("Delta"), authorizes CTI to manufacture and sell worldwide the device developed from the patented ST. ST is patented in Italy and in the U.S., effective in February 2013. Applications for patents have been filed internationally as well and are pending approval. The Calmare Device has CE Mark certification from the European Union as well as U.S. FDA 510(k) clearance.

In 2011, the Company negotiated an extension to the agreement Marineo and Delta. This agreement extended the Company's exclusive, worldwide rights to ST until March 31, 2016.

### **CTI's Distribution Rights, Marineo and Delta**

On April 8, 2014, Mr. Giuseppe Marineo, an inventor of the Calmare Device, and Delta Research and Development ("Delta"), Mr. Marineo's research company, and Delta International Services and Logistics ("DIS&L"), Delta's commercial arm in which Mr. Marineo is the sole beneficiary of all proceeds as its founder and sole owner (collectively the "Group"), issued a press release (the "Group's Press Release") regarding CTI, stating that the Company did not have authority to sell, distribute and manufacture the Calmare Device as an exclusive agent of the Group. CTI issued a corporate response in a press release dated April 11, 2014 stating that the Group's Press Release was inaccurate and has since been purged by the overseeing body of wire services.

As disclosed in the Company's Annual Report on Form 10-K on April 16, 2014, and in a Current Report on Form 8-K on April 29, 2014, this issue between the Company and the Group is over the validity of a 2012 Amendment to a Sales and Representation Agreement (the "Amendment") which, if valid and enforceable, may have compromised its rights to sell, distribute and manufacture the Calmare Device as an exclusive agent of the Group in the global marketplace, especially in the European, Middle Eastern and North African ("EMENA") territory which was responsible for approximately 70% of gross Calmare Device sales in 2011. However, the Company believes that the Amendment is neither valid nor enforceable as it was never duly signed or authorized and subsequently deemed null and void. Therefore, the parties' rights are determined by an earlier agreement whereby the Company still possesses the authority to sell, distribute and manufacture Calmare Devices as a world-wide exclusive agent of the Group.

On April 16, 2014, counsel for the Group (“Group Counsel”) sent a cease and desist letter (“Cease and Desist Letter”) to the Company, requesting a confirmation that the Company would no longer hold itself out as an agent of the Group permitted to sell, distribute and manufacture Calmare Devices world-wide including the EMENA territory.

The Company responded on April 25, 2014 to the Cease and Desist Letter, disputing Group Counsel’s interpretation of the events surrounding the execution of the Amendment. At this time, the Company continues to find a reasonable and amicable resolution to the situation.

## **Presentation**

All amounts in this Item 2 are rounded to the nearest thousand dollars.

The following discussion and analysis provides information that we believe is relevant to an assessment and understanding of our financial condition and results of operations. This discussion and analysis should be read in conjunction with our Consolidated Financial Statements and Notes thereto.

## **Results of Operations – Three months ended September 30, 2014 vs. three months ended September 30, 2013**

### **Summary of Results**

Our net loss, for the quarter ended September 30, 2014, increased to \$1,229,000 or \$0.05 per basic and diluted share as compared with a net loss of \$602,000 or \$0.04 per basic and diluted share for the comparable quarter of 2013. This net loss increase is largely attributable to a \$508,000 increase in interest expense.

### **Revenue and Gross Profit from Sales**

*Revenue from the sale and shipment of Calmare® pain therapy devices (the “Devices”),* in the three months ended September 30, 2014, increased \$110,000 to \$400,000 as compared with \$290,000 for the comparable quarter of 2013.



*Cost of product sales*, in the three months ended September 30, 2014, increased \$127,000 to \$247,000 as compared with \$120,000 for the comparable quarter of 2013. This increase in cost of product sold is attributable to the increase in sales as well as the mix of sales.

*Device sales*, in the three months ended September 30, 2014, increased with the sale of eight (8) Devices as compared with four (4) Device sales for the comparable quarter of 2013. Device sales for the three months ended September 30, 2014 were comprised of three (3) U.S. private sector and five (5) international sales as compared to three (3) U.S. private sector and one (1) U.S. military sales for the comparable quarter of 2013.

Due to the relatively long sales cycle for a Device, Device sales and related revenues and expenses can and will vary significantly from quarter to quarter.

#### **Other Revenue**

Retained royalties, in the three months ended September 30, 2014, decreased \$2,000 to \$20,000 as compared with \$22,000 in the three months ended September 30, 2013.

Other income, for the three months ended September 30, 2014, was \$14,000 as compared with \$14,000 in the three months ended September 30, 2013. Other income includes:

	Three Months Ended September 30, 2014	Three Months Ended September 30, 2013
Training payments and the sale of supplies i.e., electrodes and cables for use with our Calmare Devices	\$ 8,000	\$ 6,000
Rental income from customers who were renting Calmare Devices from CTI	\$ 6,000	\$ 8,000

## Expenses

*Total expenses* increased \$607,000 or 68% to \$1,416,000 in the three months ended September 30, 2014 as compared with \$809,000 in the three months ended September 30, 2013.

*Selling expenses* increased 65% or \$15,000 to \$38,000 in the three months ended September 30, 2014 as compared with \$23,000 in the three months ended September 30, 2013 and reflects increased commissions as a result of increased Devices sales.

*Personnel and consulting expenses*, in the three months ended September 30, 2014, increased 36% or \$78,000 to \$297,000 as compared with \$219,000 in the three months ended September 30, 2013. This increase is primarily related to increased consulting costs in the areas of marketing and sales as well as a \$29,000 gain recorded in the 3<sup>rd</sup> quarter of 2013 related to the reversal of previously recorded stock option expense for stock options granted to the Company's former CEO who left the Company during third quarter of 2013.

*General and administrative expenses*, in the three months ended September 30, 2014, decreased 4% or \$18,000 to \$433,000 as compared with \$450,000 in the three months ended September 30, 2013. The decrease primarily reflects:

- a) \$33,000 increase in travel expenses, as the Company has increased its marketing and sales efforts;
- b) \$80,000 increase in bad debt expense;
- c) \$143,000 decrease in investor and public relations expenses, primarily as a result of terminating certain management consulting arrangements; and
- d) \$33,000 decrease in accounting, tax and legal expenses

*Interest expense*, in the three months ended September 30, 2014, increased \$508,000 to \$575,000 as compared with \$67,000 in the three months ended September 30, 2013 (see Note 11 of the Notes to Condensed Consolidated Interim Financial Statements).

*Unrealized loss on derivative instruments*, in the three months ended September 30, 2014, was \$58,000, as compared with \$50,000 recorded in the three months ended September 30, 2013. This reflects the impact of the movement in

CTI's share price on the Class C Preferred Stock at the end of each period.

**Results of Operations – Nine months ended September 30, 2014 vs. nine months ended September 30, 2013**

**Summary of Results**

Our net loss, for the nine months ended September 30, 2014, increased to \$2,746,000 or \$0.12 per basic and diluted share as compared with a net loss of \$2,061,000 or \$0.13 per basic and diluted share for the comparable nine months of 2013. This net loss increase is largely attributable to a \$649,000 increase in interest expense, a \$277,000 increase in personnel and consulting expenses, a non-recurring \$132,000 loss on settlement of note and warrant, a non-recurring \$49,000 loss on conversion of notes and a related \$35,000 accelerated interest expense; partially offset by a \$320,000 decrease in general and administrative expenses, and a \$281,000 increase in gross profit from product sales, which is directly attributable to increased sales.

**Revenue and Gross Profit from Sales**

*Revenue from the sale and shipment of Calmare® pain therapy devices (the “Calmare Devices”),* in the nine months ended September 30, 2014, increased \$511,000 to \$937,000 as compared with \$426,000 for the comparable nine months of 2013.

*Cost of product sales,* in the nine months ended September 30, 2014, increased \$231,000 to \$416,000 as compared with \$185,000 in the nine months ended September 30, 2013. This increase in cost of product sold is attributable to the increase in sales.

*Device sales,* in the nine months ended September 30, 2014, increased with the sale of fifteen (15) Calmare Devices as compared with six (6) Device sales for the comparable nine months of 2013. Device sales for the nine months ended September 30, 2014 were comprised of nine (9) U.S. private sector, one (1) U.S. military and five (5) international sales as compared to four (4) U.S. private sector and two (2) U.S. military sales for the comparable nine months of 2013.

Due to the relatively long sales cycle for a Calmare Device, its sales and related revenues and expenses can and will vary significantly from quarter to quarter.

**Other Revenue**

Retained royalties, in the nine months ended September 30, 2014, decreased \$15,000 to \$25,000 as compared with \$40,000 in the nine months ended September 30, 2013.

Other income, for the nine months ended September 30, 2014, decreased \$41,000 to \$32,000 as compared with \$73,000 in the nine months ended September 30, 2013. Other income includes:

	Nine Months Ended September 30, 2014	Nine Months Ended September 30, 2013
Training payments and the sale of supplies such as electrodes and cables for use with our Calmare Devices	\$ 13,000	\$ 11,000
Rental income from customers who were renting Calmare Devices from CTI	\$ 19,000	\$ 24,000

In addition to the above mentioned items, the Company received a one-time payment of \$38,000 in the first quarter of 2013 from one of our insurance companies related to its conversion to a stock insurance company.

## Expenses

*Total expenses* increased \$909,000 or 38% to \$3,324,000 in the nine months ended September 30, 2014 as compared with \$2,415,000 in the nine months ended September 30, 2013.

*Selling expenses* increased 39% or \$49,000 to \$176,000 in the nine months ended September 30, 2014 as compared with \$127,000 in the nine months ended September 30, 2013 and reflects increased commissions as a result of increased Devices sales.

*Personnel and consulting expenses*, in the nine months ended September 30, 2014, increased 33% or \$277,000 to \$1,116,000 as compared with \$839,000 in the nine months ended September 30, 2013. This increase is related to differences between periods in executive compensation as well as increased consulting costs in the areas of marketing and sales. The nine months ended September 30, 2014 includes an accrual for estimated bonus compensation of \$135,000 whereas no such accrual was recorded in the nine months ended September 30, 2013. However, partially offsetting this difference was stock option expense for employees of \$38,000 for the nine months ended September 30, 2014 as compared with \$69,000 for the nine months ended September 30, 2013.

*General and administrative expenses*, in the nine months ended September 30, 2014, decreased 25% or \$320,000 to \$944,000 as compared with \$1,264,000 in the nine months ended September 30, 2013. The decrease reflects:

- a) \$85,000 increase in travel expenses, as the Company has increased its marketing and sales efforts;
- b) \$225,000 decrease in investor and public relations expenses, primarily as a result of terminating certain management consulting arrangements;
- c) \$212,000 decrease in accounting, tax and legal expenses; and
- d) \$80,000 increase in bad debt expense.

*Interest expense*, in the nine months ended September 30, 2014, increased \$649,000 to \$793,000 as compared with \$144,000 in the nine months ended September 30, 2013 (see Note 11 of the Notes to Condensed Consolidated Interim Financial Statements).

*Interest expense – accelerated upon conversion of OID notes*, during the nine months ended September 30, 2014, certain holders of OID convertible notes and warrants delivered to the Company a notice of conversion related to the OID convertible notes. In connection with the conversion, the Company accelerated and recognized as interest expense in the current period any remaining discount. The total accelerated interest expense was \$35,000 (see Note 11 of the Notes to Condensed Consolidated Interim Financial Statements).

*Loss on conversion of notes*, during the nine months ended September 30, 2014, certain holders of OID convertible notes and warrants delivered to the Company a notice of conversion related to the OID convertible notes. In connection with the conversion, the Company offered certain Noteholders an inducement to convert their notes to shares. The Company recognized a loss of \$43,000 in the 2<sup>nd</sup> quarter of 2014 for the fair value of the additional shares offered as the conversion inducement (see Note 11 of the Notes to Condensed Consolidated Interim Financial Statements). Additionally, During the third quarter of 2014, the Company issued to Southridge 50,000 shares in exchange for and in full satisfaction for the note and recorded a \$5,500 loss upon conversion of the note (see Note 11 of the Notes to Condensed Consolidated Interim Financial Statements).

*Loss on settlement of note and warrant*, during the nine months ended September 30, 2014, the Company cash settled the warrant previously issued to Tonaquint for a loss of \$98,000 and also recorded a \$34,000 loss related to modification in terms to the original note agreement, which was cash settled in the second quarter of 2014 (see Note 11 of the Notes to Condensed Consolidated Interim Financial Statements).

*Unrealized loss on derivative instruments*, in the nine months ended September 30, 2014, was \$79,000, as compared with \$41,000 recorded in the nine months ended September 30, 2013. This reflects the impact of the movement in CTI's share price on the Class C Preferred Stock at the end of each period.

### **Financial Condition and Liquidity**

Our liquidity requirements arise principally from our working capital needs, including funds needed to sell our current technologies and obtain new technologies or products, and protect and enforce our intellectual property rights, if necessary. We fund our liquidity requirements with a combination of cash on hand, debt and equity financing, sales of common stock and cash flows from operations, if any, including royalty legal awards. At September 30, 2014, the Company had outstanding debt in the form of promissory notes with a total principal amount of \$2,887,000 and a carrying value of \$2,839,000.

Our future cash requirements depend on many factors, including results of our operations and marketing efforts, results and costs of our legal proceedings, and our equity financing. To achieve and sustain profitability, we are implementing a corporate reengineering effort, which commenced on September 26, 2013 under the direction of CTI's new president & CEO, Mr. Conrad Mir. This plan design will change the inherent design of the current distributor network and focus on opportunities within the US Departments of Defense (the "DOD") and Veterans Affairs ("VA"), and set out to upgrade CTI's current U.S. Food and Drug Administration (the "FDA") clearance designation for the Calmare Device to approval. Although we cannot be certain that we will be successful in these efforts, we believe the combination of our cash on hand and revenue from executing our strategic plan will be sufficient to meet our obligations of current and anticipated operating cash requirements.

In fiscal 2010, the Company incorporated revenue from the sale of inventory into its revenue stream. That source of revenue is expected to continue as sales of its Calmare Device continue to expand and other products are added to the Company's portfolio of technologies.

At September 30, 2014, cash was \$500, as compared with \$57,000 at December 31, 2013. Net cash used in operating activities was \$(779,000) for the nine months ended September 30, 2014 as compared with \$(1,272,000) for the nine months ended September 30, 2013, primarily reflecting the non-cash interest expense, loss on settlement of the note and warrant, loss on conversion of OID notes in the current period and favorable changes in current liabilities. There was minimal investing activity year to date in 2014, other than the purchase of some property and equipment, and no activity in 2013. Net cash provided by financing activities was \$770,000 for the nine months ended September 30, 2014 as compared to \$1,289,000 for the nine months ended September 30, 2013, primarily as a result of the Company's debt and equity financing activities in both periods.

We currently have the benefit of using a portion of our accumulated net operating losses ("NOLs") to eliminate any future regular federal and state income tax liabilities. We will continue to receive this benefit until we have utilized all of our NOLs, federal and state. However, we cannot determine when and if we will be profitable enough to utilize the benefit of the remaining NOLs before they expire.

### **Going Concern**

The Company has incurred operating losses since fiscal 2006 and has a working capital deficiency at September 30, 2014. During the three and nine months ended September 30, 2014 and 2013, we had a significant concentration of revenues from our Calmare Device technology. We continue to seek revenue from new and existing technologies or products to mitigate the concentration of revenues, and replace revenues from expiring licenses on other technologies.



Although we have taken steps to significantly reduce operating expenses going forward, even at these reduced spending levels, should the anticipated increase in revenue from sales of Calmare® medical devices and other technologies not occur, the Company may not have sufficient cash flow to fund operations through 2014 and into 2015. These conditions raise substantial doubt about the Company's ability to continue as a going concern.

The Company's continuation as a going concern is dependent upon its developing recurring revenue streams sufficient to cover operating costs. The Company does not have any significant individual cash or capital requirements in the budget going forward. If necessary, CTI will attempt to meet anticipated operating cash requirements by further reducing costs, issuing debt and/or equity, and/or pursuing sales of certain assets and technologies while we pursue licensing and distribution opportunities for our remaining legacy portfolio of technologies. There can be no assurance that the Company will be successful in such efforts. Failure to develop a recurring revenue stream sufficient to cover operating expenses could negatively affect the Company's financial position.

**Debt Financing**

Details of notes payable as of September 30, 2014 are as follows:

	Principal Amount	Carrying Value	Cash Interest Rate	Common Stock Conversion Price	Maturity Date
90 day Convertible Notes (Chairman of the Board)	\$2,498,980	\$2,498,980	6 %	\$ 1.05	Various 2014
24 month Convertible Notes (\$100,000 to Board member)	225,000	225,000	6 %	1.05	March 2014 – June 2014
Series A2 15% OID Convertible Notes and Warrants	18,000	18,000	None	0.25	September 2014
Series A3 15% OID Convertible Notes and Warrants	64,706	55,490	None	0.25	January 2015
Series B OID Convertible Notes and Warrants	80,000	41,894	None	0.35	March 2017
Notes Payable, gross	\$2,886,686	2,839,364			
Less LPA amount		(485,980 )			
Notes Payable, net		\$2,353,384			

**90 day Convertible Notes**

The Company has issued 90-day notes payable to borrow funds from a director, now the chairman of our Board, as follows:

2013	\$1,188,980
2012	1,210,000
2011	100,000
Total	\$2,498,980

These notes have been extended several times and all bear 6.00% simple interest. A conversion feature was added to the Notes when they were extended, which allows for conversion of the eligible principal amounts to common stock at any time after the six month anniversary of the effective date – the date the funds are received – at a rate of \$1.05 per share. Additional terms have been added to all Notes to include additional interest 1% simple interest per month on

all amounts outstanding for all Notes if extended beyond their original maturity dates and to provide the lender with a security interest in unencumbered inventory and intangible assets of the Company other than proceeds relating to the Calmare Device and accounts receivable.

Due to the Board's February 10, 2014 decision authorizing Management to nullify certain actions taken by prior management, the additional terms noted above were not approved and therefore, the additional interest for the extension of the Notes was not recorded. During 2014, Management has been in negotiations to modify the terms of the Notes. However, until those negotiations are resolved, the Company has agreed to honor the additional terms and as such, the Company recorded additional interest of approximately \$510,000 during the three months ended September 30, 2014.

A total of \$485,980 of the aforementioned notes issued between December 1, 2012 and March 31, 2013 fall under the liabilities purchase agreement with ASC Recap, and are expected to be repaid using the process as described in Note 10. Because there can be no assurance that the Company will be successful in completing this process, the Company retains ultimate responsibility for this debt, until fully paid down. As a result, the Company continues to accrue interest on these notes and they remain convertible as described above.

### **24 month Convertible Notes**

In March 2012, the Company issued a 24-month convertible promissory note to borrow \$100,000. Additional 24-month convertible promissory notes were issued in April 2012 (\$25,000) and in June 2012 (\$100,000). All of the notes bear 6.00% simple interest. Conversion of the eligible principal amounts to common stock is allowed at any time after the six month anniversary of the effective date of each note at a rate of \$1.05 per share.

As of November 21, 2014 the Company has not repaid the principal due on the March 2012 \$100,000 note, the April 2012 \$25,000 note or the June 2012 \$100,000 note and is in default under the terms of the notes. There is also unpaid interest related to these notes.

### **Tonaquint 9% Original Issue Discount Convertible Notes and Warrants**

During the quarter ended September 30, 2013, the Company entered into a securities purchase agreement with Tonaquint, Inc., under which it was issued a \$112,500 convertible promissory note in consideration for \$100,000, the difference between the proceeds from the Note and the principal amount consisted of a \$10,000 original issue discount and a carried transaction expense of \$2,500. The original issue discounted was being amortized over the life of the note. The note was convertible at an initial conversion price of \$0.30 per share at any time, and contained a “down-round protection” feature that requires the valuation of a derivative liability associated with the note. The note bore interest at 7% and was due in May 2014. Tonaquint was also issued a market-related warrant for \$112,500 in shares of common stock with a “cashless” exercise feature. The warrant had a \$0.35 exercise price, a 5-year term and included a “down-round protection” feature that required it to be classified as a liability rather than as equity (see Note 6 of the Notes to Condensed Consolidated Interim Financial Statements).

During the first quarter of 2014 the Company executed a debt settlement agreement with Tonaquint related to the note and warrant. The warrant was settled during the first quarter of 2014 for a cash payment of \$98,000, resulting in a loss of \$98,000. The note was settled during the second quarter of 2014 for cash payments totaling \$144,000 (\$20,000 in the first quarter of 2014 and \$124,000 in the second quarter of 2014). Because the execution of the debt settlement agreement in the first quarter of 2014 resulted in a significant modification of the original terms of the note agreement, the Company adjusted the carrying value of the note in the first quarter of 2014 and recorded a related loss of approximately \$34,000.

### **Southridge**

During 2013, the Company issued a six-month \$12,000 convertible note payable to Southridge to cover legal expenses as part of the LPA (see Note 11 of the Notes to Condensed Consolidated Interim Financial Statements). The convertible note was convertible into the Company's common stock at the greater of \$0.25 or 85% of the average closing bid price during the five (5) trading days prior to conversion and was due in June 2014.

During the third quarter of 2014, the Company issued to Southridge 50,000 shares in exchange for and in full satisfaction for the note and recorded a \$5,500 loss upon conversion of the note.

#### **Series A 15% Original Issue Discount Convertible Notes and Warrants**

During the quarter ended December 31, 2013, the Company did a private offering of two tranches of convertible notes and warrants, under which it issued \$283,648 of convertible promissory notes for consideration of \$241,100, the difference between the proceeds from the notes and the principal amount consists of \$42,548 of original issue discount.

During the quarter ended March 31, 2014, the Company did a private offering of a third tranche of convertible notes and warrants, under which it issued \$64,706 of convertible promissory notes for consideration of \$55,000, the difference between the proceeds from the notes and principal amount consists of \$9,706 of original issue discount.

The notes are convertible at initial conversion prices ranging from \$0.20 to \$0.25 per share any time after issuance thereby having an embedded beneficial conversion feature. The note holders were also issued market-related warrants for 958,179 in shares of common stock. The warrants have exercise prices that range from \$0.40 to \$0.60 and a term of 2 years. The beneficial conversion feature, if any, and the warrants were recorded to additional paid-in-capital. The total debt discount is amortized over the life of the notes to interest expense.

During the quarter ended June 30, 2014, certain holders of OID convertible notes and warrants delivered to the Company a notice of conversion related to the OID convertible notes. Due to the timing of receipt of the notices by the Company, certain Noteholders received their shares during the quarter ended June 30, 2014, while other Noteholders received their shares during the quarter ended September 30 2014. Additionally, the Company offered certain Noteholders an inducement to convert their notes to shares. The inducement, when offered, provided Noteholders a conversion price of \$0.20. All other original terms, including the warrant terms, remained the same. Upon notice of conversion and irrespective of whether the shares were delivered in the quarter ended June 30, 2014 or subsequent to June 30, 2014; during the quarter ended June 30, 2014 the Company: (i) accelerated and recognized as interest expense in the current period any remaining discount and (ii) recognized a loss for the fair value of the additional shares offered as the conversion inducement.

### **Series B Original Issue Discount Convertible Notes and Warrants**

During the quarter ended March 31, 2014, the Company did a private offering of convertible notes and warrants, under which it issued \$80,000 of convertible promissory notes for consideration of \$65,000, the difference between the proceeds from the notes and principal amount consists of \$15,000 of original issue discount. The notes are convertible at an initial conversion price of \$0.35 per share any time after issuance thereby having an embedded beneficial conversion feature. The note holders were also issued market-related warrants for 185,714 in shares of common stock. The warrants have an exercise price of \$0.45 and a 4-year term. The beneficial conversion feature and the warrants were recorded to additional paid-in-capital. The Company allocated the proceeds received to the notes, the beneficial conversion feature and the warrants on a relative fair value basis at the time of issuance. The total debt discount is amortized over the life of the notes to interest expense.

### **Capital requirements**

We continue to seek revenue from new technology licenses to mitigate the concentration of revenue, and replace revenue from expiring licenses. We have created a new business model for appropriate technologies that allows us to move beyond our usual royalty arrangement and share in the profits of distribution.

For 2014, we expect our capital expenditures to be less than \$100,000.

### **Contractual Obligations and Contingencies**

Contingencies. Our directors, officers, employees and agents may claim indemnification in certain circumstances. We seek to limit and reduce our potential financial obligations for indemnification by carrying directors' and officers' liability insurance, subject to deductibles.

We also carry liability insurance, casualty insurance, for owned or leased tangible assets, and other insurance as needed to cover us against claims and lawsuits that occur in the ordinary course of business.

Many of our license and service agreements provide that upfront license fees, license fees and/or royalties we receive are applied against amounts that our clients or we have incurred for patent application, prosecution, issuance and maintenance costs. If we incur such costs, we expense them as incurred, and reduce our expense if we are reimbursed from future fees and/or royalties we receive. If the reimbursement belongs to our client, we record no revenue or expense.

As of September 30, 2014, CTI and its majority-owned subsidiary, VVI, have remaining obligations, contingent upon receipt of certain revenue, to repay up to \$165,701 and \$198,365, respectively, in consideration of grant funding received in 1994 and 1995. CTI also is obligated to pay at the rate of 7.5% of its revenues, if any, from transferring rights to certain inventions supported by the grant funds. VVI is obligated to pay at rates of 1.5% of its net sales of supported products or 15% of its revenues from licensing supported products, if any.

### **Critical Accounting Estimates**

There have been no significant changes in our accounting estimates described under the caption “Critical Accounting Estimates” included in Part II, Item 7, “Management’s Discussion and Analysis of Financial Condition and Results of Operations,” in our Annual report on Form 10-K for the year ended December 31, 2013.

### **Item 3. Quantitative and Qualitative Disclosures About Market Risk**

Not applicable.

### **Item 4. Controls and Procedures**

#### **(a) Evaluation of disclosure controls and procedures**

Management evaluated the effectiveness of the design and operation of our disclosure controls and procedures (as defined in Securities Exchange Act Rules 13a-15(e) and 15d-15(e)) as of September 30, 2014. Our disclosure controls and procedures are designed to ensure that information required to be disclosed by the issuer in the reports that it files or submits under the Act (15 U.S.C. 78a et seq.) is recorded, processed, summarized, and reported, within the time periods specified in the Commission’s rules and forms. Disclosure controls and procedures include, without limitation, controls and procedures designed to ensure that information required to be disclosed by an issuer in the reports that it files or submits under the Act is accumulated and communicated to the issuer's management, including its principal executive and principal financial officers, or persons performing similar functions, as appropriate to allow timely decisions regarding required disclosure. Based on this evaluation, management concluded that our disclosure controls and procedures were effective as of September 30, 2014.

#### **(b) Change in Internal Controls**



During the period ending September 30, 2014, there were no changes in our internal control over financial reporting during that period 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**

None.

### **Item 1A. Risk Factors**

We are a smaller reporting company and are not required to provide the information under this item.

### **Item 2. Unregistered Sales of Equity Securities and Use of Proceeds**

During the quarter ended September 30, 2014, the Company did an additional private offering of its common stock and warrants, for consideration of \$232,000. 1,160,000 shares of common stock were issued at a per share price of \$0.20. The common stock holders were also issued warrants to purchase 580,000 shares of common stock. The warrants have an exercise price of \$0.60 and a 3-year term. The warrants were recorded to additional paid-in-capital.

The above securities were issued to the individuals identified in connection with a transaction made in reliance upon exemptions from registration pursuant to Section 4(2) under the Securities Act of 1933, as amended (the “Securities Act”) and/or Rule 506 promulgated under the Securities Act. The investors are accredited investors as defined in Rule 501 of Regulation D promulgated under the Securities Act.

### **Item 3. Defaults Upon Senior Securities**

None.

**Item 4. Mine Safety Disclosures**

Not applicable.

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**Item 5. Other Information**

None.

**Item 6. Exhibits**

Exhibit No	Description	Filing Method
3.1	Unofficial restated certificate of incorporation of the registrant as amended to date filed.(1)	Incorporated by reference
3.2	Bylaws of the registrant as amended effective October 14, 2005.(2)	Incorporated by reference
10.1	Securities Purchase Agreement with Tonaquint, Inc. dated July 16, 2013.(3)	Incorporated by reference
10.2	Equity Purchase Agreement with Southridge Partners II, L.P. dated September 10, 2013.(4)	Incorporated by reference
31.1	Certification by the Chief Executive Officer of Calmare Therapeutics Incorporated pursuant to Section 302 of the Sarbanes-Oxley Act of 2002 (Rule 13a-14(a) or Rule 15d-14(a)).	Filed herewith
31.2	Certification by the Chief Financial Officer of Calmare Therapeutics Incorporated pursuant to Section 302 of the Sarbanes-Oxley Act of 2002 (Rule 13a-14(a) or Rule 15d-14(a)).	Filed herewith
32.1	Certification by the Chief Executive Officer of Calmare Therapeutics Incorporated pursuant to Section 906 of the Sarbanes-Oxley Act of 2002 (18 U.S.C. 1350).	Furnished herewith
32.2	Certification by the Chief Financial Officer of Calmare Therapeutics Incorporated pursuant to Section 906 of the Sarbanes-Oxley Act of 2002 (18 U.S.C. 1350).	Furnished herewith
101.INS	XBRL Instance Document	Filed herewith
101.SCH	XBRL Taxonomy Schema	Filed herewith
101.CAL	XBRL Taxonomy Calculation Linkbase	Filed herewith
101.DEF	XBRL Taxonomy Definition Linkbase	Filed herewith

101.LAB XBRL Taxonomy Label Linkbase

Filed herewith

101.PRE XBRL Taxonomy Presentation Linkbase

Filed herewith

- (1) Filed as Exhibit 4.1 to the registrant's registration statement on Form S-8 with the SEC on April 1, 1998.
- (2) Filed as Exhibit 3.2 to the registrant's Quarterly Report on Form 10-Q filed with the SEC on December 12, 2005.
- (3) Filed as Exhibit 10.1 to the registrant's Current Report on Form 8-K filed with the SEC on September 5, 2013.
- (4) Filed as Exhibit 10.1 to the registrant's Current Report on Form 8-K filed with the SEC on September 11, 2013.

**SIGNATURES**

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.

CALMARE THERAPEUTICS INCORPORATED  
(the registrant)

By/s/ Conrad Mir  
Conrad Mir  
President and Chief Executive Officer

November 21, 2014 Authorized Signer (Duly Authorized Officer and Principal Executive Officer)

By/s/ Ian Rhodes  
Ian Rhodes  
Executive Vice President and Chief Financial Officer

November 21, 2014 (Duly Authorized Officer and Principal Financial Officer)