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

FORM 10-Q

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

FOR THE QUARTERLY PERIOD ENDED: MARCH 31, 2016

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: 000-12885

alpha-En Corporation

(Exact name of registrant as specified in its charter)

Delaware

95-4622429

(State or other jurisdiction of
incorporation or organization)

(I.R.S. Employer
Identification No.)

**120 White Plains Road, Suite 425, Tarrytown, New York 10591
(914) 418-2000**

(Address and telephone number of principal executive offices)

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

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

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

Large accelerated filer	<input type="checkbox"/>	Accelerated filer	<input type="checkbox"/>
Non-accelerated filer	<input type="checkbox"/>	Smaller reporting company	<input checked="" type="checkbox"/>

(Do not check if a smaller reporting company)

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

As of January 5, 2017, there were 32,892,089 shares of common stock outstanding.



EXPLANATORY NOTE

We are filing this report on Form 10-Q in order to become current in our filing obligations under the Securities Exchange Act of 1934, as amended, or the Exchange Act, and additional filings subsequent to this Form 10-Q will be required before we become current with such obligations. We are a technology company in the developmental stage and we were unable to file our periodic reports primarily due to our inability to generate net income from operations and our limited working capital. As a result, the Company was unable (i) to maintain an adequate financial staff, and (ii) to retain the necessary advisors to prepare and complete the financial reports required by the Exchange Act and the rules and regulations of the SEC.

Due to these constraints, we were unable to prepare and timely file the required reports with the SEC under the Exchange Act. This Form 10-Q should be read together and in connection with the other reports filed by us with the SEC for a comprehensive description of our current financial condition and operating results. In the interest of complete and accurate disclosure, we have included current information in this Form 10-Q for certain material events and developments that have taken place through the date of the filing of this Form 10-Q.

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PART I. FINANCIAL INFORMATION

Item 1. Financial Statements

ALPHA-EN CORPORATION
CONDENSED CONSOLIDATED BALANCE SHEETS
(in thousands, except share and per share data)
(Unaudited)

	March 31, 2016	December 31, 2015
ASSETS		
Current assets		
Cash	\$ 693	\$ 730
Prepaid expenses	340	301
Due from related party	-	61
Total current assets	1,033	1,092
Property and equipment, net	36	2
Total assets	\$ 1,069	\$ 1,094
LIABILITIES AND STOCKHOLDERS' EQUITY		
Current liabilities		
Accounts payable and accrued expenses	\$ 319	\$ 341
Advances from related parties	92	62
Total current liabilities	411	403
Total liabilities	411	403
COMMITMENTS AND CONTINGENCIES		
Stockholders' equity:		
Preferred stock par value \$0.01: 2,000,000 shares authorized; none issued or outstanding	-	-
Class B common stock no par value: 1,000,000 shares authorized; none issued or outstanding	-	-
Common stock par value \$0.01: 35,000,000 shares authorized; 33,423,026 and 32,235,525 shares issued and outstanding as of March 31, 2016 and December 31, 2015, respectively	334	322
Additional paid-in capital	11,692	10,705
Treasury stock at cost: 714,750 shares as of March 31, 2016 and December 31, 2015	(69)	(69)
Accumulated deficit	(11,134)	(10,169)
Shareholders' equity attributed to alpha-En Corporation stockholders	823	789
Non-controlling interest	(165)	(98)
Total stockholders' equity	658	691
TOTAL LIABILITIES AND STOCKHOLDERS' EQUITY	\$ 1,069	\$ 1,094

See notes to condensed consolidated financial statements.

ALPHA-EN CORPORATION
CONDENSED CONSOLIDATED STATEMENTS OF OPERATIONS
(in thousands, except share and per share data)
(Unaudited)

	For the Three Months Ended March 31,	
	2016	2015
Operating expenses		
General and administrative	\$ 583	\$ 28
Legal and professional fees	49	7
Research and development	394	28
Total operating expenses	<u>1,026</u>	<u>63</u>
Net loss	(1,026)	(63)
Less: net loss attributable to non-controlling interest	(61)	(1)
Net loss attributable to alpha-En Corporation	<u>\$ (965)</u>	<u>\$ (62)</u>
Net loss per share attributable to alpha-En Corporation common stockholders		
Basic and diluted	<u>\$ (0.03)</u>	<u>\$ (0.00)</u>
Weighted average shares outstanding:		
Basic and diluted	<u>32,448,987</u>	<u>30,285,525</u>

See notes to condensed consolidated financial statements.

ALPHA-EN CORPORATION
CONDENSED CONSOLIDATED STATEMENT OF STOCKHOLDERS' EQUITY
(in thousands, except share and per share data)
(Unaudited)

	<u>Common Stock</u>		<u>Additional</u>	<u>Treasury Stock</u>		<u>Accumulated</u>	<u>Noncontrolling</u>	<u>Total</u>
	<u>Shares</u>	<u>Amount</u>	<u>Paid-In Capital</u>	<u>Shares</u>	<u>Amount</u>	<u>Deficit</u>	<u>Interest</u>	<u>Equity</u>
Balance at December 31, 2015 (as previously reported)	28,649,497	286	10,741	714,750	(69)	(10,169)	(98)	691
Correction to outstanding shares (See Note 6)	3,586,028	36	(36)	-	-	-	-	-
Balance at December 31, 2015 (as adjusted)	32,235,525	322	10,705	714,750	(69)	(10,169)	(98)	691
Stock based compensation	-	-	627	-	-	-	-	627
Issuance of restricted stock to employee	650,000	7	(7)	-	-	-	-	-
Options exercised for cash	100,000	1	10	-	-	-	-	11
Issuance of common stock and warrants in a private placement	437,501	4	276	-	-	-	-	280
Issuance of subsidiary common stock for service	-	-	81	-	-	-	(6)	75
Net loss	-	-	-	-	-	(965)	(61)	(1,026)
Balance at March 31, 2016	33,423,026	\$ 334	\$ 11,692	714,750	\$ (69)	\$ (11,134)	\$ (165)	\$ 658

See notes to condensed consolidated financial statements.

ALPHA-EN CORPORATION
CONDENSED CONSOLIDATED STATEMENTS OF CASH FLOWS
(in thousands)
(Unaudited)

	For the Three Months Ended March 31,	
	2016	2015
Cash flows from operating activities		
Net loss	\$ (1,026)	\$ (63)
Adjustments to reconcile net loss to net cash used in operating activities:		
Depreciation and amortization	1	-
Stock-based compensation	627	35
Issuance of subsidiary common stock for service	75	-
Changes in operating assets and liabilities of business:		
Prepaid expenses	(39)	(69)
Due from related parties	61	-
Accounts payable and accrued expenses	(22)	2
Net cash used in operating activities	<u>(323)</u>	<u>(95)</u>
Cash flows from investing activities		
Purchase of fixed assets	<u>(35)</u>	<u>(2)</u>
Net cash used in investing activities	(35)	(2)
Cash flows from financing activities		
Options exercised for cash	11	-
Proceeds from issuance of common stock and warrants in private placement	280	-
Advances from related parties	50	-
Repayments of advances from related parties	<u>(20)</u>	<u>-</u>
Net cash provided by financing activities	321	-
Net decrease in cash	(37)	(97)
Cash at beginning of period	<u>730</u>	<u>103</u>
Cash at end of period	<u>\$ 693</u>	<u>\$ 6</u>

See notes to condensed consolidated financial statements.

ALPHA-EN CORPORATION
NOTES TO CONDENSED CONSOLIDATED FINANCIAL STATEMENTS
(Unaudited)

Note 1 - Organization and Operations

alpha-En Corporation (together with its subsidiaries, the “Company”) was incorporated in Delaware on March 7, 1997.

On February 25, 2009, alpha-En Corporation was granted a license for an exclusive, worldwide, transferable, perpetual license to use certain proprietary technology for the processing of lithium for use in batteries. After much effort, it was determined the process was not commercially feasible and efforts surrounding this technology were abandoned in 2011. The Company has settled an amendment and release related to this license. (See Note 7)

During 2011 and 2012, alpha-En Corporation devoted its resources to developing proprietary technology to produce highly pure lithium metal.

In 2013, alpha-En Corporation invented a new process for the production of highly pure lithium metal and associated products at room temperature and subsequently broadened its focus to develop products and processes derived from its new core proprietary technology, including battery components and compounds of lithium.

During the period from 2013 to the present, alpha-En Corporation has been exclusively focused on developing its own technology for the production of highly pure lithium metal, from the bench scale through multiple demonstrations, with the end goal of commercialization. During this time, alpha-En Corporation has also been pursuing strategic partnerships both commercially and with research institutions.

Formation of Majority-Owned Subsidiary

In September 2014, alpha-En Corporation formed Clean Lithium Corporation (“CLC”) under the laws of New York State as a wholly owned subsidiary with a nominal share capital of \$100,000.

Following the sale of CLC’s shares, the ownership is as follows:

<u>Stockholder</u>	<u>Shares</u>	<u>Percentage</u>
alpha-En Corporation	9,095,000	90.95%
Non-controlling interests	905,000	9.05%
Total:	10,000,000	100.00%

Note 2 – Going Concern and Liquidity

The Company has elected to adopt early application of Accounting Standards Update No. 2014-15, “*Presentation of Financial Statements—Going Concern (Subtopic 205-40): Disclosure of Uncertainties about an Entity’s Ability to Continue as a Going Concern (“ASU 2014-15”)*”.

The Company’s condensed consolidated financial statements have been prepared assuming that it will continue as a going concern, which contemplates continuity of operations, realization of assets, and liquidation of liabilities in the normal course of business.

As reflected in the condensed consolidated financial statements, the Company had an accumulated deficit of approximately \$11.1 million and \$10.2 million at March 31, 2016 and December 31, 2015, respectively. A net loss of approximately \$965,000 and \$62,000, and approximately \$323,000 and \$95,000 net cash used in operating activities for the three months ended March 31, 2016 and 2015, respectively.

The Company is attempting to further develop the intellectual property associated with its technology; broaden its patent

portfolio; scale up our production of various products; and begin generating revenue; however, the Company's cash position is not sufficient to support its daily operations. While the Company believes in the viability of its strategy and in its ability to raise additional funds by way of a public or private offering, there can be no assurances to that effect. The ability of the Company to continue as a going concern is dependent upon its ability to raise additional funds by way of a public or private offering and its ability to further develop its technology and generate sufficient revenue.

These factors raise substantial doubt about the Company's ability to continue as a going concern. The condensed consolidated financial statements do not include any adjustments related to the recoverability and classification of recorded asset amounts or the amounts and classification of liabilities that might be necessary should the Company be unable to continue as a going concern.

ALPHA-EN CORPORATION
NOTES TO CONDENSED CONSOLIDATED FINANCIAL STATEMENTS
(Unaudited)

Note 3 - Significant and Critical Accounting Policies and Practices

Basis of Presentation and Principles of Consolidation

The accompanying unaudited condensed consolidated financial statements include the accounts of the Company and its subsidiaries. For consolidated entities where the Company owns less than 100% of the subsidiary, the Company records net income (loss) attributable to non-controlling interests in its condensed consolidated statements of operations equal to the percentage of the economic or ownership interest retained in such entities by the respective non-controlling parties.

The unaudited condensed consolidated financial statements have been prepared by the Company pursuant to the rules and regulations of the Securities and Exchange Commission (the "SEC") and reflect all adjustments (consisting of normal recurring adjustments unless otherwise indicated) which, in the opinion of management, are necessary for a fair presentation of the results for the interim periods presented.

Certain information in footnote disclosures normally included in the financial statements prepared in conformity with accounting principles generally accepted in the United States of America have been condensed or omitted pursuant to the SEC rules and regulations for interim reporting. The financial results for the periods presented may not be indicative of the full year's results.

These unaudited condensed consolidated financial statements should be read in conjunction with the Company's audited consolidated financial statements and the notes thereto for the fiscal year ended December 31, 2015 included in the Company's Annual Report on Form 10-K filed on October 20, 2016.

The Company's unaudited condensed consolidated financial statements include the accounts of the Company and its subsidiaries. All intercompany balances and transactions have been eliminated.

Use of Estimates

The Company's unaudited condensed consolidated financial statements include certain amounts that are based on management's best estimates and judgments. The Company's significant estimates include, but are not limited to, useful lives assigned to long-lived assets, fair value measurements, stock-based compensation, accrued expenses, provisions for income taxes and contingencies. Due to the uncertainty inherent in such estimates, actual results may differ from these estimates.

Fair Value Measurements

Accounts Payable and Accrued Expenses. The carrying amounts of accounts payable and accrued expenses approximate fair value as these accounts are largely current and short term in nature.

Cash

As of March 31, 2016 and December 31, 2015, substantially all of the Company's cash was held at major financial institutions and the balance at certain accounts may exceed the maximum amount insured by the Federal Deposit Insurance Corporation. However, the Company has not experienced losses on these accounts and management believes that the Company is not exposed to significant risks on such accounts.

Property and Equipment

Office equipment is recorded at cost and depreciated using the straight-line method over the estimated useful life of each asset, generally three years.

ALPHA-EN CORPORATION
NOTES TO CONDENSED CONSOLIDATED FINANCIAL STATEMENTS
(Unaudited)

Impairment of Long-Lived Assets

The Company reviews long-lived assets, including property and equipment, for impairment whenever events or changes in business circumstances indicate that the carrying amount of the assets may not be fully recoverable. Factors that the Company considers in deciding when to perform an impairment review include significant underperformance of the business in relation to expectations, significant negative industry or economic trends, and significant changes or planned changes in the use of the assets. If an impairment review is performed to evaluate a long-lived asset for recoverability, the Company compares forecasts of undiscounted cash flows expected to result from the use and eventual disposition of the long-lived asset to its carrying value. An impairment loss would be recognized when estimated undiscounted future cash flows expected to result from the use of an asset are less than its carrying amount. The impairment loss would be based on the excess of the carrying value of the impaired asset over its fair value. There was no impairment of long lived assets during the quarter ended March 31, 2016.

Research and Development

Research and development costs are expensed as incurred. Advance payments for goods and services that will be used in future research and development activities are expensed when the activity has been performed or when the goods have been received rather than when the payment is made. Upfront and milestone payments due to third parties that perform research and development services on the Company's behalf will be expensed as services are rendered or when the milestone is achieved.

Research and development costs primarily consist of personnel related expenses, including salaries, benefits, travel, and other related expenses, stock-based compensation, payments made to third parties for license and milestone costs related to in-licensed products and technology, payments made to third party contract research organizations, consultants, the cost of acquiring and manufacturing clinical trial materials, and costs associated with regulatory filings, laboratory costs and other supplies.

In accordance with ASC 730-10-25-1, *Research and Development*, costs incurred in obtaining technology licenses are charged to research and development expense if the technology licensed has not reached commercial feasibility and has no alternative future use. Certain licenses purchased by the Company require substantial completion of research and development and regulatory and marketing approval efforts in order to reach commercial feasibility and have no alternative future use.

Contingencies

The Company records accruals for contingencies and legal proceedings expected to be incurred in connection with a loss contingency when it is probable that a liability has been incurred and the amount can be reasonably estimated.

If a loss contingency is not probable but is reasonably possible, or is probable but cannot be estimated, the nature of the contingent liability, together with an estimate of the range of possible loss if determinable and material, would be disclosed.

Stock-Based Compensation

The Company expenses stock-based compensation to employees over the requisite service period based on the estimated grant-date fair value of the awards and forfeiture rates. For stock-based compensation awards to non-employees, the Company remeasures the fair value of the non-employee awards at each reporting period prior to vesting and finally at the vesting date of the award. Changes in the estimated fair value of these non-employee awards are recognized as compensation expense in the period of change.

The Company estimates the fair value of stock options grants using the Black-Scholes option pricing model and the assumptions used in calculating the fair value of stock-based awards represent management's best estimates and involve inherent uncertainties and the application of management's judgment.

Income Taxes

The Company records income taxes using the asset and liability method. Deferred income tax assets and liabilities are recognized for the future tax effects attributable to temporary differences between the financial statement carrying amounts of existing assets and liabilities and their respective income tax bases, and operating loss and tax credit carryforwards. The Company establishes a valuation allowance if it is more likely than not that the deferred tax assets will not be recovered based on an evaluation of objective verifiable evidence. For tax positions that are more likely than not of being sustained upon audit, the Company recognizes the largest amount of the benefit that is greater than 50% likely of being realized. For tax positions that are not more likely than not of being sustained upon audit, the Company does not recognize any portion of the benefit.

ALPHA-EN CORPORATION
NOTES TO CONDENSED CONSOLIDATED FINANCIAL STATEMENTS
(Unaudited)

Loss Per Share

Basic loss per share of common stock is computed by dividing net loss applicable to common stockholders by the weighted average number of shares of common stock outstanding for the period. Diluted loss per share excludes the potential impact of common stock options, unvested shares of restricted stock and outstanding common stock purchase warrants because their effect would be anti-dilutive.

Securities that could potentially dilute loss per share in the future that were not included in the computation of diluted loss per share at March 31, 2016 and 2015 are as follows:

	As of March 31,	
	2016	2015
Warrants to purchase common stock	2,025,000	150,000
Options to purchase common stock	4,170,000	2,670,000
Total	6,195,000	2,820,000

Non-Controlling Interests

Non-controlling interests in consolidated entities represent the component of equity in consolidated entities held by third parties. Any change in ownership of a subsidiary while the controlling financial interest is retained is accounted for as an equity transaction between the controlling and non-controlling interests.

Recent Accounting Pronouncements

In February 2016, the FASB issued ASU 2016-02, *Leases (Topic 842)* (“ASU 2016-02”). ASU 2016-02 requires an entity to recognize right-of-use assets and lease liabilities on its balance sheet and disclose key information about leasing arrangements. Lessees and lessors are required to disclose qualitative and quantitative information about leasing arrangements to enable a user of the financial statements to assess the amount, timing and uncertainty of cash flows arising from leases. ASU 2016-02 is effective for fiscal years, and interim periods within those years, beginning after December 15, 2018. Early adoption is permitted. The Company is currently in the process of evaluating the impact of adoption of ASU 2016-02 on the consolidated financial statements and related disclosures.

In March 2016, the FASB issued ASU No. 2016-09, *Compensation-Stock Compensation (Topic 718), Improvements to Employee Share-Based Payment Accounting* (“ASU 2016-09”). Under ASU 2016-09, companies will no longer record excess tax benefits and certain tax deficiencies in additional paid-in capital (“APIC”). Instead, they will record all excess tax benefits and tax deficiencies as income tax expense or benefit in the income statement and the APIC pools will be eliminated. In addition, ASU 2016-09 eliminates the requirement that excess tax benefits be realized before companies can recognize them. ASU 2016-09 also requires companies to present excess tax benefits as an operating activity on the statement of cash flows rather than as a financing activity. Furthermore, ASU 2016-09 will increase the amount an employer can withhold to cover income taxes on awards and still qualify for the exception to liability classification for shares used to satisfy the employer’s statutory income tax withholding obligation. An employer with a statutory income tax withholding obligation will now be allowed to withhold shares with a fair value up to the amount of taxes owed using the maximum statutory tax rate in the employee’s applicable jurisdiction(s). ASU 2016-09 requires a company to classify the cash paid to a tax authority when shares are withheld to satisfy its statutory income tax withholding obligation as a financing activity on the statement of cash flows. Under current GAAP, it was not specified how these cash flows should be classified. In addition, companies will now have to elect whether to account for forfeitures on share-based payments by (1) recognizing forfeitures of awards as they occur or (2) estimating the number of awards expected to be forfeited and adjusting the estimate when it is likely to change, as is currently required. These aspects of ASU 2016-09 are effective for reporting periods beginning after December 15, 2016, with early adoption permitted provided that all of the guidance is

adopted in the same period. The Company is currently evaluating the impact of ASU 2016-09 on the consolidated financial statements and related disclosures.

In August 2016, the FASB issued ASU No. 2016-15, *Statement of Cash Flows - Classification of Certain Cash Receipts and Cash Payments*, which addresses eight specific cash flow issues with the objective of reducing the existing diversity in practice in how certain cash receipts and cash payments are presented and classified in the statement of cash flows. The standard is effective for fiscal years beginning after December 15, 2017, including interim periods within those fiscal years. Early adoption is permitted, including adoption in an interim period. The Company is currently evaluating the impact of this new pronouncement on its consolidated statements of cash flows.

ALPHA-EN CORPORATION
NOTES TO CONDENSED CONSOLIDATED FINANCIAL STATEMENTS
(Unaudited)

Note 4 – Property and Equipment

The components of property and equipment as of March 31, 2016 and December 31, 2015, at cost are (dollars in thousands):

<i>(\$ in thousands)</i>	Useful Life (Years)	March 31, 2016	December 31, 2015
Lab equipment	3	2	2
Office furniture and equipment	3	4	-
Leasehold improvement		31	-
Gross property and equipment		37	2
Less: Accumulated depreciation		(1)	-
Property and equipment, net		<u>\$ 36</u>	<u>\$ 2</u>

The Company's depreciation expense for the three months ended March 31, 2016 and 2015 was \$1,000 and \$0, respectively.

Note 5 – Related Party Transactions

Advances from Stockholders

From time to time, stockholders of the Company advance funds to the Company for working capital purposes. Those advances are unsecured, non-interest bearing and due on demand.

As of March 31, 2016 and December 31, 2015, the outstanding amount of the advances from related parties was approximately \$92,000 and \$62,000, respectively. During the three months ended March 31, 2016, advances from related parties was \$50,000 and the Company repaid \$20,000 to related parties.

Free Office Space

The Company has been provided office space by its Executive Chairman of the Board at no cost. The management determined that such cost is nominal and did not recognize the rent expense in its financial statements.

Restricted Stock Grant to Chief Executive Officer and Associated Withholding Payments

During three months ended March 31, 2016, Steven M. Fludder, Chief Executive Officer, paid the Company a withholding tax obligation of \$198,000 related to the grant of restricted stock in 2015.

Note 6 – Stockholders' Equity

Adjustment to Outstanding Shares and Options

In the consolidated financial statements for the years ended December 31, 2015 and 2014 filed with the SEC, the Company incorrectly excluded 3.6 million shares of common stock and 150,000 non-employee stock options, of which 75,000 were vested, in the calculation of basic and diluted earnings per share, weighted average and number of common shares outstanding. Given the net loss in 2014 and 2015, the excluded stock options had no impact earnings per share as their effect, if included, would have been anti-dilutive. In addition, the exclusion of 3.6 million shares of common stock also did not have a material effect on earnings per share. As a result, net loss per common share outstanding, basic and diluted, weighted average and the number of common shares outstanding were misstated by an amount that the Company

has determined to be immaterial. The exclusion of such shares does not affect total stockholders' equity or net loss.

The following table provides a comparison between the previously filed numbers and the numbers after the correction as of December, 31(in thousands, except share):

	Previous Filings		After Correction of Error	
	2015	2014	2015	2014
Total shares outstanding	28,649,497	26,699,497	32,235,525	30,285,525
Common stock	\$ 286	\$ 267	\$ 322	\$ 303
Additional paid-in capital	\$ 10,741	\$ 8,130	\$ 10,705	\$ 8,094

ALPHA-EN CORPORATION
NOTES TO CONDENSED CONSOLIDATED FINANCIAL STATEMENTS
(Unaudited)

The following table provides a comparison between the previously filed numbers and the numbers after the correction for the years ended December, 31:

	Previous Filings		After Correction of Error	
	2015	2014	2015	2014
Net loss	\$ 1,792,000	\$ 47,000	\$ 1,792,000	\$ 47,000
Net loss per share	\$ (0.07)	\$ (0.00)	\$ (0.06)	\$ (0.00)
Weighted-average shares	27,263,059	26,394,554	30,849,087	29,980,582

In accordance with the SEC’s Staff Accounting Bulletin Nos. 99 (“SAB 99”), the Company evaluated this error and, based on an analysis of quantitative and qualitative factors, determined that the error was immaterial to the prior reporting periods affected. Therefore, as permitted by SAB 99, the Company corrected, in the current filing, the calculation of basic earnings per share and weighted average number of common shares outstanding as of December 31, 2015.

Common Stock

During three months ended March 31, 2016, the Company entered into six private placement offerings with six investors and issued 437,501 shares of its common stock and warrants to purchase 175,000 shares of common stock for \$280,000. The warrants have a 5-year term and an exercise price of \$0.97. The Company also issued 75,000 shares of its subsidiary, CLC, to a consultant for the service provided, and the shares were valued at \$1.00 per share.

As of March 31, 2016, there were warrants to purchase 2,025,000 shares of common stock issued and outstanding.

Stock Options

The grant date fair value of stock options granted during the three months ended March 31, 2016 was approximately \$223,000. The fair value of the Company’s common stock was based upon the publicly quoted price on the date that the final approval of the awards was obtained. The Company does not expect to pay dividends in the foreseeable future so therefore the expected dividend yield is 0%. The expected term for stock options granted with service conditions represents the average period the stock options are expected to remain outstanding and is based on the expected term calculated using the approach prescribed by the Securities and Exchange Commission’s Staff Accounting Bulletin for “plain vanilla” options. The expected term for stock options granted with performance and/or market conditions represents the estimated period estimated by management by which the performance conditions will be met. The Company obtained the risk-free interest rate from publicly available data published by the Federal Reserve. The Company uses a methodology in estimating its volatility percentage from a computation that was based on a comparison of average volatility rates of similar companies to a computation based on the standard deviation of the Company’s own underlying stock price’s daily logarithmic returns. The fair value of options granted in the three months ended March 31, 2016 was estimated using the following weighted-average assumptions:

	As of March 31, 2016
Exercise price	\$ 0.90
Expected stock price volatility	80%
Risk-free rate of interest	1.34%
Term (years)	4.6

A summary of option activity under the Company’s employee stock option plan for the three months ended March 31, 2016 is presented below:

	Number of Shares	Weighted Average Exercise Price	Total Intrinsic Value	Weighted Average Remaining Contractual Life (in years)
Outstanding as of December 31, 2015	1,050,000	\$ 0.27	\$ 757,000	5.1
Employee options granted	400,000	0.90	-	6.8
Outstanding as of March 31, 2016	1,450,000	\$ 0.44	\$ 1,271,000	5.4
Options vested and expected to vest as of March 31, 2016	1,450,000	\$ 0.44	\$ 1,271,000	5.4
Options vested and exercisable as of March 31, 2016	237,500	\$ 0.12	\$ 285,000	2.0

ALPHA-EN CORPORATION
NOTES TO CONDENSED CONSOLIDATED FINANCIAL STATEMENTS
(Unaudited)

Estimated future stock-based compensation expense relating to unvested employee stock options is approximately \$313,000 as of March 31, 2016 and will be amortized over 3.8 years.

A summary of activity of options granted to non-employees for the three months ended March 31, 2016 is presented below:

	Number of Shares	Weighted Average Exercise Price	Total Intrinsic Value	Weighted Average Remaining Contractual Life (in years)
Outstanding as of December 31, 2015 (as reported)	2,670,000	\$ 0.20	\$ 2,118,000	4.0
Adjustment to stock options	150,000	0.10	134,000	2.1
Outstanding as of December 31, 2015	2,820,000	\$ 0.19	\$ 2,252,000	3.9
Non-employee options exercised	(100,000)	0.11	-	-
Outstanding as of March 31, 2016	2,720,000	\$ 0.19	\$ 3,061,000	3.8
Options vested and expected to vest as of March 31, 2016	2,720,000	\$ 0.19	\$ 3,061,000	3.8
Options vested and exercisable as of March 31, 2016	995,000	\$ 0.19	\$ 1,126,000	3.9

Restricted Stock

A summary of the restricted stock award activity for the three months ended March 31, 2016 is as follows:

	Number of Units	Weighted Average Grant Date Fair Value
Nonvested at December 31, 2015	650,000	\$ 0.40
Vested	(650,000)	\$ 0.40
Nonvested at March 31, 2016	-	\$ -

Warrants

A summary of the status of the Company's outstanding warrants as of March 31, 2016 and changes during the three months ended March 31, 2016 is presented below:

	Number of Warrants	Weighted Average Exercise Price	Total Intrinsic Value	Weighted Average Remaining Contractual Life (in years)
Outstanding as of December 31, 2015	1,850,000	\$ 0.31	\$ 1,249,000	4.3
Issued	175,000	0.97	61,000	4.9
Outstanding as of March 31, 2016	2,025,000	\$ 0.37	\$ 1,921,000	4.1
Warrants exercisable as of March 31, 2016	2,025,000	\$ 0.37	\$ 1,921,000	4.1

Stock-based Compensation Expense

Stock-based compensation expense for the three months ended March 31, 2016 and 2015 was comprised of the following (dollars in thousands):

	For the Three Months Ended March	
	31	
	2016	2015
Employee restricted stock awards	\$ 136	\$ -
Employee stock option awards	31	3
Non-employee option awards	460	32
Total compensation expense	<u>\$ 627</u>	<u>\$ 35</u>

ALPHA-EN CORPORATION
NOTES TO CONDENSED CONSOLIDATED FINANCIAL STATEMENTS
(Unaudited)

Note 7 – Contingencies and Commitments

On March 22, 2016, the Company entered into a lease (the “Lease”) with Hudson View Building #3, LLC (the “Landlord”), for office and laboratory space located in Yonkers, New York (the “Leased Premise”). The Leased Premise consists of approximately 8,000 square feet. The Lease has a term of 87 months from the lease commencement date, which is the date upon which the Landlord has substantially completed certain interior leasehold improvements to the Leased Premise. The annual rent for the first year of the lease is approximately \$208,000, increasing by 1.5% on each anniversary of the lease commencement date. In the event of a termination of the Lease following a default by the Company, the Company will be obligated to pay the sum of the rent payable for the remainder of the Lease term.

The Company estimated the lease commencement date is in February, 2017. Contractual minimal lease payments are as follows (in thousands):

	2016	\$	-
	2017		139
	2018		210
	2019		213
	2020		217
Thereafter			744
Total		<u>\$</u>	<u>1,523</u>

On February 25, 2009, the Company was granted an exclusive, worldwide, transferable, perpetual license to use certain proprietary technology for the processing of lithium for use in batteries and other fields. Commencing in October 2010, working through a third party, the Company conducted a series of tests to determine if the process worked and, based on the results, initially believed that the process produced lithium, however it did not prove to be commercially feasible and research and development efforts involving this license were abandoned. In exchange for the license, the Company had certain financial, share issuance and royalty obligations if certain sale thresholds were met. However, since contractually agreed thresholds were not met and the technology was not used, the Company negotiated an amendment and release related to this license in November 2016. Pursuant to the amendment and release, and subject to certain contingencies set forth in the amendment and release, the third party will retain two million of the three million total shares from the original license and will forfeit the remaining one million shares. The two million shares to be retained by the third party will be subject to customary transfer restrictions for restricted shares. No effect has been given to this transaction in the accompanying financial statements.

Note 8 – Subsequent Events

The Company has evaluated all events that occurred after the balance sheet date through the date when the financial statements were issued to determine if they must be reported. The Management of the Company determined that the following reportable subsequent event(s) need to be disclosed:

In April 2016, the Company entered into a private placement offering with an investor and issued 117,188 shares of the Company’s common stock and 46,875 warrants for \$75,000. The warrants have a 5-year term and an exercise price of \$0.97.

In June 2016, the Company entered into a private placement offering with an investor and issued 100,000 shares of the Company’s common stock and 250,000 warrants for \$250,000. The warrants have a 5-year term and an exercise price of \$3.97. 100,000 shares issued in this offering is subjected to “price protection” for a twelve-month period. Specifically, in the event the Company issues to any person common stock or their equivalent at a lower price per share than \$2.50 (the “Lower Price”), the Company shall, simultaneously with the issuance of such shares, issued that investor a number of

additional common shares (the “Additional Shares”) necessary to cause the 100,000 purchased plus the Additional Shares to have a combined average cost per share equal to the Lower Price, provided that in no event shall the Additional Shares exceed 100,000 shares. The price protection featured was analyzed by the Company and the Company determined that such feature was not required to be bifurcated from the common stock and recorded as a derivative as the price protection feature is clearly and closely related to an equity host. In November 2016, the Lower Price was triggered and the Company became obligated to issue an additional 100,000 shares of common stock under the arrangement.

In August 2016, the Company entered into a private placement offering with an investor and issued 40,000 shares of the Company’s common stock and 100,000 warrants for \$100,000. The warrants have a 5-year term and an exercise price of \$2.94.

In August 2016, 221,875 warrants with a weighted average exercise price of \$0.97 were exercised for cash consideration of \$215,000. The investors were granted 221,875 additional warrants in August 2016 with a 5-year term and an exercise price of \$2.70 per share.

On November 1, 2016, the Company entered into an additional private placement offering with an investor and sold 100,000 shares of common stock and 250,000 warrants for \$100,000. The warrants have a 5-year term and an exercise price of \$1.16 per share.

ALPHA-EN CORPORATION
NOTES TO CONDENSED CONSOLIDATED FINANCIAL STATEMENTS
(Unaudited)

On February 25, 2009, the Company was granted an exclusive, worldwide, transferable, perpetual license to use certain proprietary technology for the processing of lithium for use in batteries and other fields by a third party. However, since contractually agreed thresholds were not met and the technology was not used, the Company negotiated an amendment and release related to this license in November 2016. Pursuant to the amendment and release, and subject to certain contingencies set forth in the amendment and release, the third party will retain two million of the three million total shares from the original license and will forfeit the remaining one million shares. The two million shares to be retained by the third party will be subject to customary transfer restrictions for restricted shares. No effect has been given to this transaction in the accompanying financial statements.

On December 6, 2016, the Company cancelled 210,000 shares and exchanged 210,000 shares into 210,000 options with an exercise price of \$1.08 and a 5-year term to a consultant who previously performed services prior to 2014. The consultant is related to George McKeegan, a Board member of the Company.

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

Organization and Operations

alpha-En Corporation (together with its subsidiaries, the "Company") was incorporated in Delaware on March 7, 1997.

On February 25, 2009, alpha-En Corporation was granted a license for an exclusive, worldwide, transferable, perpetual license to use certain proprietary technology for the processing of lithium for use in batteries. After much effort, it was determined the process was not commercially feasible and efforts surrounding this technology were abandoned in 2011. We have settled an amendment and release related to this license.

During 2011 to 2012, alpha-En Corporation devoted its resources to developing proprietary technology to produce highly pure lithium metal.

In 2013, alpha-En Corporation invented a new process for the production of highly pure lithium metal and associated products at room temperature and subsequently broadened its focus to develop products and processes derived from its new core proprietary technology, including battery components and compounds of lithium.

During the years 2013 to the present, alpha-En Corporation has been exclusively focused on developing its own technology for the production of highly pure lithium metal, from the bench scale through multiple demonstrations, with the end goal of commercialization. During this time, alpha-En Corporation has also been pursuing strategic partnerships both commercially and with research institutions.

In September 2014, alpha-En Corporation formed Clean Lithium Corporation ("CLC") under the laws of New York State with a nominal share capital of \$100,000. CLC was formed to hold certain of our intellectual property and to further develop and commercialize our technology. As of March 31, 2016, we owned approximately 91.0% of CLC's outstanding capital stock.

Three Months Ended March 31, 2016 Compared to Three Months Ended March 31, 2015

General and administrative expenses were approximately \$583,000 for the three months ended March 31, 2016 as compared to approximately \$28,000 for the three months ended March 31, 2015. The increase in general and administrative expenses mostly relates to increased stock based compensation which was approximately \$369,000 for the three months ended March 31, 2016 as compared to approximately \$20,000 for the three months ended March 31, 2015.

Legal and professional fees were approximately \$49,000 for the three months ended March 31, 2016 as compared to approximately \$7,000 for the three months ended March 31, 2015. The increase in legal and professional fees was due to accounting and legal services incurred in relation to the filing of our annual and quarterly financials.

Research and development expenses were approximately \$394,000 for the three months ended March 31, 2016 as compared to approximately \$28,000 for the three months ended March 31, 2015. The increase in research and development expenses mostly relates to increased stock based compensation which was approximately \$258,000 for the three months ended March 31, 2016 as compared to approximately \$15,000 for the three months ended March 31, 2015. Other increase in research and development expenses resulted from scaling up of our efforts to develop and demonstrate our technology.

Net loss attributable to non-controlling interest was approximately \$61,000 for the three months ended March 31, 2016 as compared to approximately \$1,000 for the three months ended March 31, 2015. The increase was partly due to the increase in the non-controlling interest's ownership percentage of CLC from 1.5% for the three months ended March 31, 2015 to 9.1% for the three months ended March 31, 2016 and partly due to the increased loss of CLC.

Going Concern

The Company's condensed consolidated financial statements have been prepared assuming that it will continue as a going

concern, which contemplates continuity of operations, realization of assets, and liquidation of liabilities in the normal course of business.

As reflected in the condensed consolidated financial statements, the Company had an accumulated deficit of approximately \$11.1 million and \$10.2 million at March 31, 2016 and December 31, 2015, respectively. A net loss of approximately \$965,000 and \$62,000, and approximately \$323,000 and \$95,000 net cash used in operating activities for the three months ended March 31, 2016 and 2015, respectively.

The Company is attempting to further develop the intellectual property associated with its technology; broaden its patent portfolio; scale up our production of various products; and begin generating revenue; however, the Company's cash position is not sufficient to support its daily operations. While the Company believes in the viability of its strategy and in its ability to raise additional funds by way of a public or private offering, there can be no assurances to that effect. The ability of the Company to continue as a going concern is dependent upon its ability to raise additional funds by way of a public or private offering and its ability to further develop its technology and generate sufficient revenue.

These factors raise substantial doubt about the Company's ability to continue as a going concern. The condensed consolidated financial statements do not include any adjustments related to the recoverability and classification of recorded asset amounts or the amounts and classification of liabilities that might be necessary should the Company be unable to continue as a going concern.

Liquidity and Capital Resources

As of March 31, 2016, we had working capital of approximately \$622,000 compared to approximately \$689,000 at December 31, 2015.

In April 2016, we entered into a private placement offering with an investor and issued 117,188 shares of our common stock and 46,875 warrants for \$75,000. The warrants have a 5-year term and an exercise price of \$0.97.

In June 2016, we entered into a private placement offering with an investor and issued 100,000 shares of our common stock and 250,000 warrants for \$250,000. The warrants have a 5-year term and an exercise price of \$3.97. 100,000 shares issued in this offering is subjected to "price protection" for a twelve-month period. Specifically, in the event we issue to any person common stock or their equivalent at a lower price per share than \$2.50 (the "Lower Price"), we shall, simultaneously with the issuance of such shares, issue that investor a number of additional common shares (the "Additional Shares") necessary to cause the 100,000 purchased plus the Additional Shares to have a combined average cost per share equal to the Lower Price, provided that in no event shall the Additional Shares exceed 100,000 shares. The price protection featured was analyzed by us and we determined that such feature was not required to be bifurcated from the common stock and recorded as a derivative as the price protection feature is clearly and closely related to an equity host. In November 2016, the Lower Price was triggered and we became obligated to issue an additional 100,000 shares of common stock under the arrangement.

In August 2016, we entered into a private placement offering with an investor and issued 40,000 shares of our common stock and 100,000 warrants for \$100,000. The warrants have a 5-year term and an exercise price of \$2.94.

On November 1, 2016, we entered into an additional private placement offering with an investor and sold 100,000 shares of common stock and 250,000 warrants for \$100,000. The warrants have a 5-year term and an exercise price of \$1.16 per share.

The table below sets forth selected cash flow data for the periods presented (dollars in thousands):

	Three Months Ended	
	March 31,	
	2016	2015
Net cash used in operating activities	\$ (323)	\$ (95)
Net cash used in investing activities	(35)	(2)
Net cash provided by financing activities	321	-
Net decrease in cash and cash equivalents	<u>\$ (37)</u>	<u>\$ (97)</u>

The success of our business plan during the next 12 months and beyond is contingent upon us generating sufficient revenue to cover our costs of operations, or upon us obtaining additional financing. We believe that our current capital resources are not sufficient to support our operations for the next 12 months. We intend to finance our operations through debt and/or equity financings. There can be no assurance that such additional financing will be available to us on acceptable terms, or at all. We intend to use all commercially-reasonable efforts at our disposal to raise sufficient capital to run our operations on a go forward basis.

Off Balance Sheet Arrangements

None

Commitments

On March 22, 2016, we entered into a lease (the "Lease") with Hudson View Building #3, LLC (the "Landlord"), for office and laboratory space located in Yonkers, New York (the "Leased Premise"). The Leased Premise consists of approximately 8,000 square feet. The Lease has a term of 87 months from the lease commencement date, which is the date upon which the Landlord has substantially completed certain interior leasehold improvements to the Leased Premise. The annual rent for the first year of the lease is approximately \$208,000, increasing by 1.5% on each anniversary of the lease commencement date. In the event of a termination of the Lease following a default by us, we will be obligated to pay the sum of the rent payable for the remainder of the Lease term.

We estimated the lease commencement date is in February, 2017. Contractual minimal lease payments are as follows (in thousands):

	2016	\$	-
	2017		139
	2018		210
	2019		213
	2020		217
	Thereafter		744
	Total	\$	<u>1,523</u>

Item 4. Controls and Procedures

Evaluation of Disclosure Controls and Procedures

We carried out an evaluation of the effectiveness of the design and operation of our disclosure controls and procedures (as defined in Exchange Act Rules 13a-15(e) and 15d-15(e)) as of March 31, 2016. This evaluation was carried out under the supervision and with the participation of our Principal Executive Officer, and our Principal Financial and Accounting Officer. Based upon that evaluation, our Chief Executive Officer and Principal Accounting Officer concluded that, as of March 31, 2016, our disclosure controls and procedures were ineffective as of the end of the period covered, due to the following material weaknesses which are indicative of many small companies with small staff: (i) inadequate segregation of duties and effective risk assessment; and (ii) insufficient written policies and procedures for accounting and financial reporting with respect to the requirements and application of both United States generally accepted accounting principles and Securities and Exchange Commission guidelines. Management anticipates that such disclosure controls and procedures will not be effective until the material weaknesses are remediated. We have added additional resources and expect to remediate the material weakness in our disclosure controls and procedures end of our fiscal quarter ending June 30, 2017.

Disclosure controls and procedures are controls and other procedures that are designed to ensure that information required to be disclosed in our reports filed or submitted under the Exchange Act are recorded, processed, summarized and reported, within the time periods specified in the SEC's rules and forms. Disclosure controls and procedures include, without limitation, controls and procedures designed to ensure that information required to be disclosed in our reports filed under the Exchange Act is accumulated and communicated to management, including our Principal Executive Officer, and Principal Financial and Accounting Officer, to allow timely decisions regarding required disclosure.

During the fiscal year 2016, we, together with our independent registered public accounting firm, identified material weaknesses in our internal control over financial reporting, as described below. A "material weakness" is a deficiency, or combination of deficiencies, in internal control over financial reporting, such that there is a reasonable possibility that a material misstatement of the company's annual or interim financial statements will not be prevented or detected on a timely basis. The material weaknesses in internal control over financial reporting resulted from operating deficiencies which are listed below. To remediate the material weaknesses, we are initiating controls and procedures to formally monitor new transactions and events that change our business so that we consider material impacts to our financial statements, including proper recording and disclosure of those transactions or events as well as documenting the related significant estimates and judgments made by management.

- There is a lack of accounting personnel with the requisite knowledge of Generally Accepted Accounting Principles in the U.S. ("GAAP") and the financial reporting requirements of the U.S. Securities and Exchange Commission;
- There are insufficient written policies and procedures to ensure the correct application of accounting and financial reporting with respect to the current requirements of GAAP and SEC disclosure requirements;

- Insufficient segregation of duties, oversight of work performed and lack of compensating controls in the Company's finance and accounting functions due to limited personnel;
- Inadequate controls surrounding related party transactions, to ensure that all material transactions and developments impacting the financial statements are reflected and properly recorded;
- Management has not performed a proper evaluation of 1) the disclosure controls and procedures and 2) internal control over financial reporting; and
- Inadequate controls over Company arrangements and contract management.

Changes in Internal Control over Financial Reporting

There was no change in our internal control over financial reporting during the three months ended March 31, 2016 that materially affected, or is reasonably likely to materially affect, our internal control over financial reporting.

PART II - OTHER INFORMATION

Item 1. Legal Proceedings

We are not currently involved in any litigation that we believe could have a material adverse effect on our financial condition and results of operations or cash flows.

Item 1A. Risk Factors.

There are no material changes to the risk factors in our most recent Annual Report on Form 10-K.

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

During three months ended March 31, 2016, the Company entered into six private placement offerings with six investors and issued 437,501 shares of its common stock and warrants to purchase 175,000 shares of common stock for \$280,000. The warrants have a 5-year term and an exercise price of \$0.97. The Company also issued 75,000 shares of its subsidiary, CLC, to a consultant for the service provided, and the shares were valued at \$1.00 per share. All of the foregoing issuances were exempt from registration requirements under Section 4(2) and/or Rule 506 of Regulation D of the Securities Act of 1933, as amended.

Item 3. Defaults upon Senior Securities.

None.

Item 4. Mine Safety Disclosures.

Not applicable.

Item 5. Other Information.

Not applicable.

Item 6. Exhibits

Exhibit Number	Description of Exhibit
31.1	Certification of Principal Executive Officer and Principal Financial Officer, as adopted pursuant to Section 302 of the Sarbanes-Oxley Act of 2002
32.1	Certification of Principal Executive Officer and Principal Financial Officer pursuant to 18 U.S.C. Section 1350, as adopted pursuant to Section 906 of the Sarbanes-Oxley Act of 2002
101.INS	XBRL Instance Document
101.SCH	XBRL Schema Document
101.CAL	XBRL Calculation Linkbase Document
101.DEF	XBRL Definition Linkbase Document
101.LAB	XBRL Label Linkbase Document
101.PRE	XBRL Presentation Linkbase Document

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.

alpha-En Corporation

Date: January 17, 2017

By: */s/ Jerome I. Feldman*

Jerome I. Feldman
Executive Chairman, Chief Financial Officer and
Treasurer
(principal financial and accounting officer)

0001493152-17-000559.txt : 20170117 0001493152-17-000559.hdr.shtml : 20170116 20170117172429 ACCESSION NUMBER: 0001493152-17-000559 CONFORMED SUBMISSION TYPE: 10-Q PUBLIC DOCUMENT COUNT: 53 CONFORMED PERIOD OF REPORT: 20160331 FILED AS OF DATE: 20170117 DATE AS OF CHANGE: 20170117 FILER: COMPANY DATA: COMPANY CONFORMED NAME: alpha-En Corp CENTRAL INDEX KEY: 0001023298 STANDARD INDUSTRIAL CLASSIFICATION: SERVICES-ALLIED TO MOTION PICTURE PRODUCTION [7819] IRS NUMBER: 954622429 STATE OF INCORPORATION: DE FISCAL YEAR END: 1231 FILING VALUES: FORM TYPE: 10-Q SEC ACT: 1934 Act SEC FILE NUMBER: 001-12885 FILM NUMBER: 17531537 BUSINESS ADDRESS: STREET 1: 10 WEST 66TH STREET CITY: NEW YORK STATE: NY ZIP: 10023 BUSINESS PHONE: 2127693814 MAIL ADDRESS: STREET 1: 10 WEST 66TH STREET CITY: NEW YORK STATE: NY ZIP: 10023 FORMER COMPANY: FORMER CONFORMED NAME: AVENUE ENTERTAINMENT GROUP INC /DE/ DATE OF NAME CHANGE: 19971103 10-Q 1 form10-q.htm

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

FORM 10-Q

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

FOR THE QUARTERLY PERIOD ENDED: MARCH 31, 2016

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: 000-12885

alpha-En Corporation

(Exact name of registrant as specified in its charter)

Delaware

(State or other jurisdiction of
incorporation or organization)

95-4622429

(I.R.S. Employer
Identification No.)

**120 White Plains Road, Suite 425, Tarrytown, New York 10591
(914) 418-2000**

(Address and telephone number of principal executive offices)

Indicate by check mark whether the issuer (1) filed all reports required to be filed by Section 13 or 15(d) of the Exchange Act during the past 12 months (or for such shorter period that the registrant was required to file such reports), and (2) has been subject to such filing requirements for the past 90 days. Yes [] No [X]

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 (or such shorter period that the registrant was required to submit and post such files). Yes [X] No []

Indicate by check mark whether the registrant is a large accelerated filer, an accelerated filer, a non-accelerated filer, or a

small reporting company. See definitions of “large accelerated filer,” “accelerated filer,” and “smaller reporting company” in Rule 12b-2 of the Exchange Act. (Check one):

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

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

As of January 5, 2017, there were 32,892,089 shares of common stock outstanding.

EXPLANATORY NOTE

We are filing this report on Form 10-Q in order to become current in our filing obligations under the Securities Exchange Act of 1934, as amended, or the Exchange Act, and additional filings subsequent to this Form 10-Q will be required before we become current with such obligations. We are a technology company in the developmental stage and we were unable to file our periodic reports primarily due to our inability to generate net income from operations and our limited working capital. As a result, the Company was unable (i) to maintain an adequate financial staff, and (ii) to retain the necessary advisors to prepare and complete the financial reports required by the Exchange Act and the rules and regulations of the SEC.

Due to these constraints, we were unable to prepare and timely file the required reports with the SEC under the Exchange Act. This Form 10-Q should be read together and in connection with the other reports filed by us with the SEC for a comprehensive description of our current financial condition and operating results. In the interest of complete and accurate disclosure, we have included current information in this Form 10-Q for certain material events and developments that have taken place through the date of the filing of this Form 10-Q.

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PART I. FINANCIAL INFORMATION

Item 1. Financial Statements

ALPHA-EN CORPORATION
CONDENSED CONSOLIDATED BALANCE SHEETS
(in thousands, except share and per share data)
(Unaudited)

	March 31, 2016	December 31, 2015
ASSETS		
Current assets		
Cash	\$ 693	\$ 730
Prepaid expenses	340	301
Due from related party	-	61
Total current assets	1,033	1,092
Property and equipment, net	36	2
Total assets	\$ 1,069	\$ 1,094
LIABILITIES AND STOCKHOLDERS' EQUITY		
Current liabilities		
Accounts payable and accrued expenses	\$ 319	\$ 341
Advances from related parties	92	62
Total current liabilities	411	403
Total liabilities	411	403
COMMITMENTS AND CONTINGENCIES		
Stockholders' equity:		
Preferred stock par value \$0.01: 2,000,000 shares authorized; none issued or outstanding	-	-
Class B common stock no par value: 1,000,000 shares authorized; none issued or outstanding	-	-
Common stock par value \$0.01: 35,000,000 shares authorized; 33,423,026 and 32,235,525 shares issued and outstanding as of March 31, 2016 and December 31, 2015, respectively	334	322
Additional paid-in capital	11,692	10,705
Treasury stock at cost: 714,750 shares as of March 31, 2016 and December 31, 2015	(69)	(69)
Accumulated deficit	(11,134)	(10,169)
Shareholders' equity attributed to alpha-En Corporation stockholders	823	789
Non-controlling interest	(165)	(98)
Total stockholders' equity	658	691
TOTAL LIABILITIES AND STOCKHOLDERS' EQUITY	\$ 1,069	\$ 1,094

See notes to condensed consolidated financial statements.

ALPHA-EN CORPORATION
CONDENSED CONSOLIDATED STATEMENTS OF OPERATIONS
(in thousands, except share and per share data)
(Unaudited)

	For the Three Months Ended March 31,	
	2016	2015
Operating expenses		
General and administrative	\$ 583	\$ 28
Legal and professional fees	49	7
Research and development	394	28
Total operating expenses	<u>1,026</u>	<u>63</u>
Net loss	(1,026)	(63)
Less: net loss attributable to non-controlling interest	(61)	(1)
Net loss attributable to alpha-En Corporation	<u>\$ (965)</u>	<u>\$ (62)</u>
Net loss per share attributable to alpha-En Corporation common stockholders		
Basic and diluted	<u>\$ (0.03)</u>	<u>\$ (0.00)</u>
Weighted average shares outstanding:		
Basic and diluted	<u>32,448,987</u>	<u>30,285,525</u>

See notes to condensed consolidated financial statements.

ALPHA-EN CORPORATION
CONDENSED CONSOLIDATED STATEMENT OF STOCKHOLDERS' EQUITY
(in thousands, except share and per share data)
(Unaudited)

	<u>Common Stock</u>		<u>Additional</u>	<u>Treasury Stock</u>		<u>Accumulated</u>	<u>Noncontrolling</u>	<u>Total</u>
	<u>Shares</u>	<u>Amount</u>	<u>Paid-In Capital</u>	<u>Shares</u>	<u>Amount</u>	<u>Deficit</u>	<u>Interest</u>	<u>Equity</u>
Balance at December 31, 2015 (as previously reported)	28,649,497	286	10,741	714,750	(69)	(10,169)	(98)	691
Correction to outstanding shares (See Note 6)	3,586,028	36	(36)	-	-	-	-	-
Balance at December 31, 2015 (as adjusted)	32,235,525	322	10,705	714,750	(69)	(10,169)	(98)	691
Stock based compensation	-	-	627	-	-	-	-	627
Issuance of restricted stock to employee	650,000	7	(7)	-	-	-	-	-
Options exercised for cash	100,000	1	10	-	-	-	-	11
Issuance of common stock and warrants in a private placement	437,501	4	276	-	-	-	-	280
Issuance of subsidiary common stock for service	-	-	81	-	-	-	(6)	75
Net loss	-	-	-	-	-	(965)	(61)	(1,026)
Balance at March 31, 2016	33,423,026	\$ 334	\$ 11,692	714,750	\$ (69)	\$ (11,134)	\$ (165)	\$ 658

See notes to condensed consolidated financial statements.

ALPHA-EN CORPORATION
CONDENSED CONSOLIDATED STATEMENTS OF CASH FLOWS
(in thousands)
(Unaudited)

	For the Three Months Ended March 31,	
	2016	2015
Cash flows from operating activities		
Net loss	\$ (1,026)	\$ (63)
Adjustments to reconcile net loss to net cash used in operating activities:		
Depreciation and amortization	1	-
Stock-based compensation	627	35
Issuance of subsidiary common stock for service	75	-
Changes in operating assets and liabilities of business:		
Prepaid expenses	(39)	(69)
Due from related parties	61	-
Accounts payable and accrued expenses	(22)	2
Net cash used in operating activities	<u>(323)</u>	<u>(95)</u>
Cash flows from investing activities		
Purchase of fixed assets	<u>(35)</u>	<u>(2)</u>
Net cash used in investing activities	(35)	(2)
Cash flows from financing activities		
Options exercised for cash	11	-
Proceeds from issuance of common stock and warrants in private placement	280	-
Advances from related parties	50	-
Repayments of advances from related parties	<u>(20)</u>	<u>-</u>
Net cash provided by financing activities	321	-
Net decrease in cash	(37)	(97)
Cash at beginning of period	<u>730</u>	<u>103</u>
Cash at end of period	<u>\$ 693</u>	<u>\$ 6</u>

See notes to condensed consolidated financial statements.

ALPHA-EN CORPORATION
NOTES TO CONDENSED CONSOLIDATED FINANCIAL STATEMENTS
(Unaudited)

Note 1 - Organization and Operations

alpha-En Corporation (together with its subsidiaries, the “Company”) was incorporated in Delaware on March 7, 1997.

On February 25, 2009, alpha-En Corporation was granted a license for an exclusive, worldwide, transferable, perpetual license to use certain proprietary technology for the processing of lithium for use in batteries. After much effort, it was determined the process was not commercially feasible and efforts surrounding this technology were abandoned in 2011. The Company has settled an amendment and release related to this license. (See Note 7)

During 2011 and 2012, alpha-En Corporation devoted its resources to developing proprietary technology to produce highly pure lithium metal.

In 2013, alpha-En Corporation invented a new process for the production of highly pure lithium metal and associated products at room temperature and subsequently broadened its focus to develop products and processes derived from its new core proprietary technology, including battery components and compounds of lithium.

During the period from 2013 to the present, alpha-En Corporation has been exclusively focused on developing its own technology for the production of highly pure lithium metal, from the bench scale through multiple demonstrations, with the end goal of commercialization. During this time, alpha-En Corporation has also been pursuing strategic partnerships both commercially and with research institutions.

Formation of Majority-Owned Subsidiary

In September 2014, alpha-En Corporation formed Clean Lithium Corporation (“CLC”) under the laws of New York State as a wholly owned subsidiary with a nominal share capital of \$100,000.

Following the sale of CLC’s shares, the ownership is as follows:

<u>Stockholder</u>	<u>Shares</u>	<u>Percentage</u>
alpha-En Corporation	9,095,000	90.95%
Non-controlling interests	905,000	9.05%
Total:	<u>10,000,000</u>	<u>100.00%</u>

Note 2 – Going Concern and Liquidity

The Company has elected to adopt early application of Accounting Standards Update No. 2014-15, “*Presentation of Financial Statements—Going Concern (Subtopic 205-40): Disclosure of Uncertainties about an Entity’s Ability to Continue as a Going Concern (“ASU 2014-15”)*”.

The Company’s condensed consolidated financial statements have been prepared assuming that it will continue as a going concern, which contemplates continuity of operations, realization of assets, and liquidation of liabilities in the normal course of business.

As reflected in the condensed consolidated financial statements, the Company had an accumulated deficit of approximately \$11.1 million and \$10.2 million at March 31, 2016 and December 31, 2015, respectively. A net loss of approximately \$965,000 and \$62,000, and approximately \$323,000 and \$95,000 net cash used in operating activities for the three months ended March 31, 2016 and 2015, respectively.

The Company is attempting to further develop the intellectual property associated with its technology; broaden its patent

portfolio; scale up our production of various products; and begin generating revenue; however, the Company's cash position is not sufficient to support its daily operations. While the Company believes in the viability of its strategy and in its ability to raise additional funds by way of a public or private offering, there can be no assurances to that effect. The ability of the Company to continue as a going concern is dependent upon its ability to raise additional funds by way of a public or private offering and its ability to further develop its technology and generate sufficient revenue.

These factors raise substantial doubt about the Company's ability to continue as a going concern. The condensed consolidated financial statements do not include any adjustments related to the recoverability and classification of recorded asset amounts or the amounts and classification of liabilities that might be necessary should the Company be unable to continue as a going concern.

ALPHA-EN CORPORATION
NOTES TO CONDENSED CONSOLIDATED FINANCIAL STATEMENTS
(Unaudited)

Note 3 - Significant and Critical Accounting Policies and Practices

Basis of Presentation and Principles of Consolidation

The accompanying unaudited condensed consolidated financial statements include the accounts of the Company and its subsidiaries. For consolidated entities where the Company owns less than 100% of the subsidiary, the Company records net income (loss) attributable to non-controlling interests in its condensed consolidated statements of operations equal to the percentage of the economic or ownership interest retained in such entities by the respective non-controlling parties.

The unaudited condensed consolidated financial statements have been prepared by the Company pursuant to the rules and regulations of the Securities and Exchange Commission (the "SEC") and reflect all adjustments (consisting of normal recurring adjustments unless otherwise indicated) which, in the opinion of management, are necessary for a fair presentation of the results for the interim periods presented.

Certain information in footnote disclosures normally included in the financial statements prepared in conformity with accounting principles generally accepted in the United States of America have been condensed or omitted pursuant to the SEC rules and regulations for interim reporting. The financial results for the periods presented may not be indicative of the full year's results.

These unaudited condensed consolidated financial statements should be read in conjunction with the Company's audited consolidated financial statements and the notes thereto for the fiscal year ended December 31, 2015 included in the Company's Annual Report on Form 10-K filed on October 20, 2016.

The Company's unaudited condensed consolidated financial statements include the accounts of the Company and its subsidiaries. All intercompany balances and transactions have been eliminated.

Use of Estimates

The Company's unaudited condensed consolidated financial statements include certain amounts that are based on management's best estimates and judgments. The Company's significant estimates include, but are not limited to, useful lives assigned to long-lived assets, fair value measurements, stock-based compensation, accrued expenses, provisions for income taxes and contingencies. Due to the uncertainty inherent in such estimates, actual results may differ from these estimates.

Fair Value Measurements

Accounts Payable and Accrued Expenses. The carrying amounts of accounts payable and accrued expenses approximate fair value as these accounts are largely current and short term in nature.

Cash

As of March 31, 2016 and December 31, 2015, substantially all of the Company's cash was held at major financial institutions and the balance at certain accounts may exceed the maximum amount insured by the Federal Deposit Insurance Corporation. However, the Company has not experienced losses on these accounts and management believes that the Company is not exposed to significant risks on such accounts.

Property and Equipment

Office equipment is recorded at cost and depreciated using the straight-line method over the estimated useful life of each asset, generally three years.

ALPHA-EN CORPORATION
NOTES TO CONDENSED CONSOLIDATED FINANCIAL STATEMENTS
(Unaudited)

Impairment of Long-Lived Assets

The Company reviews long-lived assets, including property and equipment, for impairment whenever events or changes in business circumstances indicate that the carrying amount of the assets may not be fully recoverable. Factors that the Company considers in deciding when to perform an impairment review include significant underperformance of the business in relation to expectations, significant negative industry or economic trends, and significant changes or planned changes in the use of the assets. If an impairment review is performed to evaluate a long-lived asset for recoverability, the Company compares forecasts of undiscounted cash flows expected to result from the use and eventual disposition of the long-lived asset to its carrying value. An impairment loss would be recognized when estimated undiscounted future cash flows expected to result from the use of an asset are less than its carrying amount. The impairment loss would be based on the excess of the carrying value of the impaired asset over its fair value. There was no impairment of long lived assets during the quarter ended March 31, 2016.

Research and Development

Research and development costs are expensed as incurred. Advance payments for goods and services that will be used in future research and development activities are expensed when the activity has been performed or when the goods have been received rather than when the payment is made. Upfront and milestone payments due to third parties that perform research and development services on the Company's behalf will be expensed as services are rendered or when the milestone is achieved.

Research and development costs primarily consist of personnel related expenses, including salaries, benefits, travel, and other related expenses, stock-based compensation, payments made to third parties for license and milestone costs related to in-licensed products and technology, payments made to third party contract research organizations, consultants, the cost of acquiring and manufacturing clinical trial materials, and costs associated with regulatory filings, laboratory costs and other supplies.

In accordance with ASC 730-10-25-1, *Research and Development*, costs incurred in obtaining technology licenses are charged to research and development expense if the technology licensed has not reached commercial feasibility and has no alternative future use. Certain licenses purchased by the Company require substantial completion of research and development and regulatory and marketing approval efforts in order to reach commercial feasibility and have no alternative future use.

Contingencies

The Company records accruals for contingencies and legal proceedings expected to be incurred in connection with a loss contingency when it is probable that a liability has been incurred and the amount can be reasonably estimated.

If a loss contingency is not probable but is reasonably possible, or is probable but cannot be estimated, the nature of the contingent liability, together with an estimate of the range of possible loss if determinable and material, would be disclosed.

Stock-Based Compensation

The Company expenses stock-based compensation to employees over the requisite service period based on the estimated grant-date fair value of the awards and forfeiture rates. For stock-based compensation awards to non-employees, the Company remeasures the fair value of the non-employee awards at each reporting period prior to vesting and finally at the vesting date of the award. Changes in the estimated fair value of these non-employee awards are recognized as compensation expense in the period of change.

The Company estimates the fair value of stock options grants using the Black-Scholes option pricing model and the assumptions used in calculating the fair value of stock-based awards represent management's best estimates and involve inherent uncertainties and the application of management's judgment.

Income Taxes

The Company records income taxes using the asset and liability method. Deferred income tax assets and liabilities are recognized for the future tax effects attributable to temporary differences between the financial statement carrying amounts of existing assets and liabilities and their respective income tax bases, and operating loss and tax credit carryforwards. The Company establishes a valuation allowance if it is more likely than not that the deferred tax assets will not be recovered based on an evaluation of objective verifiable evidence. For tax positions that are more likely than not of being sustained upon audit, the Company recognizes the largest amount of the benefit that is greater than 50% likely of being realized. For tax positions that are not more likely than not of being sustained upon audit, the Company does not recognize any portion of the benefit.

ALPHA-EN CORPORATION
NOTES TO CONDENSED CONSOLIDATED FINANCIAL STATEMENTS
(Unaudited)

Loss Per Share

Basic loss per share of common stock is computed by dividing net loss applicable to common stockholders by the weighted average number of shares of common stock outstanding for the period. Diluted loss per share excludes the potential impact of common stock options, unvested shares of restricted stock and outstanding common stock purchase warrants because their effect would be anti-dilutive.

Securities that could potentially dilute loss per share in the future that were not included in the computation of diluted loss per share at March 31, 2016 and 2015 are as follows:

	As of March 31,	
	2016	2015
Warrants to purchase common stock	2,025,000	150,000
Options to purchase common stock	4,170,000	2,670,000
Total	6,195,000	2,820,000

Non-Controlling Interests

Non-controlling interests in consolidated entities represent the component of equity in consolidated entities held by third parties. Any change in ownership of a subsidiary while the controlling financial interest is retained is accounted for as an equity transaction between the controlling and non-controlling interests.

Recent Accounting Pronouncements

In February 2016, the FASB issued ASU 2016-02, *Leases (Topic 842)* (“ASU 2016-02”). ASU 2016-02 requires an entity to recognize right-of-use assets and lease liabilities on its balance sheet and disclose key information about leasing arrangements. Lessees and lessors are required to disclose qualitative and quantitative information about leasing arrangements to enable a user of the financial statements to assess the amount, timing and uncertainty of cash flows arising from leases. ASU 2016-02 is effective for fiscal years, and interim periods within those years, beginning after December 15, 2018. Early adoption is permitted. The Company is currently in the process of evaluating the impact of adoption of ASU 2016-02 on the consolidated financial statements and related disclosures.

In March 2016, the FASB issued ASU No. 2016-09, *Compensation-Stock Compensation (Topic 718), Improvements to Employee Share-Based Payment Accounting* (“ASU 2016-09”). Under ASU 2016-09, companies will no longer record excess tax benefits and certain tax deficiencies in additional paid-in capital (“APIC”). Instead, they will record all excess tax benefits and tax deficiencies as income tax expense or benefit in the income statement and the APIC pools will be eliminated. In addition, ASU 2016-09 eliminates the requirement that excess tax benefits be realized before companies can recognize them. ASU 2016-09 also requires companies to present excess tax benefits as an operating activity on the statement of cash flows rather than as a financing activity. Furthermore, ASU 2016-09 will increase the amount an employer can withhold to cover income taxes on awards and still qualify for the exception to liability classification for shares used to satisfy the employer’s statutory income tax withholding obligation. An employer with a statutory income tax withholding obligation will now be allowed to withhold shares with a fair value up to the amount of taxes owed using the maximum statutory tax rate in the employee’s applicable jurisdiction(s). ASU 2016-09 requires a company to classify the cash paid to a tax authority when shares are withheld to satisfy its statutory income tax withholding obligation as a financing activity on the statement of cash flows. Under current GAAP, it was not specified how these cash flows should be classified. In addition, companies will now have to elect whether to account for forfeitures on share-based payments by (1) recognizing forfeitures of awards as they occur or (2) estimating the number of awards expected to be forfeited and adjusting the estimate when it is likely to change, as is currently required. These aspects of ASU 2016-09 are effective for reporting periods beginning after December 15, 2016, with early adoption permitted provided that all of the guidance is

adopted in the same period. The Company is currently evaluating the impact of ASU 2016-09 on the consolidated financial statements and related disclosures.

In August 2016, the FASB issued ASU No. 2016-15, *Statement of Cash Flows - Classification of Certain Cash Receipts and Cash Payments*, which addresses eight specific cash flow issues with the objective of reducing the existing diversity in practice in how certain cash receipts and cash payments are presented and classified in the statement of cash flows. The standard is effective for fiscal years beginning after December 15, 2017, including interim periods within those fiscal years. Early adoption is permitted, including adoption in an interim period. The Company is currently evaluating the impact of this new pronouncement on its consolidated statements of cash flows.

ALPHA-EN CORPORATION
NOTES TO CONDENSED CONSOLIDATED FINANCIAL STATEMENTS
(Unaudited)

Note 4 – Property and Equipment

The components of property and equipment as of March 31, 2016 and December 31, 2015, at cost are (dollars in thousands):

<i>(\$ in thousands)</i>	Useful Life (Years)	March 31, 2016	December 31, 2015
Lab equipment	3	2	2
Office furniture and equipment	3	4	-
Leasehold improvement		31	-
Gross property and equipment		37	2
Less: Accumulated depreciation		(1)	-
Property and equipment, net		<u>\$ 36</u>	<u>\$ 2</u>

The Company's depreciation expense for the three months ended March 31, 2016 and 2015 was \$1,000 and \$0, respectively.

Note 5 – Related Party Transactions

Advances from Stockholders

From time to time, stockholders of the Company advance funds to the Company for working capital purposes. Those advances are unsecured, non-interest bearing and due on demand.

As of March 31, 2016 and December 31, 2015, the outstanding amount of the advances from related parties was approximately \$92,000 and \$62,000, respectively. During the three months ended March 31, 2016, advances from related parties was \$50,000 and the Company repaid \$20,000 to related parties.

Free Office Space

The Company has been provided office space by its Executive Chairman of the Board at no cost. The management determined that such cost is nominal and did not recognize the rent expense in its financial statements.

Restricted Stock Grant to Chief Executive Officer and Associated Withholding Payments

During three months ended March 31, 2016, Steven M. Fludder, Chief Executive Officer, paid the Company a withholding tax obligation of \$198,000 related to the grant of restricted stock in 2015.

Note 6 – Stockholders' Equity

Adjustment to Outstanding Shares and Options

In the consolidated financial statements for the years ended December 31, 2015 and 2014 filed with the SEC, the Company incorrectly excluded 3.6 million shares of common stock and 150,000 non-employee stock options, of which 75,000 were vested, in the calculation of basic and diluted earnings per share, weighted average and number of common shares outstanding. Given the net loss in 2014 and 2015, the excluded stock options had no impact earnings per share as their effect, if included, would have been anti-dilutive. In addition, the exclusion of 3.6 million shares of common stock also did not have a material effect on earnings per share. As a result, net loss per common share outstanding, basic and diluted, weighted average and the number of common shares outstanding were misstated by an amount that the Company

has determined to be immaterial. The exclusion of such shares does not affect total stockholders' equity or net loss.

The following table provides a comparison between the previously filed numbers and the numbers after the correction as of December, 31(in thousands, except share):

	<u>Previous Filings</u>		<u>After Correction of Error</u>	
	<u>2015</u>	<u>2014</u>	<u>2015</u>	<u>2014</u>
Total shares outstanding	28,649,497	26,699,497	32,235,525	30,285,525
Common stock	\$ 286	\$ 267	\$ 322	\$ 303
Additional paid-in capital	\$ 10,741	\$ 8,130	\$ 10,705	\$ 8,094

ALPHA-EN CORPORATION
NOTES TO CONDENSED CONSOLIDATED FINANCIAL STATEMENTS
(Unaudited)

The following table provides a comparison between the previously filed numbers and the numbers after the correction for the years ended December, 31:

	Previous Filings		After Correction of Error	
	2015	2014	2015	2014
Net loss	\$ 1,792,000	\$ 47,000	\$ 1,792,000	\$ 47,000
Net loss per share	\$ (0.07)	\$ (0.00)	\$ (0.06)	\$ (0.00)
Weighted-average shares	27,263,059	26,394,554	30,849,087	29,980,582

In accordance with the SEC’s Staff Accounting Bulletin Nos. 99 (“SAB 99”), the Company evaluated this error and, based on an analysis of quantitative and qualitative factors, determined that the error was immaterial to the prior reporting periods affected. Therefore, as permitted by SAB 99, the Company corrected, in the current filing, the calculation of basic earnings per share and weighted average number of common shares outstanding as of December 31, 2015.

Common Stock

During three months ended March 31, 2016, the Company entered into six private placement offerings with six investors and issued 437,501 shares of its common stock and warrants to purchase 175,000 shares of common stock for \$280,000. The warrants have a 5-year term and an exercise price of \$0.97. The Company also issued 75,000 shares of its subsidiary, CLC, to a consultant for the service provided, and the shares were valued at \$1.00 per share.

As of March 31, 2016, there were warrants to purchase 2,025,000 shares of common stock issued and outstanding.

Stock Options

The grant date fair value of stock options granted during the three months ended March 31, 2016 was approximately \$223,000. The fair value of the Company’s common stock was based upon the publicly quoted price on the date that the final approval of the awards was obtained. The Company does not expect to pay dividends in the foreseeable future so therefore the expected dividend yield is 0%. The expected term for stock options granted with service conditions represents the average period the stock options are expected to remain outstanding and is based on the expected term calculated using the approach prescribed by the Securities and Exchange Commission’s Staff Accounting Bulletin for “plain vanilla” options. The expected term for stock options granted with performance and/or market conditions represents the estimated period estimated by management by which the performance conditions will be met. The Company obtained the risk-free interest rate from publicly available data published by the Federal Reserve. The Company uses a methodology in estimating its volatility percentage from a computation that was based on a comparison of average volatility rates of similar companies to a computation based on the standard deviation of the Company’s own underlying stock price’s daily logarithmic returns. The fair value of options granted in the three months ended March 31, 2016 was estimated using the following weighted-average assumptions:

	As of March 31, 2016
Exercise price	\$ 0.90
Expected stock price volatility	80%
Risk-free rate of interest	1.34%
Term (years)	4.6

A summary of option activity under the Company’s employee stock option plan for the three months ended March 31, 2016 is presented below:

	Number of Shares	Weighted Average Exercise Price	Total Intrinsic Value	Weighted Average Remaining Contractual Life (in years)
Outstanding as of December 31, 2015	1,050,000	\$ 0.27	\$ 757,000	5.1
Employee options granted	400,000	0.90	-	6.8
Outstanding as of March 31, 2016	1,450,000	\$ 0.44	\$ 1,271,000	5.4
Options vested and expected to vest as of March 31, 2016	1,450,000	\$ 0.44	\$ 1,271,000	5.4
Options vested and exercisable as of March 31, 2016	237,500	\$ 0.12	\$ 285,000	2.0

ALPHA-EN CORPORATION
NOTES TO CONDENSED CONSOLIDATED FINANCIAL STATEMENTS
(Unaudited)

Estimated future stock-based compensation expense relating to unvested employee stock options is approximately \$313,000 as of March 31, 2016 and will be amortized over 3.8 years.

A summary of activity of options granted to non-employees for the three months ended March 31, 2016 is presented below:

	Number of Shares	Weighted Average Exercise Price	Total Intrinsic Value	Weighted Average Remaining Contractual Life (in years)
Outstanding as of December 31, 2015 (as reported)	2,670,000	\$ 0.20	\$ 2,118,000	4.0
Adjustment to stock options	150,000	0.10	134,000	2.1
Outstanding as of December 31, 2015	2,820,000	\$ 0.19	\$ 2,252,000	3.9
Non-employee options exercised	(100,000)	0.11	-	-
Outstanding as of March 31, 2016	2,720,000	\$ 0.19	\$ 3,061,000	3.8
Options vested and expected to vest as of March 31, 2016	2,720,000	\$ 0.19	\$ 3,061,000	3.8
Options vested and exercisable as of March 31, 2016	995,000	\$ 0.19	\$ 1,126,000	3.9

Restricted Stock

A summary of the restricted stock award activity for the three months ended March 31, 2016 is as follows:

	Number of Units	Weighted Average Grant Date Fair Value
Nonvested at December 31, 2015	650,000	\$ 0.40
Vested	(650,000)	\$ 0.40
Nonvested at March 31, 2016	-	\$ -

Warrants

A summary of the status of the Company's outstanding warrants as of March 31, 2016 and changes during the three months ended March 31, 2016 is presented below:

	Number of Warrants	Weighted Average Exercise Price	Total Intrinsic Value	Weighted Average Remaining Contractual Life (in years)
Outstanding as of December 31, 2015	1,850,000	\$ 0.31	\$ 1,249,000	4.3
Issued	175,000	0.97	61,000	4.9
Outstanding as of March 31, 2016	2,025,000	\$ 0.37	\$ 1,921,000	4.1
Warrants exercisable as of March 31, 2016	2,025,000	\$ 0.37	\$ 1,921,000	4.1

Stock-based Compensation Expense

Stock-based compensation expense for the three months ended March 31, 2016 and 2015 was comprised of the following (dollars in thousands):

	For the Three Months Ended March	
	31	
	2016	2015
Employee restricted stock awards	\$ 136	\$ -
Employee stock option awards	31	3
Non-employee option awards	460	32
Total compensation expense	<u>\$ 627</u>	<u>\$ 35</u>

ALPHA-EN CORPORATION
NOTES TO CONDENSED CONSOLIDATED FINANCIAL STATEMENTS
(Unaudited)

Note 7 – Contingencies and Commitments

On March 22, 2016, the Company entered into a lease (the “Lease”) with Hudson View Building #3, LLC (the “Landlord”), for office and laboratory space located in Yonkers, New York (the “Leased Premise”). The Leased Premise consists of approximately 8,000 square feet. The Lease has a term of 87 months from the lease commencement date, which is the date upon which the Landlord has substantially completed certain interior leasehold improvements to the Leased Premise. The annual rent for the first year of the lease is approximately \$208,000, increasing by 1.5% on each anniversary of the lease commencement date. In the event of a termination of the Lease following a default by the Company, the Company will be obligated to pay the sum of the rent payable for the remainder of the Lease term.

The Company estimated the lease commencement date is in February, 2017. Contractual minimal lease payments are as follows (in thousands):

	2016	\$	-
	2017		139
	2018		210
	2019		213
	2020		217
Thereafter			744
Total		<u>\$</u>	<u>1,523</u>

On February 25, 2009, the Company was granted an exclusive, worldwide, transferable, perpetual license to use certain proprietary technology for the processing of lithium for use in batteries and other fields. Commencing in October 2010, working through a third party, the Company conducted a series of tests to determine if the process worked and, based on the results, initially believed that the process produced lithium, however it did not prove to be commercially feasible and research and development efforts involving this license were abandoned. In exchange for the license, the Company had certain financial, share issuance and royalty obligations if certain sale thresholds were met. However, since contractually agreed thresholds were not met and the technology was not used, the Company negotiated an amendment and release related to this license in November 2016. Pursuant to the amendment and release, and subject to certain contingencies set forth in the amendment and release, the third party will retain two million of the three million total shares from the original license and will forfeit the remaining one million shares. The two million shares to be retained by the third party will be subject to customary transfer restrictions for restricted shares. No effect has been given to this transaction in the accompanying financial statements.

Note 8 – Subsequent Events

The Company has evaluated all events that occurred after the balance sheet date through the date when the financial statements were issued to determine if they must be reported. The Management of the Company determined that the following reportable subsequent event(s) need to be disclosed:

In April 2016, the Company entered into a private placement offering with an investor and issued 117,188 shares of the Company’s common stock and 46,875 warrants for \$75,000. The warrants have a 5-year term and an exercise price of \$0.97.

In June 2016, the Company entered into a private placement offering with an investor and issued 100,000 shares of the Company’s common stock and 250,000 warrants for \$250,000. The warrants have a 5-year term and an exercise price of \$3.97. 100,000 shares issued in this offering is subjected to “price protection” for a twelve-month period. Specifically, in the event the Company issues to any person common stock or their equivalent at a lower price per share than \$2.50 (the “Lower Price”), the Company shall, simultaneously with the issuance of such shares, issued that investor a number of

additional common shares (the “Additional Shares”) necessary to cause the 100,000 purchased plus the Additional Shares to have a combined average cost per share equal to the Lower Price, provided that in no event shall the Additional Shares exceed 100,000 shares. The price protection featured was analyzed by the Company and the Company determined that such feature was not required to be bifurcated from the common stock and recorded as a derivative as the price protection feature is clearly and closely related to an equity host. In November 2016, the Lower Price was triggered and the Company became obligated to issue an additional 100,000 shares of common stock under the arrangement.

In August 2016, the Company entered into a private placement offering with an investor and issued 40,000 shares of the Company’s common stock and 100,000 warrants for \$100,000. The warrants have a 5-year term and an exercise price of \$2.94.

In August 2016, 221,875 warrants with a weighted average exercise price of \$0.97 were exercised for cash consideration of \$215,000. The investors were granted 221,875 additional warrants in August 2016 with a 5-year term and an exercise price of \$2.70 per share.

On November 1, 2016, the Company entered into an additional private placement offering with an investor and sold 100,000 shares of common stock and 250,000 warrants for \$100,000. The warrants have a 5-year term and an exercise price of \$1.16 per share.

ALPHA-EN CORPORATION
NOTES TO CONDENSED CONSOLIDATED FINANCIAL STATEMENTS
(Unaudited)

On February 25, 2009, the Company was granted an exclusive, worldwide, transferable, perpetual license to use certain proprietary technology for the processing of lithium for use in batteries and other fields by a third party. However, since contractually agreed thresholds were not met and the technology was not used, the Company negotiated an amendment and release related to this license in November 2016. Pursuant to the amendment and release, and subject to certain contingencies set forth in the amendment and release, the third party will retain two million of the three million total shares from the original license and will forfeit the remaining one million shares. The two million shares to be retained by the third party will be subject to customary transfer restrictions for restricted shares. No effect has been given to this transaction in the accompanying financial statements.

On December 6, 2016, the Company cancelled 210,000 shares and exchanged 210,000 shares into 210,000 options with an exercise price of \$1.08 and a 5-year term to a consultant who previously performed services prior to 2014. The consultant is related to George McKeegan, a Board member of the Company.

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

Organization and Operations

alpha-En Corporation (together with its subsidiaries, the "Company") was incorporated in Delaware on March 7, 1997.

On February 25, 2009, alpha-En Corporation was granted a license for an exclusive, worldwide, transferable, perpetual license to use certain proprietary technology for the processing of lithium for use in batteries. After much effort, it was determined the process was not commercially feasible and efforts surrounding this technology were abandoned in 2011. We have settled an amendment and release related to this license.

During 2011 to 2012, alpha-En Corporation devoted its resources to developing proprietary technology to produce highly pure lithium metal.

In 2013, alpha-En Corporation invented a new process for the production of highly pure lithium metal and associated products at room temperature and subsequently broadened its focus to develop products and processes derived from its new core proprietary technology, including battery components and compounds of lithium.

During the years 2013 to the present, alpha-En Corporation has been exclusively focused on developing its own technology for the production of highly pure lithium metal, from the bench scale through multiple demonstrations, with the end goal of commercialization. During this time, alpha-En Corporation has also been pursuing strategic partnerships both commercially and with research institutions.

In September 2014, alpha-En Corporation formed Clean Lithium Corporation ("CLC") under the laws of New York State with a nominal share capital of \$100,000. CLC was formed to hold certain of our intellectual property and to further develop and commercialize our technology. As of March 31, 2016, we owned approximately 91.0% of CLC's outstanding capital stock.

Three Months Ended March 31, 2016 Compared to Three Months Ended March 31, 2015

General and administrative expenses were approximately \$583,000 for the three months ended March 31, 2016 as compared to approximately \$28,000 for the three months ended March 31, 2015. The increase in general and administrative expenses mostly relates to increased stock based compensation which was approximately \$369,000 for the three months ended March 31, 2016 as compared to approximately \$20,000 for the three months ended March 31, 2015.

Legal and professional fees were approximately \$49,000 for the three months ended March 31, 2016 as compared to approximately \$7,000 for the three months ended March 31, 2015. The increase in legal and professional fees was due to accounting and legal services incurred in relation to the filing of our annual and quarterly financials.

Research and development expenses were approximately \$394,000 for the three months ended March 31, 2016 as compared to approximately \$28,000 for the three months ended March 31, 2015. The increase in research and development expenses mostly relates to increased stock based compensation which was approximately \$258,000 for the three months ended March 31, 2016 as compared to approximately \$15,000 for the three months ended March 31, 2015. Other increase in research and development expenses resulted from scaling up of our efforts to develop and demonstrate our technology.

Net loss attributable to non-controlling interest was approximately \$61,000 for the three months ended March 31, 2016 as compared to approximately \$1,000 for the three months ended March 31, 2015. The increase was partly due to the increase in the non-controlling interest's ownership percentage of CLC from 1.5% for the three months ended March 31, 2015 to 9.1% for the three months ended March 31, 2016 and partly due to the increased loss of CLC.

Going Concern

The Company's condensed consolidated financial statements have been prepared assuming that it will continue as a going

concern, which contemplates continuity of operations, realization of assets, and liquidation of liabilities in the normal course of business.

As reflected in the condensed consolidated financial statements, the Company had an accumulated deficit of approximately \$11.1 million and \$10.2 million at March 31, 2016 and December 31, 2015, respectively. A net loss of approximately \$965,000 and \$62,000, and approximately \$323,000 and \$95,000 net cash used in operating activities for the three months ended March 31, 2016 and 2015, respectively.

The Company is attempting to further develop the intellectual property associated with its technology; broaden its patent portfolio; scale up our production of various products; and begin generating revenue; however, the Company's cash position is not sufficient to support its daily operations. While the Company believes in the viability of its strategy and in its ability to raise additional funds by way of a public or private offering, there can be no assurances to that effect. The ability of the Company to continue as a going concern is dependent upon its ability to raise additional funds by way of a public or private offering and its ability to further develop its technology and generate sufficient revenue.

These factors raise substantial doubt about the Company's ability to continue as a going concern. The condensed consolidated financial statements do not include any adjustments related to the recoverability and classification of recorded asset amounts or the amounts and classification of liabilities that might be necessary should the Company be unable to continue as a going concern.

Liquidity and Capital Resources

As of March 31, 2016, we had working capital of approximately \$622,000 compared to approximately \$689,000 at December 31, 2015.

In April 2016, we entered into a private placement offering with an investor and issued 117,188 shares of our common stock and 46,875 warrants for \$75,000. The warrants have a 5-year term and an exercise price of \$0.97.

In June 2016, we entered into a private placement offering with an investor and issued 100,000 shares of our common stock and 250,000 warrants for \$250,000. The warrants have a 5-year term and an exercise price of \$3.97. 100,000 shares issued in this offering is subjected to "price protection" for a twelve-month period. Specifically, in the event we issue to any person common stock or their equivalent at a lower price per share than \$2.50 (the "Lower Price"), we shall, simultaneously with the issuance of such shares, issue that investor a number of additional common shares (the "Additional Shares") necessary to cause the 100,000 purchased plus the Additional Shares to have a combined average cost per share equal to the Lower Price, provided that in no event shall the Additional Shares exceed 100,000 shares. The price protection featured was analyzed by us and we determined that such feature was not required to be bifurcated from the common stock and recorded as a derivative as the price protection feature is clearly and closely related to an equity host. In November 2016, the Lower Price was triggered and we became obligated to issue an additional 100,000 shares of common stock under the arrangement.

In August 2016, we entered into a private placement offering with an investor and issued 40,000 shares of our common stock and 100,000 warrants for \$100,000. The warrants have a 5-year term and an exercise price of \$2.94.

On November 1, 2016, we entered into an additional private placement offering with an investor and sold 100,000 shares of common stock and 250,000 warrants for \$100,000. The warrants have a 5-year term and an exercise price of \$1.16 per share.

The table below sets forth selected cash flow data for the periods presented (dollars in thousands):

	Three Months Ended	
	March 31,	
	2016	2015
Net cash used in operating activities	\$ (323)	\$ (95)
Net cash used in investing activities	(35)	(2)
Net cash provided by financing activities	321	-
Net decrease in cash and cash equivalents	<u>\$ (37)</u>	<u>\$ (97)</u>

The success of our business plan during the next 12 months and beyond is contingent upon us generating sufficient revenue to cover our costs of operations, or upon us obtaining additional financing. We believe that our current capital resources are not sufficient to support our operations for the next 12 months. We intend to finance our operations through debt and/or equity financings. There can be no assurance that such additional financing will be available to us on acceptable terms, or at all. We intend to use all commercially-reasonable efforts at our disposal to raise sufficient capital to run our operations on a go forward basis.

Off Balance Sheet Arrangements

None

Commitments

On March 22, 2016, we entered into a lease (the "Lease") with Hudson View Building #3, LLC (the "Landlord"), for office and laboratory space located in Yonkers, New York (the "Leased Premise"). The Leased Premise consists of approximately 8,000 square feet. The Lease has a term of 87 months from the lease commencement date, which is the date upon which the Landlord has substantially completed certain interior leasehold improvements to the Leased Premise. The annual rent for the first year of the lease is approximately \$208,000, increasing by 1.5% on each anniversary of the lease commencement date. In the event of a termination of the Lease following a default by us, we will be obligated to pay the sum of the rent payable for the remainder of the Lease term.

We estimated the lease commencement date is in February, 2017. Contractual minimal lease payments are as follows (in thousands):

	2016	\$	-
	2017		139
	2018		210
	2019		213
	2020		217
	Thereafter		744
	Total	\$	<u>1,523</u>

Item 4. Controls and Procedures

Evaluation of Disclosure Controls and Procedures

We carried out an evaluation of the effectiveness of the design and operation of our disclosure controls and procedures (as defined in Exchange Act Rules 13a-15(e) and 15d-15(e)) as of March 31, 2016. This evaluation was carried out under the supervision and with the participation of our Principal Executive Officer, and our Principal Financial and Accounting Officer. Based upon that evaluation, our Chief Executive Officer and Principal Accounting Officer concluded that, as of March 31, 2016, our disclosure controls and procedures were ineffective as of the end of the period covered, due to the following material weaknesses which are indicative of many small companies with small staff: (i) inadequate segregation of duties and effective risk assessment; and (ii) insufficient written policies and procedures for accounting and financial reporting with respect to the requirements and application of both United States generally accepted accounting principles and Securities and Exchange Commission guidelines. Management anticipates that such disclosure controls and procedures will not be effective until the material weaknesses are remediated. We have added additional resources and expect to remediate the material weakness in our disclosure controls and procedures end of our fiscal quarter ending June 30, 2017.

Disclosure controls and procedures are controls and other procedures that are designed to ensure that information required to be disclosed in our reports filed or submitted under the Exchange Act are recorded, processed, summarized and reported, within the time periods specified in the SEC's rules and forms. Disclosure controls and procedures include, without limitation, controls and procedures designed to ensure that information required to be disclosed in our reports filed under the Exchange Act is accumulated and communicated to management, including our Principal Executive Officer, and Principal Financial and Accounting Officer, to allow timely decisions regarding required disclosure.

During the fiscal year 2016, we, together with our independent registered public accounting firm, identified material weaknesses in our internal control over financial reporting, as described below. A "material weakness" is a deficiency, or combination of deficiencies, in internal control over financial reporting, such that there is a reasonable possibility that a material misstatement of the company's annual or interim financial statements will not be prevented or detected on a timely basis. The material weaknesses in internal control over financial reporting resulted from operating deficiencies which are listed below. To remediate the material weaknesses, we are initiating controls and procedures to formally monitor new transactions and events that change our business so that we consider material impacts to our financial statements, including proper recording and disclosure of those transactions or events as well as documenting the related significant estimates and judgments made by management.

- There is a lack of accounting personnel with the requisite knowledge of Generally Accepted Accounting Principles in the U.S. ("GAAP") and the financial reporting requirements of the U.S. Securities and Exchange Commission;
- There are insufficient written policies and procedures to ensure the correct application of accounting and financial reporting with respect to the current requirements of GAAP and SEC disclosure requirements;

- Insufficient segregation of duties, oversight of work performed and lack of compensating controls in the Company's finance and accounting functions due to limited personnel;
- Inadequate controls surrounding related party transactions, to ensure that all material transactions and developments impacting the financial statements are reflected and properly recorded;
- Management has not performed a proper evaluation of 1) the disclosure controls and procedures and 2) internal control over financial reporting; and
- Inadequate controls over Company arrangements and contract management.

Changes in Internal Control over Financial Reporting

There was no change in our internal control over financial reporting during the three months ended March 31, 2016 that materially affected, or is reasonably likely to materially affect, our internal control over financial reporting.

PART II - OTHER INFORMATION

Item 1. Legal Proceedings

We are not currently involved in any litigation that we believe could have a material adverse effect on our financial condition and results of operations or cash flows.

Item 1A. Risk Factors.

There are no material changes to the risk factors in our most recent Annual Report on Form 10-K.

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

During three months ended March 31, 2016, the Company entered into six private placement offerings with six investors and issued 437,501 shares of its common stock and warrants to purchase 175,000 shares of common stock for \$280,000. The warrants have a 5-year term and an exercise price of \$0.97. The Company also issued 75,000 shares of its subsidiary, CLC, to a consultant for the service provided, and the shares were valued at \$1.00 per share. All of the foregoing issuances were exempt from registration requirements under Section 4(2) and/or Rule 506 of Regulation D of the Securities Act of 1933, as amended.

Item 3. Defaults upon Senior Securities.

None.

Item 4. Mine Safety Disclosures.

Not applicable.

Item 5. Other Information.

Not applicable.

Item 6. Exhibits

Exhibit Number	Description of Exhibit
31.1	Certification of Principal Executive Officer and Principal Financial Officer, as adopted pursuant to Section 302 of the Sarbanes-Oxley Act of 2002
32.1	Certification of Principal Executive Officer and Principal Financial Officer pursuant to 18 U.S.C. Section 1350, as adopted pursuant to Section 906 of the Sarbanes-Oxley Act of 2002
101.INS	XBRL Instance Document
101.SCH	XBRL Schema Document
101.CAL	XBRL Calculation Linkbase Document
101.DEF	XBRL Definition Linkbase Document
101.LAB	XBRL Label Linkbase Document
101.PRE	XBRL Presentation Linkbase Document

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.

alpha-En Corporation

Date: January 17, 2017

By: */s/ Jerome I. Feldman*

Jerome I. Feldman
Executive Chairman, Chief Financial Officer and
Treasurer
(principal financial and accounting officer)

**CERTIFICATION PURSUANT TO
RULE 13a-14(a) OR RULE 15d-14(a) OF THE
SECURITIES EXCHANGE ACT OF 1934**

The undersigned hereby certify that:

1. I have reviewed this Quarterly Report on Form 10-Q of alpha-En Corporation;
2. Based on my knowledge, this report does not contain any untrue statement of a material fact or omit to state a material fact necessary to make the statements made, in light of the circumstances under which such statements were made, not misleading with respect to the period covered by this report;
3. Based on my knowledge, the financial statements, and other financial information included in this interim report, fairly present in all material respects the financial condition, results of operations and cash flows of the registrant as of, and for, the periods presented in this report;
4. The registrants' other certifying officers and I am responsible for establishing and maintaining disclosure controls and procedures (as defined in Exchange Act Rules 13a-15(e) and 15d-15(e)) and internal controls over financial reporting (as defined in Exchange Act Rules 13a-15(f) and 15d-15(f)) for the registrant and have:
 - a) Designed such disclosure controls and procedures, or caused such disclosure controls and procedures to be designed under our supervision, to ensure that material information relating to the registrant, including its consolidated subsidiaries, is made known to us by others within those entities, particularly during the period in which this report is being prepared;
 - b) Designed such internal control over financial reporting, or caused such internal control over financial reporting to be designed under my supervision, to provide reasonable assurance regarding the reliability of financial reporting and the preparation of financial statements for external purposes in accordance with generally accepted accounting principles;
 - c) Evaluated the effectiveness of the registrant's disclosure controls and procedures and presented in this report our conclusions about the effectiveness of the disclosure controls and procedures, as of the end of the period covered by this report based on such evaluation; and
 - d) Disclosed in this report any change in the registrant's internal control over financial reporting that occurred during the registrant's most recent fiscal quarter (the registrant's fourth fiscal quarter in the case of an annual report) that has materially affected, or is reasonably likely to materially affect, the registrant's internal control over financial reporting; and
5. The registrant's other certifying officers and I have disclosed, based on our most recent evaluation of internal control over financial reporting, to the registrant's auditors and the audit committee of the registrant's board of directors (or persons performing the equivalent functions):
 - a) All significant deficiencies and material weaknesses in the design or operation of internal control over financial reporting which are reasonably likely to adversely affect the registrant's ability to record, process, summarize and report financial information; and
 - b) Any fraud, whether or not material, that involves management or other employees who have a significant role in the registrant's internal control over financial reporting.

Date: January 17, 2017

/s/ Jerome I. Feldman

Jerome I. Feldman
Executive Chairman, Chief Financial Officer and Treasurer
(principal financial and accounting officer)

Date: January 17, 2017

/s/ Steven M. Fludder

Steven M. Fludder
Chief Executive Officer
(principal executive officer)

EXHIBIT 32.1

CERTIFICATION OF PRINCIPAL EXECUTIVE OFFICER AND PRINCIPAL FINANCIAL OFFICER
PURSUANT TO 18 U.S.C. SECTION 1350 AS ADOPTED PURSUANT TO SECTION 906 OF THE
SARBANES-OXLEY ACT OF 2002

Pursuant to 18 U.S.C. Section 1350, as adopted pursuant to Section 906 of the Sarbanes-Oxley Act of 2002, each of the undersigned officers of alpha-En Corporation (the “Company”), hereby certify, that, to his knowledge:

1. The Quarterly Report on Form 10-Q for the quarter ended March 31, 2016 (the “Report”) of the Company fully complies with the requirements of Section 13(a) or Section 15(d) of the Securities Exchange Act of 1934; and

2. The information contained in the Report fairly presents, in all material respects, the financial condition and results of operations of the Company.

Dated: January 17, 2017

/s/ Jerome I. Feldman

Jerome I. Feldman
Executive Chairman, Chief Financial Officer and Treasurer
(principal financial and accounting officer)

Date: January 17, 2017

/s/ Steven M. Fludder

Steven M. Fludder
Chief Executive Officer
(principal executive officer)

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-37000 -97000 35000 2000 -20000 <p style="margin: 0pt"></p><p style="font: 10pt/normal Times New Roman, Times,
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New Roman, Times, Serif; margin: 0; text-align: justify">alpha-En Corporation (together withits subsidiaries, the
“Company”) was incorporated in Delaware on March 7, 1997.</p><p style="font: 10pt/normal Times New
Roman, Times, Serif; margin: 0; text-align: justify; text-indent: 0in"> </p><p style="font: 10pt/normal Times New
Roman, Times, Serif; margin: 0; text-align: justify">On February 25, 2009, alpha-En Corporationwas granted a license for
an exclusive, worldwide, transferable, perpetual license to use certain proprietary technology for theprocessing of lithium
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this technology were abandoned in 2011. The Company has settled an amendment and release related to this license.(See
Note 7)</p><p style="font: 10pt/normal Times New Roman, Times, Serif; margin: 0; text-align: justify; text-indent:
0in"> </p><p style="font: 10pt/normal Times New Roman, Times, Serif; margin: 0; text-align: justify">During
2011 and 2012, alpha-En Corporationdevoted its resources to developing proprietary technology to produce highly pure
lithium metal.</p><p style="font: 10pt/normal Times New Roman, Times, Serif; margin: 0; text-align: justify; text-indent:
0in"> </p><p style="font: 10pt/normal Times New Roman, Times, Serif; margin: 0; text-align: justify">In 2013,
alpha-En Corporation inventeda new process for the production of highly pure lithium metal and associated products at
room temperature and subsequently broadenedits focus to develop products and processes derived from its new core

proprietary technology, including battery components and compounds of lithium.

During the period from 2013 to the present, alpha-En Corporation has been exclusively focused on developing its own technology for the production of highly pure lithium metal, from the bench scale through multiple demonstrations, with the end goal of commercialization. During this time, alpha-En Corporation has also been pursuing strategic partnerships both commercially and with research institutions.

Formation of Majority-Owned Subsidiary

In September 2014, alpha-En Corporation formed Clean Lithium Corporation (“CLC”) under the laws of New York State as a wholly owned subsidiary with a nominal share capital of \$100,000.

Following the sale of CLC's shares, the ownership is as follows:

Stockholder	Shares	Percentage	alpha-En Corporation	Non-controlling interests
	9,095,000		90.95%	9.05%
	905,000			10.00%
				100.00%

Note 3 - Significant and Critical Accounting Policies and Practices

Basis of Presentation and Principles of Consolidation

The accompanying unaudited condensed consolidated financial statements include the accounts of the Company and its subsidiaries. For consolidated entities where the Company owns less than 100% of the subsidiary, the Company records net income (loss) attributable to non-controlling interests in its condensed consolidated statements of operations equal to the percentage of the economic or ownership interest retained in such entities by the respective non-controlling parties.

10pt/normal Times New Roman, Times, Serif; margin: 0; text-align: justify; text-indent: 0in"> </p><p style="font: 10pt/normal Times New Roman, Times, Serif; margin: 0; text-align: justify">The unaudited condensed consolidated financial statements have been prepared by the Company pursuant to the rules and regulations of the Securities and Exchange Commission(the “SEC”) and reflect all adjustments (consisting of normal recurring adjustments unless otherwise indicated) which,in the opinion of management, are necessary for a fair presentation of the results for the interim periods presented.</p><p style="font: 10pt/normal Times New Roman, Times, Serif; margin: 0; text-align: justify; text-indent: 29.7pt"> </p><p style="font: 10pt/normal Times New Roman, Times, Serif; margin: 0; text-align: justify">Certain information in footnote disclosuresnormally included in the financial statements prepared in conformity with accounting principles generally accepted in the UnitedStates of America have been condensed or omitted pursuant to the SEC rules and regulations for interim reporting. The financialresults for the periods presented may not be indicative of the full year’s results.</p><p style="font: 10pt/normal Times New Roman, Times, Serif; margin: 0; text-align: justify; text-indent: 29.7pt"> </p><p style="font: 10pt/normal Times New Roman, Times, Serif; margin: 0; text-align: justify">These unaudited condensed consolidatedfinancial statements should be read in conjunction with the Company’s audited consolidated financial statements and the notesthereto for the fiscal year ended December 31, 2015 included in the Company’s Annual Report on Form 10-K filed on October20, 2016.</p><p style="font: 10pt/normal Times New Roman, Times, Serif; margin: 0; text-align: justify; text-indent: 27.5pt"> </p><p style="font: 10pt/normal Times New Roman, Times, Serif; margin: 0; text-align: justify">The Company’s unaudited condensedconsolidated financial statements include the accounts of the Company and its subsidiaries. All intercompany balances and transactionshave been eliminated.</p><p style="font: 10pt/normal Times New Roman, Times, Serif; margin: 0; text-align: justify; text-indent: 27.5pt"> </p><p style="font: 10pt/normal Times New Roman, Times, Serif; margin: 0; text-align: justify">Use of Estimates</p><p style="font: 10pt/normal Times New Roman, Times, Serif; margin: 0; text-align: justify; text-indent: 27.5pt"> </p><p style="font: 10pt/normal Times New Roman, Times, Serif; margin: 0; text-align: justify">The Company’s unaudited condensedconsolidated financial statements include certain amounts that are based on management’s best estimates and judgments. The Company’s significant estimates include, but are not limited to, useful lives assigned to long-lived assets, fair value measurements,stock-based compensation, accrued expenses, provisions for income taxes and contingencies. Due to the uncertainty inherent in suchestimates, actual results may differ from these estimates.</p><p style="font: 10pt/normal Times New Roman, Times, Serif; margin: 0; text-align: justify; text-indent: 0in"> </p><p style="font: 10pt/normal Times New Roman, Times, Serif; margin: 0; text-align: justify">Fair Value Measurements</p><p style="font: 10pt/normal Times New Roman, Times, Serif; margin: 0; text-align: justify; text-indent: 0in"> </p><p style="font: 10pt/normal Times New Roman, Times, Serif; margin: 0; text-align: justify"><i>Accounts Payable and Accrued Expenses.</i>The carrying amounts of accounts payable and accrued expenses approximate fair value as these accounts are largely currentand short term in nature.</p><p style="font: 10pt/normal Times New Roman, Times, Serif; margin: 0; text-align: justify; text-indent: 0in"> </p><p style="font: 10pt/normal Times New Roman, Times, Serif; margin: 0; text-align: justify">Cash</p><p style="font: 10pt/normal Times New Roman, Times, Serif; margin: 0; text-align: justify; text-indent: 0in"> </p><p style="font: 10pt/normal Times New Roman, Times, Serif; margin: 0; text-align: justify">As of March 31, 2016 and December 31,2015, substantially all of the Company’s cash was held at major financial institutions and the balance at certain accountsmay exceed the maximum amount insured by the Federal Deposit Insurance Corporation. However, the Company has not experienced losseson these accounts and management believes that the Company is not exposed to significant risks on such accounts.</p><p style="font: 10pt/normal Times New Roman, Times, Serif; margin: 0; text-align: justify; text-indent: 0in"> </p><p style="font: 10pt/normal Times New Roman, Times, Serif; margin: 0; text-align: justify">Property and Equipment</p><p style="font: 10pt/normal Times New Roman, Times, Serif; margin: 0; text-align: justify; text-indent: 31.9pt"> </p><p style="font: 10pt/normal Times New Roman, Times, Serif; margin: 0; text-align: justify">Office equipment is recorded at costand depreciated using the straight-line method over the estimated useful life of each asset, generally three years. </p><p style="font: 10pt/normal Times New Roman, Times, Serif; margin: 0; text-align: justify; text-indent: 27.5pt"> </p><p style="font: 10pt/normal Times New Roman, Times, Serif; margin: 0; text-align: justify">Impairment of Long-Lived Assets</p><p style="font: 10pt/normal Times New Roman, Times, Serif; margin: 0; text-align: justify; text-indent: 31.9pt"> </p><p style="font: 10pt/normal Times New Roman, Times, Serif; margin: 0; text-align: justify">The Company reviews long-lived assets,including property and equipment, for impairment whenever events or changes in business circumstances indicate that the carryingamount of the assets may not be fully recoverable. Factors that the Company considers in deciding when to perform an impairmentreview include significant underperformance of the business in relation to expectations, significant negative industry or economic’trends, and significant changes or planned changes in the use of the assets. If an impairment review is performed to evaluate a long-lived asset for recoverability, the Company compares forecasts of undiscounted cash flows expected to result from the useand eventual disposition of the long-lived asset to its carrying value. An impairment loss would be recognized

when estimated undiscounted future cash flows expected to result from the use of an asset are less than its carrying amount. The impairment loss would be based on the excess of the carrying value of the impaired asset over its fair value. There was no impairment of long lived assets during the quarter ended March 31, 2016.

Research and Development

Research and development costs are expensed as incurred. Advance payments for goods and services that will be used in future research and development activities are expensed when the activity has been performed or when the goods have been received rather than when the payment is made. Upfront and milestone payments due to third parties that perform research and development services on the Company's behalf will be expensed as services are rendered or when the milestone is achieved.

Research and development costs primarily consist of personnel related expenses, including salaries, benefits, travel, and other related expenses, stock-based compensation, payments made to third parties for license and milestone costs related to in-licensed products and technology, payments made to third party contract research organizations, consultants, the cost of acquiring and manufacturing clinical trial materials, and costs associated with regulatory filings, laboratory costs and other supplies.

In accordance with ASC 730-10-25-1, *Research and Development*, costs incurred in obtaining technology licenses are charged to research and development expense if the technology licensed has not reached commercial feasibility and has no alternative future use. Certain licenses purchased by the Company require substantial completion of research and development and regulatory and marketing approval efforts in order to reach commercial feasibility and have no alternative future use.

Contingencies

The Company records accruals for contingencies and legal proceedings expected to be incurred in connection with a loss contingency when it is probable that a liability has been incurred and the amount can be reasonably estimated.

If a loss contingency is not probable but is reasonably possible, or is probable but cannot be estimated, the nature of the contingent liability, together with an estimate of the range of possible loss if determinable and material, would be disclosed.

Stock-Based Compensation

The Company expenses stock-based compensation to employees over the requisite service period based on the estimated grant-date fair value of the awards and forfeiture rates. For stock-based compensation awards to non-employees, the Company remeasures the fair value of the non-employee awards at each reporting period prior to vesting and finally at the vesting date of the award. Changes in the estimated fair value of these non-employee awards are recognized as compensation expense in the period of change.

The Company estimates the fair value of stock options grants using the Black-Scholes option pricing model and the assumptions used in calculating the fair value of stock-based awards represent management's best estimates and involve inherent uncertainties and the application of management's judgment.

Income Taxes

The Company records income taxes using the asset and liability method. Deferred income tax assets and liabilities are recognized for the future tax effects attributable to temporary differences between the financial statement carrying amounts of existing assets and liabilities and their respective income tax bases, and operating loss and tax credit carryforwards. The Company establishes a valuation allowance if it is more likely than not that the deferred tax assets will not be recovered based on an evaluation of objective verifiable evidence. For tax positions that are more likely than not of being sustained upon audit, the Company recognizes the largest amount of the benefit that is greater than 50% likely of being realized. For tax positions that are not more likely

than not of being sustained upon audit, the Company does not recognize any portion of the benefit.

Loss Per Share

Basic loss per share of common stock is computed by dividing net loss applicable to common stockholders by the weighted average number of shares of common stock outstanding for the period. Diluted loss per share excludes the potential impact of common stock options, unvested shares of restricted stock and outstanding common stock purchase warrants because their effect would be anti-dilutive.

Securities that could potentially dilute loss per share in the future that were not included in the computation of diluted loss per share at March 31, 2016 and 2015 areas follows:

	2016	2015
Warrants to purchase common stock	2,025,000	150,000
Options to purchase common stock	4,170,000	2,670,000
Total	6,195,000	2,820,000

Non-Controlling Interests

Non-controlling interests in consolidated entities represent the component of equity in consolidated entities held by third parties. Any change in ownership of a subsidiary while the controlling financial interest is retained is accounted for as an equity transaction between the controlling and non-controlling interests.

Recent Accounting Pronouncements

In February 2016, the FASB issued ASU 2016-02, *Leases (Topic 842)*

(ASU 2016-02). ASU 2016-02 requires an entity to recognize right-of-use assets and lease liabilities on its balance sheet and disclose key information about leasing arrangements. Lessees and lessors are required to disclose qualitative and quantitative information about leasing arrangements to enable a user of the financial statements to assess the amount, timing and uncertainty of cash flows arising from leases. ASU 2016-02 is effective for fiscal years, and interim periods within those years, beginning after December 15, 2018. Early adoption is permitted. The Company is currently in the process of evaluating the impact of adoption of ASU 2016-02 on the consolidated financial statements and related disclosures.

In March 2016, the FASB issued ASU No. 2016-09, Compensation-Stock Compensation (Topic 718), Improvements to Employee Share-Based Payment Accounting (ASU 2016-09). Under ASU 2016-09, companies will no longer record excess tax benefits and certain tax deficiencies in additional paid-in capital (APIC). Instead, they will record all excess tax benefits and tax deficiencies as income tax expense or benefit in the income statement and the APIC pools will be eliminated. In addition, ASU 2016-09 eliminates the requirement that excess tax benefits be realized before companies can recognize them. ASU 2016-09 also requires companies to present excess tax benefits as an operating activity on the statement of cash flows rather than as a financing activity. Furthermore, ASU 2016-09 will increase the amount an employer can withhold to cover income taxes on awards and still qualify for the exception to liability classification for shares used to satisfy the employer's statutory income tax withholding obligation. An employer with a statutory income tax withholding obligation will now be allowed to withhold shares with a fair value up to the amount of taxes owed using the maximum statutory tax rate in the employee's applicable jurisdiction(s). ASU 2016-09 requires a company to classify the cash paid to a tax authority when shares are withheld to satisfy its statutory income tax withholding obligation as a financing activity on the statement of cash flows. Under current GAAP, it was not specified how these cash flows should be classified. In addition, companies will now have to elect whether to account for forfeitures on share-based payments by (1) recognizing forfeitures of awards as they occur or (2) estimating the number of awards expected to be forfeited and adjusting the estimate when it is likely to change, as is currently required. These aspects of ASU 2016-09 are effective for reporting periods beginning after December 15, 2016, with early adoption permitted provided that all of the guidance is adopted in the same period. The Company is currently evaluating the impact of ASU 2016-09 on the consolidated financial statements and related disclosures.

In August 2016, the FASB issued ASU No. 2016-15, *Statement of Cash Flows - Classification of Certain Cash Receipts and Cash Payments*, which addresses eight specific cash flow issues with the objective of reducing the existing diversity in practice in how certain cash receipts and cash payments are presented and classified in the statement of cash flows. The standard is effective for fiscal years beginning after December 15, 2017, including interim periods within those fiscal years. Early adoption is permitted, including adoption in an interim period. The Company is currently evaluating the impact of this new pronouncement on its consolidated statements of cash flows.

Note 2 - Going Concern and Liquidity

The Company has elected to adopt early application of Accounting Standards Update No. 2014-15, *Presentation of Financial Statements - Going Concern (Subtopic 205-40): Disclosure of Uncertainties about an Entity's Ability to Continue as a Going Concern* (ASU 2014-15). The Company's condensed consolidated financial statements have been prepared assuming that it will continue as a going concern, which contemplates continuity of operations, realization of assets, and liquidation of liabilities in the normal course of business.

As reflected in the condensed consolidated financial statements, the Company had an accumulated deficit of approximately \$11.1 million and \$10.2 million at March 31, 2016 and December 31, 2015, respectively. A net loss of approximately \$965,000 and \$62,000, and approximately \$323,000 and \$95,000 net cash used in operating activities for the three months ended March 31, 2016 and 2015, respectively.

The Company is attempting to further develop the intellectual property associated with its technology; broaden its patent portfolio; scale up our production of various products; and begin generating revenue; however, the Company's cash position is not sufficient to support its daily operations. While the Company believes in the viability of its strategy and in its ability to raise additional funds by way of a public or private offering, there can be no assurances to that effect. The ability of the Company to continue as a going concern is dependent upon its ability to raise

additional funds by way of a public or private offering and its ability to further develop its technology and generate sufficient revenue.

These factors raise substantial doubt about the Company's ability to continue as a going concern. The condensed consolidated financial statements do not include any adjustments related to the recoverability and classification of recorded asset amounts or the amounts and classification of liabilities that might be necessary should the Company be unable to continue as a going concern.

Note 4 Property and Equipment

The components of property and equipment as of March 31, 2016 and December 31, 2015, at cost are (dollars in thousands):

(\$ in thousands)	March 31, 2016	December 31, 2015
Lab equipment	3	2
Office furniture and equipment	3	4
Leasehold improvement	31	-
Gross property and equipment	37	2

Less: Accumulated depreciation	115%
Property and equipment, net	115%
\$	115%
36	115%
\$	115%
2	115%

The Company's depreciation expense for the three months ended March 31, 2016 and 2015 was \$1,000 and \$0, respectively.

Note 5 – Related Party Transactions

Advances from Stockholders

From time to time, stockholders of the Company advance funds to the Company for working capital purposes. Those advances are unsecured, non-interest bearing and due on demand.

As of March 31, 2016 and December 31, 2015, the outstanding amount of the advances from related parties was approximately \$92,000 and \$62,000, respectively. During the three months ended March 31, 2016, advances from related parties was \$50,000 and the Company repaid \$20,000 to related parties.

Free Office Space

The Company has been provided office space by its Executive Chairman of the Board at no cost. The management determined that such cost is nominal and did not recognize there expense in its financial statements.

** **

Restricted Stock Grant to Chief Executive Officer and Associated Withholding Payments

During three months ended March 31, 2016, Steven M. Fludder, Chief Executive Officer, paid the Company a withholding tax obligation of \$198,000 related to the grant of restricted stock in 2015.

Note 6 – Stockholders' Equity

Adjustment to Outstanding Shares and Options

In the consolidated financial statements for the years ended December 31, 2015 and 2014 filed with the SEC, the Company incorrectly excluded 3.6 million shares of common stock and 150,000 non-employee stock options, of which 75,000 were vested, in the calculation of basic and diluted earnings per share, weighted average and number of common shares outstanding. Given the net loss in 2014 and 2015, the excluded stock options had no impact earnings per share as their effect, if included, would have been anti-dilutive. In addition, the exclusion of 3.6 million shares of common stock also did not have a material effect on earnings per share. As

a result, net loss per common share outstanding, basic and diluted, weighted average and the number of common shares outstanding were misstated by an amount that the Company has determined to be immaterial. The exclusion of such shares does not affect total stockholders' equity or net loss.

The following table provides a comparison between the previously filed numbers and the numbers after the correction as of December, 31 (in thousands, except share):

Previous Filings							After Correction of Error
	2015	2014	2015	2014	2015	2014	
Total shares outstanding	28,649,497	26,699,497	26,699,497	32,235,525	30,285,525	286	
Common stock	\$	\$	\$	\$	\$	267	
Additional paid-in capital	10,741	8,130	10,705	8,094	\$	\$	

The following table provides a comparison between the previously filed numbers and the numbers after the correction for the years ended December, 31:

Previous Filings			After Correction of Error
	2015	2014	2015
Additional paid-in capital	10,741	8,130	10,705
Common stock	\$	\$	\$

		2014			2015			2014		
Net loss				1,792,000				47,000		
Net loss per share				(0.07)				(0.06)		(0.00)
Weighted-average shares				27,263,059				26,394,554		30,849,087
				29,980,582						

In accordance with the SEC's Staff Accounting Bulletin Nos. 99 (“SAB 99”), the Company evaluated this error and, based on an analysis of quantitative and qualitative factors, determined that the error was immaterial to the prior reporting periods affected. Therefore, as permitted by SAB 99, the Company corrected, in the current filing, the calculation of basic earnings per share and weighted average number of common shares outstanding as of December 31, 2015.

Common Stock

During three months ended March 31, 2016, the Company entered into six private placement offerings with six investors and issued 437,501 shares of its common stock and warrants to purchase 175,000 shares of common stock for \$280,000. The warrants have a 5-year term and an exercise price of \$0.97. The Company also issued 75,000 shares of its subsidiary, CLC, to a consultant for the service provided, and the shares were valued at \$1.00 per share.

As of March 31, 2016, there were warrants to purchase 2,025,000 shares of common stock issued and outstanding.

Stock Options

The grant date fair value of stock options granted during the three months ended March 31, 2016 was approximately \$223,000. The fair value of the Company's common stock was based upon the publicly quoted price on the date that the final approval of the awards was obtained. The Company does not expect to pay dividends in the foreseeable future so therefore the expected dividend yield is 0%. The expected term for stock options granted with service conditions represents the average period the stock options are expected to remain outstanding and is based on the expected term calculated using the approach prescribed by the Securities and Exchange Commission's Staff Accounting Bulletin for plain vanilla options. The expected term for stock options granted with performance and/or market conditions represents the estimated period estimated by management by which the performance conditions will be met. The Company obtained the risk-free interest rate from publicly available

data published by the Federal Reserve. The Company uses a methodology in estimating its volatility percentage from a computation that was based on a comparison of average volatility rates of similar companies to a computation based on the standard deviation of the Company's own underlying stock price's daily logarithmic returns. The fair value of options granted in the three months ended March 31, 2016 was estimated using the following weighted-average assumptions:

			0.90
Expected stock price volatility			
80%			
Risk-free rate of interest			
1.34%			
Term (years)			
4.6			

A summary of option activity under the Company's employee stock option plan for the three months ended March 31, 2016 is presented below:

Number of Shares	Weighted Average Exercise Price	Total Intrinsic Value	Weighted Average Remaining Contractual Life (in years)	Outstanding as of December 31, 2015	Employee options granted	Expected stock price volatility	Risk-free rate of interest	Term (years)
1,050,000	0.27	757,000	5.1	48%	400,000	80%	1.34%	4.6

10pt">6.8</td> <td style="padding-bottom: 1.5pt"> </td></tr><tr style="vertical-align: bottom; background-color: #CCEEFF"> <td style="padding-bottom: 1.5pt">Outstanding as of March 31, 2016</td> <td style="padding-bottom: 1.5pt"> </td> <td style="border-bottom: black 1.5pt solid"> </td> <td style="border-bottom: black 1.5pt solid; text-align: right">1,450,000</td> <td style="padding-bottom: 1.5pt"> </td> <td style="padding-bottom: 1.5pt"> </td> <td style="border-bottom: black 1.5pt solid">\$</td> <td style="border-bottom: black 1.5pt solid; text-align: right">0.44</td> <td style="padding-bottom: 1.5pt"> </td> <td style="padding-bottom: 1.5pt"> </td> <td style="border-bottom: black 1.5pt solid"> </td> <td style="border-bottom: black 1.5pt solid; text-align: right">1,271,000</td> <td style="padding-bottom: 1.5pt"> </td> <td style="padding-bottom: 1.5pt"> </td> <td style="border-bottom: black 1.5pt solid"> </td> <td style="border-bottom: black 1.5pt solid; text-align: right">5.4</td> <td style="padding-bottom: 1.5pt"> </td></tr><tr style="vertical-align: bottom; background-color: white"> <td style="font-size: 10pt">Options vested and expected to vest as of March 31, 2016</td> <td style="font-size: 10pt"> </td> <td style="font-size: 10pt"> </td> <td style="text-align: right">1,450,000</td> <td style="font-size: 10pt"> </td> <td style="font-size: 10pt"> </td> <td style="text-align: right">0.44</td> <td style="font-size: 10pt"> </td> <td style="font-size: 10pt"> </td> <td style="text-align: right">1,271,000</td> <td style="font-size: 10pt"> </td> <td style="font-size: 10pt"> </td> <td style="text-align: right">5.4</td> <td style="font-size: 10pt"> </td></tr><tr style="vertical-align: bottom; background-color: #CCEEFF"> <td style="font-size: 10pt">Options vested and exercisable as of March 31, 2016</td> <td style="font-size: 10pt"> </td> <td style="font-size: 10pt"> </td> <td style="text-align: right">237,500</td> <td style="font-size: 10pt"> </td> <td style="font-size: 10pt"> </td> <td style="text-align: right">0.12</td> <td style="font-size: 10pt"> </td> <td style="font-size: 10pt"> </td> <td style="text-align: right">285,000</td> <td style="font-size: 10pt"> </td> <td style="font-size: 10pt"> </td> <td style="text-align: right">2.0</td> <td style="font-size: 10pt"> </td></tr></table><p style="font: 10pt Times New Roman, Times, Serif; margin: 0; text-align: center"> </p><p style="font: 10pt Times New Roman, Times, Serif; margin: 0; text-align: justify">Estimated future stock-based compensation expenserelating to unvested employee stock options is approximately \$313,000 as of March 31, 2016 and will be amortized over 3.8 years.</p><p style="font: 10pt Times New Roman, Times, Serif; margin: 0; text-align: justify"> </p><p style="font: 10pt Times New Roman, Times, Serif; margin: 0; text-align: justify">A summary of activity of options granted tonon-employees for the three months ended March 31, 2016 is presented below:</p><p style="font: 10pt Times New Roman, Times, Serif; margin: 0; text-align: center"> </p><table cellpadding="0" cellspacing="0" style="font: 12pt Times New Roman, Times, Serif; width: 100%; border-collapse: collapse"><tr style="vertical-align: bottom"> <td style="text-align: center"> </td> <td style="padding-bottom: 1.5pt; text-align: center"> </td> <td colspan="2" style="border-bottom: black 1.5pt solid; text-align: center">Number of Shares</td> <td style="padding-bottom: 1.5pt; text-align: center"> </td> <td style="padding-bottom: 1.5pt; text-align: center"> </td> <td colspan="2" style="border-bottom: black 1.5pt solid; text-align: center">Weighted Average
Exercise Price</td> <td style="padding-bottom: 1.5pt; text-align: center"> </td> <td style="padding-bottom: 1.5pt; text-align: center"> </td> <td colspan="2" style="border-bottom: black 1.5pt solid; text-align: center">Total Intrinsic Value</td> <td style="padding-bottom: 1.5pt; text-align: center"> </td> <td style="padding-bottom: 1.5pt; text-align: center"> </td> <td colspan="2" style="border-bottom: black 1.5pt solid; text-align: center">Weighted Average Remaining Contractual Life (in years)</td> <td style="padding-bottom: 1.5pt; text-align: center"> </td></tr><tr style="vertical-align: bottom; background-color: #CCEEFF"> <td style="width: 48%">Outstanding as of December 31, 2015 (as reported)</td> <td style="width: 1%"> </td> <td style="width: 1%"> </td> <td style="width: 10%; text-align: right">2,670,000</td> <td style="width: 1%"> </td> <td style="width: 10%; text-align: right">\$</td> <td style="width: 10%; text-align: right">0.20</td> <td style="width: 1%"> </td> <td style="width: 10%; text-align: right">2,118,000</td> <td style="width: 1%"> </td> <td style="width: 10%; text-align: right">4.0</td> <td style="width: 1%"> </td></tr><tr style="vertical-align: bottom; background-color: white"> <td style="padding-bottom: 1.5pt; padding-left: 10pt">Adjustment to stock options</td> <td style="padding-bottom: 1.5pt"> </td> <td style="border-

150,000	0.10	134,000	2.1
Outstanding as of December 31, 2015			
2,820,000	0.19	2,252,000	3.9
Non-employee options exercised			
(100,000)	0.11	-	-
Outstanding as of March 31, 2016			
2,720,000	0.19	3,061,000	3.8
Options vested and expected to vest as of March 31, 2016			
2,720,000	0.19	995,000	0.19
1,126,000	3.9		

Restricted Stock
A summary of the restricted stock award activity for the three months ended March 31, 2016 is as follows:

Times, Serif; margin: 0; text-align: justify"> </p><table cellspacing="0" cellpadding="0" style="font: 12pt Times New Roman, Times, Serif; width: 100%; border-collapse: collapse"><tr style="vertical-align: bottom"> <td style="text-align: center"> </td> <td style="padding-bottom: 1.5pt; text-align: center"> </td> <td style="padding-bottom: 1.5pt; text-align: center"> </td> <td colspan="2" style="border-bottom: black 1.5pt solid; text-align: center">Number of Units</td> <td style="padding-bottom: 1.5pt; text-align: center"> </td> <td colspan="2" style="border-bottom: black 1.5pt solid; text-align: center">Weighted Average Grant Date Fair Value</td> <td style="padding-bottom: 1.5pt; text-align: center"> </td></tr><tr style="vertical-align: bottom; background-color: #CCEEFF"> <td style="width: 57%">Nonvested at December 31, 2015</td> <td style="width: 1%"> </td> <td style="width: 1%"> </td> <td style="width: 18%; text-align: right">650,000</td> <td style="width: 1%"> </td> <td style="width: 1%"> </td> <td style="width: 1%">\$</td> <td style="width: 18%; text-align: right">0.40</td> <td style="width: 1%"> </td></tr><tr style="vertical-align: bottom; background-color: white"> <td style="padding-bottom: 1.5pt; padding-left: 10pt">Vested</td> <td style="padding-bottom: 1.5pt"> </td> <td style="padding-bottom: 1.5pt"> </td> <td style="border-bottom: black 1.5pt solid"> </td> <td style="border-bottom: black 1.5pt solid; text-align: right">(650,000</td> <td style="padding-bottom: 1.5pt"></td> <td style="padding-bottom: 1.5pt"> </td> <td style="border-bottom: black 1.5pt solid">\$</td> <td style="border-bottom: black 1.5pt solid; text-align: right">0.40</td> <td style="padding-bottom: 1.5pt"> </td></tr><tr style="vertical-align: bottom; background-color: #CCEEFF"> <td style="padding-bottom: 2.5pt">Nonvested at March 31, 2016</td> <td style="padding-bottom: 2.5pt"> </td> <td style="padding-bottom: 2.5pt"> </td> <td style="border-bottom: black 2.25pt double"> </td> <td style="border-bottom: black 2.25pt double; text-align: right">-</td> <td style="padding-bottom: 2.5pt"> </td> <td style="padding-bottom: 2.5pt"> </td> <td style="border-bottom: black 2.25pt double">\$</td> <td style="border-bottom: black 2.25pt double; text-align: right">-</td> <td style="padding-bottom: 2.5pt"> </td></tr></table><p style="font: 10pt Times New Roman, Times, Serif; margin: 0"> </p><p style="font: 10pt Times New Roman, Times, Serif; margin: 0"><i>Warrants</i></p><p style="font: 10pt Times New Roman, Times, Serif; margin: 0"><i> </i></p><p style="font: 10pt Times New Roman, Times, Serif; margin: 0; text-align: justify">A summary of the status of the Company’s outstanding warrants as of March 31, 2016 and changes during the three months ended March 31, 2016 is presented below:</p><p style="font: 10pt Times New Roman, Times, Serif; margin: 0"> </p><table cellspacing="0" cellpadding="0" style="font: 12pt Times New Roman, Times, Serif; width: 100%; border-collapse: collapse"><tr style="vertical-align: bottom"> <td style="text-align: center"> </td> <td style="padding-bottom: 1.5pt; text-align: center"> </td> <td style="padding-bottom: 1.5pt; text-align: center"> </td> <td colspan="2" style="border-bottom: black 1.5pt solid; text-align: center">Number of Warrants</td> <td style="padding-bottom: 1.5pt; text-align: center"> </td> <td style="padding-bottom: 1.5pt; text-align: center"> </td> <td colspan="2" style="border-bottom: black 1.5pt solid; text-align: center">Weighted Average
Exercise Price</td> <td style="padding-bottom: 1.5pt; text-align: center"> </td> <td style="padding-bottom: 1.5pt; text-align: center"> </td> <td colspan="2" style="border-bottom: black 1.5pt solid; text-align: center">Total Intrinsic Value</td> <td style="padding-bottom: 1.5pt; text-align: center"> </td> <td style="padding-bottom: 1.5pt; text-align: center"> </td> <td colspan="2" style="border-bottom: black 1.5pt solid; text-align: center">Weighted Average Remaining Contractual Life (in years)</td> <td style="padding-bottom: 1.5pt; text-align: center"> </td></tr><tr style="vertical-align: bottom; background-color: #CCEEFF"> <td style="width: 47%">Outstanding as of December 31, 2015</td> <td style="width: 1%"> </td> <td style="width: 1%"> </td> <td style="width: 10%; text-align: right">1,850,000</td> <td style="width: 1%"> </td> <td style="width: 1%"> </td> <td style="width: 1%">\$</td> <td style="width: 10%; text-align: right">0.31</td> <td style="width: 1%"> </td> <td style="width: 1%"> </td> <td style="width: 1%">\$</td> <td style="width: 10%; text-align: right">1,249,000</td> <td style="width: 1%"> </td> <td style="width: 1%"> </td> <td style="width: 1%"> </td> <td style="width: 10%; text-align: right">4.3</td> <td style="width: 1%"> </td></tr></table><tr style="vertical-align: bottom; background-color: white"></tr></table></p></div>

Issued	175,000	0.97	61,000	4.9	2,025,000	0.37	1,921,000	4.1	2,025,000	0.37	1,921,000	4.1
Outstanding as of March 31, 2016	2,025,000	0.37	1,921,000	4.1	Warrants exercisable as of March 31, 2016							
Outstanding as of March 31, 2015	2,025,000	0.37	1,921,000	4.1	Warrants exercisable as of March 31, 2015							

Employee restricted stock awards

	136	31	
	3	460	

Employee stock option awards

	31	460	
	3	460	

Non-employee option awards

	31	460	
	3	460	

#160;	#160;	10pt">32</td>
#160;	<td style="padding-bottom: 2.5pt">Total compensation expense</td>	
#160;	\$</td>	627</td>
#160;	#160;	#160;
\$</td>	35</td>	#160;

<p style="margin: 0pt"></p><p style="font: 10pt/normal Times New Roman, Times, Serif; margin: 0; text-align: justify">Note 8 – Subsequent Events</p><p style="font: 10pt/normal Times New Roman, Times, Serif; margin: 0; text-align: justify; text-indent: 0in"> </p><p style="font: 10pt/normal Times New Roman, Times, Serif; margin: 0; text-align: justify">The Company has evaluated all events that occurred after the balance sheet date through the date when the financial statements were issued to determine if they must be reported. The Management of the Company determined that the following reportable subsequent event(s) need to be disclosed:</p><p style="font: 10pt/normal Times New Roman, Times, Serif; margin: 0; text-align: justify; text-indent: 0in"> </p><p style="font: 10pt/normal Times New Roman, Times, Serif; margin: 0; text-align: justify">In April 2016, the Company entered into a private placement offering with an investor and issued 117,188 shares of the Company's common stock and 46,875 warrants for \$75,000. The warrants have a 5-year term and an exercise price of \$0.97.</p><p style="font: 10pt/normal Times New Roman, Times, Serif; margin: 0; text-align: justify; text-indent: 0in"> </p><p style="font: 10pt/normal Times New Roman, Times, Serif; margin: 0; text-align: justify">In June 2016, the Company entered into a private placement offering with an investor and issued 100,000 shares of the Company's common stock and 250,000 warrants for \$250,000. The warrants have a 5-year term and an exercise price of \$3.97. 100,000 shares issued in this offering is subjected to “price protection” for a twelve-month period. Specifically, in the event the Company issues to any person common stock or their equivalent at a lower price per share than \$2.50 (the “Lower Price”), the Company shall, simultaneously with the issuance of such shares, issued that investor a number of additional common shares (the “Additional Shares”) necessary to cause the 100,000 purchased plus the Additional Shares to have a combined average cost per share equal to the Lower Price, provided that in no event shall the Additional Shares exceed 100,000 shares. The price protection featured was analyzed by the Company and the Company determined that such feature was not required to be bifurcated from the common stock and recorded as a derivative as the price protection feature is clearly and closely related to an equity host. In November 2016, the Lower Price was triggered and the Company became obligated to issue an additional 100,000 shares of common stock under the arrangement.</p><p style="font: 10pt/normal Times New Roman, Times, Serif; margin: 0; text-align: justify; text-indent: 0in"> </p><p style="font: 10pt/normal Times New Roman, Times, Serif; margin: 0; text-align: justify">In August 2016, the Company entered into a private placement offering with an investor and issued 40,000 shares of the Company's common stock and 100,000 warrants for \$100,000. The warrants have a 5-year term and an exercise price of \$2.94.</p><p style="font: 10pt/normal Times New Roman, Times, Serif; margin: 0; text-align: justify; text-indent: 0in"> </p><p style="font: 10pt/normal Times New Roman, Times, Serif; margin: 0; text-align: justify">In August 2016, 221,875 warrants with a weighted average exercise price of \$0.97 were exercised for cash consideration of \$215,000. The investors were granted 221,875 additional warrants in August 2016 with a 5-year term and an exercise price of \$2.70 per share.</p><p style="font: 10pt/normal Times New Roman, Times, Serif; margin: 0; text-align: justify; text-indent: 0in"> </p><p style="font: 10pt/normal Times New Roman, Times, Serif; margin: 0; text-align: justify">On November 1, 2016, the Company entered into an additional private placement offering with an investor and sold 100,000 shares of common stock and 250,000 warrants for \$100,000. The warrants have a 5-year term and an exercise price of \$1.16 per share. </p><p style="font: 10pt/normal Times New Roman, Times, Serif; margin: 0; text-align: justify; text-indent: 0in"> </p><p style="font: 10pt/normal Times New Roman, Times, Serif; margin: 0; text-align: justify">On February 25, 2009, the Company was granted an exclusive, worldwide, transferable, perpetual license to use certain proprietary technology for the processing of lithium for use in batteries and other fields by a third party. However, since contractually agreed thresholds were not met and the technology was not used, the Company negotiated an amendment and release related to this license in November 2016. Pursuant to the amendment and release, and subject to certain contingencies set forth in the amendment and release, the third party will retain two million of the three million total shares from the original license and will forfeit the remaining one million shares. The two million shares to be retained by the third party will be subject to customary transfer restrictions for restricted shares. No effect has been given to this transaction in the accompanying financial statements.</p><p style="font: 10pt/normal Times New Roman, Times, Serif; margin: 0; text-align: justify; text-indent: 0in"> </p><p style="font: 10pt/normal Times New Roman, Times, Serif; margin: 0; text-align: justify">On December 6, 2016, the Company cancelled 210,000 shares and exchanged

210,000 shares into 210,000 options with an exercise price of \$1.08 and a 5-year term to a consultant who previously performed services prior to 2014. The consultant is related to George McKeegan, a Board member of the Company.

Basis of Presentation and Principles of Consolidation

The accompanying unaudited condensed consolidated financial statements include the accounts of the Company and its subsidiaries. For consolidated entities where the Company owns less than 100% of the subsidiary, the Company records net income (loss) attributable to non-controlling interests in its condensed consolidated statements of operations equal to the percentage of the economic or ownership interest retained in such entities by the respective non-controlling parties.

The unaudited condensed consolidated financial statements have been prepared by the Company pursuant to the rules and regulations of the Securities and Exchange Commission (the SEC) and reflect all adjustments (consisting of normal recurring adjustments unless otherwise indicated) which, in the opinion of management, are necessary for a fair presentation of the results for the interim periods presented.

Certain information in footnote disclosures normally included in the financial statements prepared in conformity with accounting principles generally accepted in the United States of America have been condensed or omitted pursuant to the SEC rules and regulations for interim reporting. The financial results for the periods presented may not be indicative of the full year's results.

These unaudited condensed consolidated financial statements should be read in conjunction with the Company's audited consolidated financial statements and the notes thereto for the fiscal year ended December 31, 2015 included in the Company's Annual Report on Form 10-K filed on October 20, 2016.

The Company's unaudited condensed consolidated financial statements include the accounts of the Company and its subsidiaries. All intercompany balances and transactions have been eliminated.

Use of Estimates

The Company's unaudited condensed consolidated financial statements include certain amounts that are based on management's best estimates and judgments. The Company's significant estimates include, but are not limited to, useful lives assigned to long-lived assets, fair value measurements, stock-based compensation, accrued expenses, provisions for income taxes and contingencies. Due to the uncertainty inherent in such estimates, actual results may differ from these estimates.

Fair Value Measurements

Accounts Payable and Accrued Expenses. The carrying amounts of accounts payable and accrued expenses approximate fair value as these accounts are largely current and short term in nature.

Cash

As of March 31, 2016 and December 31, 2015, substantially all of the Company's cash was held at major financial institutions and the balance at certain accounts may exceed the maximum amount insured by the Federal Deposit Insurance Corporation. However, the Company has not experienced losses on these accounts and management believes that the Company is not exposed to significant risks on such accounts.

Property and Equipment

Office equipment is recorded at cost and depreciated using the straight-line method over the estimated useful life of each asset, generally three years.

Impairment of Long-Lived Assets

The Company reviews long-lived assets, including property and equipment, for impairment whenever events or

changes in business circumstances indicate that the carrying amount of the assets may not be fully recoverable. Factors that the Company considers in deciding when to perform an impairment review include significant underperformance of the business in relation to expectations, significant negative industry or economic trends, and significant changes or planned changes in the use of the assets. If an impairment review is performed to evaluate a long-lived asset for recoverability, the Company compares forecasts of undiscounted cash flows expected to result from the use and eventual disposition of the long-lived asset to its carrying value. An impairment loss would be recognized when estimated undiscounted future cash flows expected to result from the use of an asset are less than its carrying amount. The impairment loss would be based on the excess of the carrying value of the impaired asset over its fair value. There was no impairment of long-lived assets during the quarter ended March 31, 2016.

Research and Development

Research and development costs are expensed as incurred. Advance payments for goods and services that will be used in future research and development activities are expensed when the activity has been performed or when the goods have been received rather than when the payment is made. Upfront and milestone payments due to third parties that perform research and development services on the Company's behalf will be expensed as services are rendered or when the milestone is achieved.

Research and development costs primarily consist of personnel related expenses, including salaries, benefits, travel, and other related expenses, stock-based compensation, payments made to third parties for license and milestone costs related to in-licensed products and technology, payments made to third party contract research organizations, consultants, the cost of acquiring and manufacturing clinical trial materials, and costs associated with regulatory filings, laboratory costs and other supplies.

In accordance with ASC 730-10-25-1, *Research and Development*, costs incurred in obtaining technology licenses are charged to research and development expense if the technology licensed has not reached commercial feasibility and has no alternative future use. Certain licenses purchased by the Company require substantial completion of research and development and regulatory and marketing approval efforts in order to reach commercial feasibility and have no alternative future use.

Contingencies

The Company records accruals for contingencies and legal proceedings expected to be incurred in connection with a loss contingency when it is probable that a liability has been incurred and the amount can be reasonably estimated.

If a loss contingency is not probable but is reasonably possible, or is probable but cannot be estimated, the nature of the contingent liability, together with an estimate of the range of possible loss if determinable and material, would be disclosed.

Stock-Based Compensation

The Company expenses stock-based compensation to employees over the requisite service period based on the estimated grant-date fair value of the awards and forfeiture rates. For stock-based compensation awards to non-employees, the Company remeasures the fair value of the non-employee awards at each reporting period prior to vesting and finally at the vesting date of the award. Changes in the estimated fair value of these non-employee awards are recognized as compensation expense in the period of change.

The Company estimates the fair value of stock options grants using the Black-Scholes option pricing model and the assumptions used in calculating the fair value of stock-based awards represent management's best estimates and involve inherent uncertainties and the application of management's judgment.

Income Taxes

The Company records income taxes using the asset and liability method. Deferred income tax assets and liabilities are recognized for the future tax effects attributable to temporary differences between the financial statement carrying amounts of existing assets and liabilities and their respective income tax bases, and operating loss and tax credit carryforwards. The Company establishes a valuation allowance if it is more likely than not that the deferred tax assets will not be recovered

based on an evaluation of objective verifiable evidence. Fortax positions that are more likely than not of being sustained upon audit, the Company recognizes the largest amount of the benefitthat is greater than 50% likely of being realized. For tax positions that are not more likely than not of being sustained uponaudit, the Company does not recognize any portion of the benefit.

Loss Per Share

* *

Basic loss per share of common stockis computed by dividing net loss applicable to common stockholders by the weighted average number of shares of common stock outstandingfor the period. Diluted loss per share excludes the potential impact of common stock options, unvested shares of restricted stockand outstanding common stock purchase warrants because their effect would be anti-dilutive.

* *

Securities that could potentially dilutelos per share in the future that were not included in the computation of diluted loss per share at March 31, 2016 and 2015 areas follows:

					As of March 31,
					2016
					2015
					Warrants to purchase common stock
					2,025,000
					150,000
					Options to purchase common stock
					4,170,000
					2,670,000
					Total
					6,195,000
					2,820,000

Non-Controlling Interests

Non-controlling interests in consolidatedentities represent the component of equity in consolidated entities held by third parties. Any change in ownership of a subsidiarywhile the controlling financial interest is retained is accounted for as an equity transaction between the controlling and non-controllinginterests.

Recent Accounting Pronouncements

In February 2016, the FASB issued ASU2016-02,

Leases (Topic 842) ([ASU 2016-02](#)). ASU 2016-02 requires an entity to recognize right-of-use assets and lease liabilities on its balance sheet and disclose key information about leasing arrangements. Lessees and lessors are required to disclose qualitative and quantitative information about leasing arrangements to enable a user of the financial statements to assess the amount, timing and uncertainty of cash flows arising from leases. ASU 2016-02 is effective for fiscal years, and interim periods within those years, beginning after December 15, 2018. Early adoption is permitted. The Company is currently in the process of evaluating the impact of adoption of ASU 2016-02 on the consolidated financial statements and related disclosures.

In March 2016, the FASB issued ASU No. 2016-09, *Compensation-Stock Compensation (Topic 718), Improvements to Employee Share-Based Payment Accounting* ([ASU 2016-09](#)). Under ASU 2016-09, companies will no longer record excess tax benefits and certain tax deficiencies in additional paid-in capital ([APIC](#)). Instead, they will record all excess tax benefits and tax deficiencies as income tax expense or benefit in the income statement and the APIC pools will be eliminated. In addition, ASU 2016-09 eliminates the requirement that excess tax benefits be realized before companies can recognize them. ASU 2016-09 also requires companies to present excess tax benefits as an operating activity on the statement of cash flows rather than as a financing activity. Furthermore, ASU 2016-09 will increase the amount an employer can withhold to cover income taxes on awards and still qualify for the exception to liability classification for shares used to satisfy the employer's statutory income tax withholding obligation. An employer with a statutory income tax withholding obligation will now be allowed to withhold shares with a fair value up to the amount of taxes owed using the maximum statutory tax rate in the employee's applicable jurisdiction(s). ASU 2016-09 requires a company to classify the cash paid to a tax authority when shares are withheld to satisfy its statutory income tax withholding obligation as a financing activity on the statement of cash flows. Under current GAAP, it was not specified how these cash flows should be classified. In addition, companies will now have to elect whether to account for forfeitures on share-based payments by (1) recognizing forfeitures of awards as they occur or (2) estimating the number of awards expected to be forfeited and adjusting the estimate when it is likely to change, as is currently required. These aspects of ASU 2016-09 are effective for reporting periods beginning after December 15, 2016, with early adoption permitted provided that all of the guidance is adopted in the same period. The Company is currently evaluating the impact of ASU 2016-09 on the consolidated financial statements and related disclosures.

In August 2016, the FASB issued ASU No. 2016-15, *Statement of Cash Flows - Classification of Certain Cash Receipts and Cash Payments*, which addresses eight specific cash flow issues with the objective of reducing the existing diversity in practice in how certain cash receipts and cash payments are presented and classified in the statement of cash flows. The standard is effective for fiscal years beginning after December 15, 2017, including interim periods within those fiscal years. Early adoption is permitted, including adoption in an interim period. The Company is currently evaluating the impact of this new pronouncement on its consolidated statements of cash flows.

Following the sale of CLC's shares, the ownership is as follows:

Stockholder	 	Shares	 	Percentage
alpha-En Corporation				
9,095,000		90.95%		
Non-controlling interests	 	 	 	

	905,000		
Total			
	10,000,000		
100.00			

Securities that could potentially dilute loss per share in the future that were not included in the computation of diluted loss per share at March 31, 2016 and 2015 areas follows:

	As of March 31,		
	2016		
	2015		
	Warrants to purchase common stock		
	2,025,000		
	150,000		
	Options to purchase common stock		
	4,170,000		
	2,670,000		
	Total		
	6,195,000		
	2,820,000		

The components of property and equipment as of March 31, 2016 and December 31, 2015, at cost are (dollars in thousands):

	Useful Life (Years)		

line-height: 115%">\$</td> <td style="border-bottom: black 2.25pt double; text-align: right; line-height: 115%">2</td> <td style="line-height: 115%"> </td></tr></table><p style="margin: 0pt"></p> <p style="margin: 0pt"></p><p style="font: 10pt/normal Times New Roman, Times, Serif; margin: 0; text-align: justify">The fair value of options granted in the three months ended March 31, 2016 was estimated using the following weighted-average assumptions:</p><p style="font: 10pt/normal Times New Roman, Times, Serif; margin: 0; text-align: justify; text-indent: 0in"> </p><p style="font: 10pt/normal Times New Roman, Times, Serif; margin: 0; text-align: center; text-indent: 0in"> </p><table cellpadding="0" cellspacing="0" style="font: 11pt Calibri, Helvetica, Sans-Serif; width: 100%; border-collapse: collapse"><tr style="vertical-align: bottom"> <td style="line-height: 115%"> </td> <td style="line-height: 115%"> </td> <td colspan="2" style="border-bottom: black 1.5pt solid; text-align: center; line-height: 115%">As of March 31, 2016</td> <td style="line-height: 115%"> </td></tr><tr style="vertical-align: bottom; background-color: #CCEEFF"> <td style="width: 67%; line-height: 115%">Exercise price</td> <td style="width: 1%; line-height: 115%"> </td> <td style="width: 1%; line-height: 115%">\$</td> <td style="width: 30%; text-align: right; line-height: 115%">0.90</td> <td style="width: 1%; line-height: 115%"> </td></tr><tr style="vertical-align: bottom; background-color: white"> <td style="line-height: 115%">Expected stock price volatility</td> <td style="line-height: 115%"> </td> <td style="line-height: 115%"> </td> <td style="text-align: right; line-height: 115%">80</td> <td style="line-height: 115%">%</td></tr><tr style="vertical-align: bottom; background-color: #CCEEFF"> <td style="line-height: 115%">Risk-free rate of interest</td> <td style="line-height: 115%"> </td> <td style="line-height: 115%"> </td> <td style="text-align: right; line-height: 115%">1.34</td> <td style="line-height: 115%">%</td></tr><tr style="vertical-align: bottom; background-color: white"> <td style="line-height: 115%">Term (years)</td> <td style="line-height: 115%"> </td> <td style="line-height: 115%"> </td> <td style="text-align: right; line-height: 115%">4.6</td> <td style="line-height: 115%"> </td></tr></table><p style="margin: 0pt"></p> <p style="margin: 0pt"></p><p style="font: 10pt/normal Times New Roman, Times, Serif; margin: 0; text-align: justify">A summary of option activity under the Company's employee stock option plan for the three months ended March 31, 2016 is presented below:</p><p style="font: 10pt/normal Times New Roman, Times, Serif; margin: 0; text-align: center; text-indent: 0in"> </p><table cellpadding="0" cellspacing="0" style="font: 11pt Calibri, Helvetica, Sans-Serif; width: 100%; border-collapse: collapse"><tr style="vertical-align: bottom"> <td style="text-align: center; line-height: 115%"> </td> <td style="text-align: center; line-height: 115%"> </td> <td colspan="2" style="border-bottom: black 1.5pt solid; text-align: center; line-height: 115%">Number of Shares</td> <td style="text-align: center; line-height: 115%"> </td> <td style="text-align: center; line-height: 115%"> </td></tr><tr style="vertical-align: bottom; background-color: #CCEEFF"> <td colspan="2" style="border-bottom: black 1.5pt solid; text-align: center; line-height: 115%">Weighted Average
Exercise Price</td> <td style="text-align: center; line-height: 115%"> </td> <td style="text-align: center; line-height: 115%"> </td> <td colspan="2" style="border-bottom: black 1.5pt solid; text-align: center; line-height: 115%">Total Intrinsic Value</td> <td style="text-align: center; line-height: 115%"> </td> <td style="text-align: center; line-height: 115%"> </td> <td colspan="2" style="border-bottom: black 1.5pt solid; text-align: center; line-height: 115%">Weighted Average Remaining Contractual Life (in years)</td> <td style="text-align: center; line-height: 115%"> </td></tr><tr style="vertical-align: bottom; background-color: #CCEEFF"> <td style="width: 48%; line-height: 115%">Outstanding as of December 31, 2015</td> <td style="width: 1%; line-height: 115%"> </td> <td style="width: 1%; line-height: 115%"> </td> <td style="width: 10%; text-align: right; line-height: 115%">1,050,000</td> <td style="width: 1%; line-height: 115%"> </td> <td style="width: 1%; line-height: 115%"> </td> <td style="width: 1%; line-height: 115%">\$</td> <td style="width: 10%; text-align: right; line-height: 115%">0.27</td> <td style="width: 1%; line-height: 115%"> </td> <td style="width: 1%; line-height: 115%"> </td> <td style="width: 1%; line-height: 115%">\$</td> <td style="width: 1%; line-height: 115%"> </td></tr></table>

757,000			5.1	
Employee options granted			400,000	
0.90			6.8	
Outstanding as of March 31, 2016		1,450,000		0.44
1,271,000			5.4	0.44
Options vested and expected to vest as of March 31, 2016		1,450,000	0.44	0.44
1,271,000	5.4	0.44	285,000	2.0

Times New Roman, Times, Serif; margin: 0; text-align: justify">A summary of activity of options granted to non-employees for the three months ended March 31, 2016 is presented below:</p><p style="font: 10pt/normal Times New Roman, Times, Serif; margin: 0; text-align: center; text-indent: 0in"> </p><table cellspacing="0" cellpadding="0" style="font: 11pt Calibri, Helvetica, Sans-Serif; width: 100%; border-collapse: collapse"><tr style="vertical-align: bottom"> <td style="text-align: center; line-height: 115%"> </td> <td style="text-align: center; line-height: 115%"> </td> <td colspan="2" style="border-bottom: black 1.5pt solid; text-align: center; line-height: 115%">Number of Shares</td> <td style="text-align: center; line-height: 115%"> </td> <td colspan="2" style="border-bottom: black 1.5pt solid; text-align: center; line-height: 115%">Weighted Average
Exercise Price</td> <td style="text-align: center; line-height: 115%"> </td> <td style="text-align: center; line-height: 115%"> </td> <td colspan="2" style="border-bottom: black 1.5pt solid; text-align: center; line-height: 115%">Total Intrinsic Value</td> <td style="text-align: center; line-height: 115%"> </td> <td style="text-align: center; line-height: 115%"> </td> <td colspan="2" style="border-bottom: black 1.5pt solid; text-align: center; line-height: 115%">Weighted Average Remaining Contractual Life (in years)</td> <td style="text-align: center; line-height: 115%"> </td></tr><tr style="vertical-align: bottom; background-color: #CCEEFF"> <td style="width: 48%; line-height: 115%">Outstanding as of December 31, 2015 (as reported)</td> <td style="width: 1%; line-height: 115%"> </td> <td style="width: 1%; line-height: 115%"> </td> <td style="width: 10%; text-align: right; line-height: 115%">2,670,000</td> <td style="width: 1%; line-height: 115%"> </td> <td style="width: 1%; line-height: 115%"> </td> <td style="width: 10%; text-align: right; line-height: 115%">\$</td> <td style="width: 10%; text-align: right; line-height: 115%">0.20</td> <td style="width: 1%; line-height: 115%"> </td> <td style="width: 1%; line-height: 115%"> </td> <td style="width: 1%; line-height: 115%"> </td> <td style="width: 10%; text-align: right; line-height: 115%">2,118,000</td> <td style="width: 1%; line-height: 115%"> </td> <td style="width: 1%; line-height: 115%"> </td> <td style="width: 10%; text-align: right; line-height: 115%">4.0</td> <td style="width: 1%; line-height: 115%"> </td></tr><tr style="vertical-align: bottom; background-color: white"> <td style="padding-left: 10pt; line-height: 115%">Adjustment to stock options</td> <td style="line-height: 115%"> </td> <td style="border-bottom: black 1.5pt solid; line-height: 115%"> </td> <td style="border-bottom: black 1.5pt solid; text-align: right; line-height: 115%">150,000</td> <td style="line-height: 115%"> </td> <td style="line-height: 115%"> </td> <td style="border-bottom: black 1.5pt solid; line-height: 115%"> </td> <td style="border-bottom: black 1.5pt solid; text-align: right; line-height: 115%">0.10</td> <td style="line-height: 115%"> </td> <td style="line-height: 115%"> </td> <td style="border-bottom: black 1.5pt solid; line-height: 115%"> </td> <td style="border-bottom: black 1.5pt solid; text-align: right; line-height: 115%">134,000</td> <td style="line-height: 115%"> </td> <td style="border-bottom: black 1.5pt solid; line-height: 115%"> </td> <td style="border-bottom: black 1.5pt solid; text-align: right; line-height: 115%">2.1</td> <td style="line-height: 115%"> </td></tr><tr style="vertical-align: bottom; background-color: #CCEEFF"> <td style="line-height: 115%">Outstanding as of December 31, 2015</td> <td style="line-height: 115%"> </td> <td style="line-height: 115%"> </td> <td style="text-align: right; line-height: 115%">2,820,000</td> <td style="line-height: 115%"> </td> <td style="line-height: 115%"> </td> <td style="text-align: right; line-height: 115%">\$</td> <td style="text-align: right; line-height: 115%">0.19</td> <td style="line-height: 115%"> </td> <td style="line-height: 115%"> </td> <td style="text-align: right; line-height: 115%">2,252,000</td> <td style="line-height: 115%"> </td> <td style="line-height: 115%"> </td> <td style="text-align: right; line-height: 115%">3.9</td> <td style="line-height: 115%"> </td></tr><tr style="vertical-align: bottom; background-

Non-employee options exercised			(100,000			0.11			-			2,720,000			0.19		\$	3,061,000		3.8
Outstanding as of March 31, 2016			2,720,000			0.19		\$	3,061,000		3.8									
Options vested and expected to vest as of March 31, 2016			2,720,000			0.19		\$	3,061,000		3.8									
Options vested and exercisable as of March 31, 2016			995,000			0.19		\$	1,126,000		3.9									

A summary of the restricted stock award activity for the three months ended March 31, 2016 is as follows:

<p style="margin: 0pt;">A summary of the restricted stock award activity for the three months ended March 31, 2016 is as follows:</p>

 	 	Number of Units		 	Weighted Average Grant Date Fair Value	
 	 	Nonvested at December 31, 2015			650,000	
 	 				0.40	
 	 	(650,000)		 	0.40	
 	 	Nonvested at March 31, 2016		 	1,850,000	
 	 	1,850,000		 	0.31	

A summary of the status of the Company's outstanding warrants as of March 31, 2016 and changes during the three months ended March 31, 2016 is presented below:

		Number of Warrants			Weighted Average	
		Exercise Price			Total Intrinsic Value	
		Remaining Contractual Life (in years)			Outstanding as of December 31, 2015	
				1,850,000		
				\$		
				0.31		
				\$		
				1,249,000		

	4.3
Issued	175,000
0.97	61,000
4.9	4.9
Outstanding as of March 31, 2016	2,025,000
0.37	1,921,000
4.1	4.1
Warrants exercisable as of March 31, 2016	2,025,000
0.37	1,921,000
4.1	4.1

Stock-based compensation expense for the three months ended March 31, 2016 and 2015 was comprised of the following (dollars in thousands):

For the Three Months Ended March 31	2016	2015

			28,649,497				26,699,497				32,235,525				30,285,525
Common stock															
286															
267															
322															
303															
Additional paid-in capital															
10,741															
8,130															
10,705															
8,094															

The following table provides a comparison between the previously filed numbers and the numbers after the correction for the years ended December, 31:

--

<p>Previous Filings</p>						<p>After Correction of Error</p>
<p>2015</p>						<p>2015</p>
<p>2014</p>						<p>2014</p>
<p>Net loss</p>						<p>1,792,000</p>
<p>Net loss per share</p>						<p>(0.07)</p>
<p>Weighted-average shares</p>						<p>27,263,059</p>
<p></p>						<p>26,394,554</p>
<p></p>						<p>30,849,087</p>
<p></p>						<p>29,980,582</p>

The Company estimated the lease

commencementdate is in February, 2017. Contractual minimal lease payments are as follows (in thousands):

2016				139
2017				139
2018				139
2019				139
2020				139
2021				139
2022				139
2023				139
2024				139
2025				139
2026				139
2027				139
2028				139
2029				139
2030				139
Thereafter				139
Total				139000

139000
210000
213000
217000
744000
1523000
100000
75000
250000
100000
210000
210000
210000
627000
35000
31000
460000
32000
3000
136000
3586028
36000
-36000
EX-101.SCH 5 alpe-20160331.xsd XBRL SCHEMA FILE 00000001

- Document - Document and Entity Information link:presentationLink link:calculationLink link:definitionLink 00000002 - Statement - Condensed Consolidated Balance Sheets (Unaudited) link:presentationLink link:calculationLink link:definitionLink 00000003 - Statement - Condensed Consolidated Balance Sheets (Unaudited) (Parenthetical) link:presentationLink link:calculationLink link:definitionLink 00000004 - Statement - Condensed Consolidated Statements of Operations (Unaudited) link:presentationLink link:calculationLink link:definitionLink 00000005 - Statement - Condensed Consolidated Statement of Stockholders' Equity (Unaudited) link:presentationLink link:calculationLink link:definitionLink 00000006 - Statement - Condensed Consolidated Statements of Cash Flows (Unaudited) link:presentationLink link:calculationLink link:definitionLink 00000007 - Disclosure - Organization and Operations link:presentationLink link:calculationLink link:definitionLink 00000008 - Disclosure - Going Concern and Liquidity link:presentationLink link:calculationLink link:definitionLink 00000009 - Disclosure - Significant and Critical Accounting Policies and Practices link:presentationLink link:calculationLink link:definitionLink 00000010 - Disclosure - Property and Equipment link:presentationLink link:calculationLink link:definitionLink 00000011 - Disclosure - Related Party Transactions link:presentationLink link:calculationLink link:definitionLink 00000012 - Disclosure - Stockholders' Equity link:presentationLink link:calculationLink link:definitionLink 00000013 - Disclosure - Contingencies and Commitments link:presentationLink link:calculationLink link:definitionLink 00000014 - Disclosure - Subsequent Events link:presentationLink link:calculationLink link:definitionLink 00000015 - Disclosure - Significant and Critical Accounting Policies and Practices (Policies) link:presentationLink link:calculationLink link:definitionLink 00000016 - Disclosure - Organization and Operations (Tables) link:presentationLink link:calculationLink link:definitionLink

00000017 - Disclosure - Significant and Critical Accounting Policies and Practices (Tables) link:presentationLink link:calculationLink link:definitionLink 00000018 - Disclosure - Property and Equipment (Tables) link:presentationLink link:calculationLink link:definitionLink 00000019 - Disclosure - Stockholders' Equity (Tables) link:presentationLink link:calculationLink link:definitionLink 00000020 - Disclosure - Contingencies and Commitments (Tables) link:presentationLink link:calculationLink link:definitionLink 00000021 - Disclosure - Organization and Operations (Details Narrative) link:presentationLink link:calculationLink link:definitionLink 00000022 - Disclosure - Organization and Operations - Schedule of Ownership Interest in the Subsidiary Company (Details) link:presentationLink link:calculationLink link:definitionLink 00000023 - Disclosure - Going Concern and Liquidity (Details Narrative) link:presentationLink link:calculationLink link:definitionLink 00000024 - Disclosure - Significant and Critical Accounting Policies and Practices (Details Narrative) link:presentationLink link:calculationLink link:definitionLink 00000025 - Disclosure - Significant and Critical Accounting Policies and Practices - Schedule of Antidilutive Securities Excluded from Computation of Earnings Per Share (Details) link:presentationLink link:calculationLink link:definitionLink 00000026 - Disclosure - Property and Equipment (Details Narrative) link:presentationLink link:calculationLink link:definitionLink 00000027 - Disclosure - Property and Equipment - Schedule of Property and Equipment (Details) link:presentationLink link:calculationLink link:definitionLink 00000028 - Disclosure - Related Party Transactions (Details Narrative) link:presentationLink link:calculationLink link:definitionLink 00000029 - Disclosure - Stockholders' Equity (Details Narrative) link:presentationLink link:calculationLink link:definitionLink 00000030 - Disclosure - Stockholders' Equity - Schedule of Adjustment to Outstanding Shares and Options Equity (Details) link:presentationLink link:calculationLink link:definitionLink 00000031 - Disclosure - Stockholders' Equity - Schedule of Adjustment to Outstanding Shares and Options Operation (Details) link:presentationLink link:calculationLink link:definitionLink 00000032 - Disclosure - Stockholders' Equity - Schedule of Fair Value of Assumptions (Details) link:presentationLink link:calculationLink link:definitionLink 00000033 - Disclosure - Stockholders' Equity - Schedule of Stock Options, Activity (Details) link:presentationLink link:calculationLink link:definitionLink 00000034 - Disclosure - Stockholders' Equity - Schedule of Nonvested Restricted Stock (Details) link:presentationLink link:calculationLink link:definitionLink 00000035 - Disclosure - Stockholders' Equity - Schedule of Warrants Outstanding(Details) link:presentationLink link:calculationLink link:definitionLink 00000036 - Disclosure - Stockholders' Equity - Schedule of Stock-based Compensation Expense (Details) link:presentationLink link:calculationLink link:definitionLink 00000037 - Disclosure - Contingencies and Commitments (Details Narrative) link:presentationLink link:calculationLink link:definitionLink 00000038 - Disclosure - Contingencies and Commitments - Schedule of Contractual Minimum Lease Payments (Details) link:presentationLink link:calculationLink link:definitionLink 00000039 - Disclosure - Subsequent Events (Details Narrative) link:presentationLink link:calculationLink link:definitionLink EX-101.CAL 6 alpe-20160331_cal.xml XBRL CALCULATION FILE EX-101.DEF 7 alpe-20160331_def.xml XBRL DEFINITION FILE EX-101.LAB 8 alpe-20160331_lab.xml XBRL LABEL FILE Common Class B [Member] Class of Stock [Axis] Common Stock [Member] Equity Components [Axis] Additional Paid-in Capital [Member] Treasury Stock [Member] Accumulated Deficit [Member] Noncontrolling Interest [Member] Clean Lithium Corporation [Member] Legal Entity [Axis] Lab Equipment [Member] Property, Plant and Equipment, Type [Axis] Employee Stock Option [Member] Award Type [Axis] Non Employee Stock Option [Member] Restricted Stock [Member] Warrant [Member] Financial Instrument [Axis] Alpha-En Corporation [Member] Investment, Name [Axis] Stock Option [Member] Option Indexed to Issuer's Equity [Axis] Office Furniture Equipment [Member] Leasehold Improvements [Member] Chief Executive Officer [Member] Related Party [Axis] Non-Employee [Member] Private Placement [Member] Sale of Stock [Axis] Investor [Member] Consultant [Member] Title of Individual [Axis] Previous Filings [Member] Scenario [Axis] After Correction of Error [Member] Hudson View Building, LLC [Member] Type of Arrangement [Axis] Subsequent Event [Member] Subsequent Event Type [Axis] Price Protection [Member] Additional Shares [Member] Additional Warrant [Member] Additional Private Placement [Member] Employee Restricted Stock Awards [Member] Document And Entity Information Entity Registrant Name Entity Central Index Key Document Type Document Period End Date Amendment Flag Current Fiscal Year End Date Entity Filer Category Entity Common Stock, Shares Outstanding Trading Symbol Document Fiscal Period Focus Document Fiscal Year Focus Statement [Table] Statement [Line Items] ASSETS Current assets Cash Prepaid expenses Due from related party Total current assets Property and equipment, net Total assets LIABILITIES AND STOCKHOLDERS' EQUITY Current liabilities Accounts payable and accrued expenses Advances from related parties Total current liabilities Total liabilities COMMITMENTS AND CONTINGENCIES Stockholders' equity: Preferred stock par value \$0.01: 2,000,000 shares authorized; none issued or outstanding Common stock Additional paid-in capital Treasury stock at cost: 714,750 shares as of March 31, 2016 and December 31, 2015 Accumulated deficit Shareholders' equity attributed to alpha-En Corporation stockholders Non-controlling interest Total stockholders' equity TOTAL LIABILITIES AND STOCKHOLDERS' EQUITY Preferred stock, par or stated value per share Preferred stock, shares authorized Preferred stock, shares issued Preferred stock, shares outstanding Common stock, par or stated value per share Common stock, shares authorized Common stock, shares, issued EX-101.PRE 9 alpe-20160331_pre.xml XBRL

Document and Entity Information	3 Months Ended	
- shares	Mar. 31, 2016	Jan. 05, 2017

Document And Entity Information

<u>Entity Registrant Name</u>	alpha-En Corp
<u>Entity Central Index Key</u>	0001023298
<u>Document Type</u>	10-Q
<u>Document Period End Date</u>	Mar. 31, 2016
<u>Amendment Flag</u>	false
<u>Current Fiscal Year End Date</u>	--12-31
<u>Entity Filer Category</u>	Smaller Reporting Company
<u>Entity Common Stock, Shares Outstanding</u>	32,892,089
<u>Trading Symbol</u>	ALPE
<u>Document Fiscal Period Focus</u>	Q1
<u>Document Fiscal Year Focus</u>	2016

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Condensed Consolidated Balance

Sheets (Unaudited) - USD (\$)
\$ in Thousands

Mar. 31, 2016 Dec. 31, 2015**Current assets**

<u>Cash</u>	\$ 693	\$ 730
<u>Prepaid expenses</u>	340	301
<u>Due from related party</u>		61
<u>Total current assets</u>	1,033	1,092
<u>Property and equipment, net</u>	36	2
<u>Total assets</u>	1,069	1,094

Current liabilities

<u>Accounts payable and accrued expenses</u>	319	341
<u>Advances from related parties</u>	92	62
<u>Total current liabilities</u>	411	403
<u>Total liabilities</u>	411	403

COMMITMENTS AND CONTINGENCIES**Stockholders' equity:**Preferred stock par value \$0.01: 2,000,000 shares authorized; none issued or outstanding

<u>Common stock</u>	334	322
<u>Additional paid-in capital</u>	11,692	10,705
<u>Treasury stock at cost: 714,750 shares as of March 31, 2016 and December 31, 2015</u>	(69)	(69)
<u>Accumulated deficit</u>	(11,134)	(10,169)
<u>Shareholders' equity attributed to alpha-En Corporation stockholders</u>	823	789
<u>Non-controlling interest</u>	(165)	(98)
<u>Total stockholders' equity</u>	658	691
<u>TOTAL LIABILITIES AND STOCKHOLDERS' EQUITY</u>	1,069	1,094

Common Class B [Member]**Stockholders' equity:**Common stock

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**Condensed Consolidated Balance
Sheets (Unaudited) (Parenthetical)
- \$ / shares**

	Mar. 31, 2016	Dec. 31, 2015
Preferred stock, par or stated value per share	\$ 0.01	\$ 0.01
Preferred stock, shares authorized	2,000,000	2,000,000
Preferred stock, shares issued		
Preferred stock, shares outstanding		
Common stock, par or stated value per share	\$ 0.01	\$ 0.01
Common stock, shares authorized	35,000,000	35,000,000
Common stock, shares, issued	33,423,026	32,235,525
Common stock, shares, outstanding	33,423,026	32,235,525
Treasury stock, shares	714,750	714,750
Common Class B [Member]		
Common stock, par or stated value per share		
Common stock, shares authorized	1,000,000	1,000,000
Common stock, shares, issued		
Common stock, shares, outstanding		

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**Condensed Consolidated
Statements of Operations
(Unaudited) - USD (\$)
\$ in Thousands**

3 Months Ended

Mar. 31, 2016 Mar. 31, 2015

Operating expenses

General and administrative	\$ 583	\$ 28
Legal and professional fees	49	7
Research and development	394	28
Total operating expenses	1,026	63
Net loss	(1,026)	(63)
Less: net loss attributable to non-controlling interest	(61)	(1)
Net loss attributable to alpha-En Corporation	\$ (965)	\$ (62)
Net loss per share attributable to alpha-En Corporation common stockholders		
Basic and diluted	\$ (0.03)	\$ 0.00
<u>Weighted average shares outstanding:</u>		
Basic and diluted	32,448,987	30,285,525

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Condensed Consolidated Statement of Stockholders' Equity (Unaudited) - USD (\$) \$ in Thousands	Common Stock [Member]	Additional Paid-in Capital [Member]	Treasury Stock [Member]	Accumulated Deficit [Member]	Noncontrolling Interest [Member]	Total
Balance at Dec. 31, 2014	\$ 286	\$ 10,741	\$ (69)	\$ (10,169)	\$ (98)	\$ 691
Balance, Shares at Dec. 31, 2014	28,649,497		714,750			
Correction to outstanding shares	\$ 36	(36)				
Correction to outstanding shares, Shares	3,586,028					
Balance at Dec. 31, 2015	\$ 322	10,705	\$ (69)	(10,169)	(98)	691
Balance, Shares at Dec. 31, 2015	32,235,525		714,750			

Stock based compensation		627				627
Issuance of restricted stock to employee	\$ 7	(7)				
Issuance of restricted stock to employee, Shares	650,000					
Options exercised for cash	\$ (1)	(10)				11
Options exercised for cash, Shares	100,000					
Issuance of common stock and warrants in a private placement	\$ 4	276				280
Issuance of common stock and warrants in a private placement, Shares	437,501					
Issuance of subsidiary common stock for service		81		(6)		(75)
Net loss				(965)	(61)	(1,026)
Balance at Mar. 31, 2016	\$ 334	\$ 11,692	\$ (69)	\$ (11,134)	\$ (165)	\$ 658
Balance, Shares at Mar. 31, 2016	33,423,026		714,750			

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**Condensed Consolidated
Statements of Cash Flows
(Unaudited) - USD (\$)
\$ in Thousands**

3 Months Ended

Mar. 31, 2016 Mar. 31, 2015

Cash flows from operating activities

[Net loss](#) \$ (1,026) \$ (63)

Adjustments to reconcile net loss to net cash used in operating activities:

[Depreciation and amortization](#) 1

[Stock-based compensation](#) 627 35

[Issuance of subsidiary common stock for service](#) 75

Changes in operating assets and liabilities of business:

[Prepaid expenses](#) (39) (69)

[Due from related parties](#) 61

[Accounts payable and accrued expenses](#) (22) 2

[Net cash used in operating activities](#) (323) (95)

Cash flows from investing activities

[Purchase of fixed assets](#) (35) (2)

[Net cash used in investing activities](#) (35) (2)

Cash flows from financing activities

[Options exercised for cash](#) 11

[Proceeds from issuance of common stock and warrants in private placement](#) 280

[Advances from related parties](#) 50

[Repayments of advances from related parties](#) (20)

[Net cash provided by financing activities](#) 321

[Net decrease in cash](#) (37) (97)

[Cash at beginning of period](#) 730 103

[Cash at end of period](#) \$ 693 \$ 6

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Organization and Operations

3 Months Ended

Mar. 31, 2016

[Organization, Consolidation and
Presentation of Financial Statements](#)

[\[Abstract\]](#)

[Organization and Operations](#)

Note 1 - Organization and Operations

alpha-En Corporation (together with its subsidiaries, the “Company”) was incorporated in Delaware on March 7, 1997.

On February 25, 2009, alpha-En Corporation was granted a license for an exclusive, worldwide, transferable, perpetual license to use certain proprietary technology for the processing of lithium for use in batteries. After much effort, it was determined the process was not commercially feasible and efforts surrounding this technology were abandoned in 2011. The Company has settled an amendment and release related to this license. (See Note 7)

During 2011 and 2012, alpha-En Corporation devoted its resources to developing proprietary technology to produce highly pure lithium metal.

In 2013, alpha-En Corporation invented a new process for the production of highly pure lithium metal and associated products at room temperature and subsequently broadened its focus to develop products and processes derived from its new core proprietary technology, including battery components and compounds of lithium.

During the period from 2013 to the present, alpha-En Corporation has been exclusively focused on developing its own technology for the production of highly pure lithium metal, from the bench scale through multiple demonstrations, with the end goal of commercialization. During this time, alpha-En Corporation has also been pursuing strategic partnerships both commercially and with research institutions.

Formation of Majority-Owned Subsidiary

In September 2014, alpha-En Corporation formed Clean Lithium Corporation (“CLC”) under the laws of New York State as a wholly owned subsidiary with a nominal share capital of \$100,000.

Following the sale of CLC’s shares, the ownership is as follows:

Stockholder	Shares	Percentage
alpha-En Corporation	9,095,000	90.95%
Non-controlling interests	905,000	9.05%
Total:	10,000,000	100.00%

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Going Concern and Liquidity

3 Months Ended

Mar. 31, 2016

[Organization, Consolidation and
Presentation of Financial Statements](#)

[\[Abstract\]](#)

[Going Concern and Liquidity](#)

Note 2 – Going Concern and Liquidity

The Company has elected to adopt early application of Accounting Standards

Update No. 2014-15, “*Presentation of Financial Statements—Going Concern (Subtopic 205-40): Disclosure of Uncertainties about an Entity’s Ability to Continue as a Going Concern (“ASU 2014-15”)*).

The Company’s condensed consolidated financial statements have been prepared assuming that it will continue as a going concern, which contemplates continuity of operations, realization of assets, and liquidation of liabilities in the normal course of business.

As reflected in the condensed consolidated financial statements, the Company had an accumulated deficit of approximately \$11.1 million and \$10.2 million at March 31, 2016 and December 31, 2015, respectively. A net loss of approximately \$965,000 and \$62,000, and approximately \$323,000 and \$95,000 net cash used in operating activities for the three months ended March 31, 2016 and 2015, respectively.

The Company is attempting to further develop the intellectual property associated with its technology; broaden its patent portfolio; scale up our production of various products; and begin generating revenue; however, the Company’s cash position is not sufficient to support its daily operations. While the Company believes in the viability of its strategy and in its ability to raise additional funds by way of a public or private offering, there can be no assurances to that effect. The ability of the Company to continue as a going concern is dependent upon its ability to raise additional funds by way of a public or private offering and its ability to further develop its technology and generate sufficient revenue.

These factors raise substantial doubt about the Company’s ability to continue as a going concern. The condensed consolidated financial statements do not include any adjustments related to the recoverability and classification of recorded asset amounts or the amounts and classification of liabilities that might be necessary should the Company be unable to continue as a going concern.

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**Significant and Critical
Accounting Policies and Practices**

**3 Months Ended
Mar. 31, 2016**

[Accounting Policies \[Abstract\]](#)

[Significant and Critical Accounting
Policies and Practices](#)

Note 3 - Significant and Critical Accounting Policies and Practices

Basis of Presentation and Principles of Consolidation

The accompanying unaudited condensed consolidated financial statements include the accounts of the Company and its subsidiaries. For consolidated entities where the Company owns less than 100% of the subsidiary, the Company records net income (loss) attributable to non-controlling interests in its condensed consolidated statements of operations equal to the percentage of the economic or ownership interest retained in such entities by the respective non-controlling parties.

The unaudited condensed consolidated financial statements have been prepared by the Company pursuant to the rules and regulations of the Securities and Exchange Commission (the “SEC”) and reflect all adjustments (consisting of normal recurring adjustments unless otherwise indicated) which, in the opinion of management, are necessary for a fair presentation of the results for the interim

periods presented.

Certain information in footnote disclosures normally included in the financial statements prepared in conformity with accounting principles generally accepted in the United States of America have been condensed or omitted pursuant to the SEC rules and regulations for interim reporting. The financial results for the periods presented may not be indicative of the full year's results.

These unaudited condensed consolidated financial statements should be read in conjunction with the Company's audited consolidated financial statements and the notes thereto for the fiscal year ended December 31, 2015 included in the Company's Annual Report on Form 10-K filed on October 20, 2016.

The Company's unaudited condensed consolidated financial statements include the accounts of the Company and its subsidiaries. All intercompany balances and transactions have been eliminated.

Use of Estimates

The Company's unaudited condensed consolidated financial statements include certain amounts that are based on management's best estimates and judgments. The Company's significant estimates include, but are not limited to, useful lives assigned to long-lived assets, fair value measurements, stock-based compensation, accrued expenses, provisions for income taxes and contingencies. Due to the uncertainty inherent in such estimates, actual results may differ from these estimates.

Fair Value Measurements

Accounts Payable and Accrued Expenses. The carrying amounts of accounts payable and accrued expenses approximate fair value as these accounts are largely current and short term in nature.

Cash

As of March 31, 2016 and December 31, 2015, substantially all of the Company's cash was held at major financial institutions and the balance at certain accounts may exceed the maximum amount insured by the Federal Deposit Insurance Corporation. However, the Company has not experienced losses on these accounts and management believes that the Company is not exposed to significant risks on such accounts.

Property and Equipment

Office equipment is recorded at cost and depreciated using the straight-line method over the estimated useful life of each asset, generally three years.

Impairment of Long-Lived Assets

The Company reviews long-lived assets, including property and equipment, for impairment whenever events or changes in business circumstances indicate that the carrying amount of the assets may not be fully recoverable. Factors that the Company considers in deciding when to perform an impairment review include significant underperformance of the business in relation to expectations, significant negative industry or economic trends, and significant changes or

planned changes in the use of the assets. If an impairment review is performed to evaluate a long-lived asset for recoverability, the Company compares forecasts of undiscounted cash flows expected to result from the use and eventual disposition of the long-lived asset to its carrying value. An impairment loss would be recognized when estimated undiscounted future cash flows expected to result from the use of an asset are less than its carrying amount. The impairment loss would be based on the excess of the carrying value of the impaired asset over its fair value. There was no impairment of long lived assets during the quarter ended March 31, 2016.

Research and Development

Research and development costs are expensed as incurred. Advance payments for goods and services that will be used in future research and development activities are expensed when the activity has been performed or when the goods have been received rather than when the payment is made. Upfront and milestone payments due to third parties that perform research and development services on the Company's behalf will be expensed as services are rendered or when the milestone is achieved.

Research and development costs primarily consist of personnel related expenses, including salaries, benefits, travel, and other related expenses, stock-based compensation, payments made to third parties for license and milestone costs related to in-licensed products and technology, payments made to third party contract research organizations, consultants, the cost of acquiring and manufacturing clinical trial materials, and costs associated with regulatory filings, laboratory costs and other supplies.

In accordance with ASC 730-10-25-1, *Research and Development*, costs incurred in obtaining technology licenses are charged to research and development expense if the technology licensed has not reached commercial feasibility and has no alternative future use. Certain licenses purchased by the Company require substantial completion of research and development and regulatory and marketing approval efforts in order to reach commercial feasibility and have no alternative future use.

Contingencies

The Company records accruals for contingencies and legal proceedings expected to be incurred in connection with a loss contingency when it is probable that a liability has been incurred and the amount can be reasonably estimated.

If a loss contingency is not probable but is reasonably possible, or is probable but cannot be estimated, the nature of the contingent liability, together with an estimate of the range of possible loss if determinable and material, would be disclosed.

Stock-Based Compensation

The Company expenses stock-based compensation to employees over the requisite service period based on the estimated grant-date fair value of the awards and forfeiture rates. For stock-based compensation awards to non-employees, the Company remeasures the fair value of the non-employee awards at each reporting period prior to vesting and finally at the vesting date of the award. Changes in the estimated fair value of these non-employee awards are recognized as

compensation expense in the period of change.

The Company estimates the fair value of stock options grants using the Black-Scholes option pricing model and the assumptions used in calculating the fair value of stock-based awards represent management's best estimates and involve inherent uncertainties and the application of management's judgment.

Income Taxes

The Company records income taxes using the asset and liability method. Deferred income tax assets and liabilities are recognized for the future tax effects attributable to temporary differences between the financial statement carrying amounts of existing assets and liabilities and their respective income tax bases, and operating loss and tax credit carryforwards. The Company establishes a valuation allowance if it is more likely than not that the deferred tax assets will not be recovered based on an evaluation of objective verifiable evidence. For tax positions that are more likely than not of being sustained upon audit, the Company recognizes the largest amount of the benefit that is greater than 50% likely of being realized. For tax positions that are not more likely than not of being sustained upon audit, the Company does not recognize any portion of the benefit.

Loss Per Share

Basic loss per share of common stock is computed by dividing net loss applicable to common stockholders by the weighted average number of shares of common stock outstanding for the period. Diluted loss per share excludes the potential impact of common stock options, unvested shares of restricted stock and outstanding common stock purchase warrants because their effect would be anti-dilutive.

Securities that could potentially dilute loss per share in the future that were not included in the computation of diluted loss per share at March 31, 2016 and 2015 are as follows:

	As of March 31,	
	2016	2015
Warrants to purchase common stock	2,025,000	150,000
Options to purchase common stock	4,170,000	2,670,000
Total	6,195,000	2,820,000

Non-Controlling Interests

Non-controlling interests in consolidated entities represent the component of equity in consolidated entities held by third parties. Any change in ownership of a subsidiary while the controlling financial interest is retained is accounted for as an equity transaction between the controlling and non-controlling interests.

Recent Accounting Pronouncements

In February 2016, the FASB issued ASU 2016-02, *Leases (Topic 842)* ("ASU 2016-02"). ASU 2016-02 requires an entity to recognize right-of-use assets and lease liabilities on its balance sheet and disclose key information about leasing arrangements. Lessees and lessors are required to disclose qualitative and quantitative information about leasing arrangements to enable a user of the financial statements to assess the amount, timing and uncertainty of cash flows

arising from leases. ASU 2016-02 is effective for fiscal years, and interim periods within those years, beginning after December 15, 2018. Early adoption is permitted. The Company is currently in the process of evaluating the impact of adoption of ASU 2016-02 on the consolidated financial statements and related disclosures.

In March 2016, the FASB issued ASU No. 2016-09, *Compensation-Stock Compensation (Topic 718), Improvements to Employee Share-Based Payment Accounting* (“ASU 2016-09”). Under ASU 2016-09, companies will no longer record excess tax benefits and certain tax deficiencies in additional paid-in capital (“APIC”). Instead, they will record all excess tax benefits and tax deficiencies as income tax expense or benefit in the income statement and the APIC pools will be eliminated. In addition, ASU 2016-09 eliminates the requirement that excess tax benefits be realized before companies can recognize them. ASU 2016-09 also requires companies to present excess tax benefits as an operating activity on the statement of cash flows rather than as a financing activity. Furthermore, ASU 2016-09 will increase the amount an employer can withhold to cover income taxes on awards and still qualify for the exception to liability classification for shares used to satisfy the employer’s statutory income tax withholding obligation. An employer with a statutory income tax withholding obligation will now be allowed to withhold shares with a fair value up to the amount of taxes owed using the maximum statutory tax rate in the employee’s applicable jurisdiction(s). ASU 2016-09 requires a company to classify the cash paid to a tax authority when shares are withheld to satisfy its statutory income tax withholding obligation as a financing activity on the statement of cash flows. Under current GAAP, it was not specified how these cash flows should be classified. In addition, companies will now have to elect whether to account for forfeitures on share-based payments by (1) recognizing forfeitures of awards as they occur or (2) estimating the number of awards expected to be forfeited and adjusting the estimate when it is likely to change, as is currently required. These aspects of ASU 2016-09 are effective for reporting periods beginning after December 15, 2016, with early adoption permitted provided that all of the guidance is adopted in the same period. The Company is currently evaluating the impact of ASU 2016-09 on the consolidated financial statements and related disclosures.

In August 2016, the FASB issued ASU No. 2016-15, *Statement of Cash Flows - Classification of Certain Cash Receipts and Cash Payments*, which addresses eight specific cash flow issues with the objective of reducing the existing diversity in practice in how certain cash receipts and cash payments are presented and classified in the statement of cash flows. The standard is effective for fiscal years beginning after December 15, 2017, including interim periods within those fiscal years. Early adoption is permitted, including adoption in an interim period. The Company is currently evaluating the impact of this new pronouncement on its consolidated statements of cash flows.

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Property and Equipment

3 Months Ended

Mar. 31, 2016

[Property, Plant and Equipment](#)

[\[Abstract\]](#)

[Property and Equipment](#)

Note 4 – Property and Equipment

The components of property and equipment as of March 31, 2016 and December 31, 2015, at cost are (dollars in thousands):

<i>(\$ in thousands)</i>	Useful Life (Years)	March 31, 2016	December 31, 2015
Lab equipment	3	2	2
Office furniture and equipment	3	4	-
Leasehold improvement		31	-
Gross property and equipment		37	2
Less: Accumulated depreciation		(1)	-
Property and equipment, net		<u>\$ 36</u>	<u>\$ 2</u>

The Company's depreciation expense for the three months ended March 31, 2016 and 2015 was \$1,000 and \$0, respectively.

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Related Party Transactions

3 Months Ended

Mar. 31, 2016

[Related Party Transactions](#)

[\[Abstract\]](#)

[Related Party Transactions](#)

Note 5 – Related Party Transactions

Advances from Stockholders

From time to time, stockholders of the Company advance funds to the Company for working capital purposes. Those advances are unsecured, non-interest bearing and due on demand.

As of March 31, 2016 and December 31, 2015, the outstanding amount of the advances from related parties was approximately \$92,000 and \$62,000, respectively. During the three months ended March 31, 2016, advances from related parties was \$50,000 and the Company repaid \$20,000 to related parties.

Free Office Space

The Company has been provided office space by its Executive Chairman of the Board at no cost. The management determined that such cost is nominal and did not recognize the rent expense in its financial statements.

Restricted Stock Grant to Chief Executive Officer and Associated Withholding Payments

During three months ended March 31, 2016, Steven M. Fludder, Chief Executive Officer, paid the Company a withholding tax obligation of \$198,000 related to the grant of restricted stock in 2015.

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Stockholders' Equity

3 Months Ended

Mar. 31, 2016

[Equity \[Abstract\]](#)

[Stockholders' Equity](#)

Note 6 – Stockholders' Equity

Adjustment to Outstanding Shares and Options

In the consolidated financial statements for the years ended December 31, 2015 and 2014 filed with the SEC, the Company incorrectly excluded 3.6 million shares of common stock and 150,000 non-employee stock options, of which 75,000 were vested, in the calculation of basic and diluted earnings per share, weighted average

and number of common shares outstanding. Given the net loss in 2014 and 2015, the excluded stock options had no impact earnings per share as their effect, if included, would have been anti-dilutive. In addition, the exclusion of 3.6 million shares of common stock also did not have a material effect on earnings per share. As a result, net loss per common share outstanding, basic and diluted, weighted average and the number of common shares outstanding were misstated by an amount that the Company has determined to be immaterial. The exclusion of such shares does not affect total stockholders' equity or net loss.

The following table provides a comparison between the previously filed numbers and the numbers after the correction as of December, 31(in thousands, except share):

	Previous Filings		After Correction of Error	
	2015	2014	2015	2014
	Total shares outstanding	28,649,497	26,699,497	32,235,525
Common stock	\$ 286	\$ 267	\$ 322	\$ 303
Additional paid-in capital	\$ 10,741	\$ 8,130	\$ 10,705	\$ 8,094

The following table provides a comparison between the previously filed numbers and the numbers after the correction for the years ended December, 31:

	Previous Filings		After Correction of Error	
	2015	2014	2015	2014
Net loss	\$ 1,792,000	\$ 47,000	\$ 1,792,000	\$ 47,000
Net loss per share	\$ (0.07)	\$ (0.00)	\$ (0.06)	\$ (0.00)
Weighted-average shares	27,263,059	26,394,554	30,849,087	29,980,582

In accordance with the SEC's Staff Accounting Bulletin Nos. 99 ("SAB 99"), the Company evaluated this error and, based on an analysis of quantitative and qualitative factors, determined that the error was immaterial to the prior reporting periods affected. Therefore, as permitted by SAB 99, the Company corrected, in the current filing, the calculation of basic earnings per share and weighted average number of common shares outstanding as of December 31, 2015.

Common Stock

During three months ended March 31, 2016, the Company entered into six private placement offerings with six investors and issued 437,501 shares of its common stock and warrants to purchase 175,000 shares of common stock for \$280,000. The warrants have a 5-year term and an exercise price of \$0.97. The Company also issued 75,000 shares of its subsidiary, CLC, to a consultant for the service provided, and the shares were valued at \$1.00 per share.

As of March 31, 2016, there were warrants to purchase 2,025,000 shares of common stock issued and outstanding.

Stock Options

The grant date fair value of stock options granted during the three months ended March 31, 2016 was approximately \$223,000. The fair value of the Company's

common stock was based upon the publicly quoted price on the date that the final approval of the awards was obtained. The Company does not expect to pay dividends in the foreseeable future so therefore the expected dividend yield is 0%. The expected term for stock options granted with service conditions represents the average period the stock options are expected to remain outstanding and is based on the expected term calculated using the approach prescribed by the Securities and Exchange Commission's Staff Accounting Bulletin for "plain vanilla" options. The expected term for stock options granted with performance and/or market conditions represents the estimated period estimated by management by which the performance conditions will be met. The Company obtained the risk-free interest rate from publicly available data published by the Federal Reserve. The Company uses a methodology in estimating its volatility percentage from a computation that was based on a comparison of average volatility rates of similar companies to a computation based on the standard deviation of the Company's own underlying stock price's daily logarithmic returns. The fair value of options granted in the three months ended March 31, 2016 was estimated using the following weighted-average assumptions:

	<u>As of March 31, 2016</u>	
Exercise price	\$	0.90
Expected stock price volatility		80%
Risk-free rate of interest		1.34%
Term (years)		4.6

A summary of option activity under the Company's employee stock option plan for the three months ended March 31, 2016 is presented below:

	<u>Number of Shares</u>	<u>Weighted Average Exercise Price</u>	<u>Total Intrinsic Value</u>	<u>Weighted Average Remaining Contractual Life (in years)</u>
Outstanding as of December 31, 2015	1,050,000	\$ 0.27	\$ 757,000	5.1
Employee options granted	400,000	0.90	-	6.8
Outstanding as of March 31, 2016	<u>1,450,000</u>	<u>\$ 0.44</u>	<u>\$1,271,000</u>	<u>5.4</u>
Options vested and expected to vest as of March 31, 2016	1,450,000	\$ 0.44	\$1,271,000	5.4
Options vested and exercisable as of March 31, 2016	237,500	\$ 0.12	\$ 285,000	2.0

Estimated future stock-based compensation expense relating to unvested employee stock options is approximately \$313,000 as of March 31, 2016 and will be amortized over 3.8 years.

A summary of activity of options granted to non-employees for the three months ended March 31, 2016 is presented below:

	Number of Shares	Weighted Average Exercise Price	Total Intrinsic Value	Weighted Average Remaining Contractual Life (in years)
Outstanding as of December 31, 2015 (as reported)	2,670,000	\$ 0.20	\$2,118,000	4.0
Adjustment to stock options	<u>150,000</u>	<u>0.10</u>	<u>134,000</u>	<u>2.1</u>
Outstanding as of December 31, 2015	2,820,000	\$ 0.19	\$2,252,000	3.9
Non-employee options exercised	<u>(100,000)</u>	<u>0.11</u>	<u>-</u>	<u>-</u>
Outstanding as of March 31, 2016	<u>2,720,000</u>	<u>\$ 0.19</u>	<u>\$3,061,000</u>	<u>3.8</u>
Options vested and expected to vest as of March 31, 2016	2,720,000	\$ 0.19	\$3,061,000	3.8
Options vested and exercisable as of March 31, 2016	995,000	\$ 0.19	\$1,126,000	3.9

Restricted Stock

A summary of the restricted stock award activity for the three months ended March 31, 2016 is as follows:

	Number of Units	Weighted Average Grant Date Fair Value
Nonvested at December 31, 2015	650,000	\$ 0.40
Vested	<u>(650,000)</u>	<u>\$ 0.40</u>
Nonvested at March 31, 2016	<u>-</u>	<u>\$ -</u>

Warrants

A summary of the status of the Company's outstanding warrants as of March 31, 2016 and changes during the three months ended March 31, 2016 is presented below:

	Number of Warrants	Weighted Average Exercise Price	Total Intrinsic Value	Weighted Average Remaining Contractual Life (in years)
Outstanding as of December 31, 2015	1,850,000	\$ 0.31	\$1,249,000	4.3
Issued	<u>175,000</u>	<u>0.97</u>	<u>61,000</u>	<u>4.9</u>

Outstanding as of March 31, 2016	2,025,000	\$	0.37	\$1,921,000	4.1
Warrants exercisable as of March 31, 2016	2,025,000	\$	0.37	\$1,921,000	4.1

Stock-based Compensation Expense

Stock-based compensation expense for the three months ended March 31, 2016 and 2015 was comprised of the following (dollars in thousands):

	For the Three Months Ended March 31	
	2016	2015
Employee restricted stock awards	\$ 136	\$ -
Employee stock option awards	31	3
Non-employee option awards	460	32
Total compensation expense	<u>\$ 627</u>	<u>\$ 35</u>

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Contingencies and Commitments

**3 Months Ended
Mar. 31, 2016**

[Commitments and Contingencies
Disclosure \[Abstract\]](#)

[Contingencies and Commitments](#)

Note 7 – Contingencies and Commitments

On March 22, 2016, the Company entered into a lease (the “Lease”) with Hudson View Building #3, LLC (the “Landlord”), for office and laboratory space located in Yonkers, New York (the “Leased Premise”). The Leased Premise consists of approximately 8,000 square feet. The Lease has a term of 87 months from the lease commencement date, which is the date upon which the Landlord has substantially completed certain interior leasehold improvements to the Leased Premise. The annual rent for the first year of the lease is approximately \$208,000, increasing by 1.5% on each anniversary of the lease commencement date. In the event of a termination of the Lease following a default by the Company, the Company will be obligated to pay the sum of the rent payable for the remainder of the Lease term.

The Company estimated the lease commencement date is in February, 2017. Contractual minimal lease payments are as follows (in thousands):

	2016	\$	-
	2017		139
	2018		210
	2019		213
	2020		217
Thereafter			744
Total		<u>\$</u>	<u>1,523</u>

On February 25, 2009, the Company was granted an exclusive, worldwide, transferable, perpetual license to use certain proprietary technology for the processing of lithium for use in batteries and other fields. Commencing in October 2010, working through a third party, the Company conducted a series of tests to

determine if the process worked and, based on the results, initially believed that the process produced lithium, however it did not prove to be commercially feasible and research and development efforts involving this license were abandoned. In exchange for the license, the Company had certain financial, share issuance and royalty obligations if certain sale thresholds were met. However, since contractually agreed thresholds were not met and the technology was not used, the Company negotiated an amendment and release related to this license in November 2016. Pursuant to the amendment and release, and subject to certain contingencies set forth in the amendment and release, the third party will retain two million of the three million total shares from the original license and will forfeit the remaining one million shares. The two million shares to be retained by the third party will be subject to customary transfer restrictions for restricted shares. No effect has been given to this transaction in the accompanying financial statements.

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Subsequent Events

3 Months Ended

Mar. 31, 2016

[Subsequent Events \[Abstract\]](#)

[Subsequent Events](#)

Note 8 – Subsequent Events

The Company has evaluated all events that occurred after the balance sheet date through the date when the financial statements were issued to determine if they must be reported. The Management of the Company determined that the following reportable subsequent event(s) need to be disclosed:

In April 2016, the Company entered into a private placement offering with an investor and issued 117,188 shares of the Company's common stock and 46,875 warrants for \$75,000. The warrants have a 5-year term and an exercise price of \$0.97.

In June 2016, the Company entered into a private placement offering with an investor and issued 100,000 shares of the Company's common stock and 250,000 warrants for \$250,000. The warrants have a 5-year term and an exercise price of \$3.97. 100,000 shares issued in this offering is subjected to "price protection" for a twelve-month period. Specifically, in the event the Company issues to any person common stock or their equivalent at a lower price per share than \$2.50 (the "Lower Price"), the Company shall, simultaneously with the issuance of such shares, issued that investor a number of additional common shares (the "Additional Shares") necessary to cause the 100,000 purchased plus the Additional Shares to have a combined average cost per share equal to the Lower Price, provided that in no event shall the Additional Shares exceed 100,000 shares. The price protection featured was analyzed by the Company and the Company determined that such feature was not required to be bifurcated from the common stock and recorded as a derivative as the price protection feature is clearly and closely related to an equity host. In November 2016, the Lower Price was triggered and the Company became obligated to issue an additional 100,000 shares of common stock under the arrangement.

In August 2016, the Company entered into a private placement offering with an investor and issued 40,000 shares of the Company's common stock and 100,000 warrants for \$100,000. The warrants have a 5-year term and an exercise price of \$2.94.

In August 2016, 221,875 warrants with a weighted average exercise price of \$0.97

were exercised for cash consideration of \$215,000. The investors were granted 221,875 additional warrants in August 2016 with a 5-year term and an exercise price of \$2.70 per share.

On November 1, 2016, the Company entered into an additional private placement offering with an investor and sold 100,000 shares of common stock and 250,000 warrants for \$100,000. The warrants have a 5-year term and an exercise price of \$1.16 per share.

On February 25, 2009, the Company was granted an exclusive, worldwide, transferable, perpetual license to use certain proprietary technology for the processing of lithium for use in batteries and other fields by a third party. However, since contractually agreed thresholds were not met and the technology was not used, the Company negotiated an amendment and release related to this license in November 2016. Pursuant to the amendment and release, and subject to certain contingencies set forth in the amendment and release, the third party will retain two million of the three million total shares from the original license and will forfeit the remaining one million shares. The two million shares to be retained by the third party will be subject to customary transfer restrictions for restricted shares. No effect has been given to this transaction in the accompanying financial statements.

On December 6, 2016, the Company cancelled 210,000 shares and exchanged 210,000 shares into 210,000 options with an exercise price of \$1.08 and a 5-year term to a consultant who previously performed services prior to 2014. The consultant is related to George McKeegan, a Board member of the Company.

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**Significant and Critical
Accounting Policies and Practices
(Policies)**

**3 Months Ended
Mar. 31, 2016**

[Accounting Policies \[Abstract\]](#)

[Basis of Presentation and Principles
of Consolidation](#)

Basis of Presentation and Principles of Consolidation

The accompanying unaudited condensed consolidated financial statements include the accounts of the Company and its subsidiaries. For consolidated entities where the Company owns less than 100% of the subsidiary, the Company records net income (loss) attributable to non-controlling interests in its condensed consolidated statements of operations equal to the percentage of the economic or ownership interest retained in such entities by the respective non-controlling parties.

The unaudited condensed consolidated financial statements have been prepared by the Company pursuant to the rules and regulations of the Securities and Exchange Commission (the "SEC") and reflect all adjustments (consisting of normal recurring adjustments unless otherwise indicated) which, in the opinion of management, are necessary for a fair presentation of the results for the interim periods presented.

Certain information in footnote disclosures normally included in the financial statements prepared in conformity with accounting principles generally accepted in the United States of America have been condensed or omitted pursuant to the SEC rules and regulations for interim reporting. The financial results for the periods presented may not be indicative of the full year's results.

These unaudited condensed consolidated financial statements should be read in conjunction with the Company's audited consolidated financial statements and the

notes thereto for the fiscal year ended December 31, 2015 included in the Company's Annual Report on Form 10-K filed on October 20, 2016.

The Company's unaudited condensed consolidated financial statements include the accounts of the Company and its subsidiaries. All intercompany balances and transactions have been eliminated.

[Use of Estimates](#)

Use of Estimates

The Company's unaudited condensed consolidated financial statements include certain amounts that are based on management's best estimates and judgments. The Company's significant estimates include, but are not limited to, useful lives assigned to long-lived assets, fair value measurements, stock-based compensation, accrued expenses, provisions for income taxes and contingencies. Due to the uncertainty inherent in such estimates, actual results may differ from these estimates.

[Fair Value Measurements](#)

Fair Value Measurements

Accounts Payable and Accrued Expenses. The carrying amounts of accounts payable and accrued expenses approximate fair value as these accounts are largely current and short term in nature.

[Cash](#)

Cash

As of March 31, 2016 and December 31, 2015, substantially all of the Company's cash was held at major financial institutions and the balance at certain accounts may exceed the maximum amount insured by the Federal Deposit Insurance Corporation. However, the Company has not experienced losses on these accounts and management believes that the Company is not exposed to significant risks on such accounts.

[Property and Equipment](#)

Property and Equipment

Office equipment is recorded at cost and depreciated using the straight-line method over the estimated useful life of each asset, generally three years.

[Impairment of Long-lived Assets](#)

Impairment of Long-Lived Assets

The Company reviews long-lived assets, including property and equipment, for impairment whenever events or changes in business circumstances indicate that the carrying amount of the assets may not be fully recoverable. Factors that the Company considers in deciding when to perform an impairment review include significant underperformance of the business in relation to expectations, significant negative industry or economic trends, and significant changes or planned changes in the use of the assets. If an impairment review is performed to evaluate a long-lived asset for recoverability, the Company compares forecasts of undiscounted cash flows expected to result from the use and eventual disposition of the long-lived asset to its carrying value. An impairment loss would be recognized when estimated undiscounted future cash flows expected to result from the use of an asset are less than its carrying amount. The impairment loss would be based on the excess of the carrying value of the impaired asset over its fair value. There was no impairment of long lived assets during the quarter ended March 31, 2016.

[Research and Development](#)

Research and Development

Research and development costs are expensed as incurred. Advance payments for goods and services that will be used in future research and development activities are expensed when the activity has been performed or when the goods have been

received rather than when the payment is made. Upfront and milestone payments due to third parties that perform research and development services on the Company's behalf will be expensed as services are rendered or when the milestone is achieved.

Research and development costs primarily consist of personnel related expenses, including salaries, benefits, travel, and other related expenses, stock-based compensation, payments made to third parties for license and milestone costs related to in-licensed products and technology, payments made to third party contract research organizations, consultants, the cost of acquiring and manufacturing clinical trial materials, and costs associated with regulatory filings, laboratory costs and other supplies.

In accordance with ASC 730-10-25-1, *Research and Development*, costs incurred in obtaining technology licenses are charged to research and development expense if the technology licensed has not reached commercial feasibility and has no alternative future use. Certain licenses purchased by the Company require substantial completion of research and development and regulatory and marketing approval efforts in order to reach commercial feasibility and have no alternative future use.

[Contingencies](#)

Contingencies

The Company records accruals for contingencies and legal proceedings expected to be incurred in connection with a loss contingency when it is probable that a liability has been incurred and the amount can be reasonably estimated.

If a loss contingency is not probable but is reasonably possible, or is probable but cannot be estimated, the nature of the contingent liability, together with an estimate of the range of possible loss if determinable and material, would be disclosed.

[Stock-based Compensation](#)

Stock-Based Compensation

The Company expenses stock-based compensation to employees over the requisite service period based on the estimated grant-date fair value of the awards and forfeiture rates. For stock-based compensation awards to non-employees, the Company remeasures the fair value of the non-employee awards at each reporting period prior to vesting and finally at the vesting date of the award. Changes in the estimated fair value of these non-employee awards are recognized as compensation expense in the period of change.

The Company estimates the fair value of stock options grants using the Black-Scholes option pricing model and the assumptions used in calculating the fair value of stock-based awards represent management's best estimates and involve inherent uncertainties and the application of management's judgment.

[Income Taxes](#)

Income Taxes

The Company records income taxes using the asset and liability method. Deferred income tax assets and liabilities are recognized for the future tax effects attributable to temporary differences between the financial statement carrying amounts of existing assets and liabilities and their respective income tax bases, and operating loss and tax credit carryforwards. The Company establishes a valuation allowance if it is more likely than not that the deferred tax assets will not be recovered based on an evaluation of objective verifiable evidence. For tax positions that are more likely than not of being sustained upon audit, the Company recognizes the largest amount of the benefit that is greater than 50% likely of being realized. For tax positions that are not more likely than not of being sustained upon

audit, the Company does not recognize any portion of the benefit.

Loss Per Share

Loss Per Share

Basic loss per share of common stock is computed by dividing net loss applicable to common stockholders by the weighted average number of shares of common stock outstanding for the period. Diluted loss per share excludes the potential impact of common stock options, unvested shares of restricted stock and outstanding common stock purchase warrants because their effect would be anti-dilutive.

Securities that could potentially dilute loss per share in the future that were not included in the computation of diluted loss per share at March 31, 2016 and 2015 are as follows:

	As of March 31,	
	2016	2015
Warrants to purchase common stock	2,025,000	150,000
Options to purchase common stock	4,170,000	2,670,000
Total	6,195,000	2,820,000

Non-controlling Interests

Non-Controlling Interests

Non-controlling interests in consolidated entities represent the component of equity in consolidated entities held by third parties. Any change in ownership of a subsidiary while the controlling financial interest is retained is accounted for as an equity transaction between the controlling and non-controlling interests.

Recent Accounting Pronouncements

Recent Accounting Pronouncements

In February 2016, the FASB issued ASU 2016-02, *Leases (Topic 842)* (“ASU 2016-02”). ASU 2016-02 requires an entity to recognize right-of-use assets and lease liabilities on its balance sheet and disclose key information about leasing arrangements. Lessees and lessors are required to disclose qualitative and quantitative information about leasing arrangements to enable a user of the financial statements to assess the amount, timing and uncertainty of cash flows arising from leases. ASU 2016-02 is effective for fiscal years, and interim periods within those years, beginning after December 15, 2018. Early adoption is permitted. The Company is currently in the process of evaluating the impact of adoption of ASU 2016-02 on the consolidated financial statements and related disclosures.

In March 2016, the FASB issued ASU No. 2016-09, *Compensation-Stock Compensation (Topic 718), Improvements to Employee Share-Based Payment Accounting* (“ASU 2016-09”). Under ASU 2016-09, companies will no longer record excess tax benefits and certain tax deficiencies in additional paid-in capital (“APIC”). Instead, they will record all excess tax benefits and tax deficiencies as income tax expense or benefit in the income statement and the APIC pools will be eliminated. In addition, ASU 2016-09 eliminates the requirement that excess tax benefits be realized before companies can recognize them. ASU 2016-09 also requires companies to present excess tax benefits as an operating activity on the statement of cash flows rather than as a financing activity. Furthermore, ASU 2016-09 will increase the amount an employer can withhold to cover income taxes on awards and still qualify for the exception to liability classification for shares used to satisfy the employer’s statutory income tax withholding obligation. An employer with a statutory income tax withholding obligation will now be allowed to withhold shares with a fair value up to the amount of taxes owed using the

maximum statutory tax rate in the employee's applicable jurisdiction(s). ASU 2016-09 requires a company to classify the cash paid to a tax authority when shares are withheld to satisfy its statutory income tax withholding obligation as a financing activity on the statement of cash flows. Under current GAAP, it was not specified how these cash flows should be classified. In addition, companies will now have to elect whether to account for forfeitures on share-based payments by (1) recognizing forfeitures of awards as they occur or (2) estimating the number of awards expected to be forfeited and adjusting the estimate when it is likely to change, as is currently required. These aspects of ASU 2016-09 are effective for reporting periods beginning after December 15, 2016, with early adoption permitted provided that all of the guidance is adopted in the same period. The Company is currently evaluating the impact of ASU 2016-09 on the consolidated financial statements and related disclosures.

In August 2016, the FASB issued ASU No. 2016-15, *Statement of Cash Flows - Classification of Certain Cash Receipts and Cash Payments*, which addresses eight specific cash flow issues with the objective of reducing the existing diversity in practice in how certain cash receipts and cash payments are presented and classified in the statement of cash flows. The standard is effective for fiscal years beginning after December 15, 2017, including interim periods within those fiscal years. Early adoption is permitted, including adoption in an interim period. The Company is currently evaluating the impact of this new pronouncement on its consolidated statements of cash flows.

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**Organization and Operations
(Tables)**

**3 Months Ended
Mar. 31, 2016**

[Organization, Consolidation and Presentation of Financial Statements \[Abstract\]](#)

[Schedule of Ownership Interest in the Subsidiary Company](#)

Following the sale of CLC's shares, the ownership is as follows:

Stockholder	Shares	Percentage
alpha-En Corporation	9,095,000	90.95%
Non-controlling interests	905,000	9.05%
Total:	10,000,000	100.00%

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**Significant and Critical
Accounting Policies and Practices
(Tables)**

**3 Months Ended
Mar. 31, 2016**

[Accounting Policies \[Abstract\]](#)

[Schedule of Antidilutive Securities Excluded from Computation of Earnings Per Share](#)

Securities that could potentially dilute loss per share in the future that were not included in the computation of diluted loss per share at March 31, 2016 and 2015 are as follows:

	As of March 31,	
	2016	2015
Warrants to purchase common stock	2,025,000	150,000
Options to purchase common stock	4,170,000	2,670,000
Total	6,195,000	2,820,000

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Property and Equipment (Tables)

**3 Months Ended
Mar. 31, 2016**

Property, Plant and Equipment

[Abstract]

Schedule of Property and Equipment

The components of property and equipment as of March 31, 2016 and December 31, 2015, at cost are (dollars in thousands):

<i>(\$ in thousands)</i>	Useful Life (Years)	March 31, 2016	December 31, 2015
Lab equipment	3	2	2
Office furniture and equipment	3	4	-
Leasehold improvement		31	-
Gross property and equipment		37	2
Less: Accumulated depreciation		(1)	-
Property and equipment, net		<u>\$ 36</u>	<u>\$ 2</u>

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Stockholders' Equity (Tables)

3 Months Ended

Mar. 31, 2016

Schedule of Adjustment to Outstanding Shares and Options Equity

The following table provides a comparison between the previously filed numbers and the numbers after the correction as of December, 31(in thousands, except share):

	Previous Filings		After Correction of Error	
	2015	2014	2015	2014
Total shares outstanding	28,649,497	26,699,497	32,235,525	30,285,525
Common stock	\$ 286	\$ 267	\$ 322	\$ 303
Additional paid-in capital	\$ 10,741	\$ 8,130	\$ 10,705	\$ 8,094

Schedule of Adjustment to Outstanding Shares and Options Operation

The following table provides a comparison between the previously filed numbers and the numbers after the correction for the years ended December, 31:

	Previous Filings		After Correction of Error	
	2015	2014	2015	2014
Net loss	\$ 1,792,000	\$ 47,000	\$ 1,792,000	\$ 47,000
Net loss per share	\$ (0.07)	\$ (0.00)	\$ (0.06)	\$ (0.00)
Weighted-average shares	27,263,059	26,394,554	30,849,087	29,980,582

Schedule of Fair Value of Assumptions

The fair value of options granted in the three months ended March 31, 2016 was estimated using the following weighted-average assumptions:

	<u>As of March 31, 2016</u>
Exercise price	\$ 0.90
Expected stock price volatility	80%
Risk-free rate of interest	1.34%
Term (years)	4.6

Schedule of Nonvested Restricted Stock

A summary of the restricted stock award activity for the three months ended March 31, 2016 is as follows:

<u>Number of Units</u>	<u>Weighted Average</u>
------------------------	-------------------------

		Grant Date Fair Value
Nonvested at December 31, 2015	650,000	\$ 0.40
Vested	(650,000)	\$ 0.40
Nonvested at March 31, 2016	-	\$ -

[Schedule of Warrants Outstanding](#)

A summary of the status of the Company's outstanding warrants as of March 31, 2016 and changes during the three months ended March 31, 2016 is presented below:

	Number of Warrants	Weighted Average Exercise Price	Total Intrinsic Value	Weighted Average Remaining Contractual Life (in years)
Outstanding as of December 31, 2015	1,850,000	\$ 0.31	\$1,249,000	4.3
Issued	175,000	0.97	61,000	4.9
Outstanding as of March 31, 2016	2,025,000	\$ 0.37	\$1,921,000	4.1
Warrants exercisable as of March 31, 2016	2,025,000	\$ 0.37	\$1,921,000	4.1

[Schedule of Stock-based Compensation Expense](#)

Stock-based compensation expense for the three months ended March 31, 2016 and 2015 was comprised of the following (dollars in thousands):

	For the Three Months Ended March 31	
	2016	2015
Employee restricted stock awards	\$ 136	\$ -
Employee stock option awards	31	3
Non-employee option awards	460	32
Total compensation expense	\$ 627	\$ 35

[Employee Stock Option \[Member\] Schedule of Stock Options, Activity](#)

A summary of option activity under the Company's employee stock option plan for the three months ended March 31, 2016 is presented below:

	Number of Shares	Weighted Average Exercise Price	Total Intrinsic Value	Weighted Average Remaining Contractual Life (in years)
Outstanding as of December 31, 2015	1,050,000	\$ 0.27	\$ 757,000	5.1
Employee options granted	400,000	0.90	-	6.8
Outstanding as of March 31, 2016	1,450,000	\$ 0.44	\$1,271,000	5.4
Options vested and expected to vest as of March 31, 2016	1,450,000	\$ 0.44	\$1,271,000	5.4
Options vested and exercisable as of March 31, 2016	237,500	\$ 0.12	\$ 285,000	2.0

[Non Employee Stock Option \[Member\]](#)

[Schedule of Stock Options, Activity](#)

A summary of activity of options granted to non-employees for the three months ended March 31, 2016 is presented below:

	Number of Shares	Weighted Average Exercise Price	Total Intrinsic Value	Weighted Average Remaining Contractual Life (in years)
Outstanding as of December 31, 2015 (as reported)	2,670,000	\$ 0.20	\$2,118,000	4.0
Adjustment to stock options	150,000	0.10	134,000	2.1
Outstanding as of December 31, 2015	2,820,000	\$ 0.19	\$2,252,000	3.9
Non-employee options exercised	(100,000)	0.11	-	-
Outstanding as of March 31, 2016	2,720,000	\$ 0.19	\$3,061,000	3.8
Options vested and expected to vest as of March 31, 2016	2,720,000	\$ 0.19	\$3,061,000	3.8
Options vested and exercisable as of March 31, 2016	995,000	\$ 0.19	\$1,126,000	3.9

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**Contingencies and Commitments
(Tables)**

**3 Months Ended
Mar. 31, 2016**

[Commitments and Contingencies](#)

[Disclosure \[Abstract\]](#)

[Schedule of Contractual Minimal Lease Payments](#)

The Company estimated the lease commencement date is in February, 2017. Contractual minimal lease payments are as follows (in thousands):

2016	\$	-
2017		139
2018		210
2019		213
2020		217
Thereafter		744
Total	\$	<u>1,523</u>

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**Organization and Operations
(Details Narrative) Sep. 30, 2014
\$ in Thousands USD (\$)**

[Clean Lithium Corporation \[Member\]](#)

[Franchisor Disclosure \[Line Items\]](#)

[Capital](#) \$ 100

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**Organization and Operations -
Schedule of Ownership Interest in
the Subsidiary Company (Details)**

**Mar. 31, 2016
shares**

Equity method investment, ownership percentage	100.00%
Clean Lithium Corporation [Member]	
Shares, outstanding	10,000,000
Equity method investment, ownership percentage	100.00%
Alpha-En Corporation [Member] Clean Lithium Corporation [Member]	
Shares, outstanding	9,095,000
Equity method investment, ownership percentage	90.95%
Noncontrolling Interest [Member] Clean Lithium Corporation [Member]	
Shares, outstanding	905,000
Equity method investment, ownership percentage	9.05%

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**Going Concern and Liquidity
(Details Narrative) - USD (\$)
\$ in Thousands**

3 Months Ended

Mar. 31, 2016 Mar. 31, 2015 Dec. 31, 2015

Organization, Consolidation and Presentation of Financial Statements [Abstract]

Retained earnings (accumulated deficit)	\$ 11,134		\$ 10,169
Net loss	965	\$ 62	
Net cash provided by operating activities, continuing operations	\$ 323	\$ 95	

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Significant and Critical Accounting Policies and Practices (Details Narrative)

3 Months Ended

Mar. 31, 2016

Accounting Policies [Abstract]

Ownership percentage	100.00%
Office equipment, useful life	3 years
Recognized tax percentage	50.00%

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Significant and Critical Accounting Policies and Practices - Schedule of Antidilutive Securities Excluded from Computation of Earnings Per Share (Details) - shares

3 Months Ended

Mar. 31, 2016 Mar. 31, 2015

Franchisor Disclosure [Line Items]

[Antidilutive securities excluded from computation of earnings per share, amount](#) 6,195,000 2,820,000

[Stock Option \[Member\]](#)

Franchisor Disclosure [Line Items]

[Antidilutive securities excluded from computation of earnings per share, amount](#) 4,170,000 2,670,000

[Warrant \[Member\]](#)

Franchisor Disclosure [Line Items]

[Antidilutive securities excluded from computation of earnings per share, amount](#) 2,025,000 150,000

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**Property and Equipment (Details Narrative) - USD (\$)
\$ in Thousands**

3 Months Ended

Mar. 31, 2016 Mar. 31, 2015

Property, Plant and Equipment [Abstract]

[Depreciation expense](#) \$ 1 \$ 0

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**Property and Equipment -
Schedule of Property and
Equipment (Details) - USD (\$)
\$ in Thousands** **3 Months Ended**
Mar. 31, 2016 Dec. 31, 2015

Property, Plant and Equipment [Line Items]

[Property, plant and equipment, useful life](#) 3 years
[Total property and equipment](#) \$ 37 \$ 2
[Less: Accumulated depreciation](#) (1)
[Property and equipment, net](#) \$ 36 2

[Lab Equipment \[Member\]](#)

Property, Plant and Equipment [Line Items]

[Property, plant and equipment, useful life](#) 3 years
[Total property and equipment](#) \$ 2 2

[Office Furniture Equipment \[Member\]](#)

Property, Plant and Equipment [Line Items]

[Property, plant and equipment, useful life](#) 3 years
[Total property and equipment](#) \$ 4

[Leasehold Improvements \[Member\]](#)

Property, Plant and Equipment [Line Items]

[Total property and equipment](#) \$ 31

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**Related Party Transactions
(Details Narrative) - USD (\$)
\$ in Thousands** **3 Months Ended 12 Months Ended**
Mar. 31, 2016 Dec. 31, 2015

Related Party Transaction [Line Items]

[Proceeds from related party debt](#) \$ 92 \$ 62
[Advances from related parties](#) 50
[Repayments of related party debt](#) 20

[Chief Executive Officer \[Member\]](#)

Related Party Transaction [Line Items]

[Payments related to tax withholding for share-based compensation](#) \$ 198

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**Stockholders' Equity (Details
Narrative)
\$ / shares in Units, \$ in Thousands** **3 Months Ended**
Mar. 31, 2016
USD (\$)
\$ / shares
shares

[Number of common shares](#) 3,600,000
[Number of stock option](#) 75,000
[Class of warrant or right, issued](#) 2,025,000
[Class of warrant or right, outstanding](#) 2,025,000
[Fair value of stock option granted | \\$](#) \$ 223
[Dividend yield](#) 0.00%
[Stock based compensation expense relating to unvested | \\$](#) \$ 313

Amortized period	3 years 9 months 18 days
Clean Lithium Corporation [Member] Consultant [Member]	
Number of common stock issued for service	75,000
Exercise price per shares \$ / shares	\$ 1.00
Private Placement [Member] Investor [Member]	
Number of common shares	437,501
Warrant purchase of common stock, shares	175,000
Warrant to purchase of common stock \$	\$ 280
Warrant term	5 years
Exercise price of warrant \$ / shares	\$ 0.97
Common Stock [Member]	
Number of common shares	3,600,000
Non-Employee [Member]	
Number of stock option	150,000

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**Stockholders' Equity - Schedule of
Adjustment to Outstanding Shares
and Options Equity (Details) - Mar. 31, 2016 Dec. 31, 2015 Dec. 31, 2014**
USD (\$)
\$ in Thousands

Common stock	\$ 334	\$ 322	
Additional paid-in capital	\$ 11,692	\$ 10,705	
Previous Filings [Member]			
Total shares outstanding		28,649,497	26,699,497
Common stock		\$ 286	\$ 267
Additional paid-in capital		\$ 10,741	\$ 8,130
After Correction of Error [Member]			
Total shares outstanding		32,235,525	30,285,525
Common stock		\$ 322	\$ 303
Additional paid-in capital		\$ 10,705	\$ 8,094

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**Stockholders' Equity - Schedule of
Adjustment to Outstanding Shares
and Options Operation (Details) -**
USD (\$)
\$ / shares in Units, \$ in Thousands
3 Months Ended
12 Months Ended
Mar. 31, 2016 Mar. 31, 2015 Dec. 31, 2015 Dec. 31, 2014

Net loss	\$ (965)	\$ (62)		
Net loss per share	\$ (0.03)	\$ 0.00		
Weighted-average shares	32,448,987	30,285,525		
Previous Filings [Member]				
Net loss			\$ 1,792	\$ 47
Net loss per share			\$ (0.07)	\$ 0.00
Weighted-average shares			27,263,059	26,394,554
After Correction of Error [Member]				
Net loss			\$ 1,792	\$ 47
Net loss per share			\$ (0.06)	\$ 0.00

[Weighted-average shares](#)

30,849,087 29,980,582

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**Stockholders' Equity - Schedule of
Fair Value of Assumptions
(Details)** **3 Months Ended
Mar. 31, 2016
\$ / shares**

Equity [Abstract]

Exercise price	\$ 0.09
Expected stock price volatility	80.00%
Risk-free rate of interest	1.34%
Term (years)	4 years 7 months 6 days

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**Stockholders' Equity - Schedule of
Stock Options, Activity (Details) -
USD (\$)** **3 Months Ended
Mar. 31, 2016** **12 Months Ended
Dec. 31, 2015**
\$ / shares in Units, \$ in Thousands

**Share-based Compensation Arrangement by Share-based Payment
Award [Line Items]**

Weighted Average Exercise Price, Outstanding, Ending Balance	\$ 0.09	
Employee Stock Option [Member]		
<u>Share-based Compensation Arrangement by Share-based Payment Award [Line Items]</u>		
Number of Shares, Outstanding, Beginning Balance	1,050,000	
Number of Shares, Options granted	400,000	
Number of Shares, Outstanding, Ending Balance	1,450,000	1,050,000
Number of Shares, Options vested and expected to vest	1,450,000	
Number of Shares, Options vested and exercisable	237,500	
Weighted Average Exercise Price, Outstanding, Beginning Balance	\$ 0.27	
Weighted Average Exercise Price, Options granted	0.90	
Weighted Average Exercise Price, Outstanding, Ending Balance	0.44	\$ 0.27
Weighted Average Exercise Price, Options vested and expected to vest	0.44	
Weighted Average Exercise Price, Options vested and exercisable	\$ 0.12	
Intrinsic Value, Outstanding, Beginning Balance	\$ 757	
Intrinsic Value, Options granted		
Intrinsic Value, Outstanding, Ending Balance	1,271	\$ 757
Intrinsic Value, Options vested and expected to vest	1,271	
Intrinsic Value, Options vested and exercisable	\$ 285	
Weighted Average Remaining Contractual Life (in years), Outstanding, Beginning Balance	5 years 1 month 6 days	
Weighted Average Remaining Contractual Life (in years), Options granted	6 years 9 months 18 days	
Weighted Average Remaining Contractual Life (in years), Outstanding, Ending Balance	5 years 4 months 24 days	
Weighted Average Remaining Contractual Life (in years), Options vested and expected to vest	5 years 4 months 24 days	
Weighted Average Remaining Contractual Life (in years), Options vested and exercisable	2 years	
Non Employee Stock Option [Member]		

Share-based Compensation Arrangement by Share-based Payment Award [Line Items]

<u>Number of Shares, Outstanding, Beginning Balance</u>	2,820,000	2,670,000
<u>Number of Shares, Adjustment to stock options</u>		150,000
<u>Number of Shares, Option Exercised</u>	(100,000)	
<u>Number of Shares, Outstanding, Ending Balance</u>	2,720,000	2,820,000
<u>Number of Shares, Options vested and expected to vest</u>	2,720,000	
<u>Number of Shares, Options vested and exercisable</u>	995,000	
<u>Weighted Average Exercise Price, Outstanding, Beginning Balance</u>	\$ 0.19	\$ 0.2
<u>Weighted Average Exercise Price, Adjustment to stock options</u>		0.1
<u>Weighted Average Exercise Price, Options Exercised</u>	0.11	
<u>Weighted Average Exercise Price, Outstanding, Ending Balance</u>	0.19	\$ 0.19
<u>Weighted Average Exercise Price, Options vested and expected to vest</u>	0.19	
<u>Weighted Average Exercise Price, Options vested and exercisable</u>	\$ 0.19	
<u>Intrinsic Value, Outstanding, Beginning Balance</u>	\$ 2,252	\$ 2,118
<u>Intrinsic Value, Adjustment to stock options</u>		134
<u>Intrinsic Value, Options granted</u>		
<u>Intrinsic Value, Outstanding, Ending Balance</u>	3,061	\$ 2,252
<u>Intrinsic Value, Options vested and expected to vest</u>	3,061	
<u>Intrinsic Value, Options vested and exercisable</u>	\$ 1,126	
<u>Weighted Average Remaining Contractual Life (in years), Outstanding, Beginning Balance</u>	3 years 10 months 24 days	4 years
<u>Weighted Average Remaining Contractual Life (in years), Outstanding, Ending Balance</u>	3 years 9 months 18 days	3 years 10 months 24 days
<u>Weighted Average Remaining Contractual Life (in years), Adjustment to stock options</u>		2 years 1 month 6 days
<u>Weighted Average Remaining Contractual Life (in years), Options vested and expected to vest</u>	3 years 9 months 18 days	
<u>Weighted Average Remaining Contractual Life (in years), Options vested and exercisable</u>	3 years 10 months 24 days	

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**Stockholders' Equity - Schedule of
Nonvested Restricted Stock
(Details) - Restricted Stock
[Member]**

**3 Months Ended
Mar. 31, 2016
\$ / shares
shares**

Share-based Compensation Arrangement by Share-based Payment Award [Line Items]

<u>Number of Units, Nonvested, Beginning Balance shares</u>	650,000
<u>Number of Units, Vested shares</u>	(650,000)
<u>Number of Units, Nonvested, Ending Balance shares</u>	
<u>Weighted Average Grant Date Fair Value, Nonvested, Beginning Balance \$ / shares</u>	\$ 0.40
<u>Weighted Average Grant Date Fair Value, Vested \$ / shares</u>	0.40
<u>Weighted Average Grant Date Fair Value, Nonvested, Ending Balance \$ / shares</u>	

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**Stockholders' Equity - Schedule of
Warrants Outstanding(Details) -
Warrant [Member]
\$ / shares in Units, \$ in Thousands**

**3 Months Ended
Mar. 31, 2016
USD (\$)
\$ / shares**

shares

Share-based Compensation Arrangement by Share-based Payment Award [Line Items]

Number of Warrant, Beginning shares	1,850,000
Number of Warrant, Issued shares	175,000
Number of Warrant, Ending shares	2,025,000
Number of Warrants, Warrants exercisable shares	2,025,000
Weighted Average Exercise Price, Outstanding, Beginning Balance \$ / shares	\$ 0.31
Weighted Average Exercise Price, Issued \$ / shares	0.97
Weighted Average Exercise Price, Outstanding, Ending Balance \$ / shares	0.37
Weighted Average Exercise Price, Warrants exercisable \$ / shares	\$ 0.37
Intrinsic Value, Outstanding, Beginning Balance \$	\$ 1,249
Intrinsic Value, Issued \$	61
Intrinsic Value, Outstanding, Ending Balance \$	1,921
Intrinsic Value, Warrants exercisable \$	\$ 1,921
Weighted Average Remaining Contractual Life (in years), Outstanding, Beginning Balance	4 years 3 months 18 days
Weighted Average Remaining Contractual Life (in years), Issued	4 years 10 months 24 days
Weighted Average Remaining Contractual Life (in years), Outstanding, Ending Balance	4 years 1 month 6 days
Weighted Average Remaining Contractual Life (in years), Warrants exercisable	4 years 1 month 6 days

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**Stockholders' Equity - Schedule of
Stock-based Compensation
Expense (Details) - USD (\$)
\$ in Thousands**

3 Months Ended

**Mar. 31,
2016** **Mar. 31,
2015**

Share-based Compensation Arrangement by Share-based Payment Award [Line Items]

Share-based Compensation	\$ 627	\$ 35
Employee Restricted Stock Awards [Member]		

Share-based Compensation Arrangement by Share-based Payment Award [Line Items]

Share-based Compensation	136
Employee Stock Option [Member]	

Share-based Compensation Arrangement by Share-based Payment Award [Line Items]

Share-based Compensation	31	3
Non Employee Stock Option [Member]		

Share-based Compensation Arrangement by Share-based Payment Award [Line Items]

Share-based Compensation	\$ 460	\$ 32
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**Contingencies and Commitments 3 Months Ended
(Details Narrative) - Hudson View Mar. 31, 2016
Building, LLC [Member] USD (\$)
\$ in Thousands a**

Operating lease square feet a	8,000
Lease term	87 months
Annual rent \$	\$ 208
Increase in annual rent of lease percentage	1.50%

**Contingencies and Commitments -
Schedule of Contractual Minimum
Lease Payments (Details)
\$ in Thousands**

**Mar. 31, 2016
USD (\$)**

Contingencies And Commitments - Schedule Of Contractual Minimum Lease Payments Details

2016	
2017	139
2018	210
2019	213
2020	217
Thereafter	744
Total	\$ 1,523

Subsequent Events (Details Narrative) - USD (\$) \$ / shares in Units, \$ in Thousands	1 Months Ended			3 Months Ended		Nov. 01, 2016	
	Dec. 06, 2016	Nov. 02, 2016	Nov. 30, 2016	Aug. 31, 2016	Jun. 30, 2016		Apr. 30, 2016
Number of common stock shares issued							3,600,000
Subsequent Event [Member]							
Number of shares cancelled during period	210,000						
Number of shares exchanges during period	210,000						
Subsequent Event [Member] Stock Option [Member]							
Number of shares exchanges during period	210,000						
Option exercise price per share	\$ 1.08						
Stock option expiration term	5 years						
Private Placement [Member] Investor [Member] Subsequent Event [Member]							
Number of common stock shares issued				40,000	100,000	117,188	
Shares issued price per share					\$ 2.50		
Private Placement [Member] Investor [Member] Subsequent Event [Member] Additional Shares [Member]							
Number of common stock shares issued			100,000		100,000		
Private Placement [Member] Investor [Member] Subsequent Event [Member] Price Protection [Member]							
Number of common stock shares issued					100,000		
Private Placement [Member] Investor [Member] Subsequent Event [Member] Common Stock [Member]							
Number of common stock shares issued				100,000	250,000	46,875	
Number of warrants exercised for cash				221,875			
Proceeds from warrants exercised				\$ 215			

[Private Placement \[Member\] | Investor \[Member\] | Subsequent Event \[Member\] | Warrant \[Member\]](#)

Proceeds from issuance of warrants	\$ 100	\$ 250	\$ 75
Warrant, terms	5 years	5 years	5 years
Warrant, exercise price	\$ 2.94	\$ 3.97	\$ 0.97
Warrant, weighted average exercise price	\$ 0.97		

[Private Placement \[Member\] | Investor \[Member\] | Subsequent Event \[Member\] | Additional Warrant \[Member\]](#)

Warrant, terms	5 years
Warrant, exercise price	\$ 2.70
Number of warrants granted	221,875

[Additional Private Placement \[Member\] | Investor \[Member\] | Subsequent Event \[Member\] | Common Stock \[Member\]](#)

Number of common stock shares issued	100,000
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[Additional Private Placement \[Member\] | Investor \[Member\] | Subsequent Event \[Member\] | Warrant \[Member\]](#)

Number of common stock shares issued	250,000
Proceeds from issuance of warrants	\$ 100
Warrant, terms	5 years

[Warrant, exercise price](#)

\$
1.16

EXCEL 49 Financial_Report.xlsx IDEA: XBRL DOCUMENT begin 644 Financial_Report.xlsx M4\$L#!0 ("B+,4H?(\#P !, + 7W)E;',O+G)E;',MDD^+ MPD ,Q;]*F?L:5\#8CUYZ6U9_)OU#.Y,AS[%^>X>];+=44/ 87O>>CT?V M/S2@=AQ2V\54C'X(J32M:OP"2+8ECVG%D4)6:A:/FD=I(*+ML2'8K-<[D*F' M.>RGGD7E2B.5^S3%" :4A+,*P).B0'5?UX^8 TBTH_0(:+L A#&^NQT:E8(C M-R."?S]PN -02P,\$% @ *(LQ2F,S"V"" L0 ! !D;V-0&UL38Y-" \ (P\$3_2NG=;BGB06) L\$?!D_>0;FP@R8;-"OGYIH(? MMWF\81AU8K(XK%T-8943OTJDH\ Q:X831F:3LTXFBD(3^ G/,6+V2?\$9/ M-(X'P"J8%EQV^3O8:W7..7AKQ%/25V^9"CGIYFHQ*/B76_..7+8#?NW_+"" MWTG] E!+ P04 " HBS%*#8Y43.X K @ \$0 &1O8U!R;W!S+V-O M&ULS9+12L0P\$(9?17)OIVG%0NCFLN))07!;!1:2V=U@DX9DI-VW-ZV[M740?P&-F_GSS#4RG@]!#Q.8T8] M.O24@)<-8CLV2RSMP M>'MZ?%G6+:Q/I+S&_"M90:> &W:9_-IL[W621A^_1S80RY8-[9]-NIL!"SI^Y%1^?H.'GS M[BYBZ:(/E)X8-DOV]:[MR_>X%#BVR]*+41B1%G\@MNN01.+5)#3(3/PB=AIAJ4!P" I DQEJ&&^+3&K!'@ \$WVWO@C(MWXV(JZMOFCU7H5A)VH3X\$8:XIQSYG/1/L'I4;1]E6W*.76!4!EQC?-*HU M+,76>)7\ :V@S&L%&KQMUAVC2/'K^!F<-0HACA*FNVB<5@\$_9Y>PTG!Z(++9OVX?H;5,VPLCO=U!*= MY \FIS_1,C0'HYI9";V\$5FJ?JH,@H%&;D>/N5Z> HWEL:4*Z">P'_ MT=HWPJOX@L Y?RY]SZ7ON?0]H=*W- R-]9\3BUO>1FY;Q/NN,=K7-"XH8U=R MSTS0LS0[=R M2^JVE+ZU)CA*]+', <\$X>RPP[9SR2';9WH!TU^_9==N0CI3!3ET.X&D*^ VVZ MG=PZ.)Z8D;D*TU*0;\YZ<5X&N(YV02Y?9A7;>?8T='[Y \%1L*/O)/8=QXCR MHB'NH8:8S'-#AWE[7YAGE<90-!1M;*PD+\$.W8+C7\2P4X&1@+: '@Z]1 O)2 M56 Q6'8#*Y"B?SR,1>APYY=<7^/1DN;/IF6U;J!I=QEM(E(YPPF8\$V>KRMYE ML<%5'<]56_*POFH]M!5.S_Y9KF4Q9Z;RWRT,"2Q;B%D2XDU=[=7G MFYRN>B)V^I=WP6#R_7#]1P_E.^=?%U#KG[VW>/Z;I.[2\$R<<<41 71% B.5 M' 86%S+D4.Z2D 83 >LX=SFWJXP6L_UC6'ODR MWSEPVSK> U[F\$RQ#I[!?'8J*!&K8KZZKT_Y)9P[M'OQ@2";_-;I/=X Q\ MU*M:I60K\$3]+!WP?D@9CC%OT-%^/%&*MIK&MQMHQ#F 6/,H68XWX=%FAHS MU8NL.8T*;T'50.4_V]0-:/8--!R1!5XQF;8VH^1."CS<_N_-L,+SCN'MB[! M4\$L#!0 ("B+,4J2_\5J90(14(8 >&PO=V]R:W-H965T&UL?5;;CML@\$/T5RQ^P&'R)O7(L):FJ5FJE:*NVSROAL;78N\$#B M[=7L=-U ?&(]Z=3. ME?\$62[7D-R!Z3O#%D%H*4!1EH,5-%U:EL1UY5;*[!\$U'CCP0];,% />#49L M0QB^&UZ:6RVU 51ECV_D&Y'?R- 7*S![N30MZ43#NH"3ZS;

<#3#3!(XT M9!">+:!3.3'VJA?>+LPTA\$12LY2N!J>) #H51[4G\FIR&LZ8F+N?OWC^: MY%4R)RS(@=&?S476VS

/@PNYXCN5+VSX1*.\$TC"8LOJ""H0JN(Y\$:9P9%>8W M.-^%9.WD1872XK=Q;#HS#N-. B>:GX F
IH)*LO(9X(4P83Q.,D9E4/V") MJY*S(>#CU^JQOA3P5.'>=&._A4XN(C8+Q![,X@-/5[0\$S\])=(30T\6]-0Z
!>1^052KT#JT#>6 MP(A#(:3SA",2IROTSFE^!K-R6PBM1N/\$\$DO! 4K\\$/PU%;D>,KNJ
)C-BL1*Y4+7@_7)#Q-F>;5B ME!&(FB7/5@LBWA-]/1!F!J)XTPX5U[GD!9![IO_"Q87[%_-9T(C@QJ9YZ
MR!?'&9-\$!1,J3!JU:/G!257J.<.->=CHQH7DO53\$P;S/X'J#U!+ P04 M" HBS%*RYBZEUH# "T#P &
'AL+W=OBV\1(!6JJI5:*4K5)MF!!:S87FHOD/[KB]!9F:6 MY"78SC>[9VQSV)V==?/2[14RWF5UNW B"=KU75=
>ZX.J[7^VNJER M8T^;7=>&I5O^J*J#">@8QD&5%[6_F/77!O%3!]-6=3JL?:8U7ES;^E*O5Y M[C/_(<)3L=N;
[D*PF!WRG?JIS*_#8V//@LLHFZ)2=5OHVFO4=NY_8@\KGG0% M?>)WH<[MY-CK6GG6^J4[^;9^V%T\$JU-
MT0N?TXJ94JRVXDR_%W'-2_S-D5 M3H_?1O_2-V^;>MO7I:<#D+3MTX8V0Y M1/@T0(> @,B&C.2*2^(\(<&>#
\$0\$Q(H01.RABDB+& M4S! \$,I6"C@8Z%"&:=)\$!(DP23@%5XF^)'[@ -"! I"9%B"-#I,B4ZC<&3 M6U&A3-
(D&4F2H.^;<-2SD)9&B'N)H#5"?\$<9[(4*2<=+QAP"8Y@EABP,39,A
MA^%.[B^C+88XY@\$.FC,3&>1C\$S4(A0*!PMM1(:5**"*QLP[+\$3(R4);D6\$M M"J@C*@[=#MS34)
[D47HS9>N\$6BG,2PU":5&9' O-S/7)+33&):.A%)CA-6\$ MA"A\$B+O>?%IM#+M-0KRDU":4
MB?4"F7(M&#@M3HZ7BY%#5YP6)X\ K%Y."X]_0'A\$!JGW=F8@"2;.;IVX_^R-O
M=D7=>L_?V)U8OU_.:FV4'2^M_?F;[?0EY-2;4UWF-CC9MA#B=&^8]-6/DG*=L%0F)WHC41
M+ZREC;IS8+PF4DWY\$8F64[(W1G6%PB!(44W*QL^79FW#R4[RZILZ(9[XES7
MA/];TXIU*Q_['PNOY?SD]0+*ERTYTI]4_FHW7,W0Z&5?UK01)6L3@K_Q->
M%#C1!D;QNZ2=N!I[.I4M8V]Z\FV_@--1"NZD]H%49<+6A5:4^*X^_@U!]C M:L/K\8?W+R9YE5
/_/3V05#@DEOC=D_YU>:*7D MFD3%V+%*F]O=Q:2U8,7A5*3]_Y:-N;:]7>R^6 &&X2#03@.X/BN03081)8!
MZLE,JI^)/F2L\C_=-JB7X1")2F[G3BV;OS#V5K5"KESS!2W31?@;.)NI>\$ M5Y)PJB@
13)*D(H_0H0@1&CLXVL(*2ZE^R,I#&2X"6P2(L'H@E!))\$+DED MD?22Y"J(*AK]LV >ZR8\,<@3NSRQQ>-*
(AOEKF1"D8 4B4N16!2NQ*&X*YE0 MI"1%ZE*D%D7ZS%OR0#0AR4"2S"7)+>?;I1
KXF3P@G1#.0:.82S2RBF1LH MBL,H"*U+ !A&\$9)T3 _W3K@M X^.\QT4PRT4 SW4K@= XY(\T471U<=?G
\9^\$XL&^%M MF53G"/.U/S FJ?(70"A_)W4 "<5/4@]S-28]Z>@?B)9.YSPT'C,S/\#4\$L# M!#0 ("B+,4K8H'A'H0(#<) 8
>&PO=V]R:W-H965T&UL?5;OK]H@%/U7FGY_%NAO4TVTR[(E6V+>K;J*C:-TL'J&__#86
MV@'=%UOH.??>@W OQ9VR=WXA1'@?3=WRE7\1HEL& 3]<2/(Y@G:DE5].E#58 MR"\$[!QC!\!UJ:D#]\$
2-+AJ_76AYW9L7="KJ*N6])C'KTV#V9\MJ>E]Y4/_M,?%:G2]"303KHL-G.H.(MV[Y"@8HQKAK2
\HJW'R&GE;^"RA)SB:;3/BMSY MY-U35O:4OJO!U^*/TH1J@_IA3\$:?OC^B?M7EI M9H\Y*6G]JSJ*R\K/?.]
(3OA:BU=Z_T(&0['O#>Z_D1NI)5PID3D.M.;ZUSM< MN:#-\$S5*?!_ZQ: _P\!T-PS-!#029.
[_\$<*\$#X)>C6#7IFV^@D+O"X8 MO7NL_[P"&XJS@#9]A T@3P1@0P^9D"N M#%MDT=&_ "4H;D2!WAM#I(=3\
<,H/W?S(R8T/YKR(V,->DBJ(:V&Q%EHV+ Q M^*/+B)TR8EM&;,CH(?SD190;*FQ(ZA:1.\$4DMHC\$)\$%8&
<+<6*_2QLRM1>J4 MD=HR4D-&:J6 !E:2QLTMS4RIX[,UIS9.C(KQ8M#B ,UIR1W*LEM)<9?O\T= M.8S#7#HP,Z<9
G?!):0%)@5 UA'X24W-W/IOLT=?#A3O:!!U]-,Y.\JM(' MMH-.,STFFPH%"V">_PSV]0-FM+CK&+0+63JS1Z"
[DD&[E-EN(OO\HBC*\BPU M#3F0 &5QC&)#53I-
PUA9]V9N7>@UU:HRCZ9';O_!JEV9.@)B>A7E/YSOI6W@)\$[89K2C#> ME=9_5!+ P04 " HBS%*Z6"M5*#!_ \$ &
'AL+W=O='H.@ MW1UUE;??S\$G7]IN#:.JLZ?-'>]&IWOAZ"J#\$08RJ#*B]I?S(9KS\UB9MZZ MLJCU<^U;U65-
M=6G.9'?+;?NZ?46ZU+NN3Y'; MCW>]TF799]U_N2^M^M]>'_*WL
MOIOSK]HUE/B>Z_YW_?Y+B_>5V#%VIFR'_][NK>U,Y;+84JK\Y^6SJ(?/L\O_M\$<8"!<@K@%W
V(7\$!T#8CDW8#8!<2?(1W Q(7D'P&J+L!T@7(SY*BNP&I
M"t@_51KF[R+N,%OKO,L7L::RX\$SYOZ[A,;7K8==?*9_^,Y.6&NOOB_2 M>!:]\WD0863-(.D:>&"0;(QL&46-
D2Y\$LO"*!%>.JB& 5 M\$4-?!L/2)\$+D@Y(2 B0_VN* -A&J-;:TH]2-30\$- "!"C;,)A"FTI(Q7P
MXD2L.!\$51R!Q+D@R%B=6L4+3O:9@"G&:3\$Q6S-83TWHB5\$],>H[P7,6DD@?],
MK.E(48@FZFM\S6RO8N,)\$E821(J"=[1">DW2C(9BHP?1[+C2#H.NBTL)95>
MH.6RDJ06NT]"E&E-;]@C.Q^X3!R#ZAS.0^25EQ4BH.6E#+\$EZ"\$%&2"-P[M!>_MDXRM)Z/UH.VXRFC/
M^A:1JRPK]&MO='&G6CV&X4[0;-X%*1!8/[570= M3!0!(6^=(2T#++;:E8T:)]J]P^Y(I@P
MT8#>_Q6V-*&%4?VCH"?+IAB'@,<_D.2Z7 M]R2@IB31G>\$).
.0"2Z8H23@BEG+\$*B9MXJ@'J%PD;JF)&31F0>= 36_@1> M%?2C7LI! (#'W+ <%G/+4#*9>-@ WL"
^HK"C@K46*Q*(KJ=\$: MH_I7S_RYK6H6^_ %/=:%;'AO.AC3:9LS_&:S'76^OYZ4^MUAZD];BZOQ)>3
MSISZ]E435+_ZCU MZ2X(FNU1EESJTZR,O_L55UFVCS6AZ YU3+;V:"R"# ,XZ#,LI?+>S80]U:
MJ+,NDH^U%YS+LNL_KN6A;HL??#?A[SPU&W \%J<J^)WOJ]"ISWUO)_?9N="/
MZO)%]H(BW^O5?Y,OLC#PEHF98Z*QOYZVW.C5=EG,53*+[6[YI6]7OK\;V%\ M /8!. 1]-\
T0>[X"9%=>QLU_93I;+6IU\>INMTY96Q1P)QB;MM!NW;V M/Z.V.;:OJS19!"JGAZR[B X@L"
"\$SR80;D9EBC\$X]7\$VQ<1(S#(+5(&R\ M&&N8_\$\$-GYFXV?C^>=D#3I(8B&5A=Q
B#S1P]BP3.)6":1JR3EXV,V/G:4 M0!@2*1TF&ISS(L/-D* >1<*R2!@69(YUXK"(D13>QL6(B.:6ES>TX
S->>,6P'E_/NY+P!L3L,S"II1*ZKX;Y!R<3-- M<4>XM"U.\$K#5WWBB@3+L4\$]
[@D#\$XH!NSKL'=H,/EXPZ'O.,AZW! "V&- MKGL)I-7"9)KDPGL<,AX'2+EP'D>/=0XT^NB)L-;+J?;

#T%.I!5X>[<#;) M!8W/LVLRO%DB8Y9 W;'\C;\-XY2:/PF_^JZI?=5X3TJ;ML,V!WNEM#0,PUO#&CZQ>&A
MD'O=WB;FONZ:INY!JU?/\$ 9#5[KZ!U!+ P04 " HBS%*7]L OK\$! #2 M P & 'AL+W=O=
*G7J6JE33IUVO8Y!P:B)C%-PM'^^R6!8ZQ#^T)LX^?Q8(?)!C2OM@5P MY%U);7/;.M?M&;-E"XK;^*Q
^SU&L6==TW#; &> 5Q&D)\$LWFQNFN-"TR&+L M:(H;>R>%AJ,AME>*FX#2!QRFM!+X\$4TK0L!5F0=;^
[N!_ =T7B/S2R54*"M M0\$T,U#F]3_:'7.E03BY>B^/MX"AW/8>* _P-8!Z01(/P'86"@J_ \((=S*# M
S'C[#L>KCC9IWXV90C&4<1_7KSUT7.1)-<9.P>B*?>:Y1+I6 MXI#^
T_7X=M5A=L(W_ZE&:=8+=*L(L\$N_^VN)9S^ZD(6Q4@6GB-EE28J_C M)B^B\+>I_%. _J2/V_Z-
FT9H2T[H_,W&^=>(#KR4S95?H=8_L-F14+M@WGK; MC&LV.@Z[Z06Q^1D7OP%02P,\$% @ *(LQ2E\M0).Q
0 T@, !@ !X M; "JW;W)KN.P%2K]6T M29MTZK3UF XU_:F,5]^C:AKG. JB2\$F6;C8W3'&A:9'%V-\$6F>F]%!J.
MEKA>*6'_D':(:<)O00>1=/Z\$&!%UO\$&?H+_UITM>FQFJ80"[831Q\$*=T[MD
M?|B%_)CP6#\@%C8)G9R,>0|.MRJGFR())0^,' \SG /4@8BE/%GXJ1SR0!< MVA?V+[%W|.7\$'=P;^20JW^;
TEI(*:MY+_VB&KS#U^41,+2E\93R%CN?& M. F?/F[|#VX;H1TY&8\W&^=?&
^,!I6RN<(5:?'&"S(Z'VP?R\$MAW7;'2Z:87 MQ.9G7/P#4\$#!0 ("B+,4I-EL"L@\$ -(# 8 >&PO=V]R:W-H
M965T&UL?5-AC]0@\$/TKA!|P=-D]/3=MD|LS1A--F?4SVP| M;T3ZX#.19*^,*VGG?'QES50=:N!OL
MP82;JT6/IBV9:ZW(.H\$THKQ+'O%M)"&EGGRG6V9X^"5-"VQ U:"_OC! K' M@N|HB^_
1MIV/#E;FO6CA, @O _=D&BRTLM=1@GS1#+#0%O=\=3X<8GP*^2AC= MZDQB)1?SIVA\J
N:14&@H/*1083M"@^@5"0*,K|/G'1)&8'K\PO|NU1|J.4B
M'#R@^B9KWQ7TCI(:&C\$H_XCC>YCKN:5D+OXC7\$&%* @DY*A0N;22:G >|E+G%D=BI|V(3P|'M";
M*CI3*)=\$. ^"|UKN>):S:R2:8TY3#%_ '+!\$LL"V^%:*\$ _+SK?A^TV%^P3?
M_Z;P'_D/FP2'1#X;XE;7^J9*N>:K!MFB9*AQ,FN25=QG8>Y|>Y%?X-V? MA&VE<2"/KQLZG^#Z"%
(R6["""7A@RV&@L;'X^MPMM.838;'?OY!;/G&Y4]0 M2P,\$% @ *(LQ2NQL(6ZT 0 T@, !D
!X;"JW;W)K&UL?5/;MP@\$/T5Q >\$->NDT|#^ID:C MA/.F:9CM#8@J@I1D?+>
[84ITFA99])U,D>@9*?A9(@=E!+FUQ\$DCCE-Z+OC MN6M:%QRLR'K1P#PW_N3|9;6*I.@;
8=:F*@SNE=5@:'J9Q4M1XFW: M.QWW<;I)DQFV#> S@""^ VYB'38FB\(@?A1)\$9'(F9>M^+),3)@?>O>E,\$96Q'O
MO'CKO9H]1|L,234+AP_^;9QFPR';#S#V++-RY^ U!+ P04 M " HBS%*#LZLG|0! #2 P & O 'AL+W=OW<NC
M@Q59)QKX!OY|=|:8C-+348)\$0"W5.|[?'TS[&IX ?\$@:W.)-8R07Q)1J? MJYQNH8!04/K(,)VA0=0*A(%&
3G3CJGC,#E^8W]8ZH|U'(1#AY0/'ODH3=E=*96I+L@W@7O MM=CRVXQ=(|\$47
M3?VOS3T\$*9N;,\$)M^&"SH:#V\7@7SG8&PO=V]R:W-H965T&,"*C:EMEO3O.S:SHA;E
MQ?;,,SES3B?C'UV^8 G+UKUKJ"=|.1,5=UH(6|,0/T>-;8JX5'T|;#19\$
M'4E;9XD|Y@6LJ=E'GUG6^9F|\$KV<+;SC5H+^_LSRDP%3>FKXU&VG0\5N:#
M:.S|^!_#V:+%5I5::NB=-#VQT!3T/CV>#@?\$ 4)2)KX@D)XR 1C5\$:YN)J=-[H1053T>)EWF4?|VF^X>E"
MVR?PA.O:F",|8BWF'R#KW7,N4? MB!/_C\|WZ=ENAEFD9]OH6;(O<-@5.S2!PYLE
M|F"R?XMDFFYYJL&V<)D=6#O>7R3O_!YVK)\K>D8OQ^+*Q_XTQ M'C"5Y 9'J,/,MAH*&A^.
[_%LYS&;#6^&Y0>Q]1N7?P!02P,\$% @ *(LQ M2IX8^DBU 0 T@, !D !X;"JW;W)K&UL;5-A
M;|P@#/TKB!|0|DANJTY)I%ZK:I,VZ=IIVVFAPYO:F.U\C:AKG>@J@B2"O& M=[M/3 O9T2*+OK,M,C-
X)3LX6^(&K87|>P)EQISNZ:OC23:M#PY69+UHX ?X MG_W9HL46EDIJZ)PT';%0Y_1N?SRE(3X&_)
(PNM69ASHNQCP'XVN5TUT0! I* M'Q@\$;E>X!Z4"SM^+),3|(\?>E,\$96Q'O4+Q#[|78)SQCUT T
MQYRF&+Z.62(8LB\I^%:*\$ _\SK?AR;:"),*3=PJ3;8)TDR"-!.D|@O1#B5LQ
MAP|)V*JG&FP3I\FIT@Q=G.25=QG8N_B(|"U\F0;OPC:R<^1B+YL|]'MC >4
MLKO!\$6KQ@RV&@MJ'XV<\VVG,).?OY!;/G&Q3]02P,\$% @ *(LQ2H | M/ENT 0 T@, !D
!X;"JW;W)K&UL?5-A;|L@ MS/TKB!|0\$1*U661;:CI-F|1)4=:MGXE|ME&!P#*W;\?8>S6FM?@#ONO7MW
M'-F |LFU)X):V5<3EOONR-CKFQ!"W>#9AP4Z/5P@?3-LQU%D250%HQOMG< M,BVDH466?&=;
9-A)0V<+7&|UL+^/H'"(:=;^N)XESWKHX,562<: ^ ;^>W>V MP6(S2R4U&"?1\$ MU3N^WQ],^QJ>
'Q(&MSB36,D%&2D:GZN<;J(@4%#ZR"#" M=H4'4"H2!1F_)DXZIXS Y?F%_6.J=1RS0X>4
/V4E6|S>J"D@EKTRC_B\FF M>MY1,A7_!:_Z@0GA4\$G*4J%Q:2=D|CWIB"5*T>!YW:=(^C#?_01;!)P&?
M(>5A8Z*D_(/PHL@L#L2.O)|\$?+.MD8?>E-^96I'N@G@7O=BN|O-V#4233&G
M,88O8^8(%MCG%'PMQ8F_@?-U^&Y5X2!|= _HO%LGV*2|!|/!_KIEKL4<7B5A MBYYJLSV);D=*
[SV:Y(5W'MA|GM|D;_@X|5^%::1QY((^O&SJ?XWH(4C9W(01 M:L,'FPT%M8_'NW"VXYB-
AL=N^D%L_L;%'U!+ P04 " HBS%*ZM@;CUH" M "C" &0 'AL+W=O@ TQM)US?OK8A%)GE3|#-
|,PNF67)>B|> M9PD/'EO&BK^EG-^|V/_?>!6W4KE3E >=:1&_O!U,_N
M)/0.32R7JF&MK'CK"7;=^P>.\^+\$!%C\$KXKU_JHLJ|O_&|]"O2
M>ZW>>|^%C07%OC=6_XT|6*WA)A.M4?!:VE^ONSO%FY%%I|+0C^%:M?;#W?2 M9Q@<0,8 ,@5L;
:A&SFGZBB>29X|XGAX7?4 _,X1_2S*ZM-' MCL-MAAZ&:,0|'0&O'K@U T)H/X!< M!KH|6?@ JWY
'X'8*#|DX4/()#K S2;\$0T3-SL=I5?P>VM'\^QTFL '8F?;
M?_@POK|3<:M:Z9VYTI^SI,KYXKI7((777.IOQBF3TH"/@!\2 M1KNR2>CD@O@:G,]53G>A(%!0NJ
@_ '&%9U J"/DR?LV:=\$D9B&O|IOXQ|NY| MN0@+SZA^RLJU.7U/206U&)]1|P?S3S/T/4C(W_P6NH#P

5.)SE*AL_)RL [U MK.)+T>)M.F47SW'6O]&V"7PF#L"FQ+%RC\()XK,XSC,-/M>A"M.CMS/I@S!
M.(KXSQ=O??:1):(?4E!)=*<+ _T?DV?;]9X3[2]^OL MR6%;(-T42*- ^D^+CW[^00?-KV
MK\ (TLK/D@L[?];Q_C>C E)]["O4^@>V. IJ%\QWWC;3FDV.PWY^06QYQL4? M4\$#!:0 ("B+,4HV:PGZLPS
-(# 9 >&PO=V]R:W-H965T75LQUUH0121IQ?AJ=<.TD W-DA@[V"PQG5>R@8,EKM-V+][4*9/Z9J> M
^RJT(L"QI104_P?][#Q8]-JD44D/CI&F(A3*E]^O=?AOPS? BH74@3BWS^I/L7?LY2@SGFI*Q^>]P H7P4
GFR(UR/4ORSGFC1Q4L18NW MX91-/M1_TQ;O"1P"(\;\$@4*W47F2)-3VQP^Q;\$:YXO>,XFSP\$XRCB/RS>
M8?24K6]NSW8*0B-F/V#X#,A&*I/*?A2BCW_0.?+],UBA9M(W\RS\T_R;Q<%
MME%@^Z[%NXL6ES!?!+I*PV4PUV"INDR.YZ9JXR;/HM+#W/-])?_BP[3^\$K63C MR-%XO-
DX_](8#UC*Z@I7J,8'-CD*2A_6]3ML&:#XTT[OB V/>/L'U!+ P04 M " HBS%*(J-9Q;4! #2 P &0
'AL+W=O?2=39GCZ)3LX6R(!;46YO<)%\$X%3>F;XUFVG0L. M5N:#:\$.N. #V7B+K2RUU-!;B3TQT!3T(3V>LA
? WY(F.SF3\$(E%278'RN M"YHS0:"@ MDAH:,2KWC-,G6.JYI60I_@M<0?GPH,3GJ%#9N))JM
[UPN*E:/\$Z[!/*^S3? M9.D"VP?P!PMN:#S M+QO[WR Z\%*2&S]"G?][JZ&@<%XY|F'K/9<#/@L/XBMW|C\
U!+ P04 M" HBS%*):^Z>!T" #?!@ &0 'AL+W=OS,V;K_>JA== YC@5?!6%V%M3+MG3E))9BQ0W4F MNE/
CCY)<\$*C*"&"-6U8YCZV5V4N+X8W+>Q5H""]/5G!USV11B';X'GYEP; M%R!EWKSS?
?SH]LK.R(3R[\$!T.I&MH&"4Q%NX\TNIB!(WXVT.N;?N"62<-)TR7>]M_8/_G%\4>=S+ R5[(U+Y'7-
G'&^HW9O*!U6 M^#EK7MOHM8S314ZNCFC\$] 8,0<5,"&+9)PF*2>SHNW2*IR]0APN?OOS/X7+F
MS, L<)SE*K)\$")*9"(9<9\$5*K)"*+*9"(99XR)*I*)\BBF0B&N7.D*2J2
M(@1T)H)A%KA(AHID",\X#,G8-?HR)KA"#!">((OTS10I.KQ &RN|HW+FI M,4)QY|>
(T9NXC>E'K"*@=333(3?U18 Z^JJ@TI>6E_6;Z)3]=[ZXDW^P8?2 M_XVI<|JX""-K7*^%IVD-&"]1
_V.M3VM9D&\$[&=5;5T)/09&=N-S0J8W MK?P+4\$#!:0 ("B+,4K0EU!&PO=V]R:W-H965T
MI.G*MI1-5;52*ZU2-7EF];&- M L8!OS[_O@-V#?U"S##.6R168&KV0)TO45%" +0?D',WZ#N9YK2N;B?\
%%,#)ABC-,K%#E92#T;#IB* M%J_3+KNXC|/-9]IVP0^\$ _A"N(UQV!0H9OY
%>%#DUHSS\$KWO17CUBY,"Q-V5P MQE;\$TS>H?=>))^3C%V"T(PY3AB^QBP(ANI+"X5XLC_H_-
M>KJ981KIZ3IZ MFFX|+|#<%|E%@_T^)_\$.)6YB/0=BJIQIL\$Z?)D=(,79SDE7<9V+OXB.P=/DW| M3V\$;V3ER-
AY?-O: -L8#IK*[PA%J8,MAH+:A^,G/-MIS";#FW|^06SYQL5? M4\$#!:0 ("B+,4J(GSKI@\$)L# 9
>&PO=V]R:W-H965T37MB;K# VQBD),NS;,,4%YK69?0=;%V:LY="P\$2=U:*VW]|D&:LZ(I^
M.%[J\$?P>IRX"?X!?!W<+!HL9G2"@7:".)A:ZB7U>?1'T4? J8'17>Q(Z M.1KS%HSO;46S4!(:'P@<%PN\
A2!A"67=BTCEE"+S>?]"?8^_8RYS|>#3R MCVA]7]\$2EKH^%GZ%S-^@ZF?>TJFYG_
!23*0R68HS'2Q2]ISLX;-5&P%,7? MTRIT7,=TLEE/8L(6-\ MMLN 8A%0+%3P*G-I-E&C4Z:+/N4A%W--
5S;GJR>A';D:#S^HCC(SA@/R,ON M"[T^%)F0T+GPW:+=YON2S*&::GP.;W6/^4\$#!:0 ("B+,4H%).R- M_0\$
\$T& 9 >&PO=V]R:W-H965T0/. .)(42 U%Q5M5(K15>U?79@">@,IK83KG]?VQ"4RRU2\A!|S>S,[A!O
MTD'(5U4#:.^MY9W*2*UOZ-4%36T3#V)'CKSI!*R9=J\$D15+X&5+JGE-/3]
M#6U9TY\$=6<F?BK'G3P4%ZZMRV3|; Q=#1@)R/7A13K6V!S1/>W:"GZ!_
M]0=I(CJSEST+G6\$YTFH,O(IV.T#E^ 0OQL8U,W>LZTX #=P6XG1* 17|MLKSDJ+=F(QI;3L;5R;
SJW#Q'|-PQ/" M*2<ST*70\$2C%X%/80V>%>V:*5^;TD@=)DM*+ M)9HP^Q\$3WF#,6YQU/#
/(BSJ\$CJ]"3N"XX\$XPX2XR H567T@")(-3K!&"=9(M!;N|^D=,Y##=.*"UPI0I6B!_S ,
M^;% "1#4*PQ@EBE"!^P(_X@Q^)^GT2+ M=FQ1H>T#F"8"!)=4)\$\$5CX>00^?E7!PR90.
|=638D6+B5P0.6H*#X3H?> M# (|:'P>6HZY1V%-C/%W?Q*" V&T^R5==FML\!ATK;;6SV&PO=V]R:W-H
M965TQ/2]S=I&D:6'//7&A%/_ M&R" L+ _S0OP5>FW,M=0"5>8?^\
OD[V|U0Z-*L>&0BL:UGH<3H7_ '*YWF<8; MP)\&>C%9>]J2 V-O>O|/6
/B!-@0\$JD5L'I=80NS:"%EX|UJ^F-*39RN;^HO MIG95RPS+V#+RMSG*NO"??.)WPA\I7UW
#6D_J>+?X'7(SHN':BH:+7,@J>#:6V2,\$YFI3A009BMW&92IYET82:;]H 22=95EDZZWNZ<#+I^YV-
MS&DC6_8D#&8^LD6..(IG/I:8U?QPT>1"4^!G,RRS5|%+*_6]FS3'>?0&UL=53;MP@\$T5Q <SF]UUTI5M*9NH
M:J566J5JLS:XXL"Q@630Z^@!W'V9 7PPQGSIG!,Z2C5,^Z 3#H1?!9[|@Q MIM3HHL&!--
7LH?.GE12"6:LJ6JB>P6L]\$&"\$SQI%"1&L|7">>M]1Y:D<#&| M."JD'R&8>CT EV.&8_SF>&CKQC@'R=.>U?
'S-^J*Q%#I:R%=#I5G9(097A MVWA_2!S> QY;&/5JCUPE)RF?G?&SS#DS@(.A7\$,S"YGN /.9%-X|_B1=)
M%[C>O|[%_]|7;6DY,PYWD3VUIF@S?8%1"Q09N'N3X ^9Z=AC-Q?^",W +=YE8
MC4R];^H&+218F:QJ0CV,JUMY]=Q.KG^-H>% ^@<0)< J^UJF81YO?,L#Q5 MN5<|ZF|F(Y_57X,YN
VMYS3N,X)6=-&.,\$X:N,.(8MD7"1J2 M.-!/X30H+MAQ+I18D!3/1%EKN@R"X@LKD0"6&V M89SD*)
(\$""87(B%,&PO=V]R:W-H965T"KIA+L969V=H/762ODJRH!=#&6:W68:EULT)(%25PJY\$ [5Y'(DS1#">
(TZK.LPS%|O)!-GS:H=(C)09^ZI_+L!)MIU&(77 MP\$MU*K4-H#QKZ
E^@/|9|^39H4'E4'&H527J0,)Q'3Y'JVVS+<SA?E70JMSZ
ML*7LA7BUFZ^'=8BM(V!0:"M!S>,"6V#,*AD??WK1<,AIB>/U5?VS*]X4LZ<* MMH+|K@ZZ7(>+,#C
D9Z9?A'M%@^+2L*@K_X;7(9N'5BE!>]5
MC!5.W|IG5;MGV^M?:7X"Z0ED)C<_R/S/2%^)Q<9TS5^HGJFF>2=\$&LONW M&FH_BF@5FV86-
NAZY|Z9:16)7G(2I1FZ6*\$>L^DP9(2)!@ORZD,*XDNQ(1,Z MN4VPG2+FQ)\A]A81.WX-KA,_0(SK

#,"&\$^AQ&-HZ1>8>P7FC| TMIH;(!P)+K\#R9:8P>0]+/B!IO2@FVHQ\7PH'F"4>+J"1F>9@SRYL:>"
M0IQK;4_-*#J,UF=B9\%=?&-'KIL1[S+=O/Y.Y:FJ5; 7VDP:-P^\.0F@P-O&3 M,5B:*V+8,#AJNTS-
6G9SLMMHT?1W !HNHOP?4SL#!:0 ("B+,4HLFMCE MV0\$ %XS 9 >&PO=V]R:W-
H965T?+Y30!.T/MH^_ [SL7GT,V M2O6F.P"#WCD3.HVZ8X8=QKKJ@%-)P<0]J:1BE-CCZK%>E!
:T_B#),XWF). M>Q\$5F;<=5")DV&|@(-"^L0Y57]+8'+,HTWT87CIV\XX RZR@;;PS\ROX:#L M"<J=
<|:Z%X*1*#)HZ?;-IZO ?\|F4BSURFIRE?!.;W4>Q2X@8% 9IT#M M9RI!KVDKWVM>GRZ#%"-
33TQ,R++_" ME,|]A*;DO\,9F(6[2*R/2C+MOZ@Z:2/YI&)#X?0]K+WPZQANMH3;9U)@*9
M"=;W_PC)1\$@N!%|-'"+SJ7ZAAA:9DB-2X;\$&ZGIBLTML,2MG]+7S=S9;;:WG M@!-AL].:,*4 4,6F
L"6_79!5ES49(,;OGL8'^+V)U#EJ\$HGG)\L 2;HN
MD*X*1%X@_ 52%JR#+@'GP&'%5A9#&+2*^"@ (OGH6#:GT':U3)DS"N OK"/1/ MQ#WKE;VTPQ-
Z_2(3)N\56TO-#I*8YO&/VTCI0\$;8'QGV[FSPSX?&;1_L M7H66#P&PO=V]R:W-
H965TN4X(LM)B<43JTFEWIP8+|%46WYV1,T)/AJCDCJ>ZRZ<\$A>5G2;F;, 3 MA%TD+2JRYX:XE"7F?
|>SLF9M(MV\%R<T-6NU0K T,XE=!&C%86SJ5 V.O>O/MN+9='1&A)).: JO'E>P(
MI9)Q?&G([5]G|IPN+ZQ?S')JV0.6) =H|^+HS7=FQ;1W+""%RJ?6?.5= F%
MMM5E_YU<"55P'8GRD3\$JS*^5781D9<>B0BGQ6_LL*O-L.OZ;&6S@=09>;Z!\ M_\ [PS=X/
)-|&9E+|C"5.\$X:B|?_5HUU4Z"5KXJ9Z4-3._.92O4Z37U M/#|QKIJHPVQ;C#? H!|A*|;>A0>YV'H3<^_>P0Y
A+ "TS"-;^71(3!" M!(\$A".X(PE\$5 R:<1*"3D+ R6+DI,5\$!E,9C!^BC6%>' 4"S"*!1%R,6V MQ80#%Y_0*
(HIC>_"841@&-'4?M05VVA:BU&Y=MSDT)E:Q& 0,5"+&"98@@+3+ MQQL/N;#^W
=#P+;|1Z:T3EZH/LZ\$-Q;;<4|R ,E1^#78,()#E# 4L= _0! MO2-8._@1Q4.@V;+ #FD>/B'Y-1V,RS|EF=;,@G6/
'/4L":1=\$Z@XK#D&2 MF|0CGBI_/T!B";9.(-+L"3\;.8%867L4IEA97#:SR0;SURB|_!VH/F!^;FH
MA'5@4EW%YL(,2;)"L5|4O]-KF:H?D)2>IEI-!^23:C61U-R0Y_:26_@-0 M2P,\$% @ *(LQ2@U5/SL9 @ &@8
!D !X;""|W;W)K&ULC57M;ILP%'T5Q /4B0D0(H+4I)HV:9.B3NM^.^3RH=J8V4|H
MWGZVH92"_.5|/%^?>ZY=GQ).RZ>906@O!&=&[GW*Z7:'4(RKX 1><=;:/1. MP04C2B|)%B60K@%QL\$J,
(KU818J1N_"RUL9/(4GY5M&|@/#QY98R(OP>@O-O| M:_U\%B7E3(!E*4M*=>\$GJ%_M2>@5&EDN-
8-&UKSQ!!1|_WZ|.R8&;P%/-71R M,O=),6?>.G\WBVV7OKXPAH) KPT#T<(,C4&J(M(T_
Z<_2IK\$Z?R5_8NM7==R M)A*.G/ZN+ZK:^UO?NT!!KE0|\NXK#/6SOC<4_QUN0#7<.-.!:?2_GKY52K.
M!A9MA9&7?JP;.W;|3HR'-'<"A+PF*"U_Y<0# G!6T)DB^^=V5(?B")9*GCG MB?ZR6F+^\$^M=H
\S-T%|=G9/5RMU]);A8)VBFRS.;(<@>R>8>*X1. CQBD M'8PVL,O&
2)9A(.1.A6")R%!C8_>*RULEV)H(F3XV!*&U7DE|.KXWMB)/HV/CN;3-
M;_"^:_X@HJP;Z9VYT@_>/LN"&PO=V]R:W-H M965T>%6-R%?U)ES';TV=:O65GK|CY) MU/|,&Z;N1,=;
<^2UNZQCBMX7GZG36=B'9K#IVXM^X_MX|23+QBR'JN&MJD0;
M27YW>;'9'5^4=0_JX,^K^-%!'WXD5UJ_2QNG_BP(1I' MP^Z_\ "NOC=Q68AA[42OW/|I'E!;-
D,64TK#7_EJU|GKK|Y3ES(8'D" & C & 9 M"TAZD*O\]-LLY+B%LG^#\#MFGS'<\$W,V>[OHCL+=,
\4KLWK=D&RQ2JXVT:#9 M|AHRT<"H2SSV\$4\$PQ);,PDFVQ!-D:(V92Y!/\$^2I5V.OH4|3.DU6I/8!/^4H M*\$=
X('R&:BD00Q%,13!\$ |#9QB2DC"H0\$\$% LH\4/%_H!(%E0@H|T"|"IIR" M2(9#%BAD@4"H!\$T!0Y9HI
EDJ#T(,O93C((| 12W'4I@IG9#A,%C ,!>=, M!0T'64#=#^P \$2>&;8A"|"TQ6 VQP0GU/?%X-
H>OB!EQ'@'@?SY#3T|/#_ F9@_M_X4\$%S M,%\$9X.!L3*=:Q7K28|">|6P9 !#7(^FHKVXM*Y!G*R.?)> #<9W.
M7WG?1'YEVE2U*MH);?HEU|4F4+.IF\)=S4 :CLLS5CVS5L_T(:; M&M-D|(XW?P!02P,\$% @ *(LQ2OR/+6|D
@ 1@@ !D !X;""|W;W)K M&ULC9;;CMHP\$(9?)\$-O\^>;&6R3WQA_ \$V=*1?->5XU8NF@%#LU:1LW"
(W:UM>Y.PBJ*A M6^Z(2UT3_G=%*W9;NKY|7W@M3V>I%|PB;F)_J#R9|OE:N;U+H>RIHTH6>-P
M>ERZG_S%QCJ65DFL2|8X|JX3Y=/87(5EM711*3=Z|9|F8Y\WZWV/@@, &'V C_\;\$-J M*!,V
;@28#716)JLR&2%#EG-X=W|6V)_A7Y"ZRJO|>+IMCF.U4>H5:O11"C MW+MJ(ZM9=9I@J!DKUH
B&DLV@"3V>XVG('O2 "0-C \$>&.)QJJ3\$;2&\$D8 MX@DJH D"F",\$.<(Y1SCA"&?O\TXFQ8-4*\$S13
+!EGPC"6('R03@0818##) M9MUIH@%GD,8XPUDR:3\$@C.-L)!PAQ2!2_+3/ZWA6.44T@0\$T\0..!1(GO9Y MG4
=Q/Z\$9*Y*_1#!*"F(D@)=PK!!!AID'VAS-NN>VAAA%,UV,B!S03H2CI!
M!)\Z'FCK>;1;K4G"R!"X0.6|Z>@_ [S95O-XOUJ:N2Q%V;1;WN!\UC?L=)/ M92.<'9/JJ#<'\ISQ294C>E&E
/JM+O9|4|"CU,%%CWMULW42RUM|:7O_7H?@' M4\$#!:0 ("B+,4I@OKL&PO=V]R:W-
H965T|FEW'L.W.F9A>QIU0&KTW=BEFxE_(PB2*QWM.&B#MV MH*UZLV6(5) ^2X2|T|)QC@U=80
2*.&5&TXGQK; Y|V5'654L?>""34/X MOP6MV7D6PO# \#CM|E(;HOGT0;TBN9ES?95,UM!45:P-M|/P'DY6
M, 8.IO&|HFZ|6M(RD>?VW0L%|3 M.P|;|&_FN15,L|)ST"6K_U0;N9^%>1ALZ)8<:_G(SM^H30B'@ZFF"619#
|E|!SP|GLXS\W9P0E65E0>20C_1V%NOV 1(AC|RIUP-)#.0UD"^\%&Y EQY0>J5BB9-(B*"TM1A
MTE'RX2+@#L0.E61\$!B)8""1" & 2.40Z#|XLS;DR8O< 2X|0|RC =-7E!* MO912#Z4KQ4PA+=UMY@;
MPGM0UY2'WA/Q'J);&|KOBIRP9|5F|H|-7@^@;""VY!EYLW3PK@|O*5!XF*
M(@H|U5CUD|JN15ZF*|DQ||J3;B+9P79>M4-^S?#4\$#!:0 ("B+,4H<=6MZ \$ 0% 9>&PO=V]R:W-H
M965T,##(J.3B-JLK.;39NTR62;;C\ S M>OW(@EC_UZN I/CHP1?L" MES^Y' H?B9>N:95)H"(;2
/20?T8KD)'&6L@;|!CO":AS_RS\7U*#MX#7 M#B:YF7NFDQOG;R;X4N5^8 P!A5(9!J*'SP"189(V_BUN4H

M%6<+B|;"R/L\KT=IWDE#9"O!:@&/RRQDG3\118I,\D3\|X/Q/SB
M(SUWI0F,;"KFGS4F?O!4Y.&;H;H@5SF3%X@PE7!+LJP1V25SP/^4X^>0F
MB)P>(TL0;?6CPST0.PEB2Q!O!:3:KLD9<|*8WF*0_?FT>GRM&A\$NY47!CL M%DF<(HF#
(-J)N#*Q6RIUBJ0.@N.Q(5)=B)H/^F5?.SMW=|DURO^M@.TI @N?WX=O1#1+=|T;5_HNV!;E=-;_22M
85:F6FJYV*^F'.@M^+^.\6A|^H_4SL##!0 ("B+,4J/>,M^K 0 * 8 9 >&PO=V|R
M:W H965TD+5A=74N+MOZ\NC"L.#|W.0VPIASPSE.;3B%E>Z^9;>|*Z"|Z71=6N MPE/779ZCJ-
V=>)FW3_5%5_U?#G53YEU_V|RC|M+H?#. *HM(+;(ROQOE
M>.ZU62_K|ZXX5_JU"=KWLLR;?S>ZJ*^KD(>?)|ZQN.4?765_-V?=@2.6MKK\!|_M5R\$;
M(M*%WG7#%'G_&WNBB&F?HX_C&3AC?/8>#^L^?LOXS)|FAY;W>UL7?YWUW
M6H5L&.SU(7ONB_U|5=MSHK#P&3_N_|012?(ND|=G71CK^#W7O;U:69I0^E MS+|/G^=J_+R:^3^X0""#!"W
6)Q=X T R09\$S\$V1C:G^G'?Y>MG4UZ"9KM8E M^VX*_BS|Q=P)|>U&_69|OV9S_6(DF6T<&DEFN%)Q
C1.H:X*,K_2D24=6K8\$NPM2PQ=8L>%.IPL\PO).L'|SP1.D+AVIHS.D.6GB69Z F9Q% XK6.007
"KF%#H)4",B1CA6N82&"VHT23*+" /+7)\OR1FC ("4T8 RF04?)09AZ_M;801(P!B,HHS(YHG-
(-#|8/Y(@!?:HHR*/+Y8+P(@)>,X@6*?!(XT4 O&2T MS*(@S&!N2%<;DCZ9-L
D=\8T.XV)",WOY0Y.L5_36\$2PV>^D+%0!#IXVV2 MP,4N4%_AK*I;|'WS
IH+)%)PD_J>|Q#4OW9J7C)3B5H*.O|82% SUTJUZR6@U M2K>Q^G?Z>
DKGR).@N*,B.REC!;XV\$Y*+807G>*% 70K%G1/>"LKTP*B2@_M@_/%&='&#MBOQ6FA41=INWBC(@
\#_ZT)JZ&3G78G' P5B7@14Z-)Q+D=MC\<(4T6Z5)&,4M^(|Z*^XPP>RIHHRNTHBR'RQP>O
&RV.%@CDGS,=I5&ISW M'/O|&;-)H;<^K@SHL?9!4\$ "G_+*15%?3+3) 2KO ;##P;A2J&^A
MCP8CH9C&V\$0*?!2Y'2Y1C3/B'AV4C?'<6N#7;U>S7NR_-WK;?72X7_R_? J|_R OCN>J#|=J
MKJO+<6_X4 >|=F A3WT%G72^OQT4^M_7V/^>S/MF4'77TQ_P^(&O^46A^ M4SL##!0 ("B+,4HA+B>9" P(
-(% 9 >&PO=V|R:W H965TP&DM\$F,XM#W=YB1MO/RU;;(D_Y5=&V@|_LH8\$3|/0/F0 M>8%W#SRU=-;
=-I3VKX"NJV/PN|P|+V3+H9,L|)*#*O(?@)#H8O15.V&0 MBS4RG5PX?S&;3V7F^,8@H%
HXT#TXP;/0*DQTF7F#R|&6D2E^N|^P?;N^|E M0B0^8F'2JC(E:HG/GR\$J9_80U/SG^\$&5,M)9H1<"KM-
R|N4GSV MN>A2&'D=GVUGGV^D?T|S)X130C@G1#8!CR!;^7NB2)X*/B QGGU/SS\<\$-|
M-H4)VJ.P|W3Q4D=O>12\$*;X9HTES&C7A0A/,"JS=9T3H0IS" ^E1\$+D(F-> MD36(%@;A/G\$;)T&6VNP_."!
|:K)41 ;36 <(WG'?_M NV3Q,4SV;_P502P,\$% M @*(LQ2@#|69^G @\PD !D
!X;"|W;W)K&ULE9;;C|LPS(9?!?S "I;#*2^1DJVJ5FJE:*NVUPYQSK2 J>V\$|=O7_H2R M9I#;7
3;&<W0SR_)^^X>)57QI3W5E> W/A7I=IUS,CBRFHJGWC+&OW+F8N: M*CT5ET"V@M&3W517
0|.#*AIV?C;W*X=Q#;G_U65#3L(3)|JFHK?>U;Q;N,C M_|P4EZNRBPSV|RE%_-;
J>_M0>A9,'HYE35K9,D;3|#SQM^A|IYE9H.U^%&R
M3D|&GDGER^FKF7P^?;S01,0J5BCC@NK'G3V\$JC*=>!R_!J?^R#0;I^.'|X\V M>9W,D4KVS*N?Y4E=
W|J>R-VHK=*O?#N\$QL2BGQOR/X+N|*FYM(*|/E;3? M7G&3BM>#%QU*3-_Z9|G89S?X?VR#^!A
QXWD,3FTH-LY|^HHMM<,X3_*E7|UN"PSRX&T|#S;ZWP1;;%HSVON(P!!BCV?; M,4;(\$I|0+JH0X"1N584
B"R!%JH7.#4!2'HO2V!P!K> M(OR_A?4&R73HXU7"Z6.X%I^9 XB,TSBLR,7+YP#!"L" B2!N)* \$W^!((
M5@0\$2)Q)6SP2OX |\$L"FFL"SMQ2!8P((0L<6!\$0(EDQH&,H@4.+ AHK@@@X
MEQUM0#9(O,"!)0\$!FD!FM0H9N9Q@.9H?MG?W7 MO&^'OE)Q*10I';G2-
|>|G^<*Z9C"9_T8;GJ#FR<5.RLS##18|&W(?US^79H ML8*QS|O^ 5!+ P04 "HBS%*.UH#,4L" ""*!P &0
'AL+W=O"||A=0&+TL;ZYNWL!R+"NH1P=C"(EQ);.3H|N10#8Z_ZA06X-GV-\$5#
(I:8@ZG&%^5"JF50>OWM2=XBI M'@=@L%!Q?Z7^X=|M#;(KO M,C.E?B*29"EGK<|K|40_-=
ZSSS+71:&?>J6J%LEXSC)/4NVJB'K/M,,\$(M@P:\$|B'\$(\$MQ#;8N0V/ 86/ 8S/, (?3M!9"6('E.X4DECS2&;^
(GL!\$LKP?)Q)9!O;PW_2UZT%@,C"9:V#|W,KG3L,BBQO(. MA;4) RCX#SWL78;P(WK@60N\$D3^59
|'TX;WIA.L GXVPUXX.;O44L^*D758 M*)M 3^"?;L7C9F;S3=EOI.^+FLA7 @4LU7,P5/CSE0*?I
/ZFL5:C\$.%PHG MJ8^Q.O.N.W07R9I^WG#^LW^E!+ P04 "HBS%* 4I36|T!### M&0
'AL+W=OPYG&:@K8T3^0\$58Q'NPGOBM6|;1.HS ?2P@_0/X>S !%:6.J>5>|MX(&\$I@=@?>=39OS.
&N'4:WV@>WD(L2|#;|61HA90T"ATI!F.4&3T"ID3(V M?L^\$A#&HHR)7J5S%^^@;F? -SFYK_! M#:B!6R=&
HQ)4N=^@NBHMY,QBK##R;T|>^LX|_|_5X+L!+<:NETG(7F
MF12Y%&,@H;?B/V+=T=LSJ:R27<4|HLQKTSV5L;)+DD=1#D&US)LQ^U0J.#GZ1S"N2>43V&Q\$?9BN"5I>
(@6S=^*B@SE?N1G>5 M72;T<;J\$G_HO+3V?9AS55V%ZX10H.Q\$CV8ACOSHBP!A4;|=|LY317
M4Z#%;#A9:'FWRK|02P,\$% @*(LQ2L7,"Q/X 0 O 4 !D !X;"|W M;W)K&UL=93=CILPS(5?!?S :S 0(")(S595*|52
MM%7;P>&@;&U;"|NUK&X)8XKW!|YPYWXPM3S%R^2I;.6|=K+@|J>P1
MDE4+C,@G/D"O_S1<,*+T4ER0' 20V@8QBG 0|! C7>^7A=T|B;+@5T6|D|"
MDU?&B/AW!K'@Q_Z|XV7|M(JLX'*8B 7^ GJUW 2>H46E|HCT,N|YZ YN!_M"O?'W.BMX'<'HUS /5
)F?>7L_A6'_S) 04*F4L)M="J,0\$UCU|MQG/WO8>X / ?@)0!/M4P@F_EGHDA9"#YZ
M8CK|@9@K#O=8GTUE NUIV"Z>:EW;V44YP6Z&: 9*U)@D6#MA" P4X(MM@;1.X/0;1
Y#2)KD% B#WAK@(-QMFIQ\$9KR09:Q\$Q*(D&B@*H|Q-29R4 MQ\$7) A2*/R@EIV3LG-

1MO?JS(61FY(Z*:F#@H, Q2%:G>H|2N:D9(_WFN-M)'NI"LAN1.2/X
R;:%3)T?2?4)WIX76CTT|=^S"i>NF=N=)OV+ZTAG,% MVC!XTOFVNI4N"PJ-,M-
4S744*:%XL/<#|'2L,O_4SL#!!0 ("B+,4JT M%"R'R, (03 9>&PO=V|R:W
H965T7M3.Y%W?^RE4V5=_VP>0G: M?2/RS1A4E0\$ PR2HJ+VE_/QVE.SG,O7KBQJ=1X|6M5Y\$3__W"
MU^E)EUP7@N5\G|^(;Z+|OG|J^E%PRK(I*E&WA:R|HFP7_@=R\B2(6!\$_ "C\$ MH3T|X9;>9;RUS!XW" S<%
D2K'NAA1Y?W@3MZ(LATR|CMJJ7_B'+/S|^S MWX|WW|_<|Z*6UG^+#+;=;N&GOK<1V_RU|+|*PR>A;
BCV/77WG/6;*'OXH*3G-M6,NR?'|Z|>VDY7*TDNAC_'8U&/QX/*_QZ&Z@*H* <\$OTW@*D-C4@4@41
MU(!8!<13 Q(5DSP_X"J 3PU(54 Z-2!3 9D1\$!S7;RR(CWF7+^> /'C-L;:W M^=
ZY";K2VX|7!PK;/RMKXFVO_JV9#&;:V|H(H59'3%4PT0ZYA9A8AWS\$6\$2-M'7.';%S'W"-,JF,>\$";3,9|L#-
41CR!+!\$XP03^SI^FE<'KIF"#2\$A!#QAS3 MCYCZG63XPT0,\$C% 1'&"":(0
*SS\$)+*25NH3'DB0&/44RK^"J>!(D@ "2'& M"3A,P" <(Y5<)32%/"GB,KE@=>D9#YF%*6;)
(\$L&6(R^6MD8>M9|&@D)L9NS
M@,:ADS@,B5QNF3L%.I_X2)MW910VC(0V|@'A"">I2SGN=8*:/3,E46LIZHYXFI KE. M+38'
MR!:_R6X+XGJ/&M0D\GKH&-HS&J=|L7)2EW%2#V\$@+,A#-3>68KHL1) M1;&A4&
HW'#A.P7BF@V|>+ #K4. Z3JF.1SUH?VYN;Q2(Z^MI+ "8 |8MIK"0 M.05C'Z'(1|@IV 91:T,V!?:P
:0KQK9% @6WQU%0<8?-(E.RC6*SS-)LH)S ME"X:&QM%QI:9HN-KB+ #|46!_J6NWBVF-
(ENS2L(&N1<2>Q%Wfy|AOH^;FB_UJKSH ;E:%6Y2:/#7*6A.=RD"GFN7_JS#Z
MHD:E%P|J(?)_ZDC&POR=7031)O>W_M5LFRO%\$B6'K*3BJ5N@)\@.12Q"P)<)2LU/WXZ|
<_9O#@_0 ;NI3;ZD*Q, #,| M/?WNG|H(OBJ)4RS3^9:C/LV5:_N&;_9.#;|3C>9(6?_AF5|+5R|?%N.9GD= %
M+UOH%)Y,LWP>E?#/_YELA)_G|^.#I_4&HAOW!4?WAGZ*TI_J|""X_M#"<|8*3_UU>> ?!<791|!
M=Q^BN:Z_%26+6;1WD:KS+%|T#\$D^91 I -|&?U9_W8"=G'QT5CAD%_|R^= M|SH;/YP-
4/U BH;WQID!?:_Q^VWH.H,Q)C3.NR2ZJS^=1DG1&/%F?>T05R,
M84E_UU>.:O>WF"XMS_HP,J|. &Y.H?O|K*^@9+;>93@Q_U(LO+T#;|7 M4=IXT> XF^!HF|+;/Q SJ&Z)L-
3ULBQ*H|XO|9QSS" G|7MXWR4)0WS7 U<M-)YX!F:2%GL":TB)+X@F@.*+>1\$F4CC4L
M#?BM4+N?TF@YB>)"V"D3|_OU>|. "6CXE|G&7+ E;=&/FM'EO6.>S:V*@H
M8/S&TZB8U7^|R?4BBB=*UX@O,WIEE|VRN(\$#U6JR_ A.I8JDR1Q
M (J3N(R; *SL;CU% @%K" BQVB4;)HQ&H_S|Y&Q|GD'C>P:.*D909_O2M X1=7 MO!'^?_
|Y_W! *S4^ T^_D\$O(J6Y2S+XW_JR6N5 M9JE6<5\$@JK)<9=TL*BQ-DS21";
0/0AO6CC2X|V0_CA8QX*+Z#HJE OFC !N5 M:IP5Y2MU##@(CP'KS N5317(R_';A?:5F
:/4^!)IB""&Y7S)NSG1TW@<M^B_Q%\$-K0!)F<C)7Y69LK3(UG.&K)PMJ,^YHEAH5T MD'KHLK&-
Z^_GEVIJANS Y=7EQ^!.HA>;C|>G_YC|=-7;R|^O/UO=?&73Y M.:N|SD^L^ZT9V=%B;
UF+=;X+JL>EE4NAE6X0LA:|; *0^*&37+CWH>_ ;.O> M^+)|9CH!NC)V=Y.P;/Z?3/QAO WY,H: ^!OOS:-
(B0|(SD^E9FN@3I3 MS2+VWA<6I,,5J+GBR|HU W9M.EW7>N^7K U|HU/HX12O"@P?AJ^@?=:W:-
M|<+F,CTQ|D.4HQ>(!-%(%CC>R!6M4C =6@3F%RUB;P%GZ4|Z?SJ?D_12::((F.^W4V: M_+0L2H8 * O8#
0>/V5&D+-WAC3:@E+@! :!NY(9K?:G 6QS'K!U+(L*(6JF'MG2]=YW=1*M1.6*HLXU6OAHZ,%>8-
E+?D'F/=+QDL M"D^_ .LA+;NN&RQ|6 _!B!&5H#4;M7MEMF=!MGI<4|=I^J= M'N5+% 5#B@WW3| 6F
(<^0|)#5D\$^V,815\$>I2""ALGP/+W@)@?LCR9/ '5 M)3P>@&N'5JP(6|70I=+"LGPQR#B@)O46.=E1'2<
17K\$SH|7B69DEV|TA3 MP'J#!3(&^ M,(2!K9O%R3D^73%TCL)@UXJ>GSJ;PEYHO8:UZ"J^V@*C#9

1RL'%F) Q@1.(5PY" (9I#, 8+ M=F^U5D18QR_4VV6.4.<|#7,>S8/7"?B('6 %0=0923Y..S;^*Q^G /|PS
M3R9+\$\$S(T^A^W3D|:SR@DB4&H/%NNRM3*^8;/. M65B;%46&VDU/S&=D!>09R#@"2>(L_! :?1;:
1ORQA:AAOE&<1V (!")ABO%E M!P'.8.R;(H:Z04\$*|G)(WA,<(_*4|T!4B^R5+(@F2#*"0D 0*0>T#^!
M@@"J^CGMF,PD=#ZG*1&I3 8X(FC,&C%,1+62&N'&9&\$<9D83DS-G<9U9 |H M"Y=MNA5A0 #A%R=
IMAY!XX>@: <3<#SDO*> \$ 3#2H+(X%P'|#DF?T%K<"'2@S|T| T* <*.8#\$.#?L_QG5D(8 MG8W4|C9L)R,
/;UH;^%P&\$B|* @XL2#08Q|H9<#0:5YJ G6(HL,# 1,N8 M 3EZ71B7+|#'. _A%.P3!&!*'Q>O L?E_Q;Z#2 ;E>B=;
B?;T|!>D@1^= ^ M|_10?1MTA6+>\$>|/7Q17*->ZEIWP;583D|^,^WC?A4QFDR,'ER5L%7A2|+
M0%(SUSO"=8C:;#_6JWXL""507:/3^Z#N GF6P.UC&|P|Z#_XE7P M B|&X%H@+ \ GU+1NV2S1R-
P|US?<<|0;/H9&?6D V!@ 'HH!%;C&\$|N_UD MP#?DZ^#(C#FV+MG8<"V|C1BUG\WPY9SH%L8|/4X2',J!
M|HZ@&S T(1F7A&KZ '#X,7YGU<&^ BL_98&("Q:L00&N MSP.J^ADC17F!T(
DTJXC!"8)*MZID(B^O@4JV.KR(V AV9^A6!>@!3_!(D M0A6P Q;(0,T!2;.!*|O#;M?REIN)VC |80H(Q<8#D+ %
NNI7 7FE*='S* @T MVQSGO5A|^ ^_M#>K|T0,P+#!6M?/ZBO0.& 1S;DJ0F 51%NFJFT!+OO&%+4%
MZJ|@-JGRYSL;U&:)/50#B6X@6C#+FQ&M;)'2 JB;JWTZFCM=M#O"W@+ #U, MVX/(C+
/7HC:7""P444|,|V#K9V"C&,D >T+N4GJCN+M!&P.S +AOU:S| ^ MS#U" L3Q'WEM6Q&R L:U;+*=
(@@1K+A8+A N@C,2Q:A +%?TU |F<:(#EPI' M.HEA/DOZ|)(Q%#DL;
29B4;P*B2|HD40PL\$E51VRF91.9/D0T1@3Z? 22 MSU_|XMV"-1W
E9 BR15!F8_LAV)A9Q=6K*6TSV\$E\6%YS!\$ M3?0" J0IPM 0;+O@*BU!FS8P8? \:W=6HB2A |EZ|^R=\$0&

M%KPP8)JE6.3S*B.#: T3:I3@1,=-T10 MPU2\$ (-'F/^)Z*'N4 +5CASHQ.OP2
7E1V(6##_/_6D=P!D87WP9H(Q+!4UT !&L!4)@^(A'O62+!#NPG60D%VC5^^(IX;CQFQ:'H
M2Q 7K>@F6\$WAF!*&6XIX2MW5PP7N1\$2LMQJNM1HV.#R'DAR8\$3!C #F++C8 MZ)
",:1H1'YK)JEL:5!,-45I,QWC+7:A=UX8N TX=%(#*Q@X!'+T1-R6*L M4
D&9?06M<&8HPD@|E/SL>QTTTB*M=H!Y%#B#0J*CQB@ !BYC *L@&ZA>9
M_5LV|&D&G!9)D*3N;Y#6X>0((N|U> ESN!3)>7G,<6HJ>0M
MMQRL%O%RFYOK%O%XY\$Y!JY:HEQIM(O+B#FV"-_(39?C5"RVG7>7*=%AD+|M(:8XU0%#>8/R.P,
|&/Z/F+^)E'*6P89U/0(:NS#H730'S'N7'VKJ%/XYS;(R1:DPL,+NUG|M'4+
M|<9A0#>CX5%*LZM9B9.%E0ZBLW^&T1,2EV#H0)C M:L,^6^N|_H_QM|8=9|"-1#-
CH_@YZR@XPZAV1+M0!!6=@CF,019BOD_L_%V
M#)D397_U19F8N;%SR(I!6-*I,L)63,C".4_|K"A&OY:3FYHX\$|T\$Q,*Q M&JKO!
(00?%N>\$OD"%%\67(A^&W\$ _'1/Q8,X"MMV29;>|2443C5N_8DZKMB:
M4S&&>+M!T9&8#!O%!'&GI0J'W4D?E|)%G626;:B"%QK2F(,4N;&T01 4?L@ " M*>ISA9HQLSO&.F3
H|+A|ZP/7-9?:5GOG64I6QU|XU3' MGLF"+F!O8 276>;E%T&|DZ)CY*V22I\$;KG!V*N8Z9:M*#ABS%-
A|3<*>5 MS*,J.6_I3A82("KT9Q8TJOS")S|Y5SHSH=,CK^G9Y0F=A,3;ZHNS%:7,C
M@CWUQQ9/EB)L2&FX|<"F_&SH@|H?::R Y, \$?* 2I?E=C\$36V@V8%\$ZE+
M|E<_%P@,Y&E9\$;O*^<^L*44ZMK|,=T55^ HU=N"E?7!ES,)BEZ^!U9V* K
M2!;T0X!%4F2'TQ.VH*K &D=YCDYS(%0EM"WE!XYJID7!6+F/B49.9%>X
ML? DY&%I&H(R@=V@A2'SE/2.1HV&&2KUA,P;JP0=DF%XO3RE4C8\$^&81<(L MY.9* 162;,@T:1
%WI%3?L74!B |\$ZQ"0)NQZH,21_1\$X!N5P:O&&<;D6) MZZ":9%VA? W4P75*>
<7|@*1Z4FG@%9M2LR^F!R%3. MEE GD*091?*"1 "ZL<@.OU?S*(UFD9*RA1*C5P#0C@,6Y<'=J#)D
8I4K#M2\$ M4G0410*/,>\$>UOM:>.\MZW51VQ_ _I"5!61"*1,E/ JYKPS,?8%_)>1%E M*UJ0"\AR F)+|C&3)B>
\@,C;"P M|S% E84(-*4)@:#G9B358>MV|(6Y+UY(-^+0 XI%XS1SL9;"(4AW8)4^,
M%1/GMG""%VQD5^<*+7ZR5KM|I&-1,K5X,PB ?0_LEQ%AS&5>;-\$64HJICV>H M-R>|5L-
SN(?1RQTJU\$?F=!C8E,8,-11/G*^,%2Y\$@R!"=R8TF+!
M2-X""^,RC"@_5DJ&M7)S8K%4S:0!>E|D7|HA0!-2N5*(#.G"AZ_"C&(DV9F8
M7E(NES&ZP!Q8G:Q#?>Z6HU&|EXP1F, 41=V09P4&AC^>VGHKZ^T88@LK72:Q
M*%P|UZ^B;ABM^)*^L \$W?R<. 4:Q>5"9VCI0KV@C82T%3:6*29-|2IW&V/ M,O..GVHJ
?*W..2@/*F.F:M00Y?(Z.(|4#9|Z4V+""%LQY@%G^XX",8W|W M6PM,2=Y 8 -9HS@7S&
NDRE;LYIR@('<13;.,S;)YZBJ?;4N6|)5AAJ@%7X M@ 4&L_P\$JZ+"QXALJ!E?@,;*
(K8S|56D0@?;4B+7!N;277|'5?5A|6FR2" M+;D=SS(%?)KB!LJ8YUG\$YU4C(HE!C*.LIQ
8HXH"C#>:OW(A:R|%Q+!"&S M:SRJ@|*50R\$<*A;1)3R|60H@*K(!@
M%78_BD/:PR,P6@2F^:;K\$KRV|3:VR!88?L@Y6O_%'(OYN):M>0FSJ+)-1SI
MD'KSMATW80FBUA_EE!^%XR,U3AW,A^!LS3<4/&WJD(\$N=%7(;&8T!&+)|# M\$FGK&R0+"XN+&VB+"I
M.FQ8Y*+)S -GE5 +F"GG0'0S:4:D4\$A!6WZ!3:|]6+%<5XV1B;6J#%XPL/^ MMP8 .R7|*#R0*G;
3!^N@WX00OXDTRS#K;K4)2P0E%>;: "T|=(8WC&Z33:GNH^!+EQ0S1"\$SI
MQ_MJ)PJ<UV!GP@!GN>3@W7PJ=)T(MNYR+"XA8*(@*|QV9Q@3;KDHY.8(|3
M0E(-;D6VFWOBS!M180YMV!,0(SV.T,5F3F:14AD8&!G-H|/0/8| VM(!#F M|RSR:4AV% M
ZG4&H8G0WX'2S;/6X|)%JJ|F|M|2H)9A/1E=8TB*3B:1+F?(BT|FF5PZ:P M G& X|%AM.=13
FJ|_9<2K0J5+X.+!B;9VL'9C8Y+!%IT;Y(-TQD6%0<
M%>H2D!E0G^2I+W<"W/ :KCVP>\$+?>4RM>9Q2C3Q+,S0.R'\$,+MU3'\$ 6+;>
MG=V^,-TDSFX_\$<L|8>ANL(CHK7:_4CEH2<'PQ?HHS%E=7Z.M:DRQ&GHF>9|
M?"S3L|9E|!R8L0H\Y:"5|V.W"6*TD&,780YPA| * _IL>0-B><6BI&+V MB"IFO="/SJ&^/6Z_X)4
F?PXO888CA=B' O L|J1BHVM_U5JANSE_R4Z4)
MUM3K')C:XXXLPT>7*4@HMS?CZWT|@NZ^!')3I"NW)T #4:YF/MRZ!%JV!W
MQ_%TYR8B+C"1,0N=NV!WVKBK#%58Y.Y O8:Q5K3)43MJ_PC^ M;|B6R_7&SF_UUY'AHR""%
M\$|_O?% ^#K8US+7Q|BSVJ&L(S|YY(N@L*7!O#E/7<#|G4'9W/8CVMUB!"!+>4?A4_5M<;
O)Y@5KTTLY""U.)+V^A@)V9'5VC# S0.ZLS=P:G)|3# MM0)<"IQ@3*/!8&
/!XV*UQ;>GTFVM&Q1=0I;|K|G9\$0.@(A=-(#%Y|PH5^
M.WYM6HM49^IQ'4Z#.|LL@(|>LLBZM&;8FHJ;*?K#,TFE=Y9"B0@_D,HF6YUU M>W'N.Y%T!>
|:B2/QGV:J/W>D3V.T>Z=D3\DQKL?^JOY50 =W"#K^9SA\;4/31#;(3Q1-L:<).RB213'%;(P1=<=>+K8#(!&;H5-
M7|^6JW?'B80+);E|EFC1SZ53)JL430!0);|B)9O5*46* @8AZ031RC4%<5'X6L>T"2QK 8DT>A349
M)T4_1_#O:2EI@G'5|H9-;N(##|KFL"AY1Y7Y20#""1,V0V[.!)FT'T9U& M.E@6F.-93H5;S 3V+W&P6S9I!<
(>9R&!Z=@RQZ%1Z?Y_XP'.X?AH?#0|7? M#X-N""Y8;'8HOMJ(C^/Y8|#2M&M'|29|_6U
M00|JV|^W"\TW KK|9S:W@<#H_VP_|A*6|T_NE!>'AX@+M|MO?X'M/PU/
M3_KAX.H>.0W>!) SPU_@S@+G9|BTJR30WA8?+NL*LG@@//;_DC#4J>E|GWLUM1F^FGP>

M#S2;>/G9J,8>QZM8HK"E|BY32;,*?&6@_WC\+ _"P4/K|2T94F<&.+ S%!
M.G0HU2*C@3#!TE3VSR+,G@42|_H|"KB>.)!*2=M90\$&+S2|
<0C|N="S;,*:NPDL?FC,6E":W@D@9U,)T(+DN.P @|<#7|@W7 MTAQD?."*QO(#2SFJMAM!^YD<;6
N:32K;W|T9KU+?ELS|X*3)>7290A0DZJDI&6CL.WE4!>#DEHV3<_|% M2!S)GA A>G:TJ6:K2A2Q)
|T?P2|NKQ<7NF :8>A5+A.FL0P9 1KC:|@J^5Y_ M0FL#986XS3T%8@M^N(|2,,HC45=FA1NA57EH=2MV
;Z7\8\RG_&AE<6T4\$ MT57Y@Z"Z^@\$6|9:~XHO)JDT.Y.SB:;*,JY+GQ@ B7*(BY^WILB#U8^8B-
M,;)C&2.ZC^*SJ!+804X>|F^?V|!%O|RT+,MXXR\|86);Z\$,9"5C^?89Z
MD,H!G).!\$7DI;PX.6:9&"TSUR|SQ(N0JS D;DZ!%3'X7%'.7Z24HL"?P*O M9*>01A1861A|)^;J0@:|WE"=O+
(C6(HG8B2Q+|"A|! 0!K.<.3E+D&'@?R M"IJ"K\$Y4(B\$VDY=N2;^M*;%V|4/-1'1*4AKI0&|<<.%KQ:T%AK
?7|B<-%;K MHOVDK|X ?K04EDO|CZ6T06 _+NM(#OM/G*8 P#XC/0G6"CY8\5(JK:V*IO M36T+@M;
(16M;|4(78/YXTH.Q5\,&:6A+OL8UMSP2#%C\WA VMR|3\$O0<MVG18?*QU8D)Z7?"46NL/B"
MW:@0PX/2=OJ F8)_\P' PX+^W0ZP=^5 ??1.0|9+1J^@1#,8",XJNH% MHKE3FGEXR#
|^2N^4^E#LDM67MWI7<6^/7P.9YW%O/E3I7/FWD 5QY*14>=LA!!@>&0PUDR,>U7
)2V!0\$:X98@MDJ2U3F,5G>,9 MA8RYSP-WKWCG,;\$/37K+UMHXL@5;
/W@K_SJKOGYA7G@#5,#%|BV%.V**>!M\$@RT+NN)3ZL=O="L&: 3#HDC7ENY:JO%A@77TYP#;
(39WOV!ZQW,"Y+HF(_MN&1V,0,:;B@A \$.@)W8\$|C:M,SQS3|Z=",*@JK=-KLS5#*;?QLE
MO1=:BZ4|UEF5"?;K"W"LG 28Z5Y@+J;<.. M'\$P#"I*:L|!#<=KMFW08|P_X)%Y?S*;
7FIE:UC^#F7|+B4HZAY7&(+1V|U MH*5G4NET+)=*N7(C^N(^ZMK %O?J*GS|Z1|?O_/|K|&PI6V
;|& RISB7 M\K,P+9ZTE/!8(3C6Q.=^S @<.TC2B8=ZPQHKV.2BZ;0DN|1|'E*#>^|P59!
M/(|UR7OXC*JPXF_3MMNT4HZ|MMU!6|MNY_3@%&.E!2=^>9
MCVVS&1/|258*;G<.14_3;H*=X|A(7C'8'4F#N6E52&3"V@)0^%A0,S#0% MFJA"W"21B#
(0K&4CSN/"2>594:1|MD3L_C0M&H,XM|(6#A#C2T*|LPEY|Y%>MTYVXP2=^%M MA1&=_S,?%)(>6A2\$SME
M3@|VZ1."A|;M:3Z+BNY*,MMO!XP8E4;VW#9Z/>N|FUH*JM9&|&E8 MTIS;:K\$AZ/
/JDH?>P>FJX:C,V|ZG0PB4B2L@/Y9N<8%5 M=ED>WU%O:/=
(XTKIQH=44HG.I:J1+4G=ZF8.)V=;)BYQOP# 2!D&8<F1;*1;AV^0|/8GK)J!.=5_C2HW
MVT|>7-RWF6Z-%|95UYX8,Z_Y9;V>LLK"8W?|JC"IZ2RL3EE;"LG3,L>NH+8 M9,=83EKCQ9|9;
ZU|(SZ3W&*+C'Q4<|B|@#:88SE,!^AK|S=MUU9;MK_R/7@4 MFM|5UWY>Y6|Q GC7EAO9T*OZ(0
Z)ZDV_*EO"20# MXW!PKD>\$X5 M"Y|JK);#Q|_W/9:KS0,C<=M+24X%2L.'V-?!|SBGD(P#S@)B4#6U1*EN
M#N29G33U#: *DB5|5(VA\$LA%IA_1*+),_HUMLYB>@V126\$!82PL*I EW5B M23EO)>&M8V9!>;3'=
QG9S00BNIRQG50& 5U#^!_&IM3>LE|JT%|#*2M6&H M84%N)\HG@+6. |B|>#STW#L8#
<7+J^1,JP"E_SU0H^,LXD2L+J&LRR% CJ MIF4MHN14VXQJ|B|K1E%889_)E<.R)*LL^J/6F* M)&_55:J1)
QKGU|K|;&.N,@31>7!4R2E68PO*>T|\$^7E,/>Z4%SUXN9 |KIP+I MXH_|;F7UM4.:@_61,8_FN
MX^"TB/PJ3F.PM=.HOK+3&&SM*JO|#0&3W :U=S&H.G.HWJ*SF-P9NT2EX=M,9IC20+29SCPI
;G9#DN,U&UAR2IS&^F6T;K5)A?X)"PU/ MC-3*6X.'6>:6YE>M|&RO |L^".OD|T/|CPV|CJ>_."S)3)^_&?M;
Z+L%NO MG.6:V-5.ICXBA,LCS-0C/UR^7X/P? W" MAS4(S|
<@/0%#T%#N|5L1UCU_OC5A_:T)@7=K0G=3VU_KUH2@?FM"M>2M;TVH
MTT')0H;OK;A70NM=XP_7|U02P+_RUR|L%#D_IG_9FQCJX+=QR"EGL<.:R5|S@T
M6XJU|VS?|+WGZQ^>KW|XOO|A^?J%<K*S:7UW2|YM"SU-%.ZNBFCM0-R MH*;|O>
<|)YOF^B^8>+;YAH_*C.A1.KGCU?10%&04E|)XOH_@M+J.HLZ)_M\5&?5B?K|XOL|BW^4ZB^91#;
|P%YOT?;B^ST8^E>Y|Z,95UI|+<V|S|? MH_';7:-
Q|40QZ.WKJK|C|R/J@V89%QC5>K),2,M<6*|M*3(|1KJ=BHRD:^ ML.IBS<OSJW"5P^!
^M_:O2(;_B.'W)P9N+%%2\$&4+&;1WD7J)M?4 M:=@727:|YT>JF^#;J%PVIWUD435*
^7%?RSY^M1)|MNO64&W >+8 2C M>5S%F5^IV%L>S7ONU|5I|G030MCH(ISV??WH:K/G"VQ^ MPML-
KF|83_AL,V%"ZUW0G03RS;|Q0/7DGCN|/U_|U_M=VW^OU?E@">&PW
M&LROVGVGZ@|HH8IE;K|:QJIDOWU;|%(-16>JTYS|69|&R'ZN2&?:4*PUEFH;B|*.KMIUXO-GYMI/S?3;
I%0JYHMA2L MU58DOP|KFAX'=2K\$G|WA/K<^VWT_!ZF|:N&X507-IZ+^TCN4UE1^B^VY_Z
MO76SW"IG^:S4\$FA/J 5A!%H QB+.H2T!J;H!<|^O)_|T^U;M|C0VZAR6 MG@++4ZL*+Y3?90R^PR,UL|@
B>:V!;|"8R27I9X7S<;'(O99K%|ZJFIS(NG
MQE*!#7J6"SA4T'%)JYR&X0XH"%VLDB35.>SZUYRO:*8K!|=5UNEX?7_6EDLQ M&Z#^5VV_2Y1^:8
"TJMQ_N%4_7ZS9E^RS2MC'7.NWL5 W(G%='MH>0)|02Z MAJ9_*E8>SG=;
N0% C*?Q."X;>X|)CK|8%MEC1Z=J*J(#Z4FLAE'0FW!DU
M4U# U33\$4UD_9FJF7,6JX*EAJJUC3#.F|O#YUT9JR @FK=N'D6W>N%= MT_H|M0:VS2\$R
X7J)C^T4XVW2IM47R|LEYMQ>O>|@Q4HWIL92ZJ^78T/>A! M6BZ9(R5)F2B1RUGK*Q|HM5GZ|
|ON\$^F^W,Z&ZK*Y"*|O7R=,>E:(T U.; MHQ;C;B75?^CCBR':S,\$V5D#ZMAVD7?A_9;6KM?<|VRIMD8
^2\$B?^B&8L<MO4O3\ZK_"TH8|_53L :>=1UE_VJ|*.;@5T<;6R|9:YCZSMV5Q M(6:)E:G)@@
CL,D>FR>|%EKAJ&M5K6HZJ+JYJZ1%ZH2/?;ICH8|*>"K.HK M<66U)I,S7F%;VQ?00?

<2|1<)UFM'4@;##CEG=VX)27W%+7ME//YO&'Q MM%M,%XT>9(>5V\$%@PXV—
099&V3%\$4;:"MBA">HYK=Z;(7+07.#.PGBKN5T M9?);#.58/|S&7=S@Y<;2V=FRGM!N6U9ZZ?L+!./6&?G
WT?JDWGRZ,D|<M?_VD5>IVYYS;%DAO_Z#QN9MDKC\|#EKK|XY:A6S&V"X(^QM8CEUC\$GO&39
M6=7HE^YV=|ZS%;;"4UUYE9*T)%(#^)^N7F#H(GP|(-B/1,9OBR\$5QM_4MHK?;F-2VLU+W(XWZV!8=
M7S#&"@W^90 WH+%)|Q"V U|:85&.(^D-?8KMN|W7>KMZ_U?R22|;(T@VRI
M^E<|4 24^*JRZ&WO|N%U7)*\$INC&1R(;>/*TB|5N_)Z8X\$4|M=RWS1
MLB.-MTUUI1(W,6M4HA"IV^%IDA=JN&ND=B-CJU'MDU*COFHYK|57.<2T/;7@W;6#-KU1J)
M9(W8GBV;:I:YXQ);=:G-K94|1<#|&? MENF*+Q=Y|T; &J&/8COR/=G@.@QOD%R2>RM+^9\$1WL2K
/&=N1"F6/U=)V# MDAN57LACW9';:L^*9N:C12QY@C;L5WF"P'>%NWWH60:T#^>F#L^=@=FU
M^U|Q6JYAOJFN|_M 9I63IJN|SXIR'VIV@*|NC6N"Z58Z_#_59>U0;61 YQ| MD:8!M" M&A(;=# 5^—
|K4UE_3|5O2|#DTM&|1L'0&_>WI|>:O!L|XNB M_/L_%!+ P04 "HBS%*%!:8(TT" #|"P #0 'AL+W
T>6QEG9:8H?I'5)CK M2"XD0TJ|LO#J2F*4U2:)42_T_;G'S.SPB7C#|HBJ02H:KF)X.4# V=^*#;?P
M>SM|T:HFS? C9 WDXG_>ZSBY_9P#D\$CN 3%L_@?@F|WR>|V?SZM@.|>S/MJ|)AWB&>
|RS>B?8D7HESK|O5),H% 'S=W"AV@F1'#8(5H#&^1)4M)3%.:&*&K M!X<&2 45\$BA|JKIR9)#ZR84#YYD#
|W@8X4+VJZ" ^UUVTW<"O6<\$SDH"@2%T
M0;)52"DL^9UV|&0+_A("G;U85UIA(-\$Z"&=P3+"#|K(4,L-R*! 'DHBBG,C
M1Y*B_*,2E6>"2@FFC8R@0G!D_?09G:%|4TSI@_D:ON5;W&T.W|QS)#XS1D5O MZE5WYG AJOI6R>;X-
VG#@WA:159" ?6ST;%(<#&!)\$)|'5 *29XTG|DJJ0:PA&"%|2+D0)#HFJ|6|5?IS8_—
M5' X@IK_3X7F&.)Z*9H?;>^9?_L^+IU=|+MOJNX*!;U=26Z)V?D|Y.SX M14ZOCU^C:5Q.0.1K?|I>|WIOM
A;#<^* @F5#J"*\DUN2+;.C^G08OC5M^YT MZYD>^P1-K|2|>); #HWPSEJJ+HW2|3!&(|V9R;F^S% @_%#S?
|^\Y(PZYM MP;'A3WX"4\$L#!!0 ("B+,4JL:&PO=V|R:V)O M;VLN>&ULQ9E=;|L@%\$#_ "O++NH?;
9+T0TVEK:VF2E4; =7>B4T25!M2(.VV M7S|P&O6F2J|V>V>^VL6%4+&)&;
M6VJ;|LR<;U5;EWY>AJ77J@X+K6;E*+7&Y:M;K:XO-CT?;EY44^67T6_@H
MSV_5-&^ZBN6K7:QC64UXV*QMFP
M.;M0,*M:/2HV59BR;NQT<0_|:NNTU" |8|^K8>%3R=1Q53FU<3S+31!/?G M)MWPMS7/X'205\
|6V@9=LW067&/JQ%&S'ZHMM(,0 H\$4AP24@)(B4#*@T!; M,DYJ"B#|"&3-D) # #E (—
>'AIP"R"\$":2%?/!S9(UAIOR:,RVK4Z M56X%!P9 GE&"SGVJ;5/F;M+XBE^R|P YNX>EKQ|M'2/N3
-C;*'B\$|>V9"=MM T%,3S;*) M=8)"P1B8D|AQ%+9G0YS(!^HQ;; P-K7LR#H|(3&S<^*U=.EG3_9)L#J
MC3E&\$L&^4#7&F)BHA'SHLSPC|D\$8J(K&6+G(+RS)'SK".HK8.E(|&'F)B#
MQ"\$)=*"#1.8@>R@>25GS6D=E&FAT@3E(\$#MH#V8:/:GS>@4Q,0<)8@?MG_1V MS868F(\$01ST_LK9
/<3S+2(+;03<_/*&YB0)&8A26PA%=% RB(E92|Y@N?;! M*2 F9B%);"\$<AH|>=7|YLA|;|07/X#4\$L#!!0 M (—
"B+,4J#246%G@\$ \$H8 :>&PO7W)E;';O=V|R:V)O;VLN>&UL M+G)E;/%V3UNPD 0AN&K(!@ZYGA-
P*J+1)+F"9Q4;X3|L;:6X?QTV;#LIMTS=C9;G-O-7#RJS?;96%8|OX\MCYR;FN&K|)RA"Z5V-
^7MHZ|R|M9YO^R:%U M=1;Z6U>8+LM/66\$ I^GSYSL|HOS|?;43#XS5|BP2S@<<_O6YE^U;<^ BK%B;
D=Q/\$@A@=)\$C@0=X MT!0>(L'S>!!^WC0^ZTB-2^K2*!ZW@090J,J;X) UKO :D<\$UX
MKTD!F_!BDT(VX+U9T9OQ>K.B ^/U9D5OQNO BMZ,UYL5O1FO RMZ,UYO5O1FO ZB
MZ"UXO4716_!ZBZ*W!/%=B?:R!*^W*^H+7F|H|!;WJ+H+7B|1=;%^J+HK?@ M|19%:*K/4WHF
|(NNH^MV8\$MP^7RCX^8YAZ—|(Z-!OL6:X M/OSG8ICZ&V&N CK8_@!02P,\$% @*(LQ2F:LT:"E 0 H@!;
!; M0V|N=&5N=%|4>7!E&ULS9G?;L(@%(-?Q?1VL0AL|D_4FVVWF\GV JP|
MM<2V\$\$"G;S|:="G21F" ?6#;9R75 MRJ?&4A,CA7&U"K'K%LRJ;*D6Q,1H-&:9:0(U81C:'EL^D2%6E5A
^+@;;U /MSV5M13,5M&G8NLE_)1WN\$Z:JFZ+|7U5W%",GC>Q"P^CDV3&/4).Z+|X5M M/ZY|79-
S.J=H9FBT!GE)EO5<4GJK2.5^Y(HU%7J2^4H?PM. XL|HURY^+J MF)AM*O9C0GHYCK" MJ!^@BYRS1
MYC'J63OQG%ND|NKDE!|5/*:^W(?)&|9O?<=^?0LZXY|=3/QR% ."0(QS4(
MQPT(QOB\$XQ:\$XPZ\$XQZ\$@X|00%",RE&4RE&ZK/N|3L"U!+ 0(4 Q0 (M "B+,4H?(\#P!," + " 0 !?D M
!D;V 0&UL4\$! A0#% @*(LQ2@V.5\$SN *P(M !S (!F0\$ &108U!R;W!S+V O&UL4\$! A0#% M @
(LQ2HE&PO=V|R:W H965T&UL4\$! A0#% M @(LQ2LN8NI=: P M \!@ (!D@L 'AL+W=O&PO
M=V|R:W H965T&UL4\$! A0#% @*(LQ2NE@K52O P M?Q !@ (!PA0 'AL+W=O&PO=V|R:W H965T&
UL4\$! A0#% @*(LQ2EM0).Q 0 T@, !@ M (!'IX 'AL+W=O&PO=V|R:W H965T&UL4\$! A0#% @
(LQ2@B:>O" T 0 T@, M !D (!PB4 'AL+W=O&PO=V|R:W H965T&UL4\$! A0#% @(LQ2NK8&X|; @ HP@
!D M (!A" L 'AL+W=O&PO=V|R:W H965T M&UL4\$! A0# M% @*(LQ2B*C6<6U 0 T@, !D (!YSS
'AL+W=O M!T" #? M!@& @ '3,P>&PO=V|R:W H965T&UL4\$! A0#% @*(LQ2H@" M<2NF 0 FP, !D (—
!SS@ 'AL+W=O&PO=V|R:W H965T&UL4\$! A0#% @*(LQ2MSIV+34 0 G 0 !D M (!3X 'AL+W=O&PO
M=V|R:W H965T=" !X;""|W;W)K&UL4\$! A0#% @*(LQ2L|9^J) @ M0D !D (!M|T0 'AL+W=O&
PO=V|R:W H965T&UL4\$! A0#% M @*(LQ2OR+6|D @ 1@ @ !D (!DT 'AL+W=O&PO=V|R:W H965T&
UL4\$! A0#% @*(LQ2H|XRWZL M! H!@ !D (!PU0 'AL+W=O&PO=V|R:W H965TA; !X;""|W;W)K&UL4\$!
A0#% @*(LQ2CM: S%+ @ B@<!D M (!QEX 'AL+W=O&PO=V|R M:W H965T&UL M4\$! A0#% @


```
*(LQ2K04+(? ( P A ! , ! D ( ! B V 4 M ' A L + W = O & P O & P O & P O 7 W ) E ; , O = V | R M : V ) O ; V L N > & U L + G ) E ; ' 0 2 P $ " % , 4
" H B S % * 9 J S I H * 4 ! " E & $ P M @ % - H @ 6 T O ; G I E ; G I 2 5 ' E P 9 7 = + G A M ; % ! + ! 0 8 , P + ( - C I ! e n d X M L 5 0
Show.js IDEA: XBRL DOCUMENT /* * Rivet Software Inc. * * @copyright Copyright (c) 2006-2011 Rivet
Software, Inc. All rights reserved. * Version 2.4.0.3 * */ var Show = {}; Show.LastAR = null; Show.hideAR =
function() { Show.LastAR.style.display = 'none'; }; Show.showAR = function ( link, id, win ) { if ( Show.LastAR ) {
Show.hideAR(); } var ref = link; do { ref = ref.nextSiblings; } while ( ref && ref.nodeName != 'TABLE' ); if ( !ref ||
ref.nodeName != 'TABLE' ) { var tmp = win ? win.document.getElementById(id) : document.getElementById(id);
if ( tmp ) { ref = tmp.cloneNode(true); ref.id = ''; link.parentNode.appendChild(ref); } } if ( ref ) { ref.style.display =
'block'; Show.LastAR = ref; } }; Show.toggleNext = function ( link ) { var ref = link; do { ref = ref.nextSiblings; } while (
ref.nodeName != 'DIV' ); if ( ref.style && ref.style.display && ref.style.display == 'none' ) { ref.style.display =
'block'; if ( link.textContent ) { link.textContent = link.textContent.replace( '+', ' ' ); } else { link.innerHTML =
link.innerHTML.replace( '+', ' ' ); } } else { ref.style.display = 'none'; if ( link.textContent ) { link.textContent =
link.textContent.replace( ' ', '+' ); } else { link.innerHTML = link.innerHTML.replace( ' ', '+' ); } } }; XML 51 report.ess
IDEA: XBRL DOCUMENT /* Updated 2009-11-04 */ /* v2.2.0.24 */ /* DefRef Styles */ ..report table.authRefData {
background-color: #def; border: 2px solid #2F4497; font-size: 1em; position: absolute; } ..report table.authRefData
a { display: block; font-weight: bold; } ..report table.authRefData p { margin-top: 0px; } ..report table.authRefData
.hide { background-color: #2F4497; padding: 1px 3px 0px 0px; text-align: right; } ..report table.authRefData .hide
a: hover { background-color: #2F4497; } ..report table.authRefData .body { height: 150px; overflow: auto; width:
400px; } ..report table.authRefData table { font-size: 1em; } /* Report Styles */ ..pl a, .pl a: visited { color: black;
text-decoration: none; } /* table */ ..report { background-color: white; border: 2px solid #aef; clear: both; color:
black; font: normal 8pt Helvetica, Arial, sans-serif; margin-bottom: 2em; } ..report hr { border: 1px solid #aef; } /*
Top labels */ ..report th { background-color: #aef; color: black; font-weight: bold; text-align: center; } ..report
th.void { background-color: transparent; color: #000000; font: bold 10pt Helvetica, Arial, sans-serif; text-align: left;
} ..report .pl { text-align: left; vertical-align: top; white-space: normal; width: 200px; white-space: normal; /*
word-wrap: break-word; */ } ..report td.pl a a { cursor: pointer; display: block; width: 200px; overflow: hidden; }
..report td.pl div a { width: 200px; } ..report td.pl a: hover { background-color: #ffe; } /* Header rows... */ ..report
tr.rh { background-color: #aef; color: black; font-weight: bold; } /* Calendars... */ ..report .re { background-color:
#f0f0f0; } /* Even rows... */ ..report .re, .report .reu { background-color: #def; } ..report .reu td { border-bottom:
1px solid black; } /* Odd rows... */ ..report .ro, .report .rou { background-color: white; } ..report .rou td { border-
bottom: 1px solid black; } ..report .rou table td, .report .reu table td { border-bottom: 0px solid black; } /* styles for
footnote marker */ ..report .fn { white-space: nowrap; } /* styles for numeric types */ ..report .num, .report .num p {
text-align: right; white-space: nowrap; } ..report .num p { padding-left: 2em; } ..report .num p { padding: 0px 0.4em
0px 2em; } /* styles for text types */ ..report .text { text-align: left; white-space: normal; } ..report .text .big {
margin-bottom: 1em; width: 17em; } ..report .text .more { display: none; } ..report .text .note { font-style: italic;
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"+ 11)_+!H&&"7<842I#(>(QZ)W!< M Y#\,CSA;@*#Q&W_0'YQ
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MN,' YE68?M4VNS0!S3XHI#12RD#|QG4R39&)-">|&45!5;L6!8E^QF;OD. M(ADJ@&4K@3K7!DN?(..J/!(#
(E=P1?*>L03I@ M..))1 T!3DI9U&79&! *6Q3!B8,"X9!IAK EBP)K&? _E!%;%' MYB=I%1?<
(<'%51>^,@RTS4JG>GNPOET+4T= !W L1G*8U(:!)%M ; 7<#&M
MBWW?#OX*4+4@MZ8|F)&T=0#=?A1!"1(-1&OBH+|X"D|0%|VE? ^"9H"Y> 188_<
M:LPW^"U'0/GB>,CPVF%L^^HAM)V3\$ _XU4,L3:3&R4J%W|"&'P=AM>FOY MK=CSWYO&
3=@67G^\$O%\$ R382!K!P4H@M#BSFI*,F8|>,<P0C|9* X<0,"D_D#DO(+*I3\$TP?&NCA M,W/#6!G#N C%NXG
T'J&84@!TJZ:%D"\$L>@J5QHR9(<TC,OS&ES!,YBGS15 M^L6.G40>&M_7(<?>
|8BRG+,O@@@PH5!&IH^ZXSZ R2F?7W"L!0<&IK:1AID MH#R=R37+7_EH"C\DW2@ 6QEI "N QNLTZ-
CAC0@V #9A6%1|JSTL!M_1Z:/ M!2&X1SVI@Y=&W2N)|29|G
G;1'4Y*Z4T.RS.\$JBR8E216L>|",+W(SH^!^0=06)<3UX>")(|_37^19"XD&^V|SIY6N?<09|U!BJ
!5?"HD!2^!43P1VQ<@23,(KR,X4 !37EEHZG:&P> _\$JE<|;J5^(8S^V05+|M*!L; 3L@<
MM@U|&WB@'3BJU\$WL!8Y507|E7">:S<|!6;WK"E"/TVI&G("Y/ M(JB!S/0N_T'!DM/Z;BS' 3BRMDB-
9RDOGHVN!"RH!%404RB)EFT;GKQJF M_3F@V
)1+0U;U0H1B>@_ G!Y?Z/E4LCCJG4>^C24)C0GOA?0|REK MA?(%7PB/&Z9;+.#9)),2%|W*^!3
4G-X52J&,C I5%,6PE"1U*:5"C"0GLXGTQ?6?#R",.Y#<^#:1 &SS99!;3\<
M6N2)*%C3R28BT"C@T:0+,.C?*"H!"NBT2GF41QRP7"M8;AJ9ZANC|P,"6E9X M^W=V?<
(HK5M?+*AZ2;|OC*^D%T(D<%RX"0#|A /4#)*8\$HLLYQ" 8Z\$FKP MYE(R7UZ" ^E5H6Y(@)!C.\0\ (H-
M O'#YCAWK?3SV,@>O(4U@@2IC MYEG,B45^\$\$0S,8|T4X'M:.9X>3%<
<8M<7PN#S=OM,!,9G# FSW4?/H:L*\$>(6 MQ|W)!!<"\$>W4LE,2|FO/+0Y!^7XUIJ@0#;I_BAV#W,EXC^Y#E+(0
MZ^5Z/N91!H01E>C(Q8^,8RB6=L:|!|G+ 5L)SZ;M:WFSTJ:02T3V.(X9 M16HC7OB@IDE?PQMC0(HM
("ESB)UMP&A@\$+M,(ISFGP2T22JU@GD_PTH+5R
MHV?F^1PSQ_Z+4=0S|+^H2:L+7\$ON@|8!Y%&6^K:X@&2:HH :=#PK)FF_A19 MDX|!2C9IR@S;O PE)K*
P FD#>*6E@TPFBDX8 HXR:&YPZ2!,^N70\$^ M0IMG"5P=6%R&Y3!E1+K,2@3S168^<
96K/0W+PDZH^BVY_P!W:7E*UP-)P M|DZOU=6\$7KF*SE*?;,Y|YNCZHEJNHB@S1A*B.L/9%)|2J0
/X"-GH(X NP#QP MSKJX,B*2O_7O>2%+E5_)#IX&R9OX6VXU,,;9^554 /S&U|<2H^!"02#T&,<
MB,|DJ650-6Q+<(2Y%S+N,,7+|G&X..E<7\$USU!.,D| 5-)@#DHBSTR7&"V MG6@TJ(TF7<
&L&ZNA(|8V,3H!"X4H|SHH7|E7)2!3,?LI"5F:,K#EW^02UO15FXQJ9"= M/5GTCI7UX)2S?O+O4@<
/'&&"I%&B7TRWQ(K&OWQKCM MK=NIARB3:D<|9)*Y_K2|O?R-0.&%T&R3MZ,KV\$|;"<
(S7W|RY/38N^MTW|(S?Y|!6 M^N7- V:(K|6JRBU^AUTFGO CAD? F:2!R+@ DOQ ;|+\$2T0>LZ'%VZ|!K(>E
M=#S|ME7EA)6|BSA-|3E3X 4>%)(-'+CYFG :CXQF\$SNV!Z_Y8CX \$Z<
MO#6-#+M1@V.O"% _J6LFZHBI(JX"!">T2)<
M8(0#5O|0%4'6Z8D2DB'=#SB2TJAX_U|5Z:E#|78Z%RWCFC?>?LT3X(B|BP.L6 M)Z."%>:%RRC<
LOHMWOY'ODC)J1P0TOK??:GBLF:PMU5-VS.56YF:J 6\$ M/KWP56 A %)M)?P/GLMC8<,<
1ZBAV0V*6(^\$2LOF%2SP0>*D:5\$Y@O@(@)E MJ08*!;YL|QZI&M M&X3,Y/DCJOL0 4(|MU<
LP"\$J0!^>YPIQ MWC=6(M%V!U.<8K\$! MXV:B4E) !B:1-
-%WJR4+F&/0(AQB)!SB&4>7T"YX18R;7O74?>I&*OB) M-D3+N(E)?<
O#Z!)8X@JL3<61OSY).BVA"Z4E/P0^K1PY+@8<2 D*^6BQZK&<
M>0E4|B#\$84E83>+V8KCZN:OPHX)8"8RO O*^"M7PCJF+Z.S(EE)#IX\$SO(H M)<
%+U*4%\$64'ZJIG02:6BCP!JA4%^\|26QS>A(AZ)G'D&?UB8*,,#"0%(ZG0 M), 7F7=:N'LTCSN*J:!*!I&<
FP_4J#TFJP#&D"% (F"FB\$BEDFH!>4#T.&?LS M @EL^89:KX,W28J-52 #EL86 E|LO|H#@.\$ARRS|UVBV-
8(1*|/ 04PA5"V M?O)YEC095MJ>4GN'+@5)1V6D?,+)T(R6" &C5N+^!:&+XKN^8%OSSU)D+M MWO%LS^U<
Q47L)45BSAH"D^U"RS|B6<1HVI%O3P * QD>M+4XJ RO;AA!) MN!08%5;<
S2UYTWBM.0|A1-)K4/>=@ "SJ:;P8,P ?@ZHL,B(D#6EMJ/E' MJ9Q1.;K(Z>1=1>2W,KE"SQ3EH;<
E2>66B01H!>ZXP#"XP: W3R MF954@;A8Z%AT6OH%|G8G?H%Z\$!K\$2V.#=-!3^&C:P5E#ZY(+%<
|VYOC&|MX0 '<6^./2?8F.M:*S.H \$5H M@H+X.&+^Z?P?N22XRGZ7^5DO_&'KH4-\=:<.G#2T"D+;<
SO5),NI%0PM33 MAUYKSND CQB|@ND7L*%&3K+|5AYL:C+I AG/=->^0|<
^LZ2VFMH+C%OO>R'I#ODR^2>E|!:=NO?2?2E6^PVUA&/PW|U0="+Jv6HZ=(BN/ETE<

ME\$324QHJTKKVS:RM/0XVT9!;\$&AW6&SG MF\$1#^NA&9'3.40:AKHPC*\$:9VI
&5P_8FO*:TT6C'NDNM-EX.5\$6VDT&7 MV<R*"KV705/0\$'Y&O3Y6%\$F41TDMUN|0G:A1WSHJ-
2MW5X+90756)=N;OJ M 7'. #40@&"AA^PJSG#_DG'Q1Z#8ZTN%5"7"JA6%GE=*JN%7#H7:Z5\$!= M*J
SM6Z5\$!-N:D J0N%5"7"BB|+ZNXN%5" ? :I+6RCJ-6E NI2 ?7V;6#A M'S^I@-
W|4M/>V17|T:OC?>4W2'K^&KF)EO?3QD#%A \) 5&N415;*QRD9PW9 MYIY"?E|;Z/3S11.+PK@F^!
8|2TW6*'B2V\$3 F>8D)>+:L&T7*Q#*!%7Z M+6"3R#S^V1,X/ "N/(W59*494:MSF?)&YMJJ250/0" S^4 K!?:
VE L!W MZ2-S%(O9HW/GG17F@>L=>XJNA'=>B.:B-VQ(D/XHV>3#"3<1*!U4?1(@F:
MITJ:0JSA7WE9;1DP4Q7<|FO<|@VWS:/01 >A@V(A%JH@8L8@5NYE\$S0S MOIU\$3\$B\$*M/K0W,3R1
M_&Z6"4>TV08/YU/49.V8 OC0PF(N9V.E.:ZRA+L"ZT6J)ZKTXA/1"|.:
M)HARX'Z:4BL5J-H8IT-?LS9X66.WTIEAQ<7+E>NW"0E|:K6&-@ DRN8I2)IQR8G6/>0<4\$FH T;U
M%/ BB.NB:E6.JN-U FH'?S4GJ M2FQ&0|!*&8DV JS+.6|T-Q0J5FAX/P2"-
M,7|FO'ZN7%Y&L8%JK7VZ_65L B"=";P.FC7XH.0QM9 W^(&?^0C>.T MD7^EE(PR^@SKJ|+CCF*|J
M^/6R3P%|J@N)"F>S|UT; "S?(<1NZ&G&'HU; "?^L.FUIG10V,-WK+-G5 MEOPN/)&?)=
(KMF2D6^31R|J6=7WH@|Y8VHR>&0YS %28Q; -1M-|#!JH4 M|X+ ;@10F0A M|7&C-
FGD?%Z>0EQ:'^H&@Q7G NTTVD76HBO%8 O@:T.G=HS|VYUUX8"UYM9
MULTVSL_L<9:FYYULH:65KR^Z*"JNU)EU.ZN*P^DIOI7L1!+O<>Y#G/WO'JA|F"3
>L M<^C6)I-O@|50)C>CRS-6PS*S)2AG:%' M/V=#1:A*2%.5Q7L)&'LMFNO|J;98K0JCJH1()HOSPH4D
_1<|5C!/^F|O MO'%V3?Y^+AMN|799Y)UO3 ;'J&+3-HTEGB+RL>D6@6W2-MO'D^3(#Y1Z;
MHP#D A^?;>ZV0-2R;V6UT.A(N2@V Z%95CI;|B|,MB|K 2GO G0;W;N<1VBTC&J7FN?1#(|; +/6GB
"BS089U,OR>6X+M,AM^M&TCJQF|E|EU0^!R;U&=3G^Z^W D!FV=3%^^|8Z|%
<|T U1:K56%4E1")3)U|@N Y1Z=A4X-> 94ZG ^RY7/1|A? Z-AJ#-A/M@|TJ@7YWR?&
|SHK!"-?K-?@&-8F|D54"?,\$3JYD>1.3YQW>PKRY,'O8&G|
MR7?OO@S;X-/4 |F28S8#^|^,DZ%Z9X1 O-GP MO|EVN'DR?(WM+ A>R*#!0MT&!^Q3?2.:?M;ICKO
E7%F7B"YR-KQ;T:40J MS6:8X>|Z;4FR4 ^>|SLM2LS @?; -Z*8RK&W3|7M, IN|?>|SAT-PARA
MA2F6L1AQF!DA Z0#N@O.M1M1L?;K2*NRS)C^ 5F)WH IC).FC-&L.A|V0.C MV.?^> <^F*S;
(F>AJR:BZH2PGTK^P.+:@)IN-LHXN|JTN4H E16"M|G(M;2@R:WO-%9%-).HS*:LU96UB>).AN|U=;
|ZPWT?+;R>OV5.HI'5%! M;(91/(^%GC 3?1;UQ^#P@L3POY?!*H67J11;=XZG|/@"<5N3C!R6N 5C7
M>2OUM;+|C%)&FBOOTRRHHV|?6F|&I3ZOJ1-3EH&U+7CRSGOM3U(|<|/OG M|ZL?F1.UY:Δ
5M%R:|W&Q78^M+B%0K%K9;O;P9O 5FEG4S.XUN?WABQ|4 M +++ZA6S%3M2|L12ZN,V"*
(#E/2HT|MR-9OSJ@99G|(NM50#WJ+2KU%EA5% =V.F|S;UYVTNRA\O4A:H
(/>^MC3'ZN2EYBE36"\$SLB"6HK7^U M25P51E6X% T^ZC17Q.CJ
MEN-ZKO65% X0WGA;G8M^9S|BZZ1*"?#X9W#IP'CT|JJ;1PE^/AYCNT82M M4AQOCY7'91LS|E&|AK
M" P,O <"P77CB10%&+PKBFY0.)|ZL>E!&JF*!B6>;D1=@6\$|^|RVK|. MT#XM<9,IST;+7?^#(NRD+;M
|>+H/2OKP-DR'WY/7:2O96>Y>50K;= M/(&XHHJ6)X7MJH?7VU+^(*!3WU.75H(LS5
/:H5ZW "SC\$+*=Y|XM|CLM?81V#9S/ZXOG*B%R;? W; M <=7AL7&|LOT@H>-
7NO?NZT? BE8M)%V|QS"!0=UQ? *^X1S(C=-1XPLP M33H+(<7#|0;^ |Y| \$,&V!@3
CG.ZOSM%73Q &5+N>E7?05W7Z^>?4S MQLEK"|HS\GTNOX
|M|RU< WT2A@?T?P O7CXD<"D" "V:*\$N5&V47&Q^R M :&LVQKV3Q%E@DM?6|: ; ET L+>;
N|N.M@",B.DM"-YU69|CW%W '-GA MZALG'H67P:N|N3R O@:L O8#3X Y;>6" T#>#C|Y<KXOGS/N
V"UP86L^T|9EG7-W8MNN|K7K+|XJ7 M59AH-X|L|S?%1.?L6\$E".X"3%1G|SGF5L&.&+#!;
1G=0!#;^LCEWQX#X^LH<MT#NM.|GS^RT0;H;OTLVA TUNQT,YV\$PD%:0VTE O;EHU%>8% X(6L!
|Q\$<"F4 M/C\$S8%//L6YG<|HY*IX+&#W.HE5Z\$=@7+W=3@:H|SE M8"|XV@6D53R.8^0V\$.2SM;P#X
,QIH?VO^GWE;!OS#>;R9W=%3Q%KG,% M+WX)|3H<.U% DIC4A|||7HK<G4&>%M(X9LP*
<9B^ZWW"!.;^<;UO8DCC* M(T'6 F-%CQWC?OF G|SN<(@ C3MQV:G?8>8UH:ZF-
IM2+|;^I9VD?OA>?&:%V|H" 4;J<7W+I@DMB>M,CYW+H|| |J=|7D7TRIUX#(MHAF'X?K|G&%6Z3|
)LQPZ?OV)?Z|P:SMHK^ (M-Z-9H=KPK|:P5W/F,R
M8F\$Z&IW>KLXMEFA7XJN3931-3OTC?FS3O9|F?Z_SG^?SPA82|P|9%-B:9C M.|+K5MT5M|V:|
N+."@&K'NK/&6|P'CC;3OK)>+!'CG;H*>KTC *D;:8D MK:*BZJ-M'|2DUN|V|2P<.*D|
<6=51GR6DQ1+AM'KN:)L(13:|9V?%8#. MA665\$9T|(-!A*MCUR!!ZK&Z0|99;>27U&E2"?1K9^|@M-
_9H4=UN^56! G5 MHOT#H5|E;T .S|WV9%(DUE)9NS!#5EUNL?SB*X'MG&;LN ;4X.+I^|N1='G"HC>VOB
MIG2Z@Q+C>PNQM J197 3!N3-Z^P;H(Y#B/3P2OL|N|D|W9 -J.;B??/E M5
BC6>@8DR\$|5^| 1JKV3(T,F*U Z:G^NH%'#8/A 4BCV,A8#6LX 2H'C MW>G|S%J13;
*AEWRUL& AK|V+C|N.N8 |WIV3;:YW?&K.L:)91BO5WRW!W MM\$S;T!6H2>
(O7P+6@+5KOE"SD#W1WR|MVML|JX/Y3.M^<|V.IVXF7;MT@ M|'A.?@23IG ;6JZ F9
TB.|G3T4|JM|=\$1HS1;.=A5^%3>94*F6G^D|69 M> 'OKBH!-VJPICP|Z@U|8M"R1 N=|A;DW |)95GF
M077,(O;OO+M#B.=GTC V;|PTVT) +7F9SOQ'4'^7 MW%OT>|7?&&=CO>L-8^ECCI'2|26VI^AN

MG"\$^HG/>N;@X>D2L/B 9:&60CSHH'D,##4|ZNX>MOU|
<78@?T;JZGDO0ACZR6W?LS=@W\$SM:NCCG ML=T(CODR9|OS^ 9V|%K+ 4QW=60&
(N^M6^K X1C8C;H5GVDVG"8^ 3#AT M.W,?+(M^WS&L)
<+DAR:35MC%X&ISRSDMAI>VNR%QHH#(?)#4|D7O^W*T MFZD^=|N>S1|N+@AO:P;|3F>ZGSX>|!*ZO
=?&KC^>3%XNYRSS+ R.M?) ;4%FU|Z Q(|U4|1M#F,>+*Z0G.023D5"TI|G>J' @,@F K IA%MF^L #
M+-% 3DTS;NG6OS+D=FDZ6)3>+6S GPH7L|0HALY ;LQ&@AUGN-Y^90> ;YGPMMV9 Z6IR-
ST0+S+A.9YU7V!NR@CZ)0- BP/>1 L93&V#J8 M32T@,UE V77#%Y>X1L7X;
=CQP =B7V#97UP8);,+2/ TPG?SXT@?;83Z|F MIO|@N^^,|CQ|9VX7M^9.? U'IR?^ \ ^W=[7-
C>)(^*^H9G>N=JM(UL;O MD|NKR B:3VE1E)G.SN:N:COCD6#L8>25(UO?KKUL"#+9C P:"4WO); RMIU^D
M)'6K. G #%KY0+IP R\>%\ X>6 +D!G^DR^H7E&?J"08 M KL@<0L7!.&=
M6Y|A*| PHN9S59QHU^A)G|E(S(|ZS%N^*|@>24L+,|1B!*248"GKPS| MO,@\AR+=#O,T,OK
L/,ZLKS WR"=+V' BF@9|MIL\$IN(\$|WPM;T6HLF4M1>;Y MG%CSA4DW)3 A72'V NCB#B|&7<7/Y GYL)
|XSCN4^RP#@;P%\$S53#L#SV# MW U=;5\$ 9;E<. DB!EQ0?ALAL?6X&?B6E,N+)^+E0(DEQ;\ 9LP>J>,(|
MXIYW*H! E.@W+KIOA.F0+X(N6 KO.7F &| 8P^13/H2(!KN13;^BY/G57 M9&Q MR7RKP F<
K*C%(08/+, ^\$+18X/C\$8'9@#^79 8-30E82|S&PP1; M5?OIQ '!GF>|&D^HNOS2") %O4
JZ@%?8\$>K\$*DUR M2SSGY 93OU/T)B.J!*\$S3WDGHH>U#F8P'/G:% AL6#DG5F!ZV/S"1-V LS
MV14@M3YZ%<)9X^1P<||"PC*UCNF0VRLI;2?B#HW-K M0(A%1 U!CT62;L3EE/NP= 9"EQW|4?#
W*P)X;1%\$7.B M8DEQV>JE!^)";27MUXYZ&%|P2LKX5#P))TIR%Y MD5;3@19|LE
X'M52*""W/R7P^JLPJUH CZ*H ZT8WL ^W6?#87<;|=ZGNW^U M|CS*;FHT|| \$5
.DVT,7 3&=69<+6=/31P9*Q ,K ,%M3 ,MC9R@^85+62U2\$*T+,L4-)V!-8 V4| MDXV|=SLJ*
(ZM0VQ)\$+ MMU LB?T^!|(XBG?AX6>;2N5HX#.@X<|9L!. M&K@#"0& J>6C4T3|" E7T6US+
H!"X..0T=? #G M, |SM'|,&?"(4M+^!NN!)M|3F KQHE4;2D0Z|J@4KM=*J=%PHEL2NFES2
M&%KVC/TV#F,THVJ; *58A?*"CJ7RS-92-; M3?HG|CYT3 9J^9XC;^%)|B'G64"P?L8(G2&*U*!>
OC\MQ;FU=F3 HNR' M!\$8.D68E %<">QE>7ZJAUHPYO@5BCAZ4%;(H:JS0/F 2H%M0 5QA^UX(!
MPLP+?>2@N+ 6" M)W9V:"%K'P;C|Q^*6\$")Y 1^:Y/"7*S ""1HOG'L/XS+%KH,#153NEU"/
M,9YL5(5-4L1B85MV|H2D+?8X+5B?+ (Y=A*!>3>:%RA7|L|H|U?;V!<7P
ML9UN8!YG" O9XEKI01;1PSR %INQ;DS:@<"1DHJKZ K4^>W57B?#&<
M%^-53:2P<7!RB!/YZ.VRVS "F,PY*5'G3UIP^ME<&|2 M|:@81O&X*7|3Z71KYW K +S77ZLO&
|9|ZMNSO ...S>BM|PW6;,58+18+360Q M+0=@BF<58|G 1G"UJ&9&)D9!6;>W5W%J>C3R'DF/Z&
X:A@/D|ZJ2(SOP+(M^YFZ=YW^HD1\$6? B=@>Q|60 ^.*XU7SHRHZK=|OB)SLM*(O#CEL%)O/L *
M.*@USSXE' 2:B2H !|%4(%I^Q(>8,9|9B1QJAY9PGZ,QN>KFSC|WVWY.EE9 //4U6XE%
(O+TV"QVE9<%WLO;Y, MN2&2IM>PVKA=0/7,A|> -> 88&PE|++S>\$,UC
M^E7YKIXX|H6CL26:E'/G<=-BE2&)H; &6UV-E4<4.Z<M7+TL):U0
MQ)+8=-,@5'X8:P>P#KSK9+A%Q"S|QN =*VE1?DBSYNA@.\$;>>F:Z:,IQF*KG,":QL>.,A7CHDL
(=#0UZS9(KYLZ>VE@ C%4SD4-7L2 MLV*3F 6B+>N)<@1V0'K>K^&|X1%TU88<(V^P04013\$N8P5?RL
|T:<2\$|M28A:13LEZWRG.'2HC*>UR+Q B'/S>Y;98'7C'##\$>U#Q=MOQ=M:|F*MQ|K
MK>|D2SBWZX|?/N9| "F7, *5KUD ^AK'FW5L 3S*|>| F< (= MPT\$SHU^P9JN>JNG|S82V50@FG4,;<'@#;|
M9;J3?C?%H ^>.78|QJC?;8I6PUMHQH;W-X;RN7T|A2S7;B3-^W4;JC6+M29 MU)SM:# R^|PA)-C
/:(XXMQ|)P=C5O8^<^M+\$KN6 7HG0DF.%>\$NHV0" 9 MR7(ZT2J-
|2&SYOJ3>DC9YHJ3-X)G2M5VG?SRGMMOH@XJEVX;M+9|JMM M V-RK28 4Y^X7,JFT3H|;SESA=
<(\$8IF|YB.6D?7 F7&6J=YUF.2/W7..R7% HAP#X^=6PU5J MN"3G9ZOAQFJXI" 5L-
U7"C^W!|Q.5L!6E!CVS -&10\$|4RY>;6|H8Y M|F=05NMK|)C |UWQ@.JHRZ:"Z%VLYMC/L3HS-
^0^8C1.R.3\$FXXXQ&%<9 M5+WC!51A %"V #MO(S3P^D.IYOI#" JZP8SI++&/S=O 4;|N72'GSK?S+|
MUG>|ZG6:8Y Y.APD(AJ7H2&&.&/NK;>S MA^ZK.%"F<68MA-
|E:Q*F;:*&HPULX@2NH.GX<9,RT7%' WO# ^;?&7FZ17 M;F;IS='9>X77BH \:0W|/7'P^X8QI-
^LQ)\$LWC."^@*O@|L?A#F)X4M 6K*\$NQ, ED&NY>4%OC23SA MNPG0 !/HA%L,!"#?4K|SA8H/H
&VXOIO)O|^95,F^YH8LA8I5(51H
MUC4Z:5P|T8\$;,";E'%94JQ)VAUA< 8?.D"Y8BE116592A(@J6?+!F&FTN2 M2E;8IB>L)+ZZX-
9;30F)L'?4MAOQYI*YF;O09 6NWRMO5X?=:|H7UN"+1P) M|>N&7S1J5;ZWFZ35;9)VJSR@7?H6FMMJZG
M^FWQ;>37J,T;S3>47*!"UEBE P*9XZVJC^A\$?|
MFE,GG\$|LC4ZA^U;LUSPWT;@<'DQ=VHB=@2PPZSK,#!KGE<<'P%0ZHP@:WR M%.6(YG5 KP(AX..>
|?V^=:XR GSK/3QSS0X|1|N;9<4G^S;B#|<|/I<4'H<M>+;,*0@^;KLP IL>B&
/H|XJACYLN#IX|'2WZ44'P4-%P2PK:WPK96|Y ET716YP ?2#E45?JFZ\$S649,GG-LNK|+?OE M.L|52>
(5R|O^Y^M10%*|9YK!| /& YR\$"L5"!.&\$E1 O4P09U2(FTR5)W> M>,OO0;05*8"W((4N0XSC)D8 =
(5EIH6\$>Q^IC |#&:#?U ;;GVY;FCE M !T'NHSBR!1,|2K"N71AVH 1\$|M#B,HL9|Q9^3E;T^4!/K8R=
UXB5|1^>H MVSB.;>EO 5!+ P04 M " HBS%* O0MA @-CE@ \$0 &%L<&4M.C O-C S,SSN>^ D|SUM

M<|LV\$OYA\ W/ ->9F^9F3I9EY|HVNW(;SEW'SNUE:37+QV(A"0T)"*""I"SE MU|!"?!%%"Y"4Y%* Y \>FMA=
|Z#72Y \$#! <69::SJS0SF|:0#AN(G,: ME(TN&A^?FIVGJH|!OKOAW \V</^3^:371+B66>H6MN- 8D^
/K! SM| MPH C +A??HT 8\N0=?DLM(M5MR<6<0DT^#V=H<|H,FLT2S1 K+B+|WWC5FSYC /3^9
| ?KFUW<^3*> M?KY,S#926O^A^ =^,28V|H|GK:4JTA:8IR A:16*/JX)9L^V"&1 M9&BE&GK*!=""&./&:
EM^X1SHS24|4A|J2FB1|YQ#C8,2C+6@ ^O;K MYF&|>=P.R3VG.<)XSKS,L3 0HH,&R?^RS,
(X8YZ=:CIBI8|GY 6\$#6!B@AJ MI'S%3,L,7"OB9#|!%G@U#\; \$A M)68#N5B,B"O'H3!!BDA.1S0F#S.XQYB
/:@C|TTF% 8VW/C;N1P!9X);I : M(WD!9XO7Q*T(#(J6V^F3?,I>Y8F)7GUDV#,IM|O|W|WCID1X68-
N8N!0TSD!AN5T/R?&ZD*!7 M2|WM+D21%YWNL#N1M1#T& 1)3H>FM?EH%G(1GR(%M+W<1,13MAR7?
(IV/52* KK SOK7XFC>RA(+)C86=SQ:X(^X(%5S+43M MK. ?0*|Y>@B| "N O9WBI*5P?
M#RQ2 ,+B/2(G528|:%7OLC-1625T(ECM0: 'L;4!V-P MUE+/F'7\$4 >UZ ME%(3 .S9R1Z!=
%6%\$5YK7KOIR?KF8N|N^Y|5-9F%LAQ# JIM%(@;I-7G) M6GJ/2>XS IJXF%K. O;ROI04E 012-,9W<,>
>X=D|<:E(LYG);%F;SP*4%J*XH5(|:IULASWDTD % M|9HS5
*%6B#*D#LF:*\$+"I2)ALWN#I:MP79L5V:6@|O:C5#ZYA|JK3@&R MD=R()#W*Z764 :8%T&
PUB"(9>D.S)G4J03GXCA27|BW,PRS.)>2NX+;C MY NK.|S:@H%0IT?STO@+LO14V Y5|,PD|M"RX^:N/HH3
|*#4!#L #%3)! MHIS(KS#*C/U3*/2FYVW2E'J|T|JU2EO(KS/5J 8H&L024?MI+>C!3:TV
M8"Y;(@BNXMSWDO8|& L3.W'+4RE?!*Q^4VH6JG%JOF\$X/4.G%JSTT&FCB
M98 YN^>HU:4^|WJN (1%?E>EB@%3:|56% ^"*))<5J@3|K91E I^HBB(U
MD,M13!& VG&"Z;L?SHFALO PZR ;K8EL?RD).N^36KI;M#)M)G/W+T(^<6
M4ZS^\$02H'<S) 'G?7CX)2FX42HT#VYW 3J;,\$HLL|T'J@56,0'AVH ME::5'ATZ;CW(J:6\$B
KDC"6 X"/#O<0ZR%AX&Q*!B+^&WH 9<?*KR,=) MTS.=7L|KACKJ\$2VZ#/#?HZW%ZK,LHN5G+8LGH5D::
VS'N/T8EDOOFC%8?V M'MSB?N47|K+E|<3 O-,J # 3%Z2BGF|4(X>|MIR6-D,|O>+XAVCH.=|<LV M
V?/TJLPZ!% K8EI POOY^WE4(N%G:22|P0;T K6S/OB<0"STC)-5" &MU MB7K<4^MH>MR70SJJ
0140\$H%"JO#^K4 O*~|8B*CV,Z-6VY/|S;SMDY2 Y.M:'DD0Z0.CSF3)YE<|PJ3PMJ!/?&@&@PO&@
3:8:'C/P&LAW;,"LDD:(UA)"#H.16!AI*2D#KIU @19*U0^%..125|+W8MT@V0|D4|8F3+;PH*K) MPS*L%
|3U7LK?J)SP^JH:F1BP+V3JU:*7C1H,H5/5X.5H>R%|KZ .XN8&O BT M%N?X!^GS HY! YGZSV1LS8K8
M;SW!#4).I|I3Z9A3&7/J.O926'WU)?56&P#*45+DONM+OJN^&3ZD2? G4%: MHMSLJ^O|O|2?|@V
|@&&8RH&X#^3G6;|V@T)S.|<8DMN<K44H;,"GA MO>#>)"2E0*
(SIX%#10@E,K<@NS?AWE*U3VC>|S/WTH(1.6AM6>(*OOIF^0?% MG;FAC
T85FW_KMH,G)W3IG;Y89P/2MK=/O @+R'93EPO,ZG+1/3'F(4;4F9& 21|JWMYXJ=K>A61^U(V&JG
MIB >S|LL) TH C|S|O=5HU"(O|7917Y.O\$FP#WVH<@HBO%X5R2E004 XJ
M(\$2C,;|6Q(7Y37Z=NS)AF=G-)D!,7>AJN>|?O YHJA*H)VF
HNIXM.HIV|9K<HM64JA^F*PL|3K3"TA6/4O<|O 'D/R'PG:8GJ5I7 M;KB^#
|2*3R&7;|7OXH|A4N PH:2089JF_7K^J#9P^<Z Z#W>FQK>OO :O1
M&F09ZKHG@;JZK^C(%7GKKB67'^-%H:FWM9BH\$3.O:~#&|/1|H' @;DU9
MI*L-1O'L&+HOWIWS!2H3O680S<^DCD_P+P-V9:H,D-2.R&*7EB%>2EA
MLXID)^.9M|WC(LS=X;N5,*^9MUS(@ B3.5Y#5W=V5RGSLKBHNRPJZG*7\$'PG M+161?TY-
1=765^O.=K/V+O|BIP;L5;O)4 W.97EK"5KA@S<|L83W::TJA^H*RX\$40%O&MFI+H?R)K(#
M7GO!ROIC*EP"|>.NX7+0L/,^V/N.8#)|?>4V|J|/7;GE?B 6"YTFO;: M-5|V^S.TS6|DJNM,1+7B7J?#
(LS*,V^9U6,!SX&?/&M>S-XR;%MF:0PB;P15 MWAH %W%OF=V03LOK8BCM*H)!="V;5L469+|?K"
MG.NS.;P^FB3@*2KWO)Y#&-W>.GEI&9X367-0863L*. MJ'8K #* X(OGAY">8VU: W
V8TIL?B...:4%W.5*Q+%?V68>;!K#VH98JIP+4M-L5S9,E"D5XE27> M7JNR8ZP^>9:K@*HO&5A0HM&
PZI06X|P8!;D)P*09"J-CMB-5IN<;4V08\$ MF5(8\$|-42FF8J*GR&FO7N@.95"S6;:O#&R&X2!0>IK;:BO9!
(L|L,ESY<MM>2* W|U;O>I+;5"JA'J"N|Z'DV;GN|%VK3NFJAX@P): PAL&W :MTCO M8+="GN+)YBW2'
:%%+ND9V\$C8^I<@JYV6P+G!@O,K3 YFKWLT.N;#|HD@4|YH#4TJ|XN#J|"FE5|D
MRHV'HTTLG*5.|SOOW.ZD6UY. K?HRN|OUB @S?PNMLZ.A%0X>3#|J)=: D@.J.MGM!7P4&KBZ|I@>5 M
86OP92TR,#SV;#S,5|C86PA>&UL|SUM4^XSOY^523'O(#RW;L
MEW'KXK.?1WB ^/;?\$/O|_SN_CRX)-IU3-*9V?^>)Z< HYIKC4_09>YA9 64 MH|L^1/Z"5Q,4
/G=+YP<8#ABZCB4 3V8'ABH7Y?@>|OV',H^WHW6?&=!'<'B M=#!X?GX^C2>J;LFW|@4SSV|SID-
E|O&EW=7J"CP^>X?'OS T?T6 #M'X MAOK@90J*C*T RL#7| JZ #XCH|A3Z=P 'H54A80>BO*CO.8O-
M(O*/+O^&G?)>CY:\$9C^T|??+62ZGY?>Q V=/(Z|P/C7EZM>X;G5|X MW\$PV|B54GSL>W?##AP|#
16U2-%/RY9&Y21W'@T2<%6?XEI243TGBDU ?B'=% M;2L07E99#2HLP? K|7Z %> > 'AZ^SXO 5|@R*B+|
4; @+*M;+7%|R?;(OX<&.TCZR7(YLO@BWS+1A6USM M
#OP;SZS6T;|LLSK|Z4|O@7WR"K)RVB:D^P.N|!"!(@%@|<9GD^OT#!<:OH MFFSW|3NF|GLC:|#!OY#P05LY)
(J:*O\$42|MS+|WST?<OF%L580K*J^W ME2?VFCMF|P|&4>K\$>W6AE%^7S'Y;W&DNZM::
|5=^5%O7!7YZ.UUZVK79!UZ 4 YW0@*M.<0 N7#WV XY?807FPW=+|SR>B<U8"(<|F5Y8S.F BUFI\$
(^A5;@%%"MMCL*U06J.CS:E3P%>(E0V^A3CW/|>5E=|7ETV8\$4|O74N;0IM3IONS| 1%MC)-) KSM

:04MU1?#H!6DK6^D@U5:18FJBA0UB*ZNP(F4N+,+! @+|M?CA?I!O>3OHK<Y(2 %E#/@(19E0ZZOP+^;E-
TI6L^W25_MJ8ZGFPL,HR^WKXL7_ESY(&RLADYF M(ΔL.NENPZD2/%,B)%
ΔU0@J0CPR#^=7&! M5J38NZ@Z_9UM3=06S:MV4J00 MDQCR"#MTA0_?P?2!2!7X)L<93,***|W
C<YGSB30E#US<?5?HC|"\$SH8HSD M'JV*G|<+O82^T^T^6M1APIOA@ "3)) ΔH?#M>_ "# 'CWR&0
&'.092ZTRN|84=4>WO<;F_8@_J_O/E7_YLX0_OAI>6R_U M%)R#B|"\$PO8.14KSBBN2;_#J<:L1L1!D,
V>|85*/O6S)E;*,2.(2_PC;(K?M M@^7G"?V4T7D9WC&V=IM5TG8!*7KH&9.G62"DUVC'6X87%G'B(;>2_0N*JIGI
M2*N=2C4USB|CS/HJ=0\$ HR3E>8HU*STK%6*ZGH;9RO(L6JNFW_!3R;KMU MHZG4UIS:-
2YM|F549O3.A9,+X|T/JC:B&_JLY" MV7C5BAMGJY1N2MV'44VIP_OIU%2*_)EK9!75FJ6,6;C2=6Y&+YA;6|4DE
MNR@S:4V1JL9Y%)_DHYZ*3;(E=7>TR@8I4M(X:XP2553/6_V&*58TOR9)O4:YXY/Y M'G:2W4(0!(?S4_168SPE-
BD))55HU8SV3K_1U(\$PKF%E=9OX?%.8V%+&!_1! MP,AC&/!,YX%>4_F:U'4!5&>DJV6->*A|?B;%X;
L@M.&_U2]*6*0OWPA'F5" M^RK+9TN:%(DT;.,B8(RS8"KO&GE.G-RFFE)W*U75K3@7_7M&=SO|&G;4F@Δ
M#C:1N8+ .ULISW^/6EH>|YU>1R|D6KYL>45_XJWL"7=WJKIMF;)Z!2MF1JR M"2
6R'N*URA+9KURBFKL6Z/S/EP^(>S,B4?)(KFS@M7KS8EH>Z_M=D&UV_
M(@+&C8JWCSZO|XN4^!^*7>5RVI.Y10=4V13H:9XP|&,0A^F>,>E=JE8KZOL MI!5DNB=G5.VDI-UO_KO&
005=(ZOJ%_2>C:*.6|O)"B7_EU&=P^<"W!_Y-U M,MM/_IM;V(*5JY:O8A;(U0O0|A|9*YV Δ4P+ZK<#R#^7
ΔV|HXBY%/LMW% MYJG#223M3K8)SSE@):@:SZ#@W*9H+_9SH#JT^M7T&#BK<_W^#T9OK(K-K>!
M"R;N:2VYYWX_GPJ_/_6#" IMJQ+MYGS;?BRF9OBXH;+XTKS|RLSOSY; MVY_X?HB<:;|L1_44^I>06|%JJ
|8.H,|>WPA_HRX>SH8+7P_J255K#_TE:W|INI M; &T0S1LB"X"Y)|EVJ-I;(P=|XIT%K&I;Z;IXZG&
Δ+114!%#H:V_MBYKFST|OU_*PP0\$C->|@SOZ=" ,NG(6?(M&|Y2'L"158D_G>|9TI9U_#_TW%_Y
M'CΔ|*#Δ;8O6?+0MSX.6(Δ+H3, NS7H;8 TSAO*IJ_2!WA=O&!FSWΔ|NE_O M_K"
E:SS0|OYO=0FA<Y9|_SNFSF>D6.T8|_KH' VUTSBY#_Y%C&KF/MCUX
MZK:Z>|;Z|H#YZZ69E46XVK|F1EO0?|/"B^&|U_9AG_2|_+XL+R|J|7) M*Z_/D03_ :5_P08YB>B%YBD.
|NRMVN3E'4NK#IE(IUD*EA#E:US@54&K
M.I?>N9/6:7BXJ5_"&AU.EYVE:47>REMX))F'FS+'YSC0(YE!RSMWE#8E#8R
MGI.SXZAE656NZY&\$MX46N(0.7R:1|M(%|WG(XG)_H/SB@PE=9U_IF+>R25_MWC77Z: WR?_V=
|2|7ODC:7|28|H;R).K6_-V_W""TG'S("BS6(|4#AMB!) MO^62BMPE%FI\$ΔSV>RUNU*E_DU#DDZ9
MS;ΔT:XAYH.A53;=KM>N0.ASS\$EABC#_!PWKEF|GY?4C9+*\$2%0,, H+0**95C! MUS9HM6JDM#
("XM"<D0ILDx&6W/S24J.U MV"B1& 'YSY22G;ELB_0'@GI.VN9M>Y#DC#.1!%8W_GCM?_G4B2HE_KD!3
MV1,JX #Y3D87O|J:H,YG5O6.12F=|GEYI<X%< OE: P;DU..@_IO;S;KLX
M9X?2%|N4FJM:|W+|S%EH+|S&O3M8^8XJ7_/9+|%KRN+3ZOYG4.%;|C>|M53L**\$K5'P5E?IOY19ZP>
ΔP%9XN9RS7""8!;OJY ME1AF@*V,YTSD=< P9SO!HDZA& K6LR_P65N^LD###)9N0(&HDCB|W|23UF
M(*|ZKYV\$0C9%KT9A51%;UO1#8P00"G??21ADLΔEJ#)(ZTGV%\$|AF'FL;= M2#.W0VXR0.4%_2;>PS4/
|:8RH&#ZJOT3R|TX@)9|;9"Z!6W)|@?D|CHWMC9 ME2=D_ M?7|BD(60*%5*|=+TT)\$G9_#;8T>
>+8O1UCSTGV1%>L(G>OCK" MPPPS;|T#S';V@S0KW>=-(.&6>O,V^"O?%ΔYE"1FYΔ4W|ZT6Y:OCOP7GS*
M) #4SL#!:0 ("B+;4KD6U|8I"0 #B@ @ 5_86OP92TR,#SV#;S M,5|D968N>&UL|5U;
<|RV|DG|?JOT/7) :.MFJE77Q);9/LEMC7;*J4B0=2TGV_M|N*(CSCGG_(A1=9RJJ? "1GR"\$; #DDTIPS#XXM
6!W?PUTH|H_#?2STO? M>B)AY '@OU>KPI>62|PJ.L%BO|?_7*S |LY|C|_946O';BV3P/RXZN_OOKO M_K7?
|8?S_V|Z>=>81W_UDG5!G|SR8T|J9E :2?+)^(@\$)|9B&?|_ΔM?V\$ M_X2>>3X)K6.Z?/1)3 @OT@|_LMZΔ
/GOO6WM|&N^/2@*7AK|_5^ΔO#CY_V M|H|_?HZHS_V5OK^KUVJ_YP_S0);(:;W9O?6H_1R^/WCSYM
Z|B|?=# MZ^3L_07SG#%R8L>L#?OU|_|^)=|PRXX_/VZ.C3X8=1X?_I_G!V(Z3/7!
M@Δ#|+ΔT^PΔΔ%_SΔB?|O;T?S8O \$T:2GR/OO58' KV>TW"O?WIP<+C OS|? MW#@_9&GO>0&'R2&O^EY
|E+I^AO_?MP7O|V;5EH^WX=Δ HTW^SDYJY'9;JUX MU:'8^U^ΔLMB4TR=(HR/L'4XNJ&
/0B&5%#E@" ZOO;S9'O_1WN'1WIO# MU^1^RK'20@|H#|Y0N86_S_3J|57;? OP=|CTR%9|JTW.
<|AF>R9(\$2OP_M3X/8BU^XN.%2S.R8\$",^A&3^XRO6GW^XU27ΔV;_H|U?MDDBSPΔIUY9ΔUM0
M^MGN61O'(B)QSIM8U|HN7:#ID0'DCL;.;?B+#:GMUIR>SGSZM9\$@*YVZ MH^TJ7_B|JZ>_B
PG5P_F5;Δ.S?86@3=G_MU_L9>A)Δ;DS"%HPI:V8"%< O2,1^>1W:#OLM42O_%F_VOJEU2:FR_0M?
MH9GX'KE&JBB7|>FLB_\$9S\$9:M@_(YVD\$9:"AN*1^7<|Y@M3_ZLIFO!<M?_B/4^5A'NC2B|5^HR)
/HVN'TDON()P@8_?(A#FIO=I;G^ΔMCMF^/8!5 MN+7O?34SFMW_(J"RO8C|H6ZW&A|MGGJJ(G04O"\$L7G
5_6F=F MAR|5&(+OFEK3G=|G|/|5-(6TZCME5MREW77|#+.<?O9N01J|G)YRX&Δ(D MO#Δ)3A=AW&)>O;
2)5>Δ).18*>S4_M<_#I=D_#F@6WZ_6<_*B+|M8)_M:K) M&/U27A"XA*@V_#0;N?|J65.;FH|3IP?3>
72|J%|JHN3V?UGS@D?Y99>);SX MPF"\$S57_'AB7BUOO|_0|A?O/MN^!2<ΔR!
M.V_KZL|SKZ>4VX'3'J"5)7|_CI=|N/4)F#;E^G3|SOV|H|4)U|89!H9%.C
MVV*H0?@H")FWXJYV8OL >X&W3)87A\$G|VCGXIDKD%HZV_U5_F!#ASVR3_9*4EF_X@70/FNZ
MGI79KOV@?H74MSZ=|V&A)=|3T_O>|>TNRO"=A0W+|+?NGU?;|9A2*#OW3
M%=|XU12TO,^@.DGF=N+K94R|UZFF?V8+7G8_VARBG.?.B6R?9|S1,.;1SHS^WH M7D"=1'L+VW|/1T|JW;
I^+M:CT*%51D" ">(UOK(C03L'D'=1WA4GN*FR|V+4&37'X?;&.&YL#TD#0?/GGS/O

M&<2MTO:N3NNVPZWLR.82"8&U2\$9G\$IF5/59%#S:-W8?B0T#S2YV-TI,R!H M>PSUYS(
F)T,*"2<@3K'5,AV&AN"@U8R'5@U!&-U+;T0,/-;|CED^WS MX-
L/K;#;,4+%N)40;F)Z70WBYDS"J2%W/I,PKE=4@;>;< 0LL9VS:TMV%T')>T04.\IS!75),SN *5D)B RKF"!^
MHWRI+,ATHWKFK:G-4- O^%IO BSY@S^UZ: MZOM=VR\Z,M89S)\\$^6N9SLB J#(!7W/UHR);
LR,*LPWY+FOK0)Q:C@MLL3+;!BCR7/LWKQNB93S9ZJOL.8 M)&Q)D I9Q&Q(Q2L(7G:E3;3LF<
#J05S,ABF^S @+CY%6*V\$4^6B=C8 MG3#YJ\$8U#W"1 NFMR O/HF80%PI2(-3V/-. '4@J8C3G\4T%&GK:94+
M&7-EF/"D)9V\$!&ST88J?^USVY^GC7=OK<49B& "X("J4? ?\:- #9S6J"2#SP=-7N-1E#3%*NTS2IP*(.6"AU&
48):S8 J-!PE6IOT0Y"9S-TH+XV MMV4:G-%#IL#!) 9Y(T"!HF3)I3' U,EYH\$CGT+!2087SP: @LLOD=%8JU
M#):LU A TC55B)(Z4L(ULSK2ONAO@6B&X/AHJEI#;?A,Z43CK-Z)OGI(B)ZM MJ:"EZF.IUD 3>RRNO-
N\AKOOUHIC J5*1V1*KST" M 4@4VJJK^, USOKO> MH4U\MY\$VZ!5-5P #-\A",5. 5A.E)3A?HC.
A9UL\$1 K"&J MJU2GT/3.C" LKGR7@+F .V%#LAP5Z\$B|-#I.H<(C4#(%YF 2OME%0PU30V
M=2;:R(;*3GHIL)2I4ZMO?U:W)R("14 Y.&K/8U*? JA"2);HBO\G)?W@
MB8Q9MS:2,OX\FA:AVSB;!%O\$*ZNAGG1HU+<=?WM4W:687UZ?,,P#(MX@
MKF\K4,*O).T#UYOZY>|EU&|FWE |H,-!PNPO/JOP^B6 KL*P43EU;SO
MA"W DI>3&O(^>0X <->H^X4X-)BHKBIV >76K D +>;HN+'OZP'R2A RN
M"PXSVIMO%!\^4,SL<%59GM SUV^J&>:2% A RCV%\ A% D?H MD "2?)N/3)@. "3G4%IX2B>>"&9P?-
ND6W:V LOR"!,\$*OZ:?(O#FGI,^M7\$<M>J)^IU:|7Q:&%IV#OPU+Y927)O+/'WBOK(JXK(I32 V:2Y \$*JI,4Q>I5S
MMO8\$4 RV(N55 ROOAVV9R7I6SI&H8;ZIO\YZ:LF^CD!IAJW#&6-^E(- 5I
M9ZS%FC(6*V9)&RP'D" -#9%Q6#X199D*/PJ:J, JJIAKJU+DE..(^ XMO/M% TFFBRI-G#CS,XM;|A7YQ9&-
9K@OBM3RA"U76D2X/F^>)<|"YLTNT@WKYY-U MFV0JA?I;
<+9FC|DBWPXN|251W5SHYV MFKJ74PUN3JM23 -/8AF *F^&OV *MW3!?'N3E=/OKTA13/1%59T&
74Q<|>ETB: />.S^8 K("VGO!#?>1;,%U-V/M(7#3XAVT!AWC=N,\$#?OR=6E* 6R6X4V^|2'&T#S=8#F;
J>H)?KV9(?">+VM2VH#V*3SK6<#>#3&W!;#;@ "ZE|OV*J?BTJ9ICPD)%T\$8NB9/FX#I -C E
M,R/R-XDWUNEW"!I*^R"RS@Z 2G:NR*C,R?VGO*(STN=-3;V*/6D!8N@^VWZ
M&N(3B6+B;N2?9NMD0VUH,OIZ %LS!2>|0V-M7|9G// -;K6PRY-WOXM28 M"Pa8LO-VUBP45Y-C&
LAOZEBH@J.E)DOR&*MH36*C|+VGRGTGOE'Y5M)B.)O9 0,-^8%SR>L(???)%A:TG MI)ZE2EJH!
Z&J :#6KR5"/,::CSXS4T7# 0F035U4'1#<4R6D>CZ@!HS.: M4TMI, %3" F-(A-(^*17M"G?9-X' JW "
LCOFH^F-EAZ5B'M,W2-TAO:0-Z<08VE2^UY^: M&SH>:F?BRIKG X;I;#CN>VEI=?0U(&#UXCWG!G2:
Y ZKF>'HLZ3';OD M/FR).UO)6I:YPWM6 F518SK MIS W/("WX@UIHS*Z AV4E/67535MW.9M5-
MY9FG\LO3>684Z*#TOKM&<%#G?,-%I+H^N50<REEUSTXUS,>BA/H+BRTKZ
M0;"P9(BDW/Y,X@?JGHMSR 6:4/PI(3QC3>%"#4J<@^C XEAR .: :S=7
M0RY)%PCSV3NS@)"Z+EWCBMJ9&1KJ*2+9VKJHU,7<SD6ERH2D2\$OMS@6Z M&@!Z?%=K56O1#6
,8BF<3,Q8(q?SSTIH7\$2WHS\A \#0'BGK&IO/ Y29RE M6>6O@>2/IDL+;JLF%\$^TRA2:;W)MG*Z+;X&6
7*;>><-HL1;PGJ4IQW3.E" M4JH0@G2AZ3BE?8+1-,8RG;'@10-U6
+W&4LW(&+W)U2A E(SS.63AG.NIBH) S5,OLVJ-*WMHV:IKW MS<=?7VPJ58?S|HY?E3#;|*E478TH>|XX?+0
*P|3GI=HYOH'H;N2'7WJ MGYIR)@ **VHS S/4/FKS@TY!=M@PS9;V+LW\$Y0.;^I JS:GGMTQ
M#''F,P2N@=8SZ*6>5 J: @YI&#JMI(ZE0MJ(A. ZIBLO;@,"EO,% (PF;:1
MD9H;@HALI,J'V63MD710(2*AV% H-J!#2I/IX@OD<M:(1U(CR,OG%W7D
M3ZLS@HV2)F"5AOIU)8M*13F5^01: NSF;U\$T@TP1S!*5G?;&+>S/2*^*!7 M5R(L^O4)TOLJU8:&P5MIC2")@
2E4<NZ: #!;XP;D#F#E.LDSS M\TGY#SDCB<";NSO/LD*FV6-(RSRF(@HY+(9D=?&J)6-LYN.G N0)<SHE-
MRJ #V8AS;9 PS4-TV6 +6#;TXITJD*!-6W MO'%;R!T&#GGT=CNS,,=F>T H0&)+;T?) "LZ@S!MEAS4778J^
(NWH4STG #&@ J\0S(8IVOG9PLOP;A:9>F@DOH MT<\$<E(W/JDP>GRT:LS DZK6EL
MJEW&: &@@OK'MRXITJM:PNK:&S0LH9JJD'E-V0Z045B4UJ"ACN|3Y9(&@EAE M3^SJ:E(OF1:4
V*D<;OUZ|SWMBKMSMA?. N8S(^*L;1521:D)DO>Y-BTJB M,H#IDG)0RT,2-(C56 *(V9IV#C-
FX78?>SS>UJMS.EMF 4)8EW\NSHN MAGC60W^";IZS@FR 0)D^OOFKATK6,7N5IF:O% N5I3KI8I> >
Y6JECSH M9716N9TI Z>D55#+@A %W&IB#BO% HWR4>E U; AV? M:C%<8YVUJC0:@ &IHOL2^L!|9|2
ZYIK\$FYO<"V0R(V"E#8JTGHI ZPH% S& MHA Y Y|O:EZS<75?JOSG43<AON4YYRL|5 #OPO2?/36Q?OM;
FH|A79-S M,'S'A%>+W""^NGK)SO +V W+ MA(N3.1*";PGJ/7P OX|TQ32D46;|XNR8
/7L&IRK\XBT>XA7UJOK'O|O\$?S M2|8NRAI'E&?+@='K21?@7X:AI<^6;*.U72IPO.>O=;!XRWJA!U-)A&
M=>M%973D>L0#DG\ SX|H^77J7KB1:L) O!J'N= M|MN+G2-O8|2%=F;:3)H8SVPM M?VD;
H'CW^WILWAU8##NP-T|@H"1" E& MZ"7&%7'&"B 7%B:HZ2NSMM9G|SR2*O4, MM.:RTC8+;1VWI;3
M^SL0,7 .FWO,HU -H|J+|A7BOPS3I%"G|192EUB1#FS* .4|PTQ^@Z)S|>M3:(SS^?ZDH3C6K;&GIK3#T'J
>47:JGD|CTEX3..0BSLT5 /3;3<1\$. MK*2+J?:(C62N9!C UJB MAZ&68)R^UX5(T|<#% @W92U22
MV;%AW|&#%IE3^& *TSA@RE|,-Z10^P(10%#Z8P@=3^ "JS.<K@D3ES
MU0?D0OKP<D9^KUIE5J<(8 3.PSX#;W3 3 ;D>>P M(!WZ<3I?0O&>.DCK!*UKN:%5"UI
MB.*H18B"2|82WOS;B 67" E&(M8" &%D(O%VC&+. "3*L/C30LIB"9Y&.8 K2PI M.(P;?A=,(V'8R-

XZD>%2,10(G^PSI;?@)/<*DSC8*?#>H&CW'SL5*ZV5?D M:N 9AAJ 72\$\$I7OB-/;:L ZFKW
O?:M@:~?65-9@>OF:F0;v;P<J.WD"Z^MF-SH50ES)"4NF&NT;I*O% [OJRK6
74V"/E<(X)I"/L#!2X+;UCI@+;Q M/!%65PCJ D08V>MBZ09/RJ3IP?/N17B34-;P7
M6C!)*9Z*:2R*~VIB^FAUWAW & (TAV)0ETW+O)+3UUZ^CNJ%//M(0V;K M6U.<0GEI'LG10 .O-DIYVHD
W"/>FE*JQ8RSR^ 9GY+^8&!'9T*=@/I/Q2 M<)#V&B/(U8)(LHG+
Z&&M+="P:2|VP@.TEXSY<:ZV<SL')V7:NP-LM&4\$3#I M/A9R@U2W;5DPJ("HA(Z&6J0V0^V.BFPE
0CLMM7\$3)^"U&Z7>EJKNB-B=Y31 MD.OD) OCUN:
<4J.JW(B.29NW%/^GDFH=X:F ,KMZ/KV%+Y <8(38">C5X5 M)*H)HSG7
&Z%RS>BJUOY/%I5+A?~5J"N^>YN:M;5;BT7CU21-&M^D)\$& M10"PVL+
P2&+X2CS7Y^3)DT;"-;| (7>DT/5AB-E +3<@0U" .WY7L1/MC+A
H!GBL4JONC\$ONZ.SAF4(ZFS;\$%)/.MM3M8J;-F%L%M0.FEK%P(\$5;5M MNH>UDD=41?>G#DX R!VV/2J1#>#
/Y9"-2@34\$<0) 5M,64:'Y8U610|IJZ MHW%WM!NG;,%TC; BWJ2P
=J>"9)"OJG2=*O;,%4@A(HZK>M7KX|@O|, 2X
M:SH!?:&JMRV*5ZT^9*V E%6TFNI73?6KIOI5^DO>5+JJJ\UU:~ZE?U*~WO
MG3"B5Z6I?M6XZE=M;~2JVE6US7> ;A7(ID@MSB28=% S'C!NSR!J B!A+@2\$5I)#E|@Y:PM0S24\$A^&
A"?L43.JC>"^ MI>5W(UXG3KE/D)BLZM0;79F5USU:WY=003-SIV-\$>5%.2T:DCC-C5XE"TY0
MMTCA+GZS0W%+H"~BZIGSS,YF MUU9%=FFABTU~Q.&S;+|) ?GS7Y|NYHX; BZSJ/4C^0>
<6JHIL 8I9BZD)9JL6)J3 '5W/MH(5J!HO*EW6H&G2Y&Y%">E0OR7, MD0LLYJM106W2X"XE"6KOKN8O-
B|8T4-N4Q|D|L|,0"M<+;,+/2I/5 ! B^ M 9W")U90V?L(PF"9YM**?6B(W\$&UQR5;4>QO# 0Q/|N|BWH'S-
I^5:\$% MOUIR2OQRK)#7H KB(BT 3|/CFZQS3-8|L=4?JK) MU8VI -14?J|Z:*|OC%^5<|)G6.WRD
!;!23Y:/7PC9J@DJ(O .ONJT;/M2XTU4 ".U03GRAIKSJB@|8I8-9C 9H+-Z'.L2I9#O2!KCO/K(N:*,@'4U0
M)>^@73<|V>^&)&RM)J6"RF(\$\$G|?J =1Z3HM|TS F; OJ 7'B*Q|S)H' M0B @,A(7WKB<9
HBP5=|KN#L?>TWOZ4XE#?;A2B.-=B!"3?F8JPB3MIK6
M:*PI9L!OPGIBIS5M37K.A.3FJ@,Y&.S01&5#VF|YN+; #ADHBXKO>T*~|EW@<MH+?+OR7MP5|WG|JR-
6E#OHOJ(?=, /XD;T>:7CWS|G'@/6|N#B6 M.M&2'D/O<2&-I-K4XMR/SD)B^T(OF)J-&(WU775&Z0VK7.
L6LNW=-:T%L|7OE&TP+DD.JI" T&UY4M*D' MU !N%?T<\$).PGDP"X+|JCDE;+KO'UTSKXO|RUJ
:-:??%?"T8P%" ^#Y3,E M&JU"0D8.AK>IGIO%ELDS92^,|D30XT.SG7 Y:/P82O|LB4^;>72+BI6K(78
M@Z!NDON()P2?D'P:X6SE'60UCI> .6 HZS^AK?65>|8:ZIFA0"C/%L" M:(XT." G&JNOOX|T.P-
P20 | 1 LA(VMOSS|'4BU7@@,XD+8*D >A|26L&O?=@3U*L3KVOM*)F@|ZDF2P %!F:N*^ID
M^|HH'ZJ;G>"T8)BSYO(#X;# =|YD| U?P<+TGSV6;%8534| /"%^+L.7KP'F^H(K(<T.R);3(P5'.2>;-
Y:8PINW4)*<MF)V:5|F(C*|=2|F(|94.S)C2A W),JTJE9"H+DA2Z4E<*K# %);U04Z
MJ&U45PABME+|)X&XG:&RD)5FIJZ=B2?)E2#:#"H:;|: 54DZS|HSU J!(, M+ FEM
5" &W56R+4>DRO2S4?;*6SDXJ.SOS6K|GY|<4A@AO|5=1 *S4?B=M7O M6(6D;?W!KHJH#3^SD2/O
/'F'G&5FT^XBV&WJU;@FT5+%|RB<|FZ1&@4KMC*"LSIFEGJEU&
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(|SWVMW+%6BP0W+@SECDI:O. |<DS<6WH>|R&U32 MJJE&9"B,VG#2;7KM6R
\$ 3(<%X0)U-PZ)XDHIC4P?@DGP5OY+NS'3Z MWQV|Q7IUM 4?H"JD^\$8!-0A0HS,F
TZM'3CD:|H)GB4(ROOAITZ'?G#V-;M% MR#XJJ A?;(8MO6D@D8&PPXY(EVK0 ;;VK-(RGNE9L.AAGH|
MMB#8#8<1O *<+MEI#)2\$XF<28P5UP0^?@O2N#Z^@6L)YV:M*+G^N&" , 12|MVO^V;1K^JR;O1#K
M@C;UX:F=>8O:RV-BX@V|Z#O(UT* SX !?AU:%A)0KXT>S-0U|O*0E?O X| M-9|F#F,O|
(5DG3"C|J2>B8|F^Z9C;L)!6T6%* ;WV+OWR0UO6 /8:OU| M4HZ+'^N^
-58JO/ 12?X2.KI:JAVZJHD'9*OPA4SH \0!4U"!MOZI:W?B+U
M2*&GPO(SSF4U(1108PNA1*B&9/9S @>GB WD P%02P,\$% @ *(LO2F"9 MZ0/-10 BTHS !4
LA:'E+3(P,38P,S,O7VO.A8BYX;6SM?7MSY#;2Y |7 M<=|UWL7MB,DI\SO?WZS2N\$(S)> M! 'J;Z^O\$N=W9U=7;
U":>9%"R^ (RW5U"ZM |7 ^#T3^|Z Z 04708X
M7+O'Y|% >A4MXW|%G|PU?H^A^PO%.O"O. A7|X(4Y 4M&80X06?O>A/B#),? M^(??HS|) ?9"CH|9#|
XX6 /V3V^A^A>8M>OOF0H| 047GEY^A^?ED20\Z|C-"0
MG -|2|Z=OWE+ N?MG^ ?07O |B OW|W|?X8?S+PL3ZL/OGFY4 P?9 |K&\$2-
MOJ? |^"E&)"NB=W+VGPmu)|R|YC MWAL8RCH @Y04|+|2D)3^J?3M^|.OWGH4NZ>%4V/FO!)
|Q+5XB9N;|;+LA MRST# "K07Q=>|S|R4*Q,FR60* SK"*|+C" JA;^F'WOZ)?NA?BC|?>PIX?(4H M)8&CTJYO&
|(*IM>VE;W!2I O+J)A6K>Y'E/ODZ2|6% G~Z"?=OYH6#E*|S M6E?|S0|6XCL^A^RU-
L44K*5KG).HG8DJ|VY>;N&| (7Y|,.*N*7C,R7-%\$J M245H/###|IL8"MF5| AOR VI X3J>U,Y)+'YC=
|F-9U47^,P2|N MG * G+YY6|CO?RG^ L)#|90-!9Z:~KA(UX X.HKS,2 O-(10FIK35EF2:F|
ME @+=5!00/9C.G|MLM.0MS5G7R;060 |HHUB'-40X4.ED.FS@S4K^..RT#&)R9: G&V8X'4:~3@15G
V8:|M/L)?FR;9|?H2VH27 MIM4Z|"ID8*"DUJT H)(2Y'QXBS,OB/#BPDNB(%JE6MRHB&U"IZ|P'3UR2C
MTJHG."?S|Y2/<|T#E>|GZ0 0/2))U<90|LXGHU5648-)@F19>A:;H#)|

MO@XM'3T8@!DHV899DP65/* !S0LW^+0JF'PH8T< L8JBML" A <53*C& 8F'2K' !2I^>KW' 75.
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HW'E.% "2P@N4GB M#4ZRJ0W1.)M%BTK#M\FW?HJ1WPI(Q E+%AV^K45C=4HHEYCH%
8I,JV\$Y3FE&=5*,<LCXS=1& M1'9"(I.UJZ:(I'P<-%*8:2A:6Z:!!G^%%JRZR@M;N9J!&W>9>H(30
M.9I,M&LC:4<+I:1" 8A,JS8P"AI@>+@,(B R M R^B@AN+@A0;O3ZM1%44;=-^;3QS"S QSOA#ESPKY"
/:N/% M5?1\$)LM=6DGJKOC3JOVZI)^H%K "IK!^S; *T!RG -1"/:XV#"?,+N!8':
M53+ =37*BV2T>PIOV=>E61LJ@% =X7*FK:(%?Z"V5JS3<9+RX<# 5^,439EM M0JJ?0761\$&6)JC@
M1*Z+PUK09Z9Z%?KIR9V#R5O'4&,"55<8 ^KK&7XL.0M(2Y4 5"RIX@*!L%K.4SOLOR;:WB1>EGD^G!23#
MMOZ+)F#K(A#NOGU?PYJ!>.:<8!#:6V5OWYJG S(Z:Z>:1D>+L3NP!I@:J MK5J2X+3ZK@0EDNZ28(G
L2;T:O,H+O(K;:/53N)DO): TCAPC|<2L*\$S; M*FI@,+K+J)@S7C)JLZCNW2= \#5!%;WKJK4;
NOCJ8C!0*I+0V%?BU#!O #. M V=C?0C>)K*)+F"-:(@T*UFG7BMOR0# IG70:BUJHCM.8RM(16?D *YIP)G:J)
M42FG104Q, #I2E:&XW'D)4%L4A2D2>ND&(A,76D1D#JA< 28:"<\$H 7)Q&E) MRPPG9W&28+9),U|>
(DBM#2@MY>>9*#V+D5)0^P<&J8:"JE*E 7M>.B,PIBF MCDO GB 2./HAP!2"B"DI7BOK\ 4@ &26
!:+@=(57#2T, #2K6:+)P#4194 MIP@P@5L5J-72N;+&&.1%H%K=7H5J-N(J5\$3H'DXEY0G1++ X05U.C
M:K4Y0K=Y#JSFO;VU+5EJZ"UO|P280@D&03CLAKJEHS2,&YH):IG3<
M,512.P2HIMZA@A0JD#KN(@I0FOY:XDT2^@FB3;>=>D6VU)"BXMCC:*UO;:\$ MRCD;.E63'
'Y&V(IYZI=X7R|AX|8K\$FO:2@M+=2TJJZ6R)R6 @0:N;IH8A MI:!'=V%0#VI S0HKP?JZ*#AP>2R8 T08|;
|S2\$40:!(8)#C3G\$O@00\$ -MK^R">DW4R1(%\$ JV):EZ99"0; G&/\$9@U/8RHS&7 P 4YHHJJZP(MPY
M|J38.H|J?DDV6O J9O05J&3 KCS.'HA*GI)+;#;CLX:N/F94#)A@H&O'IJV M
5:RHAfM\$SL4+U=6X710JY%KK6P9;6:S%;0IV29-U" &8USP'0H M)C@#@#HD=+;OIZ0X69P2K";V^O
O XFW2N,S.KO 4*C9I\$:+!" TY)HIL%\$0 MAZMTB)"J0\$?IO^C>CL2LYL^VL"!3HH
-3<0/2|I2#E94|J705P|Y4|2=L:!"!0H),R4D.#\$)
(I:L45\$7Z)@H194FF+W@AL ")CG&7LH(AD4X@)D^65AHS!K66'A@.0F S45"U(
M:J MG93G.S5N%VB|3SSZZ;OM^B&6V-SZW1:&I&J5<&G|" (9,HWSUZ48#>)S M+EW5BE+|HI%(
2!C2|ME" N7(DI% C",O3UJ:+OD MAID:HO\$**K*5*1 41+6|VMW=O?T-)"@46SA&
MB:!!H0 #H:Z(CO&A.)C(M5 MKWF: P9JSKST<18MZ#H#<0G+13TO?+LSSN2 M+5F2 >"%N2HX>2U6A:NCSE
GSFC&!0UT=; 86\$'0;V:4*!8+%OJ=6<"W"JAX^>MO2:*3)2O@TE#P93!DH*R ,<(HR*"EJ FYH34 8
&M,ZB83OV0J3 DL@J2 M+Z\ HTFE+M!E,AR <8+2D?^/RSU1.7C@7\$ ZPUY8U>7B7T8#R@9*JMU;9
M(ZMX|AJA#,8* C1#N 7#@!Z*TO@623|D.O(<@#B,2?#D.IW?#J M582.I;PYN|A:#V :A2\$ ^0%XX
Z*BR4BK^:2;BZOKJ NKA#LT GZ.Y^?O:2 M?YI?GU EOS!D)&)#E>B".J 'T?'5:GS?ZF>96&9 /
MJU>?OKOX=S;6BC @UGN LH.1;|B0/8A>B|HUG^()MA&;;|S!0=4 D83+!
MALT470Z"E +RJ:!*U=9<)L.#'+4NDG.@SDE2EE!\$O(PhR=*C |WfZ ?O^V/MWIV>?& C|^A14+
H>XR3X#2 ^%450A4%% 7VO-H#A!32W. :;+HO;*Jf M%X!|L0H4|G|J9IP"! H9CX1@>
#;0P!@:;M1)37K"XBLZ34!"M4NB(K: MZNZ37N7&3I.<%
OL|H|ZGK1Y)73(\$^9X"!I?L\$>VF>:#L=C8S0:4%LI:* M" M@"E1WR/O*A',W;ST3|F6U3GF.25?8J -I'&
('I09D71'AOX241?;!DYOOF=:; M7N=X&?B!*E8W8;3|X*JI(<@JB+\$9>N'GT3B|B^A3))DY8;3GN&0L^ M&
C|&\$1D@4'KYV68M*G*EXED-M&E4K*.K38 &*^D4\$SVWB|BHS(" ^EE|J@
MAP\$3<61<17Z8T|7G39RPJHL% ^NFXWU,K^D9TP&NL82|7C| (C>20Z1# VO M|F&3 /@@E>S'P1@|70E.
-B8*6D#4E%(@X510VT%|,WO9|?H<+0FMN5-UXR M3|@5W05;VMW@A,4V1GN=:F9W6A-!JEWE56<8
)7NIV|V?L.W.G." O58|M?MZO0:?)4.\$:JJM&LVASW:B61R1TT50:H-(GF I% A9J-\$:0.:>#"HJ=
MN -HC9+! -R:BG=!C5.#.AEE#15.A6,SN|2E^ SYG(\$41/D,6T)#K+L.G
MPAWD0|J>H9|HZ.CW#Y|GPS;&#":ZZH SZ(6\$^H?D9Z&DY' 'I),33D\$, \$
MGF%PUP0VfJDO.X61@<*3639 S4@((!F:N(C|> MXZK^8D=FN9+.)G8Z5*|CITS*!D Z -HXXM2H5BRS9
!2*G .U@L>O7)15+|J M.HJH, <)JSZUZY|2SH,159>&;5A5|, #N GZ(Z)82"X+|9!O|:RX(G7)BE
ML+Z3RR:R#SVHXZN#10S*S/1L8ZW@XC?&WPP, >3Q\$N1S"*5 M*:F2K8IB>3 7".GW 8LQ)7>M 4 MP6,WS|=
-6:*KX8!# +I.M&O#K>1A:%OLN&#@3)C 36-|OS&44>P\$*E'Y9X| MERP&&C91!OMDUW&JF|O*
MO35E.OH3%?P7C3 25A'I:- MIC!*(<0f80?KSE0HK*|PFHD-UG@8&8KI7>23^P4L#GT:Y04@OXW|L5!ES
MVT193YJ#D!>T^NFKA&N5SF \$7.37CGU WRA@58"4 M4?SE**># ;4?<:ZIS/LB:OV50A33B|?SY?"R6F'
^TOOB88A0I9IV=?&6#@ M.E#O-GY+,W8HCW MOL5^O(J8%V!N.D :f=@H9U&:%8^G/:;SH>A94.E-
881DTEW+"NA,(8MTX)? MX3C/SQ16,|N80;O63Q7:(^T1DHRWK%GZ'F"HNNOH+ #5|
MM!>RGHD8&A|3@I!)O5O4CR03%UYOPGB+H2RRY);SF70DP'<*X:IX0X, (1A
M"3KFS=0?"GI8,9INV+?YALZ,Z47+SCQ@U2YJ3I #@#(-YMIZN"EOJ"5 !UJ
M@'C|@)S47 *A99P@WTL?08.Z6&#MCVJM("P.C#4V(LI!/:^GP<2!^OYYG MCS@9,0+/@# %2XC% 6;6#S
*4"3\$N<#4VN&.:G>3Q\$!B^:|GZ|>KJ:H.M:2.SX(F X5|W)WXH?R9*W Y9C";=F6?S!FG=
A!;L!:-HY0K("3%+ M F+8> *|V|=>)I; &H<|,SW,@0MRX5G4?&S94QW":YE/.S.A)&;BOESL|
MWP\$S!"8T3GSXL?H489*RH M+I+2NZ/DW^EF\KIUB=9NL&*Y#+.=X0XP(MF

△BM6S6 &S C?VGHK6U#;'CH'J12&@10#Y&X-VX"L< "J0C4>&! K+XSU MSWV9IU3|.;): 0FWWJS6
MY*050 \$YVO△L3=1%&F%WF4YC 98K= 8TK%/7,TY;C/JK; *P'DD X735A"5 MHC\$7W2V"W?OD5&
(△HIS ""E"!?) @△F"XODO: YM;T;J TS.UR0/ VIKJ M*WGLA!(!*X
E&G.>XTO2H>80-YXR5TO!@W48+;+0:U)NFA*%6%CTB-VL*JM(-FRC AU/IOSS@H*)M,|/ <|*FOO&
|/!"(+GUVRSO3N|/2>.&A/F%KY|M# :CV402M OH>UDA>9>>L1*,,UZ^"N;P@S,EXS 8C!L>DH&LX@E IN)9
ML|OAZ?|S#O),&H18F6UOBSS9F5HC@ZK|:OHOSX"K);|6U8H|2N,3>T54!O MS845*E'JD418-' D&;S0EHL
|P0&7O<;MI/X@D-R..|HH.(A K9TAD/P77G M"OLO@B+ (GBH-|"
0R7@0UB,&OZ2H8>#PTSIRL>6I92P0T@8K^A2+E^V.; M8C*=-+VMJ: MS *",AHS9+3|CT,NHUB,#1KO@@-
O387&#GK,7@;O179OIKX,I MJDO5K9LMGJAN: => &?2!;S6F^IE2E9DR8X.R?JE:93% C#, WIVOAME|△2G.
M.;D&'Y/A!:"GR'USV'WV?^QC5?@3+G!^ \$!R@MOA%5^E|J/#WX* XO IHD MK#JD6'G|&D@E|;|,%SN+3>%6
/2P!P-TP:810OZ#|J.2.2-'SS +V''9VB M&?N)L/AT^P#C&D^Y|"">T!FLN O" A:|#S<58S>C .R.A
DBT95EB=XONO>D4@K:XRE(HV MS@X"%LAH*E73X8P!;XCS|+N8IMK3?DRB> R2 M?2 * IHBCX"K%
|ZFU8XOJ0,3-83/96N8U5IHL *8@;6ZX"\$8L@V+ :I&S MR,&Y4*65YT'JAW%* M@N8N|H! BS:HPS
JNS'SYNU4JK(-SS+@S UC-"|A.O2CW?) VNFWN;29 MS/2/C9<:ZHS@G*;*0G:2V4L"!&0>LP-|.#O:NXOU=""
M@5=>LK7#0|;)*.KF=6ST*, BIJM6&|R<"Y7SHKXT|C(28.#S+%ZO UZ#CYZOLOR<%8|HJGCG7H-3ZRG#
M:N;*\$:J9|(|#|ZO"MOI =*OE| Z@N!>WS@:'YIL9W^=V^0L"!6NN! TDX M+%AW^6+&5L*8 |N2"@/
|;@* S.G"ET&:IZJ,EM'RSJE&X?(AHP0"MOI%AM>J (\$:
<|YO;|HD<7ROH78*JAW!;2@P65IU48OM7, #TP4N# =+YLG2EM^?|V M(D+#+<) #:AU-NL,LL,F<\$
L* &;6O2?L0SH)HS(!!57#|Q@J.|%>Q|J.GC"BOFKTF6&UV&BK : WT8L @>+CANK>Z
MS@S?ZK+ZOD|OO?>BV"JB2W \$:#5NG6*PO26C!(ZU!0B"<9.2+T4!SCA9?0 MT46T;
D; 69(ZN2RFKMH9D(CF5+/@9>9GJV44;?846\$A;M/U%)O4^D8@) M3TP@M*NK*,S(Z-
GSZ,U@HJC*DJJ=HO.<|JU5%0H4O=%ICIF5W\$"|UR?| M7#NO3.*
("LO))KV: WI+9N@:E4IC9+RO63X1RY>RHNKIUIR>XG|J0-9&3 MO?;?|2(/=-F+YP@GZ6.P*4?05717
/1 *(TLOVM|32I%:W|F?/&LN=ORS*T^| MCS#G;|+ F%=4HBDVY*5T,H|TU)RV2 &.|FHS
|H;|:9S8&XR(|<|H:|N^ MGK"RC13FZ8; MD/5/H-VW4/DO7LVW|CF6 %|<+S ?>(SWL&GN|#-8>=Z,+#NK&
J.NO.9|0LTX(|S80Z#8TWIR3EN@?(L5!* 371SD 9"K".23W MTUOK6RMI*
(M13|;WF6E1,8Y26O G,ETA&JM|K8F3:6J32G8.YGLA;49J+@.M@KN7 J.:O!G,|U|8
|Z,+S@?:Y:|H&M?1?B.AWDN".M/H99;T|BF<6|M,8PIV/*& M 437*.HG%?3(&62*;K0P(>6L-0)*.3#&
RJ>8/3Z)%|2D?V|)&| "UFZ3ZC M8Y@HJP<&>OC; #08|
<YO=07H:R2BS:R>70GWR9/6/O<)X16GOR.EA"FD C M63#H&9T#<(BV:L25 NKK !A.-6=D?3(YB|L,D|S&
(V:L2J>&@B96FRG53XE M42G|!;7U3-FL:J+FS#07/+(R.+BC@?UO"L|XR)*F*J,@MA^8S+G/Z(3'M|
K6^?J6WAD/BS9+24.6NOKIZH^C=5W5V OV6|&|C (I^C>P@&..;VMT8W MAFCFJW,DGLA8M@ V2B4/DI<*.
(N!?. ACCI%:(EB)K-W9)J3DJXFT46&L0"H)R&UJK)&!X 5Z@&FZC:2H@C
M=W+;X|,3HLRC6|F^ DZ9U7AS SR|/%DPY-7+8>+OZ6|V.S5 3CUYKN|*&S MF 7/61\$NDPV |!;
<;'9OW+449|PON "T?M+TO.(@&|CI&K)WORFX13VH7D MM(U,ZP?)%3L,"+#|OO4TR|0K5P+K:|
YSR6|PY^5O'FZ |2039C6/8(△MW M^KP|V42" T<6O:50Y%523Y! ?R2T).G(#G^NM/LAOS%|LZJ" ^ 8|HP<:|T
MSZ00) Z6*H".B .SSG=HBE&6-T| C#AF|FN @*79#|/)"<).RAG+ "@D#/"@
M>+&<8NKY<'61 I;X9|W4TOZG/01876/T JS.A.(VYP<"TMJ2*YKO* @I^S C MYKV RU+^EU2.|R;:""
M"81/1A@ASG& -^7U-5LP^|SKR0GM;LZF%4Z(|.N;|)RXZ|>XJ+4+5F<M)%GP& N|LA54ZZ+10%M-|
(|<*(U|U|TBRP0R.D0T2" |B-V/9HT4@JU7HSV MG|"TTW7TEB?A/02|4W|.* +HR|X\$&-"=7DG-"6C^3.HO:NB
M;J6KMUL=HX,3.BF::GYP@.%O: /120!9MR3V<+>)??&ZN?X015(MZEDLKW ZE6 —4|Z,*
S4%(RY3,6?OR0%#;|@M" |L,J"E&SSIP2?>+VM Z MC4>Y! !>4>;@4.4L4;\$>JONG"FMGCR2 +P
OFN:%;O"GNBS:C%XV3U+8 MO6: WADTPJNG! .SD#) <59N62482 4)UE>3"Z,NH 009AG4 *(1)OO,|E%7N,V3
MKO|P0L%)7 ^: + 29-P02?3(3'MKNOE;)Z, V|U*OH%|H63V4%(|KB)1:4B)8(G
M^93UYS(G:BSA|JOK(WX\$SE|J8S3CWR4C8MO:|LX00>;GZJ2? /D E@|9I555?;G MF1>&|&)A6=FO(%2
L;VE6JU^,4X3 *|F|"<2S" 9O|X|V>"C(T:H^D@K5=7F M)#I 3D! 354US&C!K9(4^&@UFY|%)K9 E*|#5T:
|OO4*7N7D;|P&E+>?&"SS|A4T2^4R MNZ6W?-O""7?+!<!.TUX|@X M+6 *Z1;M>:|.S.8|".O:<73S:
M<=3THX&|%VINHAECWW+|CD>I50", |E G7H;I(|/LC3'9S)W^F 8>?K4
M?+L'8R;^H//9 -*H3XT?1KOJ7P:K|X3CU94|I2I0|Y(#:A)A@U0"U9 H
M0OKTO: ?S@;|PBO:TP)SN^IKV|N|9C8QO *;384W|4^0BV;:E04Z(@0=L AT!&
M|,5Z\$9;C(LUL;O|JE?86"ND|*IF^OV=3W^V\$|YV5<7J COPJ'L'2MZW6H;9 MG(T2=C8^#&8\$Y|H62)7BZ5%"
(EY9)88GM&TO2O&:"!S%R<5N4>"D63|@B M%|H\$6@BJ4*Z*%&N .P>71BDA)|ZDH4LWA.RP'FWX
|+|"FH5Y54" ^SZ9Z2|T MP@|H64/|=|FL9!@TO5P|8#76AFJ*7!OXL(A%7F&? G4!#%GB%6TP55G7; @/9
M42?|B.G&S)EKB;>"C=RRVH#VZ#O ADFRW*7%(|H! 2! IOIOZ7!RK!;|2 MJHBO: NWT.K; &T?/8"
|F^7S^ (O?^P).AUE"Z#2A&.5+OVZ|H #WP|Z|9&?HCLM@B@,LJWM+;SVEPIB'/=ORLEFWA9J?
/SOV|M6 <ORXF(OGA B/U6<1SB8;X/T MUALSXLZHPZ0;UM#6?|=@OW(NF:

<:!C+/GJ<@UACJ7#?G)"> \@DM2@@@1/5<+ M"B9 HW?(4:./N=%\$9%6N|H0?/(@K9L8 \V%L
ZOP1JA4YHH/*1W1"76^PE MJ?9UI"?WY|O<5.KR5X:WX?>5|^\CN #C-HKAIOY|P.-I9(NTM AKJ2+JWT#U
MC|!; G7"XD.(?0G8S?^A8<)UI|V^00?1#@J,0H|>8UN*JHYDB?3B\8TAU
MC*AK:4%HP"XOO-TV^UE-\YBS?7U4P3;: RCU@-DOPD "ISDJSSK"<"(q6W M>/CA@FJ<9Z@#W@51
/3(#7WP0EK?;J(C6:1A=GB^SE VO8^UBI(Q>*TEL 1MSY0JS<.,S?GLT5 7;L3M! !8<(/E,
MAZ\$UO6T&SI^+,\$F7GO)\$NONI-1-3G@U*,R3Z2X&7+*#::=-C2I6E^EYAOF?8)T6CM|ROH *|X%=-.)YX
M"2@;U8(3\$+|V3@!E>4#G4 E|/"#2ZAHBX"49O|ET;&J|+!4<%5K7(0XW.T MS:DSI<^FYS Y|FH|F'FKDCA
".|W#VU;PWC|JU1YA" -SIKB^L.8&H"* MA9OVE|SVWB?=-SZNW-G#S" MS+.'X4CVNN'NARS>WO-JKE
D>G|+<8^S|.#! -ZIU4*U/OFI0/L^C^ F?^ M\$|..3^?G*:X7@&8Z6.P/U| "I9O^ >Z#>|3&.!S(Z-
CDTMMB|V>WN.A2J4 M.3Z7L6|3&|9O^|X8.A".O42?(W LYLUN-XOSZ;K3MB8^45|N Z8>I?#
<<#6<+Y+V|YY"E0 M0#4)Z#I88O1E\$"%>U;|LNLHVPXMH|(|?3WI^TBM.|4.!B7L\$; M7>J3&4JUO(|^HBKN<=
<^<#MDG&7@(|2.L63WQ84|Q MYIL/ K|A^14V,RSZE1Z /.(U M;9?E3/C|)054-XRZ?#W&%F1>' 3?76|S.A.U-&
O|SS.?YW+O%U&F* &M|..UFC|MJ4M?|MN.H|YFSFX%GX,*3 W(7A MZAV 'SWZS:P661|H1 TL#&#*
|< ?OSOL+O|H#6 !A|AH<^S|A^D3|/89CE>BOT^"3.A6|5RW F@/2, ; MN NFAIT< 4Z|Y@-AW:)34<#|5\$)! /FP
^|H7&F6+|QOOW8V;.*G4UYSOV M.;)15#J(&XXC OXH-O|T?2&A|0>|A^6+RE8O9*5C^N|A0:K&+6W/86|H#*
MOH;O^|9|=7)4AV"KP0WEP%:JH-J#Y?/*|@C 8OG4&I;|3! M07@B^A)|L?ZUW%|J5RX\$JN-
OY%+NT3UV\$BX* &C5(1%-'N(4N|EU;OO|LJZ MZ@/(4T|%33ECB 6&M@AS@|M83@E,?XMMO0|8!4
M@8 AO=0%W0|H>WF6R M4;MF !L|HZ@)2Z"VS2^6S/>RO(79E@T2,\$C"(WVZ|B|T: ATC|LE8?@GN
M!M0L9,+Q0CXOT|JZ4:JJ.&*/+|H|!;T4,T|G@V60NFT@,YY3-I|OG0L(M*!|LS9?79")7V5XCL
HN0;\$&@*I?X8"DK5(;"/, <609=6 A)F4 Z3|S@&RT
MO^CO(ON*B.F?:D?U3E|M|VNI@|J:0-4M7OSC03ZDZ|YDOZ..S.8O46VF&+I
M+9F;"Z T"6<*P;|PV|SLINK7Q|^6P3F\$^FC9IM8LBE40G5)^K MB'^+JD4<-% W3#0F9R'^1<SLV*
P9K7F37H94GL:(RSFS>JLJGLOR7D1B8V^M*7I5F4_FTK"1#BC83K|/H| *>SB(9.ZX
|E|7>^8|XD8-XOJS%|A|)+. MU|P^ON4(SW'F:6SZ>T@9E:R1)OF,0QV\$@5XB?X:H5O,9UAI-^4!(BGT*U
M;Z%35^X.S9>Y6G01<3CA?;*J@HR-CA.L R!|>*5ZV4X|,H0|S;.*KK%.(P MNC
T4|N=\$AP/CCV4KL ?8J;@P+J573 '1.7(|-KEKH<@'5SIR V)V00P.M MH+DSMW^A-R2K^>OD%N3!|
|@JG#T^N).4#|MG67(|@O:X;@2|*4HP"X)@&D
M?@5#!&WDG|XZ&YK+@'OMX<&WN!|I;|SP03&U#AX&WE'X&VI+H+WV9N# MN |TZPMR4+S|D
,0NJ*9 Y"(|SW)HP!4T;^ V1W|OZ VO54 B=0|6D5E M%F=>J,OL|Z>T \$@JWM%EUWO2/ E+;ME|A|
(SP|H>7KH09W+|J"BU|J.EF M?XV>O8G*8Y.O=K?|LF_H|LG?0SU3D?(|NZG)S%_A|R D|3PCB>#UNEC^I
M?L+|/"?YU|PC3G@|VE O=?%9/UZOXPBES|Y* &3L*ILD7^V<N\$EB^A %>DDZ
MGH%|LT3GRS)52|S\$Z74PVO;Z9 75,ZCG 1Y&:K:15S(AVD@,;2 O&Y8)SH M2+^02YF!V S=VB&>3*WJ|W^H-
N5VDD9%>6>9IBHNV-R<<=&>AEZ85&?) M+>SE2+RS@Y|)F1?YK'F?TW5 MKWQR%P,|V|H3HL?&
|EP4,|+>,\$83W|UK:SO7YY1L8,(/2#H)ZKF^N(5 MST',9RPW2YQ^|),DP6.R;J>: 27K6X:=-,|W4)24+&|%|MT;
M(#>F8,9 MNMFTW & B7 \$2!#|V)U|UF4C+8-/A&:C>V""6DX O M=|TZJO%5;|GZ>!LG#;E,NV#;D8@7+82!-
NUFZIF-) *4#|Z6\$O^|O>0GR' M?4*:1% ^A5BMDC=(QOOFGI+!(^4,SH'W|O'ZGG3T^AN0(%7 3LV;
MVKB;ADR73EXT.#P8|K|O5NE5%AK262V830U/(>L*0<7.'FGO*A=8 "U5\$C M")N;|(OR+C&|/'1*F3=-VJFVI,Y'
|S770?88Y.NS.GS7)^6/KZL9;ZET7L M6^M|ABVVM&#?EVWJF*@J7*^B/*A@0C4N|H|GTV8&
|9%9OZ,7M1@VYM|8Y|D MF CV>SF^SU CF^?XSSES"\$)IW2WYK|T|C.&BK*7K6< 8S=|5X.DP+IOL9
M(7@7C| XUYF|J&-1%2(1\$0F^H6B4JH1P*<"O"SV&0F>PCKH@F4?;V.LR)&OZ6FHPM,82HS%RGU.Z/8R
M3!YB A&3V/(R7*CE692L;K? D8?;X7@V\$.%JUC0U3C5;=O%#|J^A@:S(Y6\$ MJ"@
@*T-RGR5HDH?KA#DGM';&I|MR?6BHS,YIXV|/3%3^0.;),P='&..??;%
M?ROD|H"OEC\$|5KFSXID+<0W^CEU R1?R&2 #!/?X|TD&>(U|A&X@R%P3J@
M5%E|@KSE,@@#PD2(X^<QRF*Z7G&O#IOU,@98^X2%"P7N,%)41+;TU8* /|ME6X5LKVYA#CH&L7*MS?J-;
BW%(?EE=1:2<)K=O&'@;^ O2 :!N.1?O>P^MSRY8&NC0QYZ"5HT M,S+&?>S2R"R8CS&A)X1:N<;6W6
MT62ZB9,UWU,K)Y0JE@|KY&M|=YH0F%8^&2,(ULB:\$ 9WFFD2""N% /O<MZ M^A 4(*OP^
HH%E_&|SBBX626|UH%(|_H?:Q|X JRLG7T?YC|JZ|Z.TW2=#V M7^,2|T7?);7!,-:R^,|4R.TF<4?|4ZXR-
L;)X>IRI?A(446^:JSP^GZB8WV81;|TTZJ% O^MVI,(|)R+GDFT(B=Z|6^N(E^BCY&Y ?|WD |KY
?/ RA#(|@%XX;70"J|^M|>^|V X+&6*1E26V+6LA^ZOR0K|P+,+L:4 B(7C":\$T4>2S.M|B.92,
MJ:VC^1J>,8!%N"7V0|BI |S"X|@F M+R MW.>|O|+|A2,,S:="!GT#|,6R&5 MC>VIR.KG @|D(;%J9U.|L !&
ML|E4 OKEGWWHAMCJ3ESU,*M*KSZ?=-Z"H(<).T.YS&:C#FV:*P5I?U?P^ M8 G3Z&D>9IXRRZ9-
NV"NTDS|(79%.GCNZ^ (^P.L *2F8MOTJCI*3?^QJH M7=|64 /|A^|J|,P63T\$;)UN6=Z|&@)3,&@(|T2N|^"
(DTL!"@5E#K"DH\$2-U MFKTE?9R%R45OZ".%E9/-"LJUI C"IV+'CHG6/&=8*NIGF03)L#6ZIH=67
MML@LY|H|E6OEO5H8&%^"K:|S5%G^|J |PKXN"RG\$BM,-|** 86C.:@T| M8VIT&
/(|PM1 9|NHXR5+WKWEQ \$(<\$09/B) 'DHS K,\$(F |@S:DW|@P&; M5&T=W/X|-R|^>2;
7#M4 E(%>T#K9+8U9W2.L8Z8T MY#L0E!G DBV<33Y|JKIE< PPG-FLSG&F,*839RV^P"97.D.G/W%|190G-"|

MZ,30^ICV.) AT:RS:NAAM5^JJ*FLE#KBIJ8TO\SFZ%1S8B0?CJXWMJK MSTI0G;N^VO7(FBW^D:
<9.Y246#B+RMMMCEO;O&P>G:P IJ+\$P0W:BMB:*I M7A-6I#8IT9PIS
Z:LYJSEWD2ISF-X*Y^2WIR6#UJI*LPZ3\$F5^UK,9DMZ@2^J:UEOH;O>!,1QJE)/4EGBM*HL
MX7(P%L-OTIOSM-)(@M;*HF.)<)8+Y
3)LS4MZ?;7H(O)LM^AJ6^E4B18;:Y347Q^G-.B@MCMLUI+,LAV*X+YB)) MXD254Z(AAM4?IH*
X*RH KBB\$R^C,MI -!N?+(H2HO1>U,DCB&LB,#5:~? MI-)9-9#07;&(;09.:>U)2C?K&IVU0N-
^2(\$5B-O88\$RH/B0A4LAB\$F#!X'F M2#C3C-C@J7-O7167X-BW/ ZTB
5-C18XJOH)^PEYEV|^+P@##"J39T>H!*/
M:O(I-0#Z,HA8(G-Z%3P) 3U?I^T0X"?/1:2%?WUJ-GBB!0PNKY|L5:7GOJA;75Y&?4 VNHED4D>%Y
M2VR9+YE29,7J4M6XKUE(RY8-!97\$*Y+ST3I^N%&">7G)D/UJ4TER,P/N M-GSDUCM1UA=
(M%,M-GD9C9@T>M-SF-(K<%9%0P6IMG8KKBK@@H-@1NIT5-M62P"JH07M6D\HZ-C
Q6^VAU%&-E,3EZ0*\$O8-RJ:1R>;>XC),S+WU4JGJH M&&#UC*+VZIV=-N4^FLU3M@3A+YVS2OT%"9U#IL&
!S>T2NI&3CE-#?Q&W M^NIE^";T?%TU-BX&J^VCU5;3204?JAC=UX3-T^UJ T/7I7UE>3/N,03>SL2
MA@4?RU8+I-M4-I(5I-EI0^136MT984X5@>A*(U0+O>'8JH*+0@7516WHU*;MHC#O5^3%YO%MFF7,
<IV-19^J)R:UEWOHHW5^R&AA:M;4-5BAI@SE^ME%&ZP;J0U/FU^RR9R+EKR5NT;|L
"D|L&&?)@;F3"W4I3L\$#;7"-4M:NK?OZEBE(%I#^A-8V^TU1U^KV24YE.>SLBMB3PB=YL'F;J-I^N"!A6AS
MA-LPJH(M-ZO%H;9G<4K>7JZKS+I,TO5EZEB-TEH|>4U*"7H|SCZ\$UCJF
MH7?I(7JA*4SHSI!9W31E:W+KAF|6A/I\UX7@/01AD-8!5J0"U+P:Y833MSAVI: S65.EH<9A;=+&
CIKV^GIZ6YLF630I"Y6LU%:"&UB@GO#-0D/(Y(2G-M23EJ.;;"8QPN<)+RR%/6B(SH);7*"LWM5(OT"
<&,TRSI,Y!FK2YK%Z,9S-MZ&1S8ZB(KZ^H2G-9E14<^D1\$TD@J#HFPUS55\$0G428YGUXI#)O P!<+O-M99
)SDY0|0E4?S.3-SJ/R.^TEK%BW,1GL7#Z"O;ZRJ9LYC:TA|JB3BHM-MT>KBA>X4R.,+@A0-
ZAU\$^L-%I2H)74YH|P1L9RO;7<2IM|P8!(+?3T^J>A;;ZXI|7R0'GN,RP?(FPILO6!0>0=;573R>M98
M5672Z)\$\$1;M%15B4"\$3)?..2#-HRR|::L|-H0?Z2\$+2L:4O3!+H#NJE@&'ES)I(00%MGH58Y^X3AH0-
"O)HF?@>5-?A^G)GVZN(;>9GP1?M"/KFR#*R-^JDA6JMS&H/B;+|
P8?(ODB|^H7%0*HHE#7U+9!"Y?H5VLO)-@G9?V!4,<069XMPR-MO8|G/EE)31-G.B4;6|"GLE25;V1P<<&
Y"K&*^TD"O?B^!1>\$\$E5).S)S-M4BU*F2A8^N&*9:.;ZIS.)0"*P4B&|/0(E7AP'J&X;1+|E|"J2&BK-%D-TL=14
M^R/V8-P^OS15KPIPIEY)%@*107*J|I&4ISU3%O:0\$^AKRS|HWTE^MRH M+|N%*D-S5LD-Z)SUY(5T?N.
|S.W86@:0/OR X#!(;&@)^UX.MNS?ZG).2FV M<9:D.0&KG^,P+?W^17|S.;^KSTZN,D(OV<5^O;I4B8"-5S
|DI^3)CMJRM5 M^L*7PUZU9074;?V5EDR?|<#|6:<#K!-V^|C|O|HM1C%WIG;|85,5-6-B;K
MXA|L@TYB;MCJX^8Z0C=OPGJ;#TU)K?W-UE#(TT5A)O;OF4WVS0#1 /2V M2>^.%G3|6^A6?N6)VN^#
/E#TH#W%.ZK5D3Q# |HS|^|=VS8WZXI<IKG!MIS^IDQ\$^A)JDYU!MO*;2<4)*T.XI>+9;7CE97AZ!|6
MYOB>HVV@:S.55H>|T"136+N|TJW,L<4JT 8S(YV@&2F-|SSW9.L?X:8 M:+#\$P" N+);4P;=
|7CJF%1:72HFTJ;GTU&LN&H;HYP9\$^T.8"UAW@M;@Y0KH.;&TM%TX-*)H-
ZX:H!GL?+8IUWEEGN4)DA47?K|C+PN7PA;|@*:"KHJ|Z0A07 M<(*X"%3(*#UR2NMI.'&77HCG2UZD)
H|O:DJGCW;BEBX XYOG^,Y0@Y*T M*U-40|ZH!P 73V*^H*G(+0?%D6*^XK03B8JA"
(B%95B42G7|>,C59X)MIN M+Z@SFFV2(*PW0K TAH*A%)A Z*M-PR81,1\$(B:S:0,N%A *A,R<U"FX" M|G|G/
|R>U?;8.A368@*@|H9;SGJSS|A-S6C\$PN|ZW|CU/1,*0EDNEJ<M8Y^I,W3D&XB B8!>FAM-0M4RCNHCG|,=
Z|ZY5"|#J#SNW7OW?U4)#^(IYMN^B^A-PF9+U|S.2-9;?!UN5^VMIP?3K89J"CU8)*&"\$16<^CZ^L9M|A7I
M?#E??HAIIMOR\$@P64HDJC-YM-1@.LE(2:&+2*09Y26B#?2ZE8G?80WAZ9 MK<@8IMZ1<|J:#TB%XY<8.#
|SF7YSY;RR.TCS.O"B;IUCHA(:*"VO4TVH MRE+IDCD&W|A^2E(XV3+AJ+R46>!!DJKZU03GVWFM(7;
<|H4;IH|H)10 M6EYGFMS'&A-M#C?#;@6A|6%P5WPH@F #?F@|SO?=-N|9<@/K?QS-GSH#YL
MM*+*TG?JE!5F!N4#W7X3^<#WGJ'O-2^U(CR0-HP18?I:Y4J6O:@RU^
M%SWXHT<33FB|O|XO8XCMM.HZ#4+92>,E%1>I;S2|D?J?KLF-D3^7?R+ M0S/CR% ^/U!+P04"
HBS%*HKK5!HO"&8,%0&%L<&4M,C O-M-C
S,S%?<)E+GAM;U|:W/<.)+@|XNX|#SOL7.19QLR-9TM|W3MU^6HT^O MLJ25U-TW|5!D:@2HEED-1^R-+|^
9!5O2(O(\$B"LE2S0>6@+?"1F4C|MI-^?YI^W2*)O/KXY?OWWED3A(0AK?G|UZI>CR=>3BXM77I;|<A^240^
M?A4GK |H-SW^:O-WM?OP=>>>4I.SG|S0)CB|B:?)OWI4)Y^A7TA,4C|MTG-S?O.C@O.F.<12;V39+Z(2\$|8'
|H?-(^O#|P?>.C@#K-D;B,SE-O;U8-MK?N0YXM;|Y|H-9P^AM^3|C-L-9#EON:%&E
5FM+^F.O=OCW|X^H ML7?|C^|SSV3L^O7C|&2*G?L|&L#-^#?G;XJ9O<WCW|MVGX^A03O^M-|
/VGY>9^L/OGUZ6-VOG/ZWB,9?+W/L9|A|XNS34T9?E5#|O|UTDZ M>|N|OC-OR^77X',2;V1C|H^R
M&^?+,%9K+!^(RWBZ8\$(R?;O&%,*N8DSB-O M>;G-'F^SOG F"&4%CO(273GU^O^?S#I8#PS-X+9&
|^O&"DUSN^A^UM M^ME/.&6 /A"29SK0.@;@N7&3OD1^D.A.S|R JOSYG!0-3"&"S;MZ-!S;SF\$Z9
M@IS-|2H9.3(\$@*9MKBV4T2T8"2C/WO)O4#|E>B%X MUAPLYLT89S-G|F5
M9N1;<G40:Z;OODMRIB&A(R*Y@-WZ5^G'S:17-V|O3P>|PIU-M^FI4YWR0D8*MNO;-
<6P|H0S|H8"4ULP;V)V6CS8I#Y;#4Y+|JN M}3 XI^TUDS90CO X8B?P;B(NSS#UFW^A@BXLX)RG)
|HN8FW7FM?GLX| M^/%S!6E03+2|G^VOUI2EINNXM;JFV WY#;>8U^INP@:%-"HX<%)44#Y)#M|

M"J(B).%YFLRY!6Y\$ CKZ9F?OFSI(-D70 8H1^H:B M+L+FDJ5R1H(-1 M7 %4'WS,5K9 +C/ED>DZ
CT88ZL%7LSFU#SE#OH9.)N4NNBUSD)9BV"DW-MQ/8H:+L:JSF2 WT0%TU6GL.R2+
/YHXH<^/35.19&.!95LP7-<7;"G 0RCO"
M4ORO(OBSY9;^@40?L.Z.;+O*XD?FU9+PEOV;TH#);8/@25PHUA^CNWJSO6 MOM:I<D/;.'S<7A.V&7+
/GOB/8(-PL" L)IINNGV6&HG>2(MSS=Q5/OPHR TIO-B?DD8Q6 \YSJ86R#:^UOVXK;&O4 PO@KB!=-M
V5PAP9?L M%OM3R% .8G:\$62/SHIX@S^U^S->IJA*.O2 O.:O^S,B7KFS5U^C@GX)?Y0\$ M&R!"O
@@276DXU48WU2P3NXS(1+A2+ GD1B^6A+FSJFSJ 5N0590D9"5/ MDL2%(1^IL:?)J!U MJ9BD@9>DS!
(RCBW7) @00;:=135B#<+D7H "AYHM!*C*3L1FY*R(ENB0:1. M70;"SEEP0K@IB2Z8UCS!WE6:;
U%.BS8WOR=6+H@/TF1D#T XF/A!XNN^67 M^B*.^CR 3Z)NOC2& 'GPRS8>=&+ITDJ^V<G"?M&
MG)&0 Y0ES0UYIM2K50+*I;R !K/14C97 Y7KS427-JF?G80.%-D1S/?7W"1 M^S B?)L^IL1<:K)707K;
/6:<G.;, @H4XTDHYJP4S4- GMK9IH /5'B.4"D M&J-3J;(#JM51N3-5"P)0G4+@(\$?3#7)!?NOR(U4:B-
I<:7#;F2<: & BJ M@X0+Y&29542:?)\$(YR/D?D)2/3LZQCH+*2H(VT!*);#L7/3'),N8SZIV2
MYCA7N23%'M!) V/; &^BK9!6=-:BRAI*9P%QLDJ.+@!K/4RHL V/ O8I!
M/^+9IDE^XJ?LXUGHDO+8:5@TYUEHD"/2J@A(F) RE9^#2LJG0J-.5.DPOW MO;N8,\$F),0ZFG!:\$E!7?I@IR;2
/4JREMSJP2(C@XM8S5<"-RF/JP8M. M#&OS9I!/"?MC>%EB+850@)#
M/E+ B9T7Z#%&7KK%0ME@+>ABS18ZON0XL70 8S+ CIS7W+N MO^T-DW#93HH- M^HMY(8Z2IV1*
ZKP)R!SP?EH R&4P2/LIIV\$(0#B'K,4!O#UJN5 JH7& M22KJ, O^B').MD="^6@M.F+, IOFV6/7J(N;^\$0GOU10-
<43>E D/%YZEUPE M<N\N#;/RT(EPLYX1@H;0:5>>7
ME;H?&MFXN?1^VYM+WE\VOG*XR72XR20QJH>;3(;>3!;Y<+C)=+C)9),7AYM,
MAYM,%C(WS'NZ3H60A2(BN&S###DWF.R>JOF#N\$S(PA&)E9MH(O\4GI/(< MNXYV(7FNK)WT9)J,
'B9-9%EA2FCEG-8 OGS+L*B4#K<Y?ZFS:Y;" Y465+""BPM60YV?9)&S!0%JDC:IVD>M%M (1GR
92/62WK)U%LOBJ2CV@6CP)RL@ 2G'J03'.I01=5X5EW8!|I>44QO
MW(5%PY&&3FEIOV'E:BSO@S/B^ZS".8W%PPAG8T*:CF?M!=-IXIT#SC.\$,+ \$ MMILTF9(LS)69YT2U,
/5'NHX.F3)&ABL.3MPXCS8>.N84)HD3JCV;: MZ^"0*8J
5.#!L9J!GN1^U"0*6.DV(ZI4(E;:9I?)IG&JBW'N(X%F7D/;>OP
M*.15R4MS.&C:51SV6.IUC.B.AIUA9#50#;Z#05MP;JL8S M(@ _^OD^.; MG .FH?X(EI==3)C-
F&=&A1I@/S/1?73*E!U&S,3%O \)G3UPG!Z9,S8C M5P6O)
/F>M@*@>M4T7EYJOU+*OR,K@S/5N*^ZSGO&M.;C7:IT.SIT;. MOG:29 1)7ZMX%EOWV C /U7P-
WCW/7U Y7KUP=21O<20&C@GR3AA,NS!OJ MI7Z/FU>DGPDY-^7>SOR2U'BK/G,< 6 D3?>F. HSV
HJ00EPO' MOA650#6/(T(U)I. 1-8+7Z&T-Y^ ZLS.*8IC@:2CBHXFFFNWEJ& 6B M!
ZF;13'Z%CS.=AU,JV@Q18XV!+LS&*CC.RI:X3>GV8H8=-!W^Z4OPZ+JEG MN<|A|>\$5.4 XX.+9O+4:Y#|ZD M V2
P/M8%0P;9.3!H)5C9EODLDYO@:HIV?D9#|/"3.1%O"-LS,H3KR1J MI \$IWXZ)4SRB4JFOZ5JK LNL
& M#ECIB 0^2S(U%>93HM4NX^" *%I+?. M14AID%-W/B?? 33)566/IVL/A6*Y-SW6%SF8!O6
M=-%W(J 72 \$#:6S)Y(&-%,5#O18RG4IT"#JK233^/LC*Z5&!%1KN6.F&@8 M>P"5SGR<%D)^G3^H8FB
J<|K@P9I@TZH&9;%0HO;>-NF M-IO X#@/\$HD^BS'XPUMD\$TRX/SI@U0F^4:Z;
O!OXF)#K>^XAPBSZ^TJ@-2%H= 8,LCL\6V@7DP#B-N(?!"\$R1Q0".R M<67V+@&21: @>KJFNE;S;JN#89!
:S3PEC&S!+=D5AY,V-W3 *?Y3+DG*2: XK M2*SR+(3 1.7EO-X-
O.U&E>^8|SKBI,-E9 ,BILO1O1LW:>WZ40;F2&VD2 MC!&2%Z>34U+^?XUT5>4'J%DB>
W713%6?0AS8N(P+VFX;U*R)&FH;RFG^FZ MT*4'3W1,|2; /MJ"TX<X+>\$O%&|HV?J
M9S;USSU" A8OXD606X^K&Z^I*-HZLMZ3MCC(8F:1EU7OP9%30G#CH&<M/H\$?IPS0U3OZ(YKR+R.K"&
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A0W)NS5C@W.TL,UBW5Y0D:(F)7ID47E M!%O:Y&2YU-
RKW*AP" LX+T&S*D2FE+ITT/H.OB1^9(B1#10EY+.ADZ&:C+)9LM@I4?Q%F*T:@CX40>%C;\$<6
M6|XH7%ZLO96MRLLP5! |>8B38!' /X1^1C CV63IBS:B^7 +,5@&7S"SZ MV 2ATW/*OH2139H^,VW0 !,!3H=*
Z:XA4%E7#>D&HAP&%R8>6? NG XK!G MUYFN TYD?5:6>#'?>D/D >D?>*,?UU/)XGQUC'-^.&
92 38=22AHD M3US DO""C(0=K5..IR5EMBJ400+O4U CO72OFB|4-KW"06/1:NS7XH?Z,P9
M9*)<9/|L.BKXO"1.ESPR/O2A:X.UJEC#S4F)1/. TEE.IS0H4HG*306 M!GY4U5B)Z|FH#7@Y.*
<IPW^CG^O#*GOL6H7:TL(F+!2WUJMJR^7%@/4'10%X) M:V.NOSZFF. 2O6NL;4S(46W@?,-JK>=84U>-
Z0\$3Y?%YUU"W4/4;U/E M5*%CZAE.4US=A2OZ50-,9N|ZX9NS0^ WIFMXEC(P+OL)>,285\$%>OYPI04
MCS, D!JOCX^;ZEA /1;V;|ETFG;IST&JF?Z327U@V)8':%);&7(
MC.FS1!F!+U,>OVMYIOW/3CI40.B;DJ@>CVR2GF=7C53+8 G'B@5!5 *0(DB4 MJSOCSEMBORY;>?J,EO>
(N/7I?5.; E8H3WNU=P^0U=!(?"J0;F&7Z|UALLX M?G="/RE ,TW7<:R>O?C<18"?>F0J# /0)\$ "/J;DV:
<S^T-L'5 *^:YS8<M648AB<=85 E|EBTI4?4< F;LWZZW#13^O MRJ^H!&XIX'0SWY&L^MI|KG|E^
>D+GCRT0:D87!61OV;D>GJ6V73.#JR* M#'.SG.LN^L;Z484!O:29J*RI4OXJ%6D2\$SU" F#)5SWT3-
FG3%Y<!54L@ (MY2APNO,F>*< "++^*!22 /S8S& K^"!;9ZI+)@29 SB<#%?,&LFBAY3YMN
MDLR/KJ>723RH(DG&09; 1 59SWE;5SRV(IJ.O>"649C!P W?>7DD42*D MO&K454^N2I@)KON;&2;5

.2X."A(IX%WJ0_UG#-NLY9SF?LCE_3E^I;H5S)94IECR^D2_SQU^"!A\$7\$KSY|CTF:/=#%TO9;LEJO(*R
/550F8(ANSF5E6C-|JTF,^O>B.Q17G8MM, &7SBC@A_!
MOI* @2\$5WC; G_L8D"7F7% BZYQ5(YFMXEI,3"PK?&EN^U1VADU/KDHS* +0N
MLG9?E<&@|B_ OSLPVF28,2CKX_1BLNM>N?59I7ONR:\$_85R9/5,& OK
IT;X|>:UT#5U2:I*F?CPKSZ^?G|=CJN;V_L.U.NQS_MQ|:|*W|,3L.Y3XV?8-SV:SADH%
^0?FL;?%?^T(NTRCSI90DWWJ?YRID?D|2_MO>8KG^*Z>"F6CIS+CK"V"E9Y5@L%U^,O2YR_MWL8F9(=|@6
F8O&R9EZ;@4?X0JJOM\$B|J.M.Z(JBF%=-L@R)3RKY(@V_4G\$7CA>?^Z8YG&>;
FZ_NNNOZ>|V'D8:'\$JXAKIN2DZ2+##/MT09F5#N#3"(!EDC0-1LDO@HJJO"#B+E!WRDXKB|#|@#'+
+2:9'%JW_HM1_M9'S>M-H2UI-I-HS!D/EY<:UCUK)J7O: ^U5|H3.2%);+3K|C92)^>H5Y\$O^
MIS6/P|56R^|!HYE!"8W\$*\$@+,\$|J|M,HN^|),B,WZ,8.K2Z)RE+..DUOM>B4
MJA_SF_&UN+|MD*E7EJ2UADJ:.)#5D,HZAC-7^XAR,G,F"-T'8JLZ.D*HI^(@ML8\$LYM"J-\$;
!>D>#U+|E|SQ+*V?;! "V|:'&+2:K;Y-DYD=G; O+GR6V_ME*6XV9'.8\$X)WD:U%V\$V(MTPD2P(>)Q'QF;2
M4|B?L*|CZIT")29|LT<9WE,%LG: 0T0NCBB&"?^@C+?57\$*6@YPI+Z#|J96_M Y@_Y+
|W\$=F-T\$J7|K;+6|U35:YY4?>|LM>,O56W_:'6"-H|4/O%N#X%4P_MK#SZ@O^V8?=-5V15>-
|4(YZ*\$57#W=-AJ24FKHOK,8A00?W25" M5WVYKGN6Z!@CS(A FF#BUJO%+ +Z0 (\$_YK% :7-
|M;P85;/G;+4|J.N.G MW)*V0K0FLLYWK#;.L*U+|@)&P<0_XM3HX(6AE9%)UDC?24%99T%6K\$5:8
MR_90|*7M5(=O_!|F@W|("MP"ID^TN|C^" D5RH)=|ICB_(:YMNLYN=|)D;U@_!HX29'_BG;
M8SX_YHIMM6M*N&JDFY*LK+TKF" 6Z>@E)*OU;JNHOB616D F@L>V|/=-S
M8-KO|FWI@PZ5A|'|A0^CK0(-;YNPQTK=I#VXF(&<%MSEG2IS
339M8#7(^:0F|OX#W|0H"JIVR'5X*5<|BW@="=AOG>PJ'(:EC>'2JO7FSEU3"J3HIZ"J
&L-B.KVM"!1'&4*F4YVT"= 8/O%5_M,ODV8&P=512FTJ!:=*6EV92V7(S+ #6O//2#|F5NYM\$OS
|TB3XTB=Z#)M%; MIN^|WS.9|'|I-M IKRJO\$70 =YV<)*M^B5B.LZ4%JZG_M4OJ0X(=-.7F;9AC!=-9
<%(XCV)#Z,%C@2/J)-G| ^&*^2)"/M2M2(HI)E^M_:'TR:H86:(FF+|G?:0%R+K5W_ :W;VYOTS0#J<05Y
M^4|B/T>DNJPF2-17EUDE**F")0/|@6T^|V8CXP7&(C43,*|G?"5FN2ZJ_M&5|G:|3H; >KS)"/"U^VA
|&18MD|0#7B-Z.O>.)P^OIH521OH6?JIV MB"3#1V=0U.C49 <3:W@&6^O1W\$UXH(NH|&./9
%CJ%L+|3J5HZABI0|&2G6.? M*Z)!<<DY8!_SC.#PM4OX:"SEISI;2E^H^V MR@@_+
|C>D?X;|I&|S#"0P)PO*|ZR+V^|&*P;ES%;A|)'IM@8O)RCM5|NR)I'_RSU*|ZXT|CPUMG7XYUUI
MMK_P4+|AX+C2U2M_SPNB2?K(7V_LZ0)WK/Z3#;+RPE\$!+FUH_4XKAL,ZUO_M;+NG
%GVHWN6Z="VM%-UFH,2#&D84SS#2.^?W.YE *1Q*\$,GH" O3C|3R*J/
MSE4#2@I+&K+MN?S7L95>O*4%OJURC_JVGZFO577;-2|?^9\$G=-|?^NBOZ
MX|X|7M|LN>"SOA,F|V;EZB?2U(P'M4I@H80^83-V%EHDR ES|397>B57|HR-)EE^E^=|)DN"9!;3?Y*P|BZ=
MPA?T>>AXN<^#K53?EC:.*L.>SPIA.65|'M45_F0PO=<(M|26.B|:UUSHF MX3^*+!>M.Y:U4>02;O"3:A
H"?"QTL<O7@|AHZF6DN&Y?A; ME_4NU,KBN^O =FNDDST93 MN*1!>8_"\$M<+DE:O+2@BS|>V(O.K-
&)|YJSLA^?D^|P|GJ188H-S)PB%|@_M4|D?HA1X>'&(4ARB%(?DTOEBX" 86.3G1B_-(
MO)F?OER3EZ6EG_V;|LO5/*51D7?6>RZK\$703G-LU<%T% C3CY_70A%=>DG#" M(A)G9:6NVX
!;!ONN)H"R<'&\$%|95::QP^Z-DT917G7(XK"/^)|XB8
MROI+6P9*7FY7|KZEB,L0P%IZ&T^*^>U'DV?8:0". 0_8F_C=<@.'NV>E&O:W MA'^CB!C)'=0E-
S_NVH.O*WOF;_A#N;NEV1_G*2\$7,3MED2S?H-1U?|JU;|H MF5.O)'\$|EMHE(O?FE:<78YC=-OS @,F:5Z&
/PS^NE^9,@IX^ZZNOW%;OS M,629O/S?WO(|_OSR*6'R6R6DAFS&VO, <|V#|TCG>9-8XDYEC^"M.VWX"
MIRLA.&&2/O.U+;|P)%?|HO"MD.J_7M0ENN3MT#HXE)JUB2Y/7.+*OJ+.#S>& MO0PV-
Y!&DDKNC>H:G3B|B?R8=|W79J&M? V^|2*OJFF|(?1:TU:|=|F5U_M/=-,54US'9&RJA>R^KXOPEO+MM9?+
(#OK"/6GY?VACTIX)F>"N@B&L,SK,ND_MV\$X2!A!U_/-68O.AOIO_T&<9JSCJH_8@K=1:XY?;LNL|O*MTFH)4.
MOID.@?;>S%AEW)2)A&7TJS:VGBSUY@-T#@O#UR_I?RL2#X.|AN:B|9M_8 MO;V_C2FFD)\$*=-, 4K^EG'?
(MA).YH:L2|XO6AG2S,2U9N2"#"S2_|R; B^AO;@:S6Y%T-'(L|UXG0:A (L=AS?N=|YB+"9:6?<;2V
M<+GOXXY538;A^\$%W(\$S=5+H#A@N|J.R.O73,,QP^ZL|9%97|Y2N,,|J&H8-
M"97XEO?#UOQ):ANSUC#@|UT,EIL|#WP:"5&9T;|43O)|UXGTAJ:XI|Z_PN M5&O&E#K8\$>7V.C@?_G#EOS
M^:LD),D%F6!@_15ECU,JJCF|XHRO:>H3PV>4OX%3GV^Y.D%GT3"C_BK5?>M:=IDU!
%62DX6@WO,5|B2A)(TJP|KF<;0',%!"5S,V"4Y40NLN0IVM1; M@KR|(&*ZH@JYWTJJ<
L"X|F! V=^*GI+V^A^H=*TXA2_4.2|UTS;@L_M|A:C(U@A&K(B#(S"*DLU1!T35&O
MDOA1(|+ DTIOUN,5S9&="C;>KJ0|JZ2U6W5_R|4=2WCWX
M<7686YTVK#41,0?AT&IS("ZZ+LC&+OOE)&.9P7_A^TT(T)M=?+?S41ST?|8_MBGXL"G" P5,J\$)MO4'3
|@BXS|Z'BGE6*V25;(TXM*CI.F?:O7O_RJAH_Z:W MPRL*|AZ*|, &*5.&8_XZ%|*S%X,0-LE(H|A|_11M1=1TR
EORW METW_W M4W#LU95\$ZKRZ'_MD4-??L.K?>200#DT|)S," 9! /R30_0)U3F, #B4O
M^|MI|09SOUFW7_2I=6' OH.MP=\$H0D,_AJ4 BHIZY4CJ\$NF_8.XS.38\$OL'K3L+8O_@VO_G-/FRNH&UD|_O
M7?)M^0|A&PA48G_DHN DJ "R;RQ&&EKJ9>+" VWQ^O/INZ8@AB3TT!D MM>I8N ^DSF+|W|Z_|/
_B6??B%K|099FT+69MDM9(%3|EU9"058K#GNX;*P(4>47<)|H1D9|UBCK|G|/8\$?N&?E=C|,TE

ML%\$87769%:K.H:62EXTP3UG4.WY2Y*.N?U207YXI^2=^*,:=DD>T^3;@EZ
M,>8S?T!>*W2(65?Y*&@5WO\G062MS;A^B,9!1&7K^5|S%|0V:EKM@E5MBO'E'
2>LN|@JU_GV|D5#M%=YS81&=2C.\$15"V|T<\$MY)Z^KXF_S"JP>S#O6|S|+:(7C(>W|7_2B'.B'6=\$V
MW6DWO!J5C(B'L"A#/\XHX:=4!O&YYBK,XZY6|1?PD9@I_W04XIN^5*^57/K83":\$^JB+XUOCOW:WJ3N
M=GT;R&&|@!"S!@D0TL;B.'MT2YB,|;"!AD)7L^2QS!!>F.TG1*6X49.B!>\$N;PBRH1(9K?W=^7
<2KPS\$P)DF|7A#N M"C%_XO!EMPR_ZF|Q|H2I2,TTYZ=OJ#R#T+SSNLRC!IBR+^,GL
M)+O9'U^|L%=-|V1.?H:~WK)"POS;,\$J5_@?J_E_"8XC/BY0000)Z!6!3HJ4
MZQW8,FO7<14^L\9#B)T'4A?E%BV#_2*^Y|G?BI(4K08REGKBE*6D3>6PR
MPKY*!I.2VF+.O""L|5\$*29O(HV*1K27#89_#E/+0(05F_M%ZIR)!"7!O!UDM4R7KG.8-4#Z5U&V@"+H1(9V#(
M3H^K.%<!0*8VM_*|ABBC>TKI)Z2.3TIO(#P2@.D;*MOKO.OO>4U_8/U-2PE_.S@.VP?;O;HOJ_6N,7'C=YH_W)
(S#)|H(N|YSO=0"?#4K<0_M#@XJ5"2!V**!O"J|\$.DEUNU9SG.O=JJ-D-GC6C3T.2|@X\$^JO"DLGX-E
MV+E*AD.M08.+|J+O/(I2/BBEC,|@U#9LP9_K,F&>|NEGE3,T5E.9LJ?YE_M9QU^J2R).45NK
FKJ:4A4R"ADU(U)+;7H\DKS)FPZXR89CHPK*HEKWDSN1@B%_M:>.IG206|V|U9JUCJ.MZ=:5D_(@@Q12*;
/Z>KJUZG03:NSR&?IU?)\U\H_ML_'Z:UUTP315XD")AE?&<^O_8G|E";;7IS.+*_-+0;|V)0*^9PYM"NA.G7
M.%N0@SXI";7G#OD49%SIDK!6SDI.G:N_XH7M|2)">!MD6(9"S0(%D+'6ME_MIFZ3E/@BLT@GD9|E5>|
/H%5J3T&F_R#+U;B5EKDTC&MP:4S2UUCD?%)E|
M)|4#SSO&.:TPB*8LZ|9BLL'.G^>22TFW<|2%*PY+5'8_NH4#D3"N^0BRXIS_M<^+R7|59@LY'IA_&8SZ5U
M/<#S%4.5224!(6%VSBC&:|CFF"&PPA@*JY7_VU^&B3>?9_#G\G3BVPI?_MC&-H)ZD)W|V
M(+&N^FG.KIS965PH^I;V,7LO)STEHA:L|:3>4A&2,2'\$AVG,)MDX_0=PIOLLO>:H7C!.|N(RW.?9J?"03.
M,U9&?L.F3)^!_..M|HKTF<1-2C=KDG_B)\$2A>0|X\$#++=38#@P'5_K<1_3<<&C\FU'O&UL4SL!_A0#%@
(L02N1;7MBD_M)"!4(!HIP_&%L<&4M.C_O-C.S.S%?9&5F+GAM_M;%!+0(4O0("B+,4|@F>D#VD4(M*!5
"7G!_M!A;!E+3(P,38PS,Q7VQ48BYX;6Q02PS"%,4"HBS%*H|KK5!HO_M"&8,%0@&&!P\$
86OP92TR,#\$V;#;S.5|P&UL_64\$|L%!@&_8_B@\$-V_0_\$.end