CASS INFORMATION SYSTEMS INC

Form 4

January 28, 2014

FORM 4

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

OMB Number: 3235-0287

OMB APPROVAL

Check this box if no longer subject to Section 16. Form 4 or

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF SECURITIES

Expires: January 31, 2005
Estimated average

Form 4 or Form 5 obligations may continue. See Instruction

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934, Section 17(a) of the Public Utility Holding Company Act of 1935 or Section 30(h) of the Investment Company Act of 1940

burden hours per response... 0.5

1(b).

Common

Common

Stock

Stock

01/25/2014

01/28/2014

(Print or Type Responses)

1. Name and Address of Reporting Person * MURRAY HARRY M		Sym CA:	suer Name and Ticker or Trading ol S INFORMATION SYSTEMS [CASS]	5. Relationship of Reporting Person(s) to Issuer (Check all applicable)		
		ERSCOURT	(Mo	te of Earliest Transaction th/Day/Year) 5/2014	Director 10% Owner Other (specify below) below) EVP	
	DRIVE, SU	TTE 550				
		(Street)	4. If	Amendment, Date Original	6. Individual or Joint/Group Filing(Check	
	ST. LOUIS,	MO 63131	Filec	(Month/Day/Year)	Applicable Line) _X_ Form filed by One Reporting Person Form filed by More than One Reporting Person	
	(City)	(State)	(Zip)	Table I - Non-Derivative Securities Ac	quired, Disposed of, or Beneficially Owned	
	1.Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	2A. Deemed Execution Date any (Month/Day/Y	Code (Instr. 3, 4 and 5)	Beneficially (D) or Beneficial Owned Indirect (I) Ownership Following (Instr. 4) (Instr. 4) Reported Transaction(s) (Instr. 3 and 4)	

Reminder: Report on a separate line for each class of securities beneficially owned directly or indirectly.

F

A

D

60.98

\$0

298

973 (3) A

Persons who respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB control number.

SEC 1474

(9-02)

 $28,154 \frac{(2)}{}$

 $29,127 \frac{(2)}{2}$

D

D

Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities)

1. Title of Derivative Security (Instr. 3)	2. Conversion or Exercise Price of Derivative Security	3. Transaction Date (Month/Day/Year)	3A. Deemed Execution Date, if any (Month/Day/Year)	4. Transacti Code (Instr. 8)	5. Number on Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)	6. Date Exercisal Expiration Date (Month/Day/Year	-		Amou Securi 4)
				Code V	(A) (D)	Date Exercisable	Expiration Date	Title	Amor or Num of Shar
Stock Appreciation Right	\$ 29.95					01/26/2012(1)	01/24/2021	Common Stock	4,8
Stock Appreciation Right	\$ 33.56					01/25/2013(1)	01/23/2022	Common Stock	7,2
Stock Appreciation Rights	\$ 42.14					01/23/2014(1)	01/21/2023	Common Stock	6,5
Stock Appreciation Rights	\$ 61.64	01/28/2014		A	3,361	01/29/2015(1)	01/27/2024	Common Stock	3,3

Reporting Owners

Reporting Owner Name / Address	Relationships						
	Director	10% Owner	Officer	Other			
MUDDANULADDNIA							

MURRAY HARRY M

12444 POWERSCOURT DRIVE SUITE 550 EVP

ST. LOUIS, MO 63131

Signatures

/s/ Harry M.
Murray

**Signature of Date

**Signature of Reporting Person

Explanation of Responses:

- * If the form is filed by more than one reporting person, see Instruction 4(b)(v).
- ** Intentional misstatements or omissions of facts constitute Federal Criminal Violations. See 18 U.S.C. 1001 and 15 U.S.C. 78ff(a).
- (1) Over a three-year vesting period, SARs become exercisable in one-third increments on the anniversary date of the grant.

Reporting Owners 2

- (2) Includes shares of restricted stock, subject to vesting and forfeiture.
- (3) Restricted stock bonus award; over 3 year vesting period, restrictions expire in one-third increments on the anniversary date of the award. Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, *see* Instruction 6 for procedure. Potential persons who are to respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB number.

Research and development expenses

1,630,264 1,954,397

For the first quarter of 2005, R&D decreased to \$1,630,264 compared to \$1,954,397 for the first quarter of 2004. The decrease in R&D was due to the following:

Manufacturing & Related Process Development Expenses (M&P)

	2005 \$	2004 \$
Product manufacturing expenses	775,635	857,269
Technology transfer expenses	3/4	167,880
Process development expenses	36,579	351,281
Manufacturing and related process development expenses	812,214	1,376,430

During the first quarter of 2005, the Company s product manufacturing expenses decreased to \$775,635 compared to \$857,269 for the first quarter of 2004. In January 2005, the Company extended its manufacturing agreement with Cobra Biomanufacturing Plc (Cobra) to provide additional cGMP production and clinical trial supply material for the Company s clinical trial program. The value of this agreement is in excess of \$1,725,000 (contracted in pounds sterling) as it contemplates multiple production runs over the remainder of 2005. These production runs will be used to supply the Company s existing and planned clinical trial program, and collaborative research program.

In the first quarter of 2004, the Company entered into an agreement with Cobra to commence the manufacturing of REOLYSIN® and therefore incurred expenses associated with the transfer of the Company s manufacturing technology. This transfer was completed in 2004; consequently the Company did not incur technology transfer expenses in the first quarter of 2005.

During the first quarter of 2005, the Company incurred process development expenses of \$36,579 compared to \$351,281 in the first quarter of 2004. Process development activity on the existing manufacturing process was largely completed in 2004. The Company expects to continue to incur process development costs as it looks to begin studies to continue to improve process yields.

Clinical Trial Programs

	2005 \$	2004 \$
Direct clinical trial expenses	232,348	125,645

During the first quarter of 2005, the Company s direct clinical trial expenses increased to \$232,348 compared to \$125,645 in the first quarter of 2004. This increase reflects enrollment in the U.K. systemic clinical study which had not started in the first quarter of 2004, and initiation costs associated with newly approved studies.

The Company expects its clinical trial expenses to continue to increase for the remainder of 2005. Patient enrollment for the U.K. radiation co-therapy clinical trial and the two U.S. clinical trials is expected to commence in 2005. The Company expects to continue with patient enrollment in the U.K. systemic clinical trial and the Canadian malignant glioma clinical trial.

Pre-Clinical Trial and Research Collaboration Expenses

	2005 \$	2004 \$
Research collaboration expenses Pre-clinical trial expenses	183,423 52,767	46,419 132,541
Pre-clinical trial expenses and research collaborations	236,190	178,960

During the first quarter of 2005, the Company s research collaboration expenses increased to \$183,423 compared to \$46,419 in the first quarter of 2004. The Company incurs research collaboration expenses as it continues to investigate the interaction of the immune system and the reovirus, the use of the reovirus as a co-therapy with existing chemotherapeutics and radiation and the possibility of new uses for the reovirus in therapy. These expenses will fluctuate from period to period depending on the progress of these collaborations.

During the first quarter of 2005 the Company s pre-clinical trial expenses decreased to \$52,767 compared to \$132,541 in the first quarter of 2004. The frequency of the Company s pre-clinical studies change from period to period as the Company moves through its clinical trial program. As well, depending on the results of the Company s research collaborations, the Company may increase its pre-clinical trial activity.

Operating Expenses

	2005 \$	2004 \$
Public company related expenses Office expenses	518,104 238,212	462,018 234,784
Operating expenses	756,316	696,802

During the first quarter of 2005, the Company s operating expenses increased to \$756,316 compared to \$696,802 in the first quarter of 2004. The Company s regulatory filing fees associated with its annual

report were incurred in the first quarter of 2005 while in 2004 these costs were incurred in the second quarter of 2004.

Commitments

As at March 31, 2005, the Company has committed to payments totaling \$1,027,548 for activities primarily related to product manufacturing and ongoing research collaborations. The Company anticipates that these committed payments will occur in 2005. All of these committed payments are considered to be part of the Company s normal course of business.

LIQUIDITY AND CAPITAL RESOURCES

Liquidity

As at March 31, 2005, the Company had cash and cash equivalents (including short-term investments) and working capital positions (current assets less current liabilities) of \$34,712,838 and \$33,902,264 respectively compared to \$33,919,223 and \$33,268,097 respectively for December 31, 2004. The increase in the first quarter of 2005 reflects the cash inflow from the exercise of warrants that raised \$3,075,887. Cash outflows during the period arose from research and development expenses, operational expenses, and intellectual property expenditures.

The Company desires to maintain adequate cash and short-term investment reserves to support its planned activities which include its clinical trial program, production manufacturing, and its intellectual property expansion and protection. The Company presently anticipates that its average cash usage for 2005 will be approximately \$1,000,000 per month and its existing capital resources are adequate to fund its current plans for research and development activities through 2007. Factors that will affect the Company s anticipated monthly burn rate include, but are not limited to, the number of manufacturing runs required to supply its clinical trial program and the cost of each run, the number of clinical trials ultimately approved, the timing of patient enrollment in the approved clinical trials, the actual costs incurred to support each clinical trial, the number of treatments each patient will receive, the timing of the U.S. National Cancer Institute s R&D activity, and the level of pre-clinical activity undertaken.

In the event that the Company chooses to seek additional capital, the Company will look to fund additional capital requirements primarily through the issue of additional equity. The Company recognizes the challenges and uncertainty inherent in the capital markets and the potential difficulties it might face in raising additional capital. Market prices and market demand for securities in biotechnology companies are volatile and there are no assurances that the Company would have the ability to raise funds when required.

Capital Expenditures

During the first quarter of 2005 the Company spent \$297,396 on intellectual property compared to \$130,540 in the first quarter of 2004. The difference relates to variances in filing fees on existing patent applications.

Investing Activities

Under its Investment Policy, the Company is permitted to invest in short-term instruments with a rating no less than R-1 (DBRS) with terms less than two years. As at March 31, 2005, the Company invested \$26,249,162 under this policy and is currently earning interest at an effective annual rate of 3.22%.

SUMMARY OF QUARTERLY RESULTS

The following unaudited quarterly information is presented in thousands of dollars except for per share amounts:

	2005		20	04			2003	
	March	Dec.	Sept.	June	March	Dec.	Sept.	June
Revenue ⁽¹⁾	245	205	194	183	117	127	102	41
Net loss ^{(2), (5)}	2,377	3,992	3,096	3,192	2,676	1,696	1,823	3,911
Basic and diluted loss								
per common share ^{(2), (5)}	\$ 0.07	\$ 0.14	\$ 0.11	\$ 0.11	\$ 0.10	\$ 0.06	\$ 0.07	\$ 0.17
Total assets ^{(3), (6)}	40,519	39,489	29,471	31,221	25,435	26,051	21,532	18,815
Total cash(4), (6)	34,713	33,919	23,806	25,522	20,298	20,753	15,843	13,486
Total long-term debt ⁽⁷⁾	150	150	150	150	150	150	150	150
Cash dividends								
declared ⁽⁸⁾	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil

⁽¹⁾ Revenue is comprised of interest income and income from short term investments.

- (2) Included in net loss and net loss per share between March 2005 and June 2003 is a quarterly gain (loss) on sale of investment of \$765, \$nil, (\$12,817), (\$646), \$47,648, \$264,453, \$nil, and (\$2,156,685), respectively.
- (3) Subsequent to the acquisition of the Company by SYNSORB in April 1999, the Company applied push down accounting. See note 2 to the audited financial statements for 2004.
- (4) Included in total cash are cash and cash equivalents plus short-term investments.
- (5) Included in net loss and loss per common share between March 2005 and June 2003 are quarterly stock based compensation expenses of \$13,375, \$1,870,596, \$48,878, \$734,670 \$5,426, \$490,364, \$437,554 and \$68,318, respectively.
- (6) The Company issued 768,972 commons shares for cash proceeds of \$3,075,887 in 2005 (2004 4,685,775 common shares for \$23,495,961 and 2003 5,062,978 common shares for \$16,004,981). In addition, 21,459 common shares were issued in September 2004 as partial consideration for the cancellation of a portion of the Company s contingent payments (see note 9 to the audited financial statements for 2004).
- (7) The long-term debt recorded represents repayable loans from the Alberta Heritage Foundation.
- (8) The Company has not declared or paid any dividends since incorporation.

OTHER MD&A REQUIREMENTS

The Company has 32,686,748 common shares outstanding at April 26, 2005. If all of the Company s warrants and options were exercised the Company would have 38,003,358 common shares outstanding.

Additional information relating to the Company is available on SEDAR at www.sedar.com.

BALANCE SHEETS

As at

	March 31, 2005 \$ (unaudited)	December 31, 2004 \$ (unaudited)
ASSETS Current Cash and cash equivalents	8,463,676	12,408,516
Short-term investments [note 3] Accounts receivable Prepaid expenses	26,249,162 40,584 416,127	21,510,707 47,767 250,365
	35,169,549	34,217,355
Capital assets	5,349,332	5,259,286
Investments [note 3]	3/4	12,000
	40,518,881	39,488,641
LIABILITIES AND SHAREHOLDERS EQUITY		
Current Accounts payable and accrued liabilities	1,267,285	949,258
Alberta Heritage Foundation loan	150,000	150,000
Shareholders equity Share capital [note 2] Authorized: unlimited number of common shares		
Issued: 32,684,468 (December 31, 2004 31,915,496) Warrants [note 2]	70,047,404 3,019,438	66,643,325 3,347,630
Contributed surplus Deficit	6,362,514 (40,327,760)	6,349,139 (37,950,711)
Deficit		
	39,101,596	38,389,383
	40,518,881	39,488,641

See accompanying notes

STATEMENTS OF LOSS AND DEFICIT

For the three month periods ended March 31,

	2005	2004	Cumulative from inception on April 2, 1998 to March 31, 2005
	\$	\$	\$
	(unaudited)	(unaudited)	(unaudited)
Revenue			
Rights revenue	3/4	3⁄4	310,000
Interest income	244,658	117,356	3,030,398
	244,658	117,356	3,340,398
Expenses			
Research and development	1,630,264	1,954,397	25,156,792
Operating	756,316	696,802	10,762,110
Stock based compensation [note 2]	13,375 16,566	5,426 5,592	3,711,370 376,536
Foreign exchange loss Amortization	205,951	179,023	2,867,797
	,	,.	,,
	2,622,472	2,841,240	42,874,605
Loss before the following:	2,377,814	2,723,884	39,534,207
Gain on sale of BCY LifeSciences Inc. [note 3]	(765)	(47,648)	(299,403)
Loss on sale of Transition Therapeutics Inc.	3/4	3/4	2,156,685
Loss before taxes	2,377,049	2,676,236	41,391,489
Capital tax	3/4	3/4	51,271
Future income tax recovery	3/4	3/4	(1,115,000)

Net loss for the period	2,377,049	2,676,236	40,327,760
Deficit, beginning of period	37,950,711	24,994,592	3/4
Deficit, end of period	40,327,760	27,670,828	40,327,760
Basic and diluted loss per share	0.07	0.10	
Weighted average number of shares (basic and diluted)	32,267,528	27,255,740	

See accompanying notes

STATEMENTS OF CASH FLOWS

For the three month periods ended March 31,

	2005 \$	2004 \$	Cumulative from inception on April 2, 1998 to March 31, 2005 \$
	(unaudited)	(unaudited)	(unaudited)
OPERATING ACTIVITIES			
Net loss for the period	(2,377,049)	(2,676,236)	(40,327,760)
Deduct non-cash items Amortization	205,951	179,023	2,867,797
Stock based compensation	13,375	5,426	3,711,370
Gain on sale of BCY LifeSciences Inc.	(765)	(47,648)	(299,403)
Foreign exchange loss	30,479	3/4	296,461
Cancellation of contingent payment obligation settled in			
common shares	3/4	3/4	150,000
Loss on sale of Transition Therapeutics Inc.	3/4	3/4	2,156,685
Future income tax recovery	3/4	3/4	(1,115,000)
Net changes in non-cash working capital	166,445	1,140,583	674,678
	(1,961,564)	(1,398,852)	(31,885,172)
INVESTING ACTIVITIES			
Purchase of intellectual property	(297,396)	(130,540)	(3,921,031)
Purchase of other capital assets	(5,598)	(1,598)	(531,800)
Purchase of short-term investments	(5,207,879)	(245,266)	(30,096,666)
Redemption of short-term investments	443,745	1,000,000	3,557,745
Investment in BCY LifeSciences Inc.	7,965	131,650	464,602
Investment in Transition Therapeutics Inc.	3/4	3/4	2,532,343
	(5,059,163)	754,246	(27,994,807)
FINANCING ACTIVITIES			
Alberta Heritage Foundation loan	3/4	3/4	150,000
Proceeds from exercise of warrants and stock options	3,075,887	944,745	14,658,168
Proceeds from private placements	3/4	3/4	22,741,983
Proceeds from public offerings	3/4	3/4	30,793,504
	3,075,887	944,745	68,343,655

Increase (decrease) in cash and cash equivalents during the period	(3,944,840)	300,139	8,463,676
Cash and cash equivalents, beginning of the period	12,408,516	2,641,127	3/4
Cash and cash equivalents, end of the period	8,463,676	2,941,266	8,463,676

See accompanying notes

NOTES TO FINANCIAL STATEMENTS

March 31, 2005 (unaudited)

1. ACCOUNTING POLICIES

These unaudited interim financial statements do not include all of the disclosures included in the Company s annual financial statements. Accordingly, these unaudited interim financial statements should be read in conjunction with the Company s most recent annual financial statements. The information for as at and for the year ended December 31, 2004 has been derived from the Company s audited financial statements.

The accounting policies used in the preparation of these unaudited interim financial statements conform with those used in the Company s most recent annual financial statements.

2. SHARE CAPITAL

Authorized:

Unlimited number of common shares

Issued:	Shares	A4	Warrants		
	Number	Amount \$	Number	Amount \$	
Balance, December 31, 2003	27,208,262	44,712,589	3,258,155	1,598,250	
Issued for cash pursuant to April 7, 2004 private placement	1,077,100	5,924,050	646,260	1,028,631	
Issued for cash pursuant to pursuant to November 23, 2004 public offering	1,504,000	8,693,120	864,800	1,521,672	
Issued pursuant to cancellation of contingent payment	21,459	150,000			
Exercise of warrants	1,907,175	8,178,546	(1,907,175)	(798,096)	
Expired warrants		2,827	(6,700)	(2,827)	
Exercise of options	197,500	778,951			
Share issue costs		(1,796,758)			
Balance, December 31, 2004	31,915,496	66,643,325	2,855,340	3,347,630	
Exercise of warrants	768,972	3,404,079	(768,972)	(328,192)	

Balance March 31, 2005 32,684,468 70,047,404 2,086,368 3,019,438

NOTES TO FINANCIAL STATEMENTS

March 31, 2005 (unaudited)

The following table summarizes the Company s outstanding warrants as at March 31, 2005:

		Outstanding, Beginning	Granted During	Exercised During	Expired During		Weighted Average Remaining
Ex	ercise	of	the	the	the	Outstanding, End of	Contractual Life
P	Price	the Period	Period	Period	Period	Period	(years)
\$	4.00	768,972		768,972			
\$	5.00	45,558				45,558	0.04
\$	6.25	529,750				529,750	0.04
\$	7.00	107,710				107,710	0.50
\$	7.06	112,800				112,800	1.15
\$	7.75	538,550				538,550	0.50
\$	8.00	752,000				752,000	2.65
		2,855,340		768,972		2,086,368	1.18

Stock Based Compensation

As the Company is following the fair value based method of accounting for stock options, the Company recorded compensation expense of \$13,375 (March 31, 2004 \$5,426) for the period with respect to the vesting of options issued in prior periods with an offsetting credit to contributed surplus.

3. INVESTMENTS

During the three month period ending March 31, 2005, the Company sold 120,000 (March 31, 2004 - 676,945) of its BCY LifeSciences Inc. (BCY) shares for net cash proceeds of \$7,965 (March 31, 2004 \$131,650) recording a gain on sale of investment of \$765 (March 31, 2004 \$47,648). As at March 31, 2005, the Company still owned 80,000 common shares of BCY with a book value of \$4,800. These common shares will be released from escrow in February 2006, consequently the remaining investment in BCY has been reclassified as a short-term investment.

4. COMPARATIVE FIGURES

Certain comparative figures have been reclassified to conform with the current period s presentation.

5. SUBSEQUENT EVENT

On April 14, 2005, 529,750 warrants with an exercise price of \$6.25 and 43,278 broker warrants with an exercise price of \$5.00 expired unexercised. These warrants were issued as part of the Company s October 14, 2003 public offering.

About Oncolytics Biotech Inc.

Oncolytics is a Calgary-based biotechnology company focused on the development of REOLYSIN®, its proprietary formulation of the human reovirus, as a potential cancer therapeutic. Oncolytics researchers have demonstrated that the reovirus is able to selectively kill cancer cells and, *in vitro*, kill human cancer cells that are derived from many types of cancer including breast, prostate, pancreatic and brain tumours, and have also demonstrated successful cancer treatment results in a number of animal models. Phase I clinical trial results have indicated that REOLYSIN® was well tolerated and that the reovirus demonstrated activity in tumours injected with REOLYSIN®.

FOR FURTHER INFORMATION PLEASE CONTACT:

For Canada:

Oncolytics Biotech Inc.
Doug Ball, CFO
210, 1167 Kensington Cr NW
Calgary, Alberta T2N 1X7
Tal: 403 670 7377

Tel: 403.670.7377 Fax: 403.283.0858

www.oncolyticsbiotech.com

For Canada:

The Equicom Group Joanna Longo 20 Toronto Street Toronto, Ontario M5C 2B8 Tel: 416.815.0700 ext. 233 Fax: 416.815.0080

ilongo@equicomgroup.com

For United States:

The Investor Relations Group Gino De Jesus or Dian Griesel, Ph.D. 11 Stone St, 3rd Floor New York, NY 10004

Tel: 212.825.3210 Fax: 212.825.3229

mail@investorrelationsgroup.com