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Firefighters' Retirement System of Louisiana

Third Quarter, 2013 Private Equity Review

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NEPC, LLC

January, 2014

Firefighters' Retirement System of Louisiana

RE: Private Markets Strategy – 3rd Quarter 2013

Dear Members,

We are pleased to present the September 30, 2013 Private Equity Report for the Firefighters' Retirement System of Louisiana. The report provides a variety of performance analysis for the overall portfolio. The reports include trailing performance, performance by investment stage and vintage year performance.

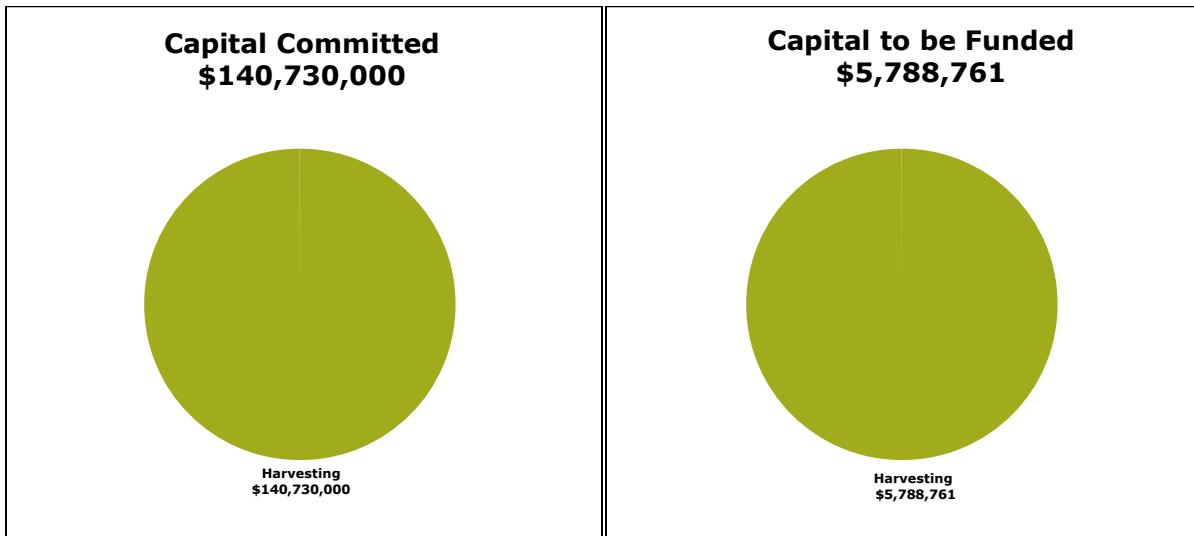
The Firefighters' Retirement System of Louisiana experienced a negative quarter, having a nominal IRR of (0.37%). The IRR since inception is 6.99%. The overall multiple (current valuation plus cumulative distributions, divided by total capital calls) is 1.28.

The following table presents the status of the Firefighters' Retirement System of Louisiana private markets portfolio as of September 30, 2013:

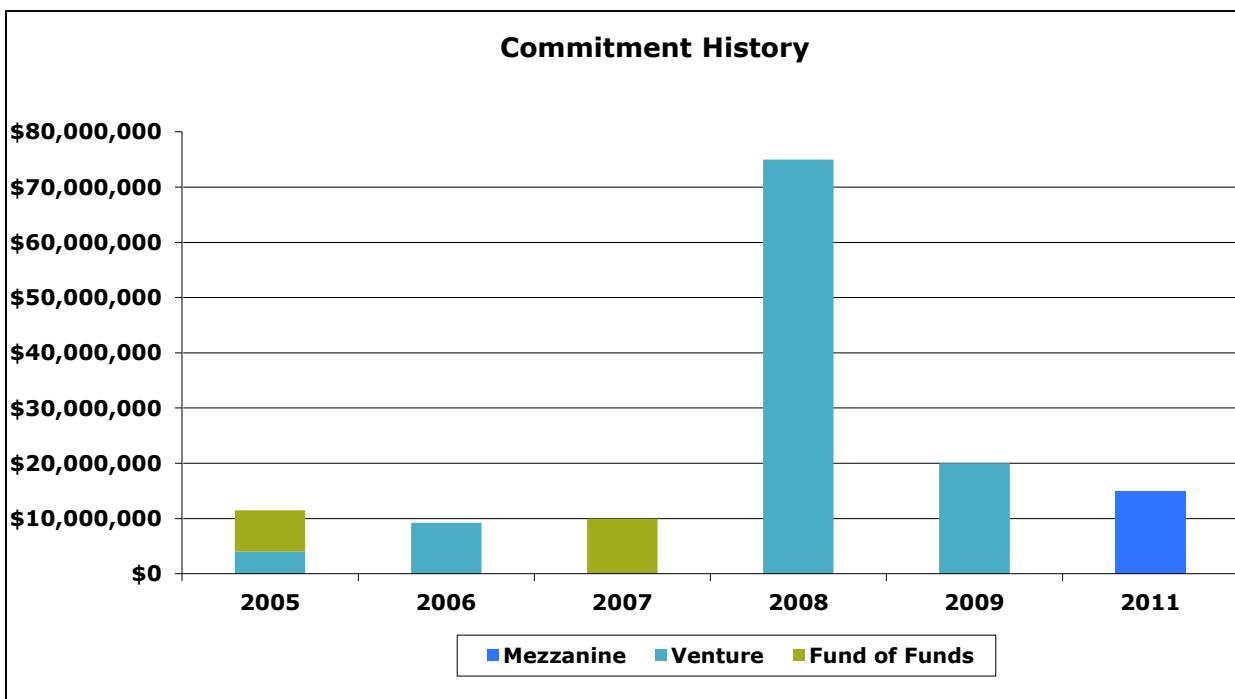
Commitments	Terminated Commitments	Amount Funded	Amount Distributed	Reported Value	Call Ratio	Distribution Ratio
\$140,730,000	\$0	\$134,941,239	\$75,743,033	\$98,095,612	95.89%	56.13%
Unfunded Commitments	Market Exposure (Reported Value + Unfunded Commitments)	Total Fund Composite as of 9/30/2013	Alternative Assets Target	Reported Value as a % of Total Fund	Market Exposure as a % Total Fund	
\$5,788,761	\$103,884,373	\$1,292,305,188	8%*	7.59%	8.0%	
Total Value (Reported Value + Distributions)	Total Value To Paid In Capital	Internal Rate of Return IRR, Since Inception (January 2005)				
\$173,838,645	1.28	6.99%				



As of September 30, 2013, the Firefighters' Retirement System of Louisiana had commitments totaling \$140.73 million to 10 private markets fund. Of the 10 funds in the private equity portfolio, all are in the harvesting stage. The following charts illustrate the program's current life cycle:

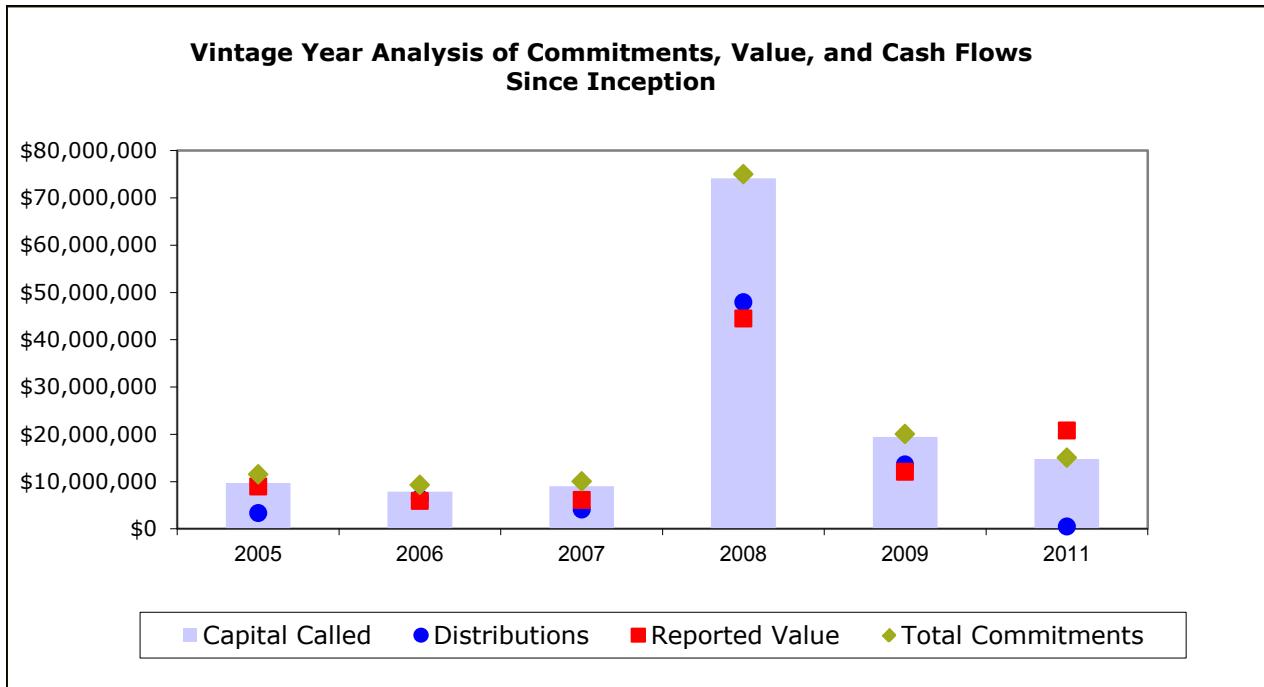


The following chart illustrates the commitment history of the Firefighters' Retirement System of Louisiana private markets program through the quarter end:





The following chart provides an analysis of the vintage year performance comparing the capital calls to the distributions and reported value:

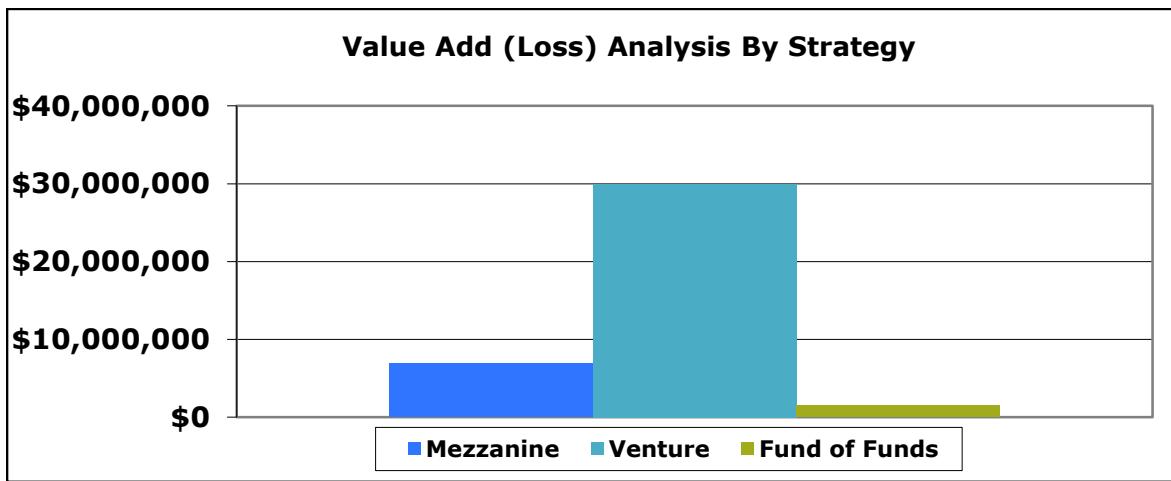


During the quarter-ended September 30, 2013, 3 funds in the Firefighters' Retirement System of Louisiana private markets portfolio drew capital, and 5 funds made a distribution. The summary of the cash flow follows:

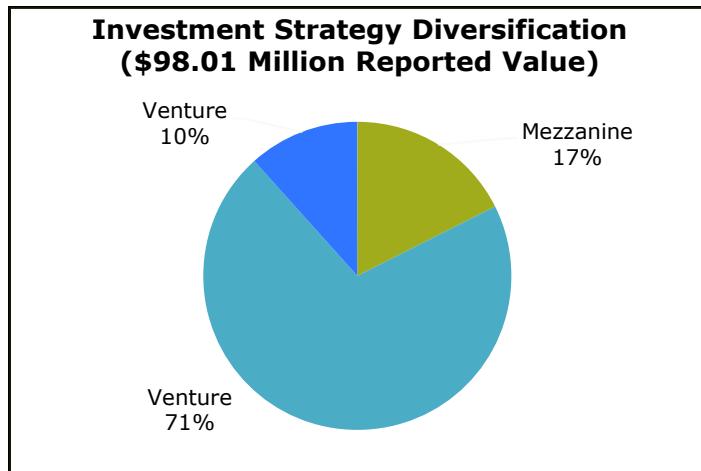
Calls & Expenses Funded for the Quarter	Number of Funds Calling Capital & Expenses	Distributions for the Quarter	Number of Funds Making Distributions	Net Cash/Stock Flows for the Quarter
\$360,079	3	\$9,612,379	5	\$9,252,300



Since inception the private markets program has gained \$38.31 million in value for the Firefighters' Retirement System of Louisiana. Mezzanine added \$6.88 million, Venture added \$29.97 million and Fund of Funds added \$1.47 million.



As of September 30, 2013, the 10 private markets funds in the Firefighters' Retirement System of Louisiana portfolio had the following investment strategy diversification by the investment fund's reported value:



We thank you for the opportunity to work with the Firefighters' Retirement System of Louisiana and look forward to continued success in the future.

Best regards,

David Barnes, CFA
Senior Consultant

Firefighters' Retirement System of Louisiana
Executive Summary IRR Performance Report

9/30/2013

Investment	Vintage Year	Commitment	Qtr TD	YTD	1 Year	3 Year	5 Year	Inception
DCM Private Equity Fund II	2007	10,000,000	3.54	2.35	6.08	8.03	2.65	1.25
DTC Private Equity II-Q, L.P.	2005	7,500,000	1.78	8.80	9.56	8.20	4.62	3.27
Franchise Capital Partners II, L.P.	2008	20,000,000	-0.80	17.82	-2.47	-4.26	1.13	1.09
Franchise Capital Partners III, L.P.	2009	20,000,000	-0.03	19.87	-4.63	14.36	N/A	11.38
Greenspring Crossover Ventures, L.P.	2008	25,000,000	2.75	48.88	31.92	19.46	13.35	10.21
Greenspring Global Partners III-A, L.P.	2006	9,230,000	6.14	26.54	19.96	19.64	13.41	9.86
Louisiana Fund I	2005	2,000,000	-0.23	-0.58	-3.89	1.23	22.71	15.63
Murphree Venture Partners VI, LP	2005	2,000,000	6.70	-4.85	14.63	3.26	5.75	3.31
SAIL Venture Partners II	2008	30,000,000	-2.93	-3.61	-14.46	-8.59	N/A	0.62
Sail Sustainable Louisiana LP	2011	15,000,000	-3.06	-0.56	33.38	N/A	N/A	22.72
Total: Firefighters' Retirement System of Louisiana		140,730,000	-0.37	13.12	7.75	7.84	8.35	6.99

Composite IRRs include all flows of the selected investments regardless of the start date of the investment.

"N/A" will be displayed if the investment has insufficient cash flows for the period

Firefighters' Retirement System of Louisiana
Performance Analysis

9/30/2013

Partnership Name	Vintage Year	Commitment	Paid In Capital	Capital To Be Funded	Additional Fees	Cumulative Distributions	Valuation	Total Value	Net Benefit	Call Ratio	DPI Ratio	TVPI Ratio	IRR
1 DCM Private Equity Fund II	2007	10,000,000	9,048,804	951,196	587,364	4,083,941	6,048,251	10,132,192	496,024	90 %	0.45	1.05	1.25 %
2 DTC Private Equity II-Q, L.P.	2005	7,500,000	6,787,500	712,500	0	2,400,000	5,357,289	7,757,289	969,789	91 %	0.35	1.14	3.27 %
3 Franchise Capital Partners II, L.P.	2008	20,000,000	19,188,998	811,002	0	14,637,585	5,199,383	19,836,968	647,970	96 %	0.76	1.03	1.09 %
4 Franchise Capital Partners III, L.P.	2009	20,000,000	19,426,797	573,203	0	13,614,800	12,040,994	25,655,794	6,228,997	97 %	0.70	1.32	11.38 %
5 Greenspring Crossover Ventures, L.F	2008	25,000,000	25,000,000	0	0	28,576,308	13,377,242	41,953,550	16,953,550	100 %	1.14	1.68	10.21 %
6 Greenspring Global Partners III-A, L.	2006	9,230,000	7,845,500	1,384,500	0	6,431,225	5,869,501	12,300,726	4,455,226	85 %	0.82	1.57	9.86 %
7 Louisiana Fund I	2005	2,000,000	910,000	1,090,000	0	25,317	2,004,373	2,029,690	1,119,690	46 %	0.03	2.23	15.63 %
8 Murphree Venture Partners VI, LP	2005	2,000,000	2,000,000	0	0	848,459	1,551,820	2,400,279	400,279	100 %	0.42	1.20	3.31 %
9 SAIL Venture Partners II	2008	30,000,000	29,959,268	40,732	0	4,676,258	25,891,624	30,567,882	608,614	100 %	0.16	1.02	0.62 %
10 Sail Sustainable Louisiana LP	2011	15,000,000	14,774,372	225,628	0	449,140	20,755,135	21,204,275	6,429,903	98 %	0.03	1.44	22.72 %
10 Total Partnerships		140,730,000	134,941,239	5,788,761	587,364	75,743,033	98,095,612	173,838,645	38,310,042	96 %	0.56	1.28	6.99 %

** Indicates Estimated Valuation for the fund

Firefighters' Retirement System of Louisiana

Lifecycle Performance Analysis

9/30/2013

Partnership Name	Vintage Year	Commitment	Paid In Capital	Capital To Be Funded	Additional Fees	Cumulative Distributions	Valuation	Total Value	Net Benefit	Call Ratio	DPI Ratio	TVPI Ratio	IRR
3 Harvesting													
1 DCM Private Equity Fund II	2007	10,000,000	9,048,804	951,196	587,364	4,083,941	6,048,251	10,132,192	496,024	90 %	0.45	1.05	1.25 %
2 DTC Private Equity II-Q, L.P.	2005	7,500,000	6,787,500	712,500	0	2,400,000	5,357,289	7,757,289	969,789	91 %	0.35	1.14	3.27 %
3 Franchise Capital Partners II, L.P.	2008	20,000,000	19,188,998	811,002	0	14,637,585	5,199,383	19,836,968	647,970	96 %	0.76	1.03	1.09 %
4 Franchise Capital Partners III, L.P.	2009	20,000,000	19,426,797	573,203	0	13,614,800	12,040,994	25,655,794	6,228,997	97 %	0.70	1.32	11.38 %
5 Greenspring Crossover Ventures, L.P.	2008	25,000,000	25,000,000	0	0	28,576,308	13,377,242	41,953,550	16,953,550	100 %	1.14	1.68	10.21 %
6 Greenspring Global Partners III-A, L.P.	2006	9,230,000	7,845,500	1,384,500	0	6,431,225	5,869,501	12,300,726	4,455,226	85 %	0.82	1.57	9.86 %
7 Louisiana Fund I	2005	2,000,000	910,000	1,090,000	0	25,317	2,004,373	2,029,690	1,119,690	46 %	0.03	2.23	15.63 %
8 Murphree Venture Partners VI, LP	2005	2,000,000	2,000,000	0	0	848,459	1,551,820	2,400,279	400,279	100 %	0.42	1.20	3.31 %
9 SAIL Venture Partners II	2008	30,000,000	29,959,268	40,732	0	4,676,258	25,891,624	30,567,882	608,614	100 %	0.16	1.02	0.62 %
10 Sail Sustainable Louisiana LP	2011	15,000,000	14,774,372	225,628	0	449,140	20,755,135	21,204,275	6,429,903	98 %	0.03	1.44	22.72 %
3 Harvesting Subtotal		140,730,000	134,941,239	5,788,761	587,364	75,743,033	98,095,612	173,838,645	38,310,042	96 %	0.56	1.28	6.99 %
10 Total Partnerships		140,730,000	134,941,239	5,788,761	587,364	75,743,033	98,095,612	173,838,645	38,310,042	96 %	0.56	1.28	6.99 %

Firefighters' Retirement System of Louisiana

Vintage Year Performance Analysis

9/30/2013

Partnership Name	Vintage Year	Commitment	Paid In Capital	Capital To Be Funded	Additional Fees	Cumulative Distributions	Valuation	Total Value	Net Benefit	Call Ratio	DPI Ratio	TVPI Ratio	IRR
2005													
1 DTC Private Equity II-Q, L.P.	2005	7,500,000	6,787,500	712,500	0	2,400,000	5,357,289	7,757,289	969,789	91 %	0.35	1.14	3.27 %
2 Louisiana Fund I	2005	2,000,000	910,000	1,090,000	0	25,317	2,004,373	2,029,690	1,119,690	46 %	0.03	2.23	15.63 %
3 Murphree Venture Partners VI, LP	2005	2,000,000	2,000,000	0	0	848,459	1,551,820	2,400,279	400,279	100 %	0.42	1.20	3.31 %
2005 Subtotal		11,500,000	9,697,500	1,802,500	0	3,273,776	8,913,482	12,187,258	2,489,758	84 %	0.34	1.26	5.07 %
2006													
4 Greenspring Global Partners III-A, L.P.	2006	9,230,000	7,845,500	1,384,500	0	6,431,225	5,869,501	12,300,726	4,455,226	85 %	0.82	1.57	9.86 %
2006 Subtotal		9,230,000	7,845,500	1,384,500	0	6,431,225	5,869,501	12,300,726	4,455,226	85 %	0.82	1.57	9.86 %
2007													
5 DCM Private Equity Fund II	2007	10,000,000	9,048,804	951,196	587,364	4,083,941	6,048,251	10,132,192	496,024	90 %	0.45	1.05	1.25 %
2007 Subtotal		10,000,000	9,048,804	951,196	587,364	4,083,941	6,048,251	10,132,192	496,024	90 %	0.45	1.05	1.25 %
2008													
6 Franchise Capital Partners II, L.P.	2008	20,000,000	19,188,998	811,002	0	14,637,585	5,199,383	19,836,968	647,970	96 %	0.76	1.03	1.09 %
7 Greenspring Crossover Ventures, L.P.	2008	25,000,000	25,000,000	0	0	28,576,308	13,377,242	41,953,550	16,953,550	100 %	1.14	1.68	10.21 %
8 SAIL Venture Partners II	2008	30,000,000	29,959,268	40,732	0	4,676,258	25,891,624	30,567,882	608,614	100 %	0.16	1.02	0.62 %
2008 Subtotal		75,000,000	74,148,266	851,734	0	47,890,151	44,468,249	92,358,400	18,210,134	99 %	0.65	1.25	5.69 %
2009													
9 Franchise Capital Partners III, L.P.	2009	20,000,000	19,426,797	573,203	0	13,614,800	12,040,994	25,655,794	6,228,997	97 %	0.70	1.32	11.38 %
2009 Subtotal		20,000,000	19,426,797	573,203	0	13,614,800	12,040,994	25,655,794	6,228,997	97 %	0.70	1.32	11.38 %
2011													
10 Sail Sustainable Louisiana LP	2011	15,000,000	14,774,372	225,628	0	449,140	20,755,135	21,204,275	6,429,903	98 %	0.03	1.44	22.72 %
2011 Subtotal		15,000,000	14,774,372	225,628	0	449,140	20,755,135	21,204,275	6,429,903	98 %	0.03	1.44	22.72 %
10 Total Partnerships		140,730,000	134,941,239	5,788,761	587,364	75,743,033	98,095,612	173,838,645	38,310,042	96 %	0.56	1.28	6.99 %

Firefighters' Retirement System of Louisiana
Investment Strategy Performance Analysis

9/30/2013

Partnership Name	Vintage Year	Commitment	Paid In Capital	Capital To Be Funded	Additional Fees	Cumulative Distributions	Valuation	Total Value	Net Benefit	Call Ratio	DPI Ratio	TVPI Ratio	IRR
100 Venture													
1 Greenspring Crossover Ventures, L.P.	2008	25,000,000	25,000,000	0	0	28,576,308	13,377,242	41,953,550	16,953,550	100 %	1.14	1.68	10.21 %
2 Greenspring Global Partners III-A, L.P.	2006	9,230,000	7,845,500	1,384,500	0	6,431,225	5,869,501	12,300,726	4,455,226	85 %	0.82	1.57	9.86 %
3 Louisiana Fund I	2005	2,000,000	910,000	1,090,000	0	25,317	2,004,373	2,029,690	1,119,690	46 %	0.03	2.23	15.63 %
4 Murphree Venture Partners VI, LP	2005	2,000,000	2,000,000	0	0	848,459	1,551,820	2,400,279	400,279	100 %	0.42	1.20	3.31 %
5 SAIL Venture Partners II	2008	30,000,000	29,959,268	40,732	0	4,676,258	25,891,624	30,567,882	608,614	100 %	0.16	1.02	0.62 %
6 Sail Sustainable Louisiana LP	2011	15,000,000	14,774,372	225,628	0	449,140	20,755,135	21,204,275	6,429,903	98 %	0.03	1.44	22.72 %
100 Venture Subtotal		83,230,000	80,489,140	2,740,860	0	41,006,707	69,449,695	110,456,402	29,967,262	97 %	0.51	1.37	8.34 %
130 Mezzanine													
1 Franchise Capital Partners II, L.P.	2008	20,000,000	19,188,998	811,002	0	14,637,585	5,199,383	19,836,968	647,970	96 %	0.76	1.03	1.09 %
2 Franchise Capital Partners III, L.P.	2009	20,000,000	19,426,797	573,203	0	13,614,800	12,040,994	25,655,794	6,228,997	97 %	0.70	1.32	11.38 %
130 Mezzanine Subtotal		40,000,000	38,615,795	1,384,205	0	28,252,385	17,240,377	45,492,762	6,876,967	97 %	0.73	1.18	5.83 %
170 Fund of Funds													
1 DCM Private Equity Fund II	2007	10,000,000	9,048,804	951,196	587,364	4,083,941	6,048,251	10,132,192	496,024	90 %	0.45	1.05	1.25 %
2 DTC Private Equity II-Q, L.P.	2005	7,500,000	6,787,500	712,500	0	2,400,000	5,357,289	7,757,289	969,789	91 %	0.35	1.14	3.27 %
170 Fund of Funds Subtotal		17,500,000	15,836,304	1,663,696	587,364	6,483,941	11,405,540	17,889,481	1,465,813	90 %	0.41	1.09	2.11 %
10 Total Partnerships		140,730,000	134,941,239	5,788,761	587,364	75,743,033	98,095,612	173,838,645	38,310,042	96 %	0.56	1.28	6.99 %

Firefighters' Retirement System of Louisiana

Transaction Summary

7/1/2013 - 9/30/2013

Date	Funding	Additional Fees	Cash	Stock	Net Cash Flow
DCM Private Equity Fund II					
7/1/2013		18,750.00			18,750.00
9/30/2013			126,829.00		-108,079.00
9/30/2013	126,829.00				18,750.00
Total: DCM Private Equity Fund II		126,829.00	18,750.00	126,829.00	18,750.00
 DTC Private Equity II-Q, L.P.					
8/7/2013		300,000.00			-300,000.00
9/20/2013		150,000.00			-450,000.00
9/30/2013	64,500.00				-385,500.00
Total: DTC Private Equity II-Q, L.P.		64,500.00	450,000.00		-385,500.00
 Franchise Capital Partners II, L.P.					
7/10/2013		176,118.00			-176,118.00
9/30/2013		2,054,707.00			-2,230,825.00
Total: Franchise Capital Partners II, L.P.			2,230,825.00		-2,230,825.00
 Franchise Capital Partners III, L.P.					
7/19/2013		400,516.00			-400,516.00
9/30/2013		6,157,931.00			-6,558,447.00
Total: Franchise Capital Partners III, L.P.			6,558,447.00		-6,558,447.00
 Greenspring Global Partners III-A, L.P.					
8/20/2013		125,255.00			-125,255.00
9/26/2013		121,023.00			-246,278.00
Total: Greenspring Global Partners III-A, L.P.			246,278.00		-246,278.00
 SAIL Venture Partners II					
7/11/2013	150,000.00				150,000.00
Total: SAIL Venture Partners II		150,000.00			150,000.00

Firefighters' Retirement System of Louisiana**Transaction Summary**

7/1/2013 - 9/30/2013

Date	Funding	Additional Fees	Cash	Stock	Net Cash Flow
Total: Firefighters' Retirement System of Louisiana					
	341,329.00	18,750.00	9,612,379.00		-9,252,300.00
Total:					
	341,329.00	18,750.00	9,612,379.00		-9,252,300.00