POMPANO BEACH POLICE & FIREFIGHTERS' RETIREMENT SYSTEM						
2335 EAST ATLAN SUITE 400			ULAF	R ME	ETII	NG
POMPANO BEACI	n, FLORIDA	A	UGU	51 13	9, 20 V	719
	istees convened at the Pompano Beach Police an on Office, Pompano Beach, Florida. The Chairman calle er at 3:00 PM.		M	S	OHED	V O T E
PRESENT:	Chairman Paul O'Connell Vice-Chairman Richard Samolewicz Trustee Sharra Aaronian Trustee Daniel Christophers Trustee Robert Drago Trustee Vincent Femia Trustee David Hall Trustee Peter McGinnis Trustee Jorge Rossi		T I O N	C O N D	YES	N O
ALSO PRESENT:	Robert Sugarman, Esq., Board Attorney Debra Tocarchick, Executive Director Maureen Femia, Deputy Director Lawrence Watts, The Nyhart Company, Inc. Scott Owens, Graystone Consulting					
<u>VISITORS</u> :	Patrick Hanrahan, Retired Police Member					
AUDIENCE TO BE	HEARD					
None						
APPROVAL OF AC	<u>GENDA</u>					
	orted that Mr. Bogen is unable to attend the meeting of Sucharow due to an unexpected schedule conflict and s.					
to table discussion the Investment Pe	ove the agenda as presented with two amendments: with Labaton Sucharow; and 2) to reverse the order or formance Report and the Actuarial Experience Study tee Hall was out of the room).	of Samolewicz	X	X	X	
on July 15, 2019, a	e the reading of the minutes of the Regular Board Meetin and the Budget Committee Meeting on August 5, 2019 ne as presented. PASSED 8-0 (Trustee Hall was out o	9, Samolewicz		X	X X X X X X	
		Rossi	Х	^	X	

Board of Trustees Minutes Augus Page Two	t 19, 2019	TRUSTEES	М	S	Y	N
APPROVAL OF SURVIVOR BENEFITS						
<b>MOTION:</b> To approve the application for survivor benefits from Jeabeneficiary of retiree George Ellis who deceased on 7/14/2019. Po (Trustee Hall was out of the room).		O'Connell Samolewicz Aaronian Christophers Drago Femia McGinnis Rossi	X	X	X X X X X X	
APPROVAL OF DROP APPLICATION						
<b>MOTION:</b> To approve the application for Normal Retirement a Entry effective 11/1/2019 from firefighter Eddie Prince. PAS (Trustee Hall was out of the room).		O'Connell Samolewicz Aaronian Christophers Drago Femia McGinnis Rossi	X	X	X X X X X X	
RATIFICATION AND APPROVAL OF WARRANTS		110001				
<b>MOTION:</b> To ratify and approve payment of benefits and expendent on Warrant Nos. 5135, \$6,337.41; No. 5136, \$6,049.35; \$25,225.00; No. 5138, \$83,757.72; No. 5139, \$1,567.80; \$3,290.16; No. 5141, \$3,119.11; No. 5142, \$68,437.32; \$3,932.28; No. 5144, \$66,236.11; No. 5145, \$471,877.33; \$27,010.96; No. 5147, \$3,232.91; No. 5148, \$3,567.50; \$11,972.35; No. 5150, \$711,409.58; No. 5151, \$50,017.78; \$296,618.41. PASSED 8-0 (Trustee Hall was out of the room).	No. 5137, No. 5140, No. 5143, No. 5146, No. 5149,	O'Connell Samolewicz Aaronian Christophers Drago Femia McGinnis Rossi	x	X	X X X X X X	
JUNE 30, 2019 INVESTMENT PERFORMANCE REPORT PR BY GRAYSTONE CONSULTING	ESENTED					
Scott Owens, on behalf of Graystone Consulting, presented the i performance report for the quarter ending June 30, 2019.	nvestment					
Mr. Owens reported on the overall state of the economy and the noting there we are seeing a lot of volatility and price movem markets which doesn't necessarily match the fundamentals. Me volatility is being driven by the media reporting on discussion suctowhich the market is responding immediately.	ent in the luch of the					
Fundamentally the economy remains sound. Unemployment are rates are very low, wages are rising, and manufacturing and serv indicate the economy is expanding. Consumer spending is 65% oconsumers continue to spend.	ice indices					
Interest rates are low and are expected to continue to be low. Ba	sed on the					

Board of Trustees Minutes August 19, 2019 Page Three	TRUSTEES	М	S	Y	N
fundamentals, one would think rates would start moving up. When there is growth, rates increase and consumers borrow more. However, rates around the world are very low. There is approximately \$15-16 trillion dollars with a negative yield. Consequently, every time rates go up, there is an inflow of international dollars to the US markets. Additionally, a volatile market creates a rush to buy risk-free assets such as bonds which causes the price to go up and yield to go down resulting in an inverted yield curve. An inverted yield curve does not cause a recession - it is simply an indicator. If the Fed decided to lower rates, it would have an impact on the short end of the curve and the curve would no longer be inverted.					
Although it may not feel like it, the first half of this year was the best first half of a year since 1997 with the market up approximately 18%. Even with all the volatility, the market is still positive.					
The market did well for the quarter with the Russell 1000 Index up 4.25%, followed by mid cap up 4.13% and small cap up 2.10%. Growth outperformed value stocks again; however, the dispersion is increasing so it is expected that growth and value will switch positions. Energy was the only sector that was negative, at -2.8%. International markets were up 3.68% and emerging markets slightly up at 0.74%. The fixed income Barclays Aggregate was up 3.08%.					
Mr. Owens reviewed the total fund as of June 30, 2019 noting a gain of \$8,152,335 and an overall portfolio value of \$244,648,530. Large cap value, international growth and fixed income were slightly underweight to their target allocations. Equities in total, and private real estate were slightly overweight to their target allocations. Hedge FOF's, MLP's and private equity were all slightly underweight to target allocations. All asset classes were within their target ranges and no recommendation for rebalancing was made.					
Mr. Owens reviewed each investment manager's performance relative to their benchmark.					
While discussing Invesco's performance, Mr. Owens addressed Invesco's proposed Amendment No. 2 to the Limited Partnership Agreement which was reviewed by both Sugarman & Susskind and Graystone. Mr. Owens explained the fee addendum will reduce the fee amount from 1.1% to 1%; however, the fee will be applied to the NAV rather than the committed amount. As the NAV increases, so will the fee. Mr. Owens indicated that he does not have a problem with this change and added that the fee is commensurate with the market.					
A question was raised as to whether the Invesco funds should be reallocated to another asset class. Mr. Owens stressed the importance of asset allocation and diversity for protection particularly during times of volatility and noted that the portfolio is already very diverse.					
Another question was raised regarding investing in index funds. Mr. Owens responded that every one of the portfolio's investment managers are beating the index so index funds would reduce the efficiency of the portfolio.					

Board of Trustees Minutes Page Four	August 19, 2019	TRUSTEES	М	s	Y	N
Graystone has performed many studies on active versare completely unbiased between the two investment have shown that active generally outperforms passive Mr. Owens suggested that consideration of passive ir revisited after the market falls considerably.	forms. The studies in volatile markets.					
Mr. Owens reported that they are still actively seeking a Brookfield (Center Coast) MLP investment.	n exit strategy on the					
Total gross returns for the quarter, 1-year, 3-year and 3.42%, 7.14%, 9.52%, and 6.29% respectively. The "S Facts" and "Breakdown of Returns", showing value manager, are attached on the backup.	Summary of Relevant					
Mr. Owens reported that the excess return over the berbasis points on average every year since 2002. A measure. The Sharpe Ratio is the relative measure number the better. By every measure, this portfolio is be	lpha is an absolute and the higher the					
Mr. Owens reported that the Compliance Checklist and Checklist have been separated into two pages at the reSugarman & Susskind.						
<b>MOTION:</b> To approve the June 30, 2019 Performance as presented by Graystone Consulting. PASSED 9-0.	Evaluation Report	O'Connell Samolewicz Aaronian Christophers Drago Femia Hall McGinnis Rossi	X	x	X X X X X X X	
MOTION: To set the net investment rate of return for 6/30/2019 at 3.42% for purposes of the Fund Rate accordance with Mr. Owen's 8/7/2019 letter of certificate	DROP earnings in	O'Connell Samolewicz Aaronian Christophers Drago Femia Hall McGinnis Rossi	X	X	X X X X X X X	
<b>MOTION:</b> To approve the earnings for quarter estates \$1,563.91 for purposes of the DROP money market act with Mr. Owen's 8/7/2019 letter of certification. PASSE	count in accordance	O'Connell Samolewicz Aaronian Christophers Drago Femia Hall McGinnis Rossi	X	X	X X X X X X X	

Board of Trustees Minutes Page Five	August 19, 2019	TRUSTEES	М	S	Y	N
MOTION: To consent to the Second Amendment of Restated Limited Partnership Agreement of Invesco C recommended by Graystone Consulting and reviewed Susskind. PASSED 9-0.	Core Real Estate as	O'Connell Samolewicz Aaronian Christophers Drago Femia Hall McGinnis Rossi	x	X	X X X X X X X X X X X X X X X X X X X	
PRESENTATION OF ACTUARIAL EXPERIENCE NYHART COMPANY, INC.	STUDY BY THE	K055i			^	
Mr. Lawrence Watts on behalf of The Nyhart Company actuarial experience study covering plan years Octob September 30, 2018. Actuarial standards require the periodic experience studies to make sure assumpticalculate liabilities, contributions and costs are reason date. The Plan's last experience study was done in 201	per 1, 2012 through actuary to perform ons being used to able and update-to-					
Mr. Lawrence reported that the current assumptions are and Nyhart has very few recommendations. Two of assumption refinements were already adopted by the Einclude:	f the recommended					
<ol> <li>Lowering the interest rate used to discount be 7.5% to 7.0% which is being done over a 5-yea 10 basis points per year.</li> <li>Lowering the amortization of unfunded liabilities which is being done on all new bases.</li> </ol>	ar period at a rate of					
Mr. Lawrence advised the Board that actuarial standar return to the Board if they believe that 7.0% is no leassumption. At this time, they are comfortable with it.						
Mr. Lawrence addressed the other assumptions they ar refined:	re recommending be					
<ol> <li>Increase retirement rates to reflect experience participants retiring at first eligibility more often.</li> <li>Increase withdrawal rates beginning on the 8<sup>th</sup> reflect experience.</li> <li>Lower rate of inflation from 2.5% to 2.0% annua</li> <li>Realign rates between inflation and merit by inflation by 0.5% to 2.0% and increasing merit p service levels.</li> </ol>	h year of service to  lly  / lowering baseline					
The total impact to the funding percentage if all reconsidered, including taking the current discount rate immediately, would be approximately 3%; i.e. going from funded. Since the Plan is phasing in the discount rate r	of 7.4% to 7.0% of 69% funded to 66%					

Board of Trustees Minutes Page Six	August 19, 2019	TRUSTEES	М	s	Y	N
Increments rather than making an immediate change the funded rate is approximately 30 basis points.	to 7.0%, the impact to					
Mr. Lawrence advised the Board that there is a proposed has not yet been finalized. Under the new proposed would be required to value things at a best estimate as to say that from a funding perspective, the Plan could the discount rate in 10% increments to 7.0%; howe standpoint, the actuary would be required to value it at then need to be a blend of the funding contribution among years to get to that point. If this standard is finalized, this issue with the Board.	standard, an actuary sumption. That is not not continue to lower ver, from a reporting at 7.0%. There would bunt over the next four					
<b>MOTION:</b> To adopt the recommended assumption of the Nyhart Experience Study presented on August 19 with the 10/1/2019 actuarial valuation. PASSED 9-0.		O'Connell Samolewicz Aaronian		X	X X X	
The four new assumption changes are expected to in approximately \$80,000 annually.	ncrease contributions	Christophers Drago Femia Hall McGinnis	X		X X X X	
SUGARMAN & SUSSKIND, PA LEGAL REPORT		Rossi			Х	
Mr. Sugarman congratulated Trustee Drago on a towelcomed trustee elect Patrick Hanrahan on boa commented that it was encouraging to see 80% of the vote in a pension election. It shows the great interest their pension plan.	ard. Mr. Sugarman voters in a closed plan					
Mr. Sugarman reported that Grant & Eisenhofer appropriation & Décor derivative case. Since the Board reject & Décor securities litigation matter presented by Robb invite G&E to present the matter. Mr. Sugarman no wishes to discuss it, he will invite them.	ed pursuing the Floor pins Geller, he did not					
Chairman O'Connell mentioned that since the Board Décor matter, lead plaintiff status was granted to an C The Floor & Décor derivative is a different kind of litiga in Delaware.	Oklahoma police fund.					
None of the Trustees expressed interest in inviting in discuss the Floor & Décor derivative matter.	Grant & Eisenhofer to					
Sugarman & Susskind drafted a proposed ordinance firefighters' cancer bill. Under the new legislation, if a fi with one of the defined forms of cancer, he or she cancer connected disability. The firefighter must be employed demonstrate that he or she has not been employed which is proven to create a higher risk for cancer. If a the disability standard of the Plan which is total and per	refighter is diagnosed n apply for a service- d full-time and able to in any other position firefighter can satisfy					

Board of Trustees Minutes Page Seven	August 19, 2019	TRUSTEES	М	s	Y	N
incapacitation from rendering useful and efficient service the presumption is that the disability is service-connection.						
Mr. Sugarman stated that they do not know the answ presumption is conclusive or rebuttable. If it is rebutt will be tax-free. If not rebuttable, then the benefit may still trying to sort out this question.	table, then the benefit					
Mr. Sugarman indicated that the proposed ordin intended to comply with the legislation; however, the will have to work their way through the courts.						
<b>MOTION:</b> To accept the proposed ordinance an actuarial equivalence and the firefighters' cancer Executive Director to obtain an actuarial impact state both to the City with a recommendation that the proposed ordinance and actuarial equivalence and the firefighters' cancer Executive Director to obtain an actuarial impact state both to the City with a recommendation that the proposed ordinance and actuarial equivalence and the firefighters' cancer Executive Director to obtain an actuarial impact state both to the City with a recommendation that the proposed ordinance and actuarial equivalence and the firefighters' cancer Executive Director to obtain an actuarial impact state both to the City with a recommendation that the proposed ordinance and actuarial equivalence and actuarial impact state both to the City with a recommendation that the proposed ordinance and actuarial impact state both to the City with a recommendation that the proposed ordinance and actuarial equivalence actuarial equiva	bill, to authorize the ement, and to forward osed amendments be	O'Connell Samolewicz Aaronian Christophers Drago Femia Hall McGinnis Rossi	X	X	X X X X X X X	
Mr. Sugarman presented the opinion memorandum fro General dated July 25, 2019, regarding penetration test System's electronic data storage systems. The AG of is permissible if the Board determines that it is administration and operation of the fund.	sting of the Retirement prined that this testing	KUSSI			^	
The Executive Director forwarded this information consultant and requested he render a recommend vulnerability testing should be performed given he Retirement System's computer infrastructure an recommended to also identify a large nationally known service. The IT Consultant will attend the September present his report and recommendation.	dation as to whether is knowledge of the d environment. If wn firm to perform the					
ADMINISTRATIVE AND MISCELLANEOUS ISSUES						
The Executive Director submitted a memorandum review of disability retirees. Under the Board's policy, or more of the criteria to be exempted from the reMunson, Mark Rider and Mitchell Grossman.	everyone has met one					
MOTION: To accept all disability retirees as exempt fr with no further action with the exception of Mark Mur Mitchell Grossman. PASSED 9-0.		O'Connell Samolewicz Aaronian Christophers Drago Femia Hall McGinnis Rossi	X	x	X X X X X X X	

Board of Trustees Minutes A Page Eight	August 19, 2019	TRUSTEES	М	S	Y	N
The Executive Director reported that three trustees and bot were selected in the FPPTA annual lottery to attend the program in New York.						
The only Trustee who did not have a schedule conflict was Samolewicz. The remaining four spots will be returned to placed with other plans.						
<b>MOTION:</b> To approve Vice-Chairman Samolewicz to att NYSE program on March 24-28, 2020 in New York. PASSE		O'Connell Samolewicz Aaronian Christophers Drago Femia Hall McGinnis Rossi	X	X	X X X X X X X	
Vice-Chairman Samolewicz reported that he, Trustee Aa Executive Director met with the event coordinators at the M discussed the contract for the 2020 Educational Sym Chairman Samolewicz noted it was a very productive discussion met our request for concessions in the room rate a amenities.	arriott Hotel and posium. Vice-cussion and the					
<b>MOTION:</b> To approve the Group Sales Agreement with the for the 2020 Educational Symposium as presented as recorn Executive Director subject to review and approval by Sugarr PASSED 9-0.	nmended by the	O'Connell Samolewicz Aaronian Christophers Drago Femia Hall McGinnis Rossi	X	X	X X X X X X X	
The Board reviewed the Your Pension Matters newsletter for June 30.	r quarter ending					
COMMITTEE REPORTS						
Investment Committee:						
Committee Chairman Aaronian thanked the committee metime at the lengthy meeting on June 27. She reported that evaluated the need for a formal securities litigation policy and it was preferable to continue with the existing procedure historically employed. The committee is recommending on procedure which is to have the Board negotiate the lessecurities litigation firm at the onset of each case.	at the committee d concluded that that has been the change to the					

Board of Trustees Minutes Page Nine	August 19, 2019	TRUSTEES	М	s	Υ	N
<b>MOTION</b> : To recommend to the Board of Trustees that in the same manner as it has been for securities littichange – to negotiate the legal fees with a securitie onset of each case. PASSED 9-0.	igation cases with one	O'Connell Samolewicz Aaronian Christophers Drago		X	X X X X	
The Board agreed that the procedure documented by would be referred to as its standard operating proced		Femia Hall McGinnis Rossi	Х		X X X	
Committee Chairman Aaronian discussed the reque to have staff provide a list of the win percentages of litigation firms. Mr. Sugarman responded that there is them by awards but those are not win percentages be cases are settled. It ranks the firms in terms of numb but it does suggest who the major players are. The Be with all well-known major firms.	of the top 20 securities a magazine that ranks ecause over 98% of the pers rather than quality,					
Committee Chairman Aaronian reported on the cregarding DROP Plan fees. A fee comparison was eleven responding plans, it was noted that while the feour members are permitted to stay beyond retirem require the members to move their money out of the E	performed, and of the ee is higher in this plan, nent. The other plans					
Currently, the DROP administration fee is 75 basis particles is recommending that the fee be reviewed again based year activity and be brought back for discussion in numbers are available.	sed on 9/30/2019 fiscal					
Some discussion ensued as to what DROP plan cost the review. Committee Chairman Aaronian redetermination of the appropriate costs to be included in when all the September 30 fiscal year information is a	commended that the in the analysis be made					
MOTION: To table the determination of which costs the analysis of DROP administration fees until such a 30 information is available to the Investment Committee	time as the September	O'Connell Samolewicz Aaronian Christophers Drago Femia Hall McGinnis Rossi	x	X	X X X X X X X	
Communications/Cyber Review Committee:						
Committee Chairman Rossi reported that CNI has compliance solution on the existing website.	implemented the ADA					
The Executive Director communicated with a comp Economic Computers that does full ADA compliance the Plan's proposed new website, this would be their of approximately \$1,000/month. She is working on ic	Based on the size of smallest client at a cost					

Board of Trustees Minutes Page Ten	August 19, 2019	TRUSTEES	M	S	Y	N
companies that may offer a more competitively priced will be brought back to the September 23 Board meet						
The link to the test site for the revised website was circ has been received. The Executive Director will recommittee members.						
Budget Committee:						
Committee Chairman Hall submitted the committee's review and comments before final adoption on Septer						
The informal budget variance report as of June 30, 20	019 was distributed.					
EXECUTIVE DIRECTOR'S REPORT						
The Executive Director reported the following:						
The Election Committee's voting certification I	etter was distributed.					
The fund received a fourth distribution from the in the amount of \$28,391.90.	ne Madoff Victim Fund					
The hall camera which shows staff a webcam other side of the door is no longer working. It want there is no warranty. All Florida Alarms was replacement options for the Board's consideration.	vas purchased in 2005 was asked to price out					
The Board agreed by consensus to authorize the purchase a ring camera at a cost not to exceed \$2,0 it was agreed that a ring camera will likely cost \$200-monthly maintenance charge of approximately \$1 or \$200-monthly maintenance charge of approximately \$1.000 monthly monthly maintenance charge of approximately \$1.000 monthly monthly maintenance charge of approximately \$1.000 monthly monthly monthly maintenance charge of approximately \$1.000 monthly mo	00. During discussion \$300 with a very small					
At the conclusion of the Executive Director's Report, to a letter dated August 19, 2019, from retired police which was distributed to all the Trustees. The letter red be performed regarding conduct by Chairman O'C other Trustees during the police trustee election as all	member, Adam Burns, quests an investigation onnell and potentially					
Chairman O'Connell asked the Trustees to read the legal counsel provide guidance on how to proceed Board meeting.						
Attorney Sugarman responded that he had read the I now to the allegations. One of Mr. Burns' complaints of the police trustee election, specifically how th containing the ballots were handled. If the Board re election, then the burden to prove any irregularities seeks to set aside the election. That person should be	s involves the conduct ne mailing envelopes ceives a protest to an is on the person who					

Board of Trustees Minutes Page Eleven	August 19, 2019	TRUSTEES	М	S	Y	N
they have of irregularities. The election materials are in accordance with public records rules.	available and retained					
Another of Mr. Burns' complaints involved the Chairm during the election. Mr. Sugarman commented the member of this fund and we have freedom of speech. for or against other candidates. Democracy is the being going to represent people and the way the Board is election.	at the Chairman is a Anyone can campaign est way to decide who					
Another of Mr. Burns' complaints involved the Chairn that the Board of Trustees passed in 2015 when authority to secure their safety when and if they feel the for a BSO detail without having to publicly request it a	it gave staff omnibus reatened by arranging					
Mr. Sugarman concluded that unless the Board of Tru some proof of irregularities or ballot stuffing, then t legally supportable.						
The Executive Director asked that the record reflect t election according to the existing election policy ar takes exception to any suggestion that staff would permit any manipulation of ballots under her control. to unilaterally change the procedure by not opening the responded that it would not be in accordance with the	nd procedure and she manipulate ballots or When she was asked he outer envelope, she					
Trustee Drago responded that he is not accusing objection to opening the envelopes due to accusation						
Trustee Drago was asked if he observed anything irropening and counting by the Election Committee. He not but still objected to the mailing envelope being op	responded that he did					
During discussion, it was clarified that there are three mailing envelope that is opened by staff, which there white signature envelope that is NOT opened by sta 3) a sealed blue ballot envelope that is NOT opened	n contains 2) a sealed ff, which then contains					
During further discussion where individual trust viewpoints, Trustee Drago stated a continued objection	•					
ADJOURNMENT						
<b>MOTION:</b> To adjourn the August 19, 2019 Board PASSED 9-0.	meeting at 5:03 PM.	O'Connell Samolewicz Aaronian Christophers Drago Femia Hall McGinnis Rossi	X	X	X X X X X X X X	

Board of Trustees Minutes Page Twelve	August 19, 2019	TRUSTEES	M	s	Υ	N
Respectfully submitted,						
Debra Tocarchick, CEBS Executive Director						
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		4				
DISTRIBUTION: Board of Trustees Robert A. Sugarman, Esq. Pedro Herrera, Esq. Tayt Odom, Actuary City Manager Mayor and City Commission City Clerk Assistant City Attorney City HR Director President IAFF Local 1549 Marcum						

## **REGULAR MEETING – AUGUST 19, 2019**

## ITEM NO. 7 - WARRANT NOS. 5135 THROUGH 5152

## Ratified and Approved on 8/19/2019

WARRANT NO.	PAYABLE TO	DESCRIPTION	AMOUNT	
5135	Debra Tocarchick  One-time payroll due to salary increase to be applied to payroll ending 7/31/2019, retroactive to 7/1/2019, less 10% 401(a) employee contribution, and 457 employee contribution; \$4,935.15, 401(a) employee and employer contribution \$1,152.26, 457 employee contribution, \$250.00, Total \$6,337.41			
5136	Debra Tocarchick	Salary increase to be applied commencing 8/1/2019, less 10% 401(a) employee contributions and 457 employee contribution; \$4,699.47, 401(a) employee and employer contribution \$1,099.88, 457 employee contribution, \$250.00, <b>Total \$6,049.35</b>	6,049.35	
5137	Trustee & Fiduciary Insurance Services Inc.	Renewal of RLI Fiduciary Liability Insurance for one year effective 8/8/2019 limit \$5 million, deductible \$25,000; \$25,225.00	25,225.00	
5138	Sands Nuance Renaissance Lazard	Inv mgmt. fee quarter ended 6/30/2019; \$23,747.09 Inv mgmt. fee quarter ended 6/30/2019; \$10,955.88 Inv mgmt. fee quarter ended 6/30/2019; \$27,356.59 Inv mgmt. fee quarter ended 6/30/2019; \$21,698.16	83,757.72	
5139	Minuteman Press Office Depot Arthur J. Gallagher	Inv No. 64848, 1,000 #10 Envelopes; <b>\$224.02</b> Inv No. 342573886001, Office supplies; <b>\$30.03</b> Inv No. 3109879, Annual Premium for Cyber Liability Insurance effective 8/21/2019; <b>\$1,313.75</b>	1,567.80	
5140	Jeannie Ellis	Survivor benefits commencing August 1, 2019 under 100% survivor option to designated beneficiary of George B. Ellis, Jr. who deceased on 7/14/2019; <b>\$3,290.16</b>	3,290.16	
5141	G&C Platinum 2500 Investors, LLC	Recurring monthly office rent effective 10/1/2019; \$3,119.11	3,119.11	
5142	Blackrock Morgan Stanley Brookfield Victory	Inv mgmt. fee quarter starting 7/1/2019; \$18,893.51 Inv consulting fee quarter ended 6/30/2019; \$21,653.75 Inv mgmt. fee quarter ended 6/30/2019; \$14,429.06 Inv mgmt. fee quarter ended 6/30/2019; \$13,461.00	68,437.32	
5143	Tracy J. Glass	Normal retirement benefit commencing 9/1/2019 as a result of reaching end of DROP period on 8/31/2019; \$3,932.28	3,932.28	
5144	Tracy J. Glass	Lump sum distribution of Share Plan account as a result of separation of service on 8/31/2019; <b>\$66,236.11</b>	66,236.11	
5145	Vantagepoint Transfer Agents/457 FBO Tracy J. Glass	Lump sum distribution of balance of 95% of Fund Rate DROP account via trustee-to-trustee transfer to Vantagepoint Transfer Agents/457 due to separation of service on 8/31/2019; \$471,877.33	471,877.33	

## **REGULAR MEETING – AUGUST 19, 2019**

## ITEM NO. 7 - WARRANT NOS. 5135 THROUGH 5152

## Ratified and Approved on 8/19/2019

5146	Jorge Rossi	OPAL Public Funds Summit expense reimbursement;	27,010.96
	Daniel Christophers	\$35.86 OPAL Public Funds Summit expense reimbursement; \$1,228.04	
	Xerox Corporation	Inv No. 097618243, July lease; \$150.59, excess print charges; \$47.86, <b>Total \$198.45</b>	
	Wells Fargo	Inv mgmt. fee quarter ended 6/30/2019; <b>\$25,548.61</b>	
5147	Bank of America	Debra Tocarchick: Telephone & internet; \$301.16, Board meeting supplies; \$175.34, Publications, \$116.97; Mail courier; \$35.65, Go Daddy website domain (\$4.99), <b>Total \$624.13</b> Maureen Femia: Board meeting supplies; <b>\$111.89</b> Sharra Aaronian: OPAL Public Funds Summit expenses; <b>\$325.00</b> Robert Drago: Public Funds Forum hotel; \$1,196.68, Public Funds registration; \$800.00, <b>Total \$1,996.68</b> Jorge Rossi: OPAL Public Funds Summit expenses; <b>\$175.21</b>	3,232.91
5148	Sharra Aaronian Richard Samolewicz	OPAL Public Funds Summit expense reimbursement; \$607.00 OPAL Public Funds Summit expense reimbursement;	3,567.50
	FP Mailing Solutions  Greater Pompano Beach Chamber of Commerce The Berwyn Group	\$2,132.50 Inv No. #RI104152703, 08/02/19 — 11/01/19 quarterly postage meter lease; \$78.00 Annual membership for period ending 08/31/2019; \$350.00 Inv No. 44139; Annual license fee for death check	
		verification services through July 2020; \$400.00	
5149	UBS Financial Services/IRA FBO Ted Patton	Trustee-to-trustee transfer of balance of Fund Rate DROP account for earnings less fees for quarter ended 6/30/2019; \$11,972.35	11,972.35
5150	UBS Financial Services/IRS Vantagepoint Transfer Agents/457 FBO Daron E. Davis	Lump sum distribution of 95% balance of Fund Rate DROP account via trustee-to-trustee transfer of \$675,000.00 to UBS Financial Services/IRA and \$36,409.58 to Vantagepoint Transfer Agents/457, <b>Total</b> \$711,409.58	711,409.58
5151	Vantagepoint Transfer Agents/457 FBO David W. Smith	Trustee-to-trustee transfer of balance of Fund Rate DROP account for earnings less fees for quarter ended 6/30/2019; \$50,017.78	50,017.78
5152	Vantagepoint Transfer Agents/457 FBO Michael Johnson	Lump sum distribution of balance of 95% of Fund Rate DROP account via trustee-to-trustee transfer to Vantagepoint Transfer Agents/457 due to separation of service on 2/11/2019; \$296,618.41	296,618.41

## SUMMARY OF RELEVANT FACTS Pompano Beach Police & Firefighters' Retirement System As of June 30, 2019

Distribution of Assets:			Other Important Facts:			MAIN ACCOUNT (NON-MAN	IAGED)	
Equity			Total Portfolio		\$244,648,530	Cash	100.00%	\$1,345,175
-Large Cap. Value	\$30,249,762		Total Gain or (Loss) - Gross of Fe	es	\$8,152,335	Gain or (Loss)		\$5,010
-Large Cap. Growth	\$31,812,354		,			, ,		
-Mid Cap. Value	\$12,573,709		BLACKROCK			LAZARD (International Valu	e)	
-Small/Mid Cap. Growth	\$13,511,954		Total Assets	100.00%	\$30,249,762	Total Assets	100.00%	\$18,778,286
-International Value	\$18,778,286		Equity	95.38%	\$28,851,300	Equity	96.24%	\$18,072,727
-International Growth	<u>\$18,265,345</u>		Cash	4.62%	\$1,398,462	Cash	3.76%	\$705,559
Total Equity		\$125,191,410	Fees		(\$18,918)	Fees		(\$21,011)
Fixed Income		\$54,520,952	Gain or (Loss)		\$1,457,702	Gain or (Loss)		\$804,291
Private Real Estate		\$20,632,474						
Fund of Hedge Funds		\$22,749,639	SANDS CAPITAL MANAGEMEN	IT		RENAISSANCE (Internation	al Growth)	
Master Limited Partnerships		\$11,574,959	Total Assets	100.00%	\$15,913,975	Total Assets	100.00%	\$18,265,345
Private Equity		\$8,633,922	Equity	97.11%	\$15,453,944	Equity	98.28%	\$17,951,972
Cash (Non-Managed Account)		<u>\$1,345,175</u>	Cash	2.89%	\$460,030	Cash	1.72%	\$313,373
Total Portfolio		\$244,648,530	Fees		(\$23,775)	Fees		(\$26,710)
			Gain or (Loss)		\$633,226	Gain or (Loss)		\$350,811
Distribution by Percentages:	Policy	Current						
Equity Breakdown			SAWGRASS ASSET MANAGEM	IENT		STANDISH MELLON		
-Large Cap. Value	12.50%	12.36%	Total Assets	100.00%	\$15,898,380	Total Assets	100.00%	\$27,248,204
-Large Cap. Growth	12.50%	13.00%	Equity	99.61%	\$15,837,013	Fixed	95.28%	\$25,961,731
-Mid Cap. Value	5.00%	5.14%	Cash	0.39%	\$61,367	Cash	4.72%	\$1,286,473
-Small/Mid Cap. Growth	5.00%	5.52%	Fees		(\$18,866)	Fees		(\$14,372)
-International Value	7.50%	7.68%	Gain or (Loss)		\$713,592	Gain or (Loss)		\$784,054
-International Growth	<u>7.50%</u>	<u>7.47%</u>						
Total Equity	50.00%	51.17%	NUANCE			INCORE/VICTORY (FORMER	RLY MUNDER)	
Fixed Income	22.50%	22.29%	Total Assets	100.00%	\$12,573,709	Total Assets	100.00%	\$27,272,748
Private Real Estate	7.50%	8.43%	Equity	92.78%	\$11,665,282	Fixed	99.36%	\$27,096,951
Fund of Hedge Funds	10.00%	9.30%	Cash	7.22%	\$908,426	Cash	0.64%	\$175,797
Master Limited Partnerships	5.00%	4.73%	Fees		(\$12,135)	Fees		(\$13,094)
Private Equity	5.00%	3.53%	Gain or (Loss)		\$723,569	Gain or (Loss)		\$772,561
Cash (Non-Managed Account)	0.00%	0.55%						
Total Portfolio	100.00%	100.00%	WELLS			NB CROSSROADS (PRIVAT	•	
NU/2000 (D.L D L.T )			Total Assets	100.00%	\$13,511,954	Total Assets	100.00%	\$3,405,628
INVESCO (Private Real Estate)	400 000/	A.= 000 .=.	Equity	96.97%	\$13,102,698	Gain or (Loss)		\$0
Private Real Estate	100.00%	\$17,632,474	Cash	3.03%	\$409,257	ND ODGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGG	F FOLUENO #0	
Fees		(\$48,918)	Fees		(\$27,208)	NB CROSSROADS (PRIVAT	•	<b>60 700 040</b>
Gain or (Loss)		\$181,196	Gain or (Loss)		\$1,359,423	Fund of Hedge Fund	100.00%	\$2,790,318 \$0
OFFICE BUILDING			Bine Crove Fund of Hodge Fund			Gain or (Loss)		\$0
OFFICE BUILDING	100.00%	¢3 000 000	Pine Grove Fund of Hedge Fund Fund of Hedge Fund		\$10 664 016	DI ACKSTONE (DDIVATE E	OLUTY)	
Total Assets Gain or (Loss)	100.00%	\$3,000,000 \$31,875	Gain or (Loss)	100.00%	\$10,664,016 \$137,965	Total Assets	100.00%	\$1,541,551
Gaill of (Loss)		φ51,075	Gaill Of (LOSS)		\$137,905	Gain or (Loss)	100.00 %	
Center Coast Master Limited Par	rtnershins		Ironwood Fund of Hedge Fund			Cam or (LOSS)		(\$65,547)
Fund of Hedge Fund	100.00%	\$11,574,959	Fund of Hedge Fund	100.00%	\$12,085,623	GOLDMAN SACHS (PRIVAT	F FQUITY)	
Gain or (Loss)	100.0070	\$3,763	Gain or (Loss)	100.0070	\$258,845	Total Assets	100.00%	\$896,425
Jan. 5. (2000)		ψ5,705	Sa SI (2000)		Ψ200,040	Gain or (Loss)	100.0070	\$0
						Jan or (LOSS)		Ψ

# BREAKDOWN OF RETURNS Pompano Beach Police & Firefighters' Retirement System As of June 30, 2019

### TRADITIONAL INVESTMENTS

BLACKROCK	Your Return	S			
.arge Cap. Value	Gross	Net	Russ 1000 Value	PSN Money Mgrs.	S&P 500
Quarter	4.96	4.90	3.84	3.80	0.61
1 year	8.40	8.13	8.46	7.37	3.06
3 year	11.92	11.48	10.19	11.07	11.06
5 year	8.85	8.33	7.46	8.00	6.07
Since 1/31/2013	10.61	10.06	10.80	NA	8.49
	10.01	10.00	10.60	INA	6.49
SANDS CAPITAL					
arge Cap. Growth			Russ 1000 Growth	PSN Money Mgrs.	
Quarter	4.07	3.91	4.64	5.11	
1 year	8.97	8.28	11.56	11.40	
3 year	23.07	22.34	18.07	16.52	
5 year	13.46	12.78	13.39	11.81	
Since 5/31/2003	13.23	12.58	10.42	NA	
SAWGRASS	. 0.20	12.00	101.12		
arge Cap. Growth	4.00	4.54	Russ 1000 Growth	PSN Money Mgrs.	
Quarter	4.63	4.51	4.64	5.11	
Since 1/31/2019	12.60	12.47	11.47	NA	
IUANCE					
lid Cap. Value			Russ Mid Value	PSN Money Mgrs.	
Quarter	6.01	5.91	3.19	3.05	
Since 6/30/2018	14.95	14.60	3.68	1.04	
Nuance/RBC Global - 3 year	11.94	11.58	8.95	10.29	
Nuance/RBC Global - 5 year	7.12	6.60	6.72	6.41	
- I					
Nuance/RBC Global - Since 1/31/2009	15.19	14.57	15.48	NA	
VELLS					
mall/Mid Cap. Growth			Russ 2500 Growth	PSN Money Mgrs.	
Quarter	11.01	10.77	4.14	4.21	
1 year	18.62	17.64	6.13	3.51	
3 year	21.70	20.66	16.14	17.44	
5 year	13.20	12.20	9.98	10.34	
Since 1/31/2009	19.48	18.45	17.20	NA	
	19.40	10.45	17.20	INA	
AZARD					
nternational Value			MSCI AC Wrld x US		
Quarter	4.47	4.35	2.98		
1 year	1.89	1.40	1.29		
3 year	8.05	7.52	9.39		
5 year	2.72	2.20	2.16		
Since 1/31/2013	4.89	4.38	4.19		
RENAISSANCE	1100				
nternational Growth			MSCI AC World II II I		
	4.04	4.70	MSCI AC Wrld x US		
Quarter	1.94	1.79	2.98		
1 year	(4.26)	(4.83)	1.29		
3 year	6.43	5.79	9.39		
5 year	1.03	0.39	2.16		
Since 1/31/2009	8.84	8.17	8.57		
STANDISH MELLON					
ixed Income			BC Aggregate	BC Int. Aggregate	BC Int. Gov/Credit
Quarter	2.96	2.91	3.08	2.39	2.59
1 year	7.81	7.56	7.87	6.73	6.93
3 year	2.35	2.10	2.31	2.03	1.99
5 year	2.87	2.57	2.95	2.46	2.39
Since 4/30/2003	4.20	3.87	4.08	3.72	3.53
NCORE/VICTORY (Munder)					
ixed Income			BC Aggregate	BC Int. Aggregate	BC Int. Gov/Credit
Quarter	2.91	2.87	3.08	2.39	2.59
	7.70	7.48	7.87	6.73	6.93
1 year					
3 year	2.68	2.47	2.31	2.03	1.99
5 year	3.05	2.87	2.95	2.46	2.39
Since 9/30/2002	4.47	4.25	4.17	3.79	3.65

### **ALTERNATIVE INVESTMENTS**

ALTERNATIVE INVES	STMENTS					
INVESCO						
Private Real Estate		Gross	Net	NCREIF	NCREIF ODCE	BC Aggregate
	Quarter	1.04	0.76	1.51	0.99	3.08
	1 year	7.02	5.83	6.50	6.41	7.87
	3 year	7.95	6.75	6.89	7.57	2.31
	5 year	10.22	9.01	8.83	9.76	2.95
	Since 7/31/2006	6.46	5.32	7.34	6.54	4.40
OFFICE BUILDING						
Private Real Estate				90-Day T-Bill	BC Aggregate	
	Quarter	1.07	1.07	0.61	3.08	
	1 year	5.08	5.08	2.29	7.87	
	3 year	4.59	4.59	1.36	2.31	
	5 year	21.02	21.02	0.84	2.95	
	Since 3/31/2007	0.94	0.88	0.81	4.21	
ronwood	0.1100 0/01/2001	0.0 1	0.00	0.01		
Fund of Hedge Funds				HFRI FOF Cons	BC Aggregate	
and or mongor and	Quarter	2.19	2.19	1.48	3.08	
	1 year	3.53	3.53	1.87	7.87	
	3 year	6.26	6.26	3.73	2.31	
	5 year	4.10	4.10	2.07	2.95	
	Since 7/31/2008	3.64	3.64	2.07 1.47	2.95 4.13	
Pine Grove	SITILE 1/31/2006	3.04	3.04	1.47	4.13	
Fund of Hedge Funds				HFRI FOF Cons	BC Agentages	
and or neage Funds	Quarter	1.31	1.31	HFRI FOF Cons	BC Aggregate 3.08	
	1 year	0.99	0.99	1.87	7.87	
	3 year	4.98	4.98	3.73	2.31	
	5 year	1.54	1.54	2.07	2.95	
	Since 9/30/2008	3.59	3.59	2.14	4.23	
Center Coast						
Master Limited Partner				Alerian MLP		
	Quarter	0.03	(0.09)	0.12		
	1 year	7.52	7.00	3.09		
	3 year	0.96	0.46	(0.42)		
	Since 1/31/2015	(4.66)	(5.08)	(5.27)		
Neuberger Berman				MSCI AC Wrld		
Private Equity #1		Time-Wtd	Dollar-Wtd	/ 90-Day T-Bill	BC Aggregate	
	Quarter	0.00	0.00	0.61	3.08	
	1 year	1.84	1.77	3.06	7.87	
	3 year	11.35	11.95	11.06	2.31	
	5 year	10.81	11.05	6.07	2.95	
	Since 3/31/2010	4.75	10.47	8.39	3.59	
Neuberger Berman				MSCI AC Wrld		
Private Equity #2		Time-Wtd	Dollar-Wtd	/ 90-Day T-Bill	BC Aggregate	
	Quarter	0.00	0.00	0.61	3.08	
	1 year	8.29	8.32	3.06	7.87	
	3 year	12.18	12.13	11.06	2.31	
	Since 7/31/2014	7.43	9.69	6.44	3.05	
Blackstone						
Private Equity		Time-Wtd	Dollar-Wtd	S&P 500	BC Aggregate	
	Quarter	(4.08)	(4.00)	4.30	3.08	
	1 year	2.39	2.16	10.42	7.87	
	3 year	10.96	10.28	14.19	2.31	
	5 year	9.17	7.80	10.71	2.95	
	Since 11/30/2013	10.18	8.05	11.40	3.24	
Goldman Sachs				MSCI AC Wrld		
Private Equity		Time-Wtd	Dollar-Wtd	/ 90-Day T-Bill	BC Aggregate	
	Quarter	0.00	0.00	0.61	3.08	
	1 year	(0.40)	(0.35)	3.06	7.87	
	3 year	6.58	8.47	11.06	2.31	
	5 year	7.02	7.62	6.07	2.95	
	Since 12/31/2013	5.91	7.74	6.72	3.40	
	5.1100 12/01/2010	0.01	1.17	0.12	0.70	

TOTAL FUND				
Time-Weighted Return (TWR)			Policy Index	
Quarter	3.42	3.32	2.98	
1 year	7.14	6.70	6.31	
3 year	9.52	9.05	8.16	
5 year	6.29	5.80	5.53	
Since 9/30/2002	7.71	7.23	7.33	
Since 6/30/1995	7.24			

TOTAL FUND				
Dollar-Weighted Net Return (IRR)		Actuarial Rate	CPI +3	
Quarter	3.32	1.82	1.20	
1 year	6.75	7.50	4.83	
3 year	9.16	7.50	5.11	
5 year	5.64	7.50	4.47	
Since 9/30/2002	7.45	7.50	5.12	

### Note

Per the Board's request, all performance results (including but not limited to rates of return, risk, measures, unit values, and dollar values) prior to September 30, 2002, were provided by GRS Asset Consulting Group, who was the previous consultant. The performance data is believed to be accurate, but there is no assurance. Graystone Consulting has not calculated or independently verified the accuracy of the returns or market values and is not responsible or liable for any mistake or miscalculations. Effective September 30, 2002, all valuations and rates of return are calculated by Graystone Consulting.