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185,850,000

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		Transmitter Optical Subassembly TOSA Receiver Optical Subassembly ROSA
OSA		Optical Subassembly
BARREL		850NM TOSA
LENS		
MPO		Multi-fiber Pull Off
4G		3G WLAN LTE Long Term Evolution TDD-LTE FDD-LTE 4G
5G		4G
		2016 1 1 2016 12 31
		2015 1 1 2015 12 31

			300394
			Suzhou TFC Optical Communication Co.,Ltd
			TFC
			17
			215129
			695
			215129
			www.tfcsz.com
			zhengquan@tfcsz.com

	695	695
	0512-66905892	0512-66905892
	0512-66256801	0512-66256801
	zhengquan@tfcsz.com	zhengquan@tfcsz.com

	www.cninfo.com.cn

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	5		2015 2 17 2018 12 31

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	2016	2015		2014
	310,047,077.82	237,030,890.85	30.80%	200,643,770.10
	121,577,742.89	103,265,623.65	17.73%	88,675,340.99
	113,648,432.12	97,142,765.75	16.99%	84,528,511.26
	153,522,163.07	103,330,861.15	48.57%	59,985,442.43
/	0.6542	0.5753	13.71%	0.60
/	0.6542	0.5753	13.71%	0.60
	17.04%	17.40%	-0.36%	31.08%
	2016	2015		2014
	815,998,956.61	707,424,429.72	15.35%	345,113,633.91
	757,089,391.66	677,142,048.77	11.81%	325,532,838.82

	70,717,102.87	73,309,327.88	80,896,763.12	85,123,883.95
	28,644,780.14	31,540,700.90	28,608,289.46	32,783,972.39

	26,052,231.24	29,503,452.96	28,352,650.84	29,740,097.08
	35,727,724.72	27,683,820.72	39,195,530.42	50,915,087.21

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	2016	2015	2014	
	-51,991.78	915.81		
	2,313,523.00	3,139,838.00	4,511,050.49	
	7,090,207.98	4,040,273.98		
	-23,138.30	22,334.45	44,961.78	
			464,640.00	
	1,399,290.13	1,080,504.34	873,822.54	
	7,929,310.77	6,122,857.90	4,146,829.73	--

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OSA

BARREL LENS MPO

OSA

BARREL LENS

2015

310,047,077.82

30.80%

121,577,742.89

17.73%

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30.80%

2 17.73%

2012

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	315.32 35%
	120.35%
	77.54%
	57.72%
	38.82%
	34.41%
	29.76%
	27.93%
	34.28%
	37.09%

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2016

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30.80%

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17.73% 2015

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77.39%

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	309,877,835.23	118,504,725.19	61.76%	30.84%	35.60%	-1.34%
	285,329,864.57	106,589,892.52	62.64%	23.17%	24.75%	-0.47%
	231,250,646.07	96,708,822.60	58.18%	13.70%	20.60%	-2.39%
	78,796,431.75	21,902,348.89	72.20%	134.20%	199.42%	-6.05%

子公司名称	注册资本（万元）	主营业务	备注
江西天孚科技有限公司	5,000	制造销售电子元器件	2016年8月由本公司设立，系

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1,637.72

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	112,381,860.89
	36.25%
	0.00%

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1		34,386,255.07	11.09%
2		29,848,217.74	9.63%
3		19,569,987.50	6.31%
4		15,533,703.89	5.01%
5		13,043,696.69	4.21%
	--	112,381,860.89	36.25%

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	41,021,819.71
	67.22%
	0.00%

5

1		22,185,925.55	36.36%
2		7,688,675.20	12.60%
3		3,961,244.17	6.49%

4		3,683,197.00	6.04%
5		3,502,777.78	5.74%
	--	41,021,819.71	67.22%

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36.36%

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	2016	2015		
	6,722,924.74	3,991,104.02	68.45%	
	52,630,384.23	30,676,284.42	71.57%	
	-6,192,244.32	-3,486,613.18	-77.60%	

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40G

100G OSA

/

77.39%

2,630.32

	2016	2015	2014
	156	128	58
	12.17%	13.13%	6.85%
	26,303,191.82	14,827,479.12	8,900,883.07
	8.48%	6.26%	4.44%
	0.00	0.00	0.00
	0.00%	0.00%	0.00%

	0.00%	0.00%	0.00%

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	2016	2015	
	300,290,696.48	253,227,947.64	18.59%
	146,768,533.41	149,897,086.49	-2.09%
	153,522,163.07	103,330,861.15	48.57%
	479,090,207.98	324,254,273.98	47.75%
	511,774,582.33	612,182,396.50	-16.40%
	-32,684,374.35	-287,928,122.52	88.65%
		285,513,586.30	-100.00%
	41,630,400.00	37,170,000.00	12.00%
	-41,630,400.00	248,343,586.30	-116.76%
	82,338,845.07	64,474,927.43	27.71%

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1. 18.59%

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2. 2.09%

2. 47.75%

3. 16.40%

4. 100% 2015 2.85

5. 12%

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	2016		2015			
	221,979,308.23	27.20%	140,740,463.16	19.89%	7.31%	
	102,976,387.03	12.62%	82,218,692.76	11.62%	1.00%	
	44,923,101.57	5.51%	34,618,907.37	4.89%	0.62%	
		0.00%		0.00%	0.00%	
	3,153,188.01	0.39%		0.00%	0.39%	315.32 35%
	212,132,066.58	26.00%	96,268,905.50	13.61%	12.39%	
	9,844,376.59	1.21%	43,826,255.18	6.20%	-4.99%	
		0.00%		0.00%	0.00%	
		0.00%		0.00%	0.00%	
	35,404,077.48	4.34%	57,871,888.44	8.18%	-3.84%	
	160,000,000.00	19.61%	222,000,000.00	31.38%	-11.77%	
	6,243,072.02	0.77%	9,923,412.76	1.40%	-0.63%	

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	160,000.00	
	160,000.00	—

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3,500,000.00	0.00	100.00%

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			3,500,000.00	35.00%					0.00	-346,811.99		2016 07 28	2016 07 28 http://www.cninfo.com.cn

													35%
													2016-03 6
	--	--	3,500,00.00	--	--	--	--	--	0.00	-346,811.99	--	--	--

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2015	IPO	28,551.36	14,657.51	22,674.4	0	0	0.00%	5,876.96	/	0
	--	28,551.36	14,657.51	22,674.4	0	0	0.00%	5,876.96	--	0
1 [2015]183 (“ ” “ ”) 2015 2 (A) 1,859 1,524 335 21.41 / 1,524 32,628.84 4,077.48137 28,551.35863 2015 2 13 W[2015]B017										
2	2015	8,016.89 W[2016]E1311 2015 12 31 8,016.89								

21,048.06	109.56
404.03	1,202.75
14,657.51	3.2016
2016 12 31	6,947.25
1,070.29	

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	()		(1)		(2)	(3) (2)/(1)				
		24,670	24,670	13,995.62	18,938.69	76.77%	2017 03 31	4,220.83		
		3,887	3,887	661.89	3,735.71	100.00%	2015 12 31			
	--	28,557	28,557	14,657.51	22,674.4	--	--	4,220.83	--	--
	--	28,557	28,557	14,657.51	22,674.4	--	--	4,220.83	--	--
	1									
	2									

	2016 6 30	2017 3 31
		151.29
1.5	2016 12 31	12
	0.4	

			45,000,000	149,629,872.54	77,633,174.26	95,252,493.35	15,660,444.37	14,252,522.91

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1	2010	11	4,500
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2	2016	8	5,000
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3	2016	11	500	60%
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4	2015	11	1,000	2016	7
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350

35%

5	2016 12	7,000	30%
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74.87% 2017

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2016 03 08 03 03			

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2016 5 9	2015	2015
74,340,000	10	5.6
41,630,400	10	15
185,850,000		111,510,000
2016 5 12	2015	2016 5 18

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10	0
10	3.20
10	0
	185,850,000
	59,472,000.00
	276,620,600.70
	100.00%

						20
2017	3	16	2016		2016	12 31
		185,850,000		10	3.2	
2016						

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1 2016 185,850,000 10 3.2

, 59,472,000 2016

2 2015 2015 12 31 74,340,000

10 5.6 41,630,400

10 15 111,510,000 185,850,000

178,865,873.32 2016 5 18

3 2014 74,340,000 10 5

, 37,170,000.00 128,438,019.00

2016	59,472,000.00	121,577,742.89	48.92%	0.00	0.00%
2015	41,630,400.00	103,265,623.65	40.31%	0.00	0.00%
2014	37,170,000.00	88,675,340.99	41.92%	0.00	0.00%

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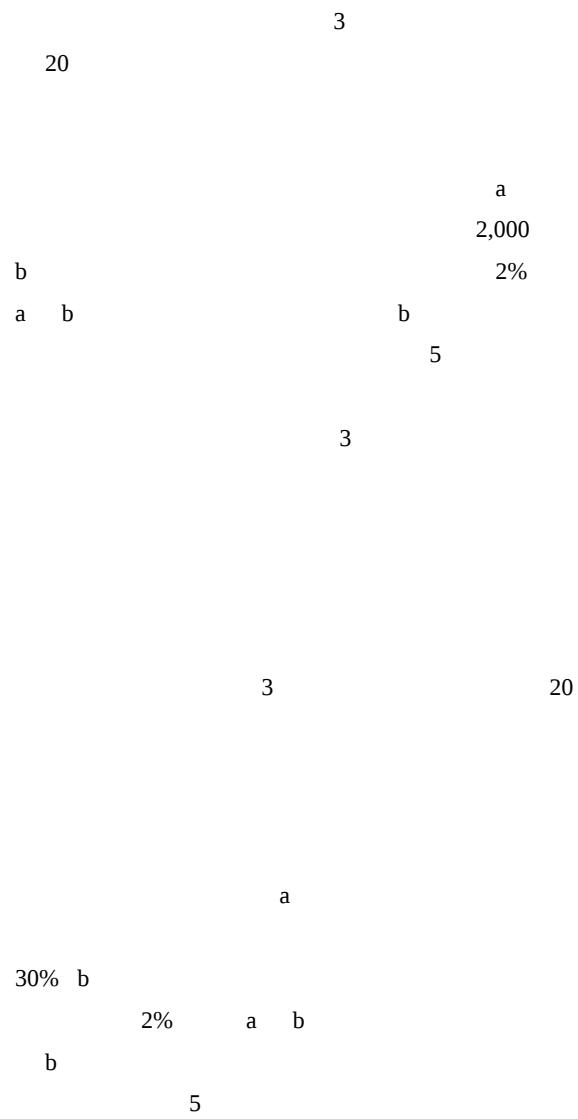
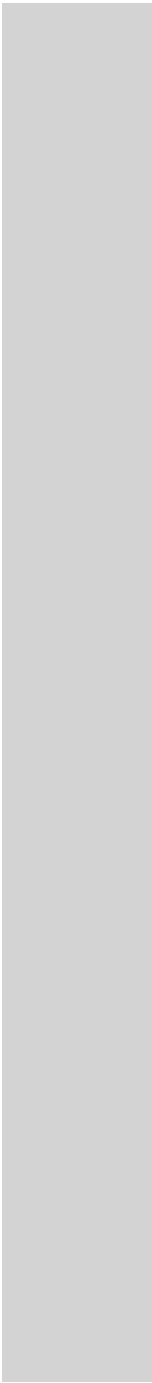
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				2015 01 31		
			25%	2015 01 31		
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			25%	2015 01 31		
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			20	1		
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	IPO			a	31	
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			1 / / 2 / 2015 01 31		

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子公司名称	注册资本（万元）	主营业务	备注
江西天孚科技有限公司	5,000	制造销售电子元器件	2016年8月由本公司设立，系

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			10,000	2015 08 07	2016 02 07	4.15%	10,000	0	209.21	209.21	209.21
			9,000	2015 12 24	2016 06 24	2.6%-3.5 %	9,000	0	137.62	157.93	157.93

			3,200	2015 08 26	2016 03 01	4.1%	3,200	0	68.02	68.02	68.02
			7,000	2016 05 19	2016 11 18	3.5%	7,000	0	123.51	123.51	123.51
			8,000	2016 05 19	2016 08 18	3.5%	8,000	0	70.57	70.57	70.57
			5,000	2016 09 09	2016 12 08	3.2%	5,000	0	39.89	39.89	39.89
			5,000	2016 09 14	2016 12 14	3.2%	5,000	0	39.89	39.89	39.89
			7,000	2016 11 25	2017 02 24	2.8%	0	0	48.33	0	0
			5,000	2016 12 14	2017 03 14	3.2%	0	0	40	0	0
			3,400	2016 12 30	2017 03 20	2.8%	0	0	23.8	0	0
			600	2016 12 20	2017 03 20	2.8%	0	0	4.2	0	0
			63,200	--	--	--	47,200		805.04	709.02	--
			12,000 4,000								
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)			2016 04 12								
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	59,100,000	79.50%			70,701,562	-11,965,625	58,735,937	117,835,937	63.40%
1	42,985	0.06%				-42,985	-42,985	0	
2	85,970	0.12%				-85,970	-85,970	0	
3	45,508,545	61.22%			55,556,250	-8,471,045	47,085,205	92,593,750	49.82%
	45,422,575	61.10%			55,556,250	-8,385,075	47,171,175	92,593,750	49.82%
	85,970	0.12%				-85,970	-85,970	0	
4	13,462,500	18.10%			15,145,312	-3,365,625	11,779,687	25,242,187	13.58%
	13,462,500	18.10%			15,145,312	-3,365,625	11,779,687	25,242,187	13.58%
	15,240,000	20.50%			40,808,438	11,965,625	52,774,063	68,014,063	36.60%
1	15,240,000	20.50%			40,808,438	11,965,625	52,774,063	68,014,063	36.60%
	74,340,000	100.00%			111,510,000	0	111,510,000	185,850,000	100.00%

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1 2016 2 17

22,062,500

29.68%

2 2016 5 8

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2015

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2016 12 31

4.0737

2015

55.28%

2015

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	34,900,000	0	52,350,000	87,250,000		2018-2-17
	12,750,000	3,187,500	14,343,750	23,906,250		
	2,137,500	0	3,206,250	5,343,750		2018-2-17
	712,500	178,125	801,562	1,335,937		
	1,800,000	1,800,000	0	0		2016-2-17
	1,250,000	1,250,000	0	0		2016-2-17
	1,200,000	1,200,000	0	0		2016-2-17
	1,000,000	1,000,000	0	0		2016-2-17

--	--	--	--	--	--	--

148,364

148,364

	148,344	148,344	0	0		2016-2-17
	1,569,852	1,569,852	0	0		2016-2-17
	59,100,000	11,965,625	70,701,562	117,835,937	--	--

1☐ ☒**2**☒ ☐

1 2016 2 17

22,062,500

29.68%

10,078,125

13.56%

2 2016 5 9

2015

2015

74,340,000

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111,510,000

185,850,000

2016 5 18

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	12,566		12,776		0		0
--	--------	--	--------	--	---	--	---

				9		9	
5%				10			
		46.95%	87,250,000	52,350,000	87,250,000	0	
		15.11%	28,075,000	15,325,000	23,906,250	4,168,750	
		2.88%	5,343,750	3,206,250	5,343,750	0	
		2.08%	3,865,377	2,319,226	0	3,865,377	
		1.49%	2,777,020	1,666,212	0	2,777,020	
		1.07%	1,989,644	1,989,644	0	1,989,644	
		0.82%	1,528,800	816,300	1,335,937	192,863	

b@-0y)DPF:5,6m

	4,168,750		4,168,750
	3,865,377		3,865,377
	2,777,020		2,777,020
	1,989,644		1,989,644
	1,341,260		1,341,260
	1,322,250		1,322,250
	900,000		900,000
	726,626		726,626
	608,500		608,500
	593,500		593,500
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		2005 06 08	91320505774698086J	

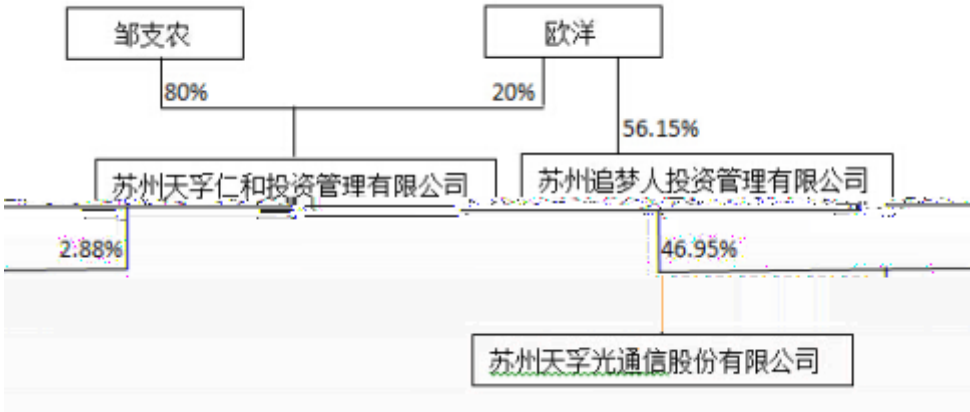
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					2011 49 09 30	2017 10 07					
					2011 49 09 30	2017 10 07					
					2011 49 09 30	2017 10 07	12,750,00 0		3,800,000	19,125,00 0	28,075,00 0

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				2011 35 09 30	2017 10 07					
				2016 41 07 04	2017 10 07					
				2011 43 12 12	2016 06 23					
	--	--	--	--	--	--	13,462,500	0 4,052,450	20,193,750	29,603,800

			2016 06 23	

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2001 10 2004 6

2004 7 2005 6

2005 7

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2001 10 2005 6

2005 7 2011 9

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Kian Tong Pte.Ltd.

1999 6

2006 3

Aston Air Control Pte.Ltd.

2005 7

2005 7 2011 9

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 2006 6 2007 3 2007
 4 2010 2 2010 3 2011 6
 2011 5 2011 9
 5 1983 10
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 6 1957 8
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 1999 12 2002 7
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 SMT
 2011 12
 7 1964 6 1989 1992
 1992 1995 1996
 1998
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 2003 7
 2009 9 2015 2016 1
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 8 1978 10
 2000 7 2001 9
 2007 6 2009 6 2009 7 2014 6
 2014 7 2011 12
 1 1981 3 2003
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2010 6

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2005 6 2005 7 2007 6

2007 7 2011 2 2011 3 2011 9

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7 2008 5 2008 6 2011 9

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2006 4 2012 1 - 2012 1

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			2011 05 05		
			2011 05 05		

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			2016 08 08		
			2010 11 03		
			2016 11 11		
			2002 08 01		
			2014 09 30		
			2016 01 21		
			2009 07 01		
			2014 11 15		
			2013 03 16		
			2015 12 02		
			2015 10 10		
			2016 06 29		
			2014 07 01		
			2015 04 22		
			2013 12 20		
			2014 12 01		
			2015 07 17		

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董事、监事、高级管理人员报酬的决策程序	董事报酬经薪酬与考核委员会审核、董事会审议通过后股东大会审议；监事报酬经监事会审议通过后股东大会审议；高级管理人员报酬经薪酬与考核委员会审核后董事会审议。
董事、监事、高级管理人员报酬确定依据	2015年年度股东大会通过的《关于公司2016年度董事和监事薪酬的议案》
董事、监事和高级管理人员报酬的实际支付情况	报告期内，公司董事、监事、高级管理人员的报酬已按照规定足额支付

			49		52.78	
			49		45.55	

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	195
	1,087
	1,282
	1,282
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	3,153,188.01	
	212,132,066.58	96,268,905.50
	9,844,376.59	43,826,255.18
	14,958,588.32	15,301,223.72
	784,337.24	868,777.78
	1,536,799.65	1,144,513.84
	6,243,072.02	9,923,412.76
	248,652,428.41	167,333,088.78
	815,998,956.61	707,424,429.72
	6,348,521.24	
	25,781,887.06	16,168,573.70
	1,104,017.95	85,247.07
	14,560,059.56	5,777,164.89

	9,277,708.06	7,741,395.29
	190,735.23	
	57,262,929.10	29,772,380.95
	977,490.00	510,000.00
	669,145.85	
	1,646,635.85	510,000.00
	58,909,564.95	30,282,380.95
	185,850,000.00	74,340,000.00

	44,531,574.74	33,669,938.36
	305,294,137.52	236,208,431.01
	757,089,391.66	677,142,048.77
	757,089,391.66	677,142,048.77
	815,998,956.61	707,424,429.72

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	219,285,360.09	139,381,052.66
	35,141,876.79	57,871,888.44
	102,976,387.03	82,218,692.76
	1,136,025.69	1,462,963.83
	763,307.04	

	86,507,336.91	38,525,064.87
	1,459,982.85	29,378,128.18
	7,521,134.13	7,692,493.17
	784,337.24	868,777.78
	848,410.94	660,853.20
	4,392,652.02	8,256,852.36
	206,983,026.38	160,253,405.00
	772,480,654.56	701,157,762.04
	6,348,521.24	
	19,712,976.55	28,446,493.26
	1,104,017.95	85,247.07
	8,241,409.81	3,346,549.68
	7,680,384.17	6,681,032.57
		658,548.38
	43,087,309.72	39,217,870.96

	977,490.00	510,000.00
	977,490.00	510,000.00
	44,064,799.72	39,727,870.96
	185,850,000.00	74,340,000.00
	221,413,679.40	332,923,679.40
	44,531,574.74	33,669,938.36
	276,620,600.70	220,496,273.32
	728,415,854.84	661,429,891.08
	772,480,654.56	701,157,762.04

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	310,047,077.82	237,030,890.85
	310,047,077.82	237,030,890.85

	176,691,745.28	123,042,965.58
	118,611,171.49	87,507,001.25
	3,630,261.73	3,523,663.96
	6,722,924.74	3,991,104.02
	52,630,384.23	30,676,284.42
	-6,192,244.32	-3,486,613.18
	1,289,247.41	831,525.11
“ ”		
“ ”	6,743,395.99	4,040,273.98
	-346,811.99	
“ ”		
“ ”	140,098,728.53	118,028,199.25
	2,407,353.32	3,210,636.81
		1,174.36
	168,960.40	47,548.55
	51,991.78	258.55
“ ”	142,337,121.45	121,191,287.51
	20,759,378.56	17,925,663.86
“ ”	121,577,742.89	103,265,623.65
	121,577,742.89	103,265,623.65

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	310,784,218.52	237,030,890.85
	152,318,154.75	103,206,747.89

	2,988,544.20	2,290,407.34
	5,847,581.04	3,189,074.41
	35,358,804.00	18,071,316.36
	-6,164,181.02	-3,480,111.52
	1,250,384.91	807,525.11
“ ”		
“ ”	6,743,395.99	4,040,273.98
	-346,811.99	
“ ”	125,928,326.63	116,986,205.24
	1,713,050.67	3,085,569.81
		1,174.36
	63,491.78	47,548.55
	51,991.78	258.55
“ ”	127,577,885.52	120,024,226.50
	18,961,521.76	17,737,277.25
“ ”	108,616,363.76	102,286,949.25
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	108,616,363.76	102,286,949.25

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	293,694,446.26	246,385,901.28
	138,945.27	304,005.55
	6,457,304.95	6,538,040.81
	300,290,696.48	253,227,947.64
	18,670,103.82	48,415,036.69

	71,781,918.58	49,143,501.40
	37,459,166.40	41,817,174.71
	18,857,344.61	10,521,373.69
	146,768,533.41	149,897,086.49
	153,522,163.07	103,330,861.15
	472,000,000.00	320,000,000.00
	7,090,207.98	4,040,273.98
		14,000.00
		200,000.00
	479,090,207.98	324,254,273.98
	98,274,582.33	70,182,396.50
	413,500,000.00	542,000,000.00
	511,774,582.33	612,182,396.50
	-32,684,374.35	-287,928,122.52
		285,513,586.30
		285,513,586.30
	41,630,400.00	37,170,000.00

	41,630,400.00	37,170,000.00
	-41,630,400.00	248,343,586.30
	3,131,456.35	728,602.50
	82,338,845.07	64,474,927.43
	139,480,463.16	75,005,535.73
	221,819,308.23	139,480,463.16

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	294,556,900.88	246,385,901.28
	138,945.27	304,005.55
	5,727,532.39	7,063,064.79
	300,423,378.54	253,752,971.62
	126,838,791.81	90,360,326.70
	22,132,123.13	13,343,288.55
	30,689,857.31	33,263,858.07
	16,514,519.91	8,644,093.18
	196,175,292.16	145,611,566.50
	104,248,086.38	108,141,405.12
	472,000,000.00	320,000,000.00
	7,090,207.98	4,040,273.98
	13,782,833.02	14,000.00
		200,000.00

	492,873,041.00	324,254,273.98
	36,673,127.46	45,790,769.21
	413,500,000.00	542,000,000.00
	27,444,748.84	29,871,235.44
	477,617,876.30	617,662,004.65
	15,255,164.70	-293,407,730.67
		285,513,586.30
		285,513,586.30
	41,630,400.00	37,170,000.00
	41,630,400.00	37,170,000.00
	-41,630,400.00	248,343,586.30
	3,131,456.35	728,602.50
	81,004,307.43	63,805,863.25
	138,121,052.66	74,315,189.41
	219,125,360.09	138,121,052.66

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	74,340,000.00				332,923,679.40				33,669,938.36		236,208,431.01		677,142,048.77
	74,340,000.00				332,923,679.40				33,669,938.36		236,208,431.01		677,142,048.77
“ ”	111,510,000.00				-111,510,000.00				10,861,636.38		69,085,706.51		79,947,342.89
											121,577,742.89		121,577,742.89
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									10,861,636.38		-52,492,036.38		-41,630,400.00
1									10,861,636.38		-10,861,636.38		
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										103,265 ,623.65		103,265 ,623.65
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								10,228, 694.93		-47,398, 694.93		-37,170, 000.00
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	185,850, 000.00				221,413,6 79.40				44,531,57 4.74	276,620 ,600.70	728,415,8 54.84

	59,100,0 00.00				62,650,09 3.10				23,441,24 3.43	165,608 ,019.00	310,799,3 55.53
	59,100,0 00.00				62,650,09 3.10				23,441,24 3.43	165,608 ,019.00	310,799,3 55.53
“ ”	15,240,0 00.00				270,273,5 86.30				10,228,69 4.93	54,888, 254.32	350,630,5 35.55
										102,286 ,949.25	102,286,9 49.25
	15,240,0				270,273,5						285,513,5

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1,859 (1) 1,524 335
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	42,263.50	45,917.45
	221,777,044.73	139,434,545.71
	160,000.00	1,260,000.00
	221,979,308.23	140,740,463.16

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	160,000.00	—

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	108,403,338.56	100.00%	5,426,951.53	5.01%	102,976,387.03	86,547,872.38	100.00%	4,329,179.62	5.00%	82,218,692.76
	108,403,338.56	100.00%	5,426,951.53		102,976,387.03	86,547,872.38	100.00%	4,329,179.62		82,218,692.76

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1	108,369,646.56	5,418,482.33	5.00%
1 2	8,192.00	819.20	10.00%
2 3	25,500.00	7,650.00	30.00%
3			100.00%
	108,403,338.56	5,426,951.53	

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1	2			4,490.40	0.24%
2	3			13,650.00	0.73%
		1,226,959.35	--	1,870,729.30	--

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					%
1			529,297.12	1	43.14
2			160,457.45	1	13.08
3			97,078.00	1	7.91
4			80,000.00	1	6.52
5			54,616.00	1	4.45
	—	—	921,448.57	—	75.10

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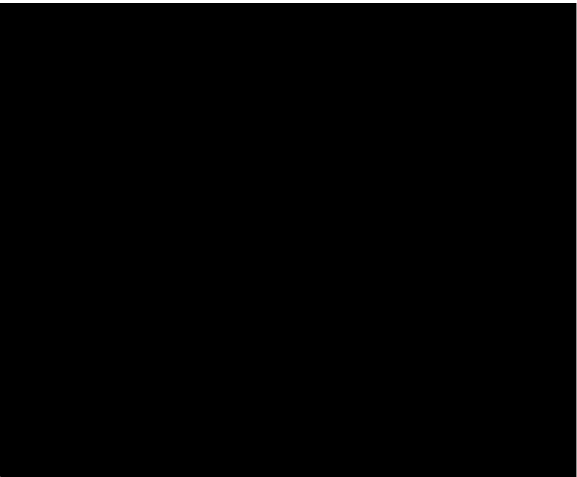
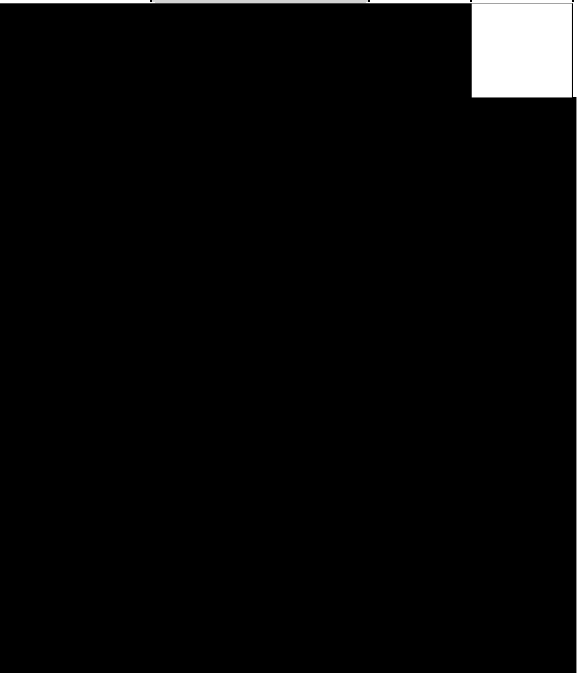
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	8.46	100.00%	92	27.07%	836,694.54	932,168.33	100.00%	161,508.42	17.33%	770,659.91



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	795,250.00	718,000.00
	299,428.46	120,000.00
	95,000.00	94,168.33
	1,189,678.46	932,168.33

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	--	1,069,830.00	--	89.92%	346,991.50

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	14,021,559.71		14,021,559.71	10,241,151.12		10,241,151.12
	18,033,831.68		18,033,831.68	11,284,743.31		11,284,743.31
	12,867,710.18		12,867,710.18	13,093,012.94		13,093,012.94
	44,923,101.57		44,923,101.57	34,618,907.37		34,618,907.37

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	160,000,000.00	222,000,000.00

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		3,500,000 .00		-346,811. 99						3,153,188 .01	
		3,500,000 .00		-346,811. 99						3,153,188 .01	
		3,500,000 .00		-346,811. 99						3,153,188 .01	

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1.	42,932,630.04	71,064,393.79	2,546,363.76	1,973,692.55	13,333,766.28	131,850,846.42
2.	67,215,438.58	59,134,072.98	68,892.62	55,555.56	3,756,738.53	130,230,698.27
1		55,801,595.79	68,892.62	55,555.56	3,756,738.53	59,682,782.50
2	67,215,438.58	3,332,477.19				70,547,915.77
3						
3.		394,676.93			22,544.47	417,221.40
1		394,676.93			22,544.47	417,221.40
4.	110,148,068.62	129,803,789.84	2,615,256.38	2,029,248.11	17,067,960.34	261,664,323.29
1.	6,800,098.87	21,134,784.72	1,941,730.60	1,223,409.19	4,481,917.54	35,581,940.92

2.	2,749,253.88	8,951,654.01	389,862.13	196,509.30	2,028,266.09	14,315,545.41
1	2,749,253.88	8,951,654.01	389,862.13	196,509.30	2,028,266.09	14,315,545.41
3.		344,939.60			20,290.02	365,229.62
1		344,939.60			20,290.02	365,229.62
4.	9,549,352.75	29,741,499.13	2,331,592.73	1,419,918.49	6,489,893.61	49,532,256.71
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1.	100,598,715.87	100,062,290.71	283,663.65	609,329.62	10,578,066.73	212,132,066.58
2.	36,132,531.17	49,929,609.07	604,633.16	750,283.36	8,851,848.74	96,268,905.50

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	4,532,551.09	4
	49,350,516.45	

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4	4,550,306.87		4,550,306.87			
3	3,808,445.84		3,808,445.84	12,221,951.70		12,221,951.70
	1,461,352.04		1,461,352.04	1,672,648.85		1,672,648.85
	24,271.84		24,271.84			
2				1,693,938.79		1,693,938.79
				27,718,299.84		27,718,299.84
				519,416.00		519,416.00
	9,844,376.59		9,844,376.59	43,826,255.18		43,826,255.18

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4	8,000,00		4,550,30			4,550,30	75.84%	90%				

	0.00		6.87			6.87						
3	30,000,000.00	12,221,951.70	13,087,461.05	21,500,966.91		3,808,445.84	84.36%	90%				
		1,672,648.85	3,121,180.38	3,332,477.19		1,461,352.04						
	250,000.00		24,271.84									

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1.	16,992,119.11				16,992,119.11
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4.	16,992,119.11				16,992,119.11
1.	1,690,895.39				1,690,895.39
2.					
1	342,635.40				342,635.40
3.					
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4.	2,033,530.79				2,033,530.79
1.					
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1.	14,958,588.32				14,958,588.32
2.	15,301,223.72				15,301,223.72

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5-35	2,988,932.34	4

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		8,629,079.92				8,629,079.92	
40G		6,148,549.30				6,148,549.30	

100G OSA		4,293,226.07				4,293,226.07		
		1,228,085.95				1,228,085.95		
		1,682,001.10				1,682,001.10		
		1,365,441.27				1,365,441.27		
		971,124.15				971,124.15		
		1,050,635.86				1,050,635.86		
		935,048.20				935,048.20		
		26,303,191.8 2				26,303,191.8 2		

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	868,777.78	225,980.58	310,421.12		784,337.24
	868,777.78	225,980.58	310,421.12		784,337.24

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	5,779,935.45	866,990.32	4,490,688.04	673,603.20
	4,465,395.54	669,809.33	3,139,404.30	470,910.64
	10,245,330.99	1,536,799.65	7,630,092.34	1,144,513.84

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	4,460,972.32	669,145.85		
	4,460,972.32	669,145.85		

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		1,536,799.65		1,144,513.84
		669,145.85		

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	164,051.23	
	164,051.23	

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2021	164,051.23		
	164,051.23		--

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	6,243,072.02	9,923,412.76
	6,243,072.02	9,923,412.76

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	6,348,521.24	
	6,348,521.24	

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3			2,420,000.00	1	9.39
4			1,860,714.00	1	7.22
5			1,587,341.68	1	6.16
	—	—	13,716,555.68	—	53.21

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1	1,098,052.34	84,347.07
1 2	5,065.61	900.00
2 3	900.00	
	1,104,017.95	85,247.07

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				%
1		744,674.80	1	67.45
2		185,616.78	1	16.81
3		43,599.05	1	3.95
4		28,302.96	1	2.56
5		19,200.00	1	1.74
	—	1,021,393.59	—	92.51

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	5,777,164.89	76,571,062.16	67,788,167.49	14,560,059.56
-		4,390,138.92	4,390,138.92	
	5,777,164.89	80,961,201.08	72,178,306.41	14,560,059.56

2

1	5,300,000.00	68,944,572.95	60,211,162.96	14,033,409.99
2		2,946,156.60	2,946,156.60	
3		3,121,228.49	3,121,228.49	
		2,745,787.04	2,745,787.04	
		331,637.88	331,637.88	
		43,803.57	43,803.57	
4		584,903.20	584,903.20	
5	477,164.89	974,200.92	924,716.24	526,649.57
	5,777,164.89	76,571,062.16	67,788,167.49	14,560,059.56

	1,963,022.32	2,243,677.30
	6,631,574.94	5,058,555.54
	133,856.27	58,843.46
	222,675.45	168,660.66
	160,208.20	132,155.93
	133,002.20	46,361.23
	18,765.01	22,885.01
	14,603.67	10,256.16
	9,277,708.06	7,741,395.29

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	190,735.23	
	190,735.23	

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			2016-12-31		(%)
			164,051.23	1	86.01
			20,364.00	1	10.68
			6,320.00	1	3.31
	—	—	190,735.23	—	100.00

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	510,000.00	1,360,000.00	892,510.00	977,490.00	
	510,000.00	1,360,000.00	892,510.00	977,490.00	--

				CO2E	CO2E
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	510,000.00	1,360,000.00	892,510.00	977,490.00	
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	332,923,679.40		111,510,000.00	221,413,679.40
	332,923,679.40		111,510,000.00	221,413,679.40

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	33,669,938.36	10,861,636.38		44,531,574.74
	33,669,938.36	10,861,636.38		44,531,574.74

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	236,208,431.01	180,341,502.29
	236,208,431.01	180,341,502.29
	121,577,742.89	103,265,623.65
	10,861,636.38	10,228,694.93
	41,630,400.00	37,170,000.00
	305,294,137.52	236,208,431.01

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- 2) 0.00
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- 5) 0.00

61

	309,877,835.23	118,505,534.43	236,838,790.02	87,394,366.82
	169,242.59	105,637.06	192,100.83	112,634.43
	310,047,077.82	118,611,171.49	237,030,890.85	87,507,001.25

62

	1,343,300.83	1,727,775.97
	1,776,340.98	1,346,041.44
	267,965.88	124,194.53
	91,540.01	91,539.99
	147,754.03	230,432.03
	3,360.00	3,680.00
	3,630,261.73	3,523,663.96

“ ” [2016]22 “ ”

449,846.55 “ ”

63

	2,725,799.63	1,510,799.63
	1,153,705.57	1,084,945.65
	1,061,115.88	413,601.84
	851,907.09	335,455.54
	668,711.08	615,346.29
	199,830.59	
	61,854.90	30,955.07
	6,722,924.74	3,991,104.02

64

	16,615,813.94	10,696,110.51
	26,303,191.82	14,827,479.12
	2,668,911.28	2,088,557.36
	2,517,816.97	716,856.06
	968,693.32	
	967,005.85	403,297.16
	774,698.16	466,925.39
	613,113.76	829,799.32
	536,845.75	527,554.70
	209,251.24	35,749.22
	455,042.14	83,955.58
	52,630,384.23	30,676,284.42

65

	2,482,461.63	2,824,129.95
	-3,810,459.89	-728,602.50
	100,677.20	66,119.27
	-6,192,244.32	-3,486,613.18

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	1,289,247.41	831,525.11
	1,289,247.41	831,525.11

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	-346,811.99	
	7,090,207.98	4,040,273.98
	6,743,395.99	4,040,273.98

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		1,174.36	
		1,174.36	
	2,313,523.00	3,139,838.00	2,313,523.00
	93,830.32	69,624.45	93,830.32
	2,407,353.32	3,210,636.81	2,407,353.32

								/
						892,510.00	1,310,500.00	
“						650,000.00		
”								
						479,920.00	483,900.00	
						207,000.00	124,000.00	
						30,000.00	40,000.00	
						54,093.00	10,000.00	

							86,438.00	
							85,000.00	
							1,000,000.00	
	--	--	--	--	--	2,313,523.00	3,139,838.00	--

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	51,991.78	258.55	51,991.78
	51,991.78	258.55	51,991.78
		20,000.00	
		27,290.00	

	20,482,518.52	18,276,198.53
	276,860.04	-350,534.67
	20,759,378.56	17,925,663.86

2

	142,337,121.45
/	21,350,568.21
	-16,405.12
	400.00
	52,021.80
	731,953.78
	41,012.81
	-1,400,172.92
	20,759,378.56

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	2,482,461.63	2,824,129.95
	2,781,013.00	3,649,838.00
	93,830.32	41,374.97
		22,697.89
	1,100,000.00	
	6,457,304.95	6,538,040.81

2

	18,588,334.48	9,214,083.69
	257,510.13	
	11,500.00	47,290.00
		1,260,000.00
	18,857,344.61	10,521,373.69

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		200,000.00

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	121,577,742.89	103,265,623.65
	1,289,247.41	831,525.11
	14,315,545.41	10,669,599.23
	342,635.40	342,635.40
	310,421.12	24,822.22
“ ”	51,991.78	-915.81
“ ”	-3,131,456.35	-728,602.50
“ ”	-6,743,395.99	-4,040,273.98
“ ”	-392,285.81	-350,534.67
“ ”	669,145.85	
“ ”	-10,304,194.20	-3,927,919.96
“ ”	13,542,102.29	-13,340,835.04
“ ”	21,994,663.27	10,585,737.50
	153,522,163.07	103,330,861.15
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	221,819,308.23	139,480,463.16
	42,263.50	45,917.45
	221,777,044.73	139,434,545.71
	221,819,308.23	139,480,463.16

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	160,000.00	--

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	221,979,308.23				221,979,308.23
	35,404,077.48				35,404,077.48
	102,976,387.03				102,976,387.03
	836,694.54				836,694.54
	361,196,467.28				361,196,467.28
	6,348,521.24				6,348,521.24
	24,252,006.05	1,529,881.01			25,781,887.06
	30,600,527.29	1,529,881.01			32,130,408.30

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	108,403,338.56	100.00%	5,426,951.53	5.01%	102,976,387.03	86,547,872.38	100.00%	4,329,179.62	5.00%	82,218,692.76
	108,403,338.56	100.00%	5,426,951.53		102,976,387.03	86,547,872.38	100.00%	4,329,179.62		82,218,692.76

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1	108,369,646.56	5,418,482.33	5.00%
1 2	8,192.00	819.20	10.00%
2 3	25,500.00	7,650.00	30.00%
3			100.00%
	108,403,338.56	5,426,951.53	

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					(%)	
1			18,780,272.26	1	17.32	939,013.61
2			17,116,096.89	1	15.79	855,804.84
3			13,564,429.62	1	12.51	678,221.48
4			4,958,135.48	1	4.57	247,906.77
5			3,696,901.43	1	3.41	184,845.07

2

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	992,428.46	100.00%	229,121.42	23.09%	763,307.04	812,168.33	100.00%	76,508.42	9.42%	735,659.91
	992,428.46	100.00%	229,121.42		763,307.04	812,168.33	100.00%	76,508.42		735,659.91

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1			
1	274,428.46	13,721.42	5.00%
1 2			10.00%
2 3	718,000.00	215,400.00	30.00%
3			100.00%
	992,428.46	229,121.42	

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	718,000.00	718,000.00
	95,000.00	94,168.33
	179,428.46	
	992,428.46	812,168.33

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		718,000.00	2 3	72.35%	215,400.00
		104,580.00	1	10.54%	5,229.00
		50,000.00	1	5.04%	2,500.00
		30,000.00	1	3.02%	1,500.00
		30,000.00	1	3.02%	1,500.00
	--	932,580.00	--	93.97%	226,129.00

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	45,000,000.00		45,000,000.00	45,000,000.00		45,000,000.00
	3,153,188.01		3,153,188.01			
	48,153,188.01		48,153,188.01	45,000,000.00		45,000,000.00

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	45,000,000.00			45,000,000.00		
	45,000,000.00			45,000,000.00		

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		3,500,000		-346,811.						3,153,188	

	2,313,523.00	
	7,090,207.98	
	-23,138.30	
	1,399,290.13	
	7,929,310.77	--

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	17.04%	0.6542	0.6542
	15.93%	0.6115	0.6115

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