2022

2022 8

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5G

2020 80%

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2021 2

77,704.67

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..... 62

..... 63

TFC USA		TFC COMMUNICATION USA, INC.
AIP		Advanced Integrated Photonics Hong Kong Co., Limited
		Auxora, Inc.

TOSA		Transmitter Optical Subassembly
ROSA		Receiver Optical Subassembly
BOSA		Bi-Directional Optical Subassembly
LENS ARRAY		
FA FAU		FIBER ARRAY
AWG		Arrayed Waveguide Grating
Mux/Demux		/
TO		Transmitter Optical
BOX		
MT		Mechanical Transfer IEC61754-18
PM		Polarization Maintaining
Optical Filter		
Filter Block		
WDM		Wavelength Division Multiplexing
MWDM		
CPO		Co-packaged optics
PSM		Parallel Single Mode
4G		
5G		
TOF		Time of flight
FMCW		Frequency Modulated Continuous Wave
MEMS		Micro-Electro-Mechanical System
OPA		Optical Phased Array
		internet
		- -
		2022 1 1 2022 6 30
		2021 1 1 2021 6 30

			300394
	Suzhou TFC Optical Communication Co.,Ltd		
	TFC		

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

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2021

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2021 121.032 2022 6 24

www.cninfo.com.cn 2021

2022-037 391,546,193 392,756,513

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	577,486,466.31	489,735,393.12	17.92%
	172,995,372.27	137,858,517.73	25.49%
	154,115,458.77	126,810,936.11	21.53%
	280,375,236.18	162,007,661.33	73.06%
/	0.4425	0.3596	23.05%
/	0.4406	0.3577	23.18%
	7.15%	7.06%	0.09%
	2,721,995,113.67	2,551,079,700.12	6.70%
	2,373,947,454.16	2,333,109,174.27	1.75%

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	-1,685,951.22	
	3,229,101.94	
	14,317,136.65	
	2,686,769.69	
	3,664,605.88	
	3,331,749.44	
	18,879,913.50	

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		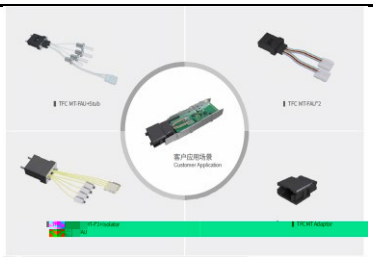	
		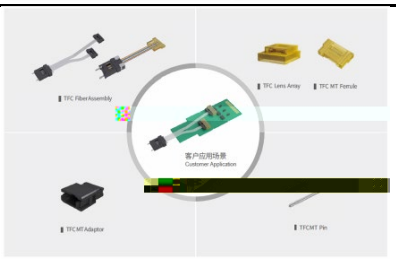	
		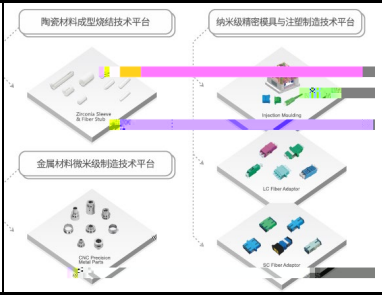	

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		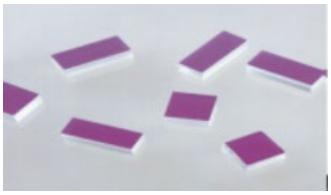	
		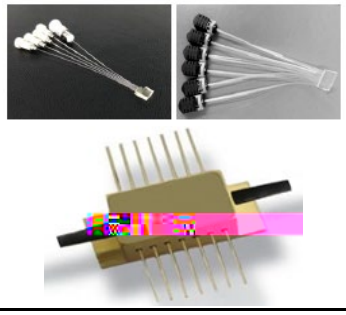	

400G/800G

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2022 6220 10.77% 17.92% 200G

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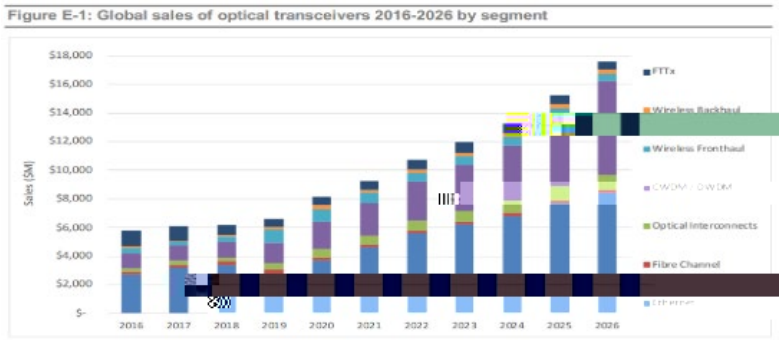
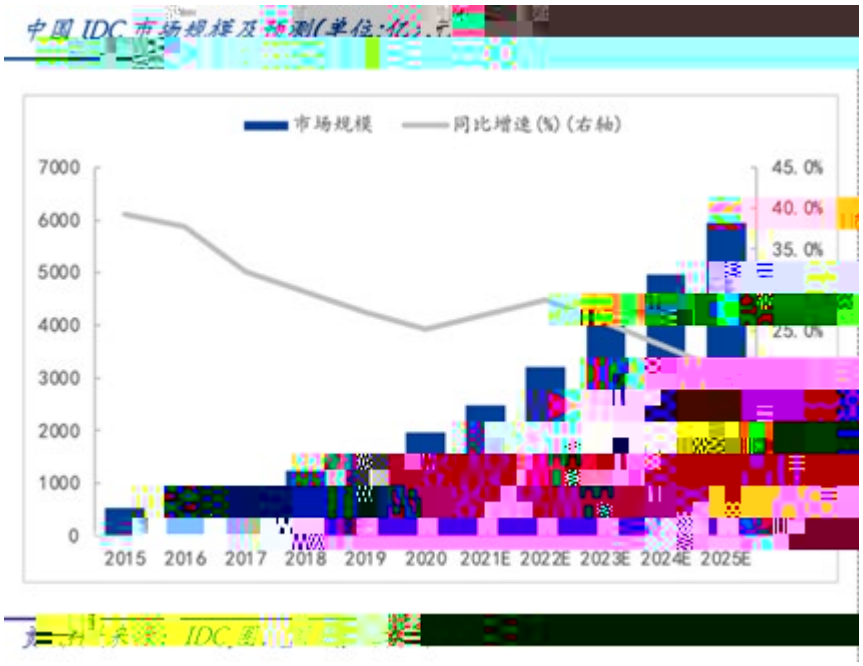
2022

LightCounting

2026 176



2025 5952 2015-2025 27.62% 2021



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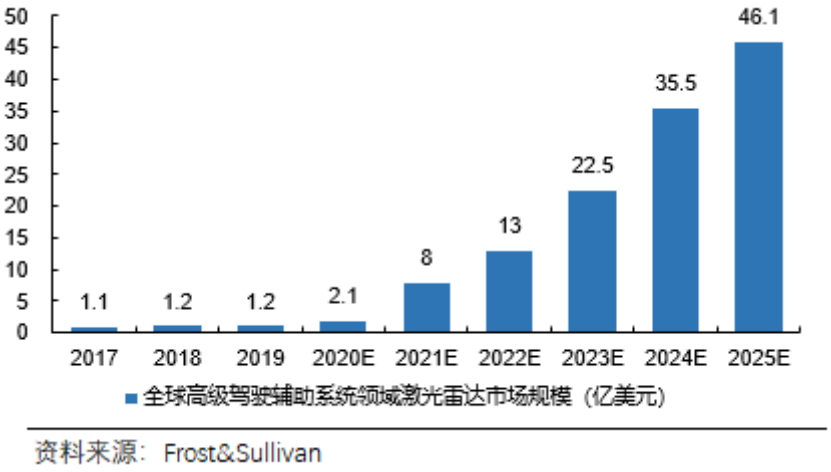

资料来源：Frost&Sullivan

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Filter Block			<0.8dB	>30dB		

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Filter Block				
WDM				

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Optical Filter				
WDM				

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FAU TO-CAN/BOX

PLC

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HR

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	577,486,466.31	489,735,393.12	17.92%	“ 5G ”
	296,792,701.26	235,378,720.50	26.09%	
	9,150,812.73	9,183,072.56	-0.35%	

	30,520,167.07	27,976,635.58	9.09%	
	62,197,556.05	52,746,036.69	17.92%	
	280,375,236.18	162,007,661.33	73.06%	
	366,737,080.28	-493,776,529.40	174.27%	
	-129,525,295.00	628,258,151.14	-120.62%	" 5G "
	520,869,965.44	295,851,999.97	76.06%	

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100G

800G

D Lens RX M1 2022

6,219.76 17.92%

□

	13,959,991.50	6.82%		
	4,040,503.51	1.97%		
	2,061,848.85	1.01%		
	3,229,101.94	1.58%		
	716,648.46	0.35%		
	-3,845,884.74	-1.88%		

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	1,035,917,665.33	38.06%	515,047,699.89	20.19%	17.87%	
	301,000,650.44	11.06%	264,047,920.79	10.35%	0.71%	

	186,696,480.48	6.86%	173,991,186.31	6.82%	0.04%	
	7,096,197.97	0.26%	7,453,343.12	0.29%	-0.03%	
	547,636,028.08	20.12%	568,678,135.67	22.29%	-2.17%	
	40,375,213.22	1.48%	17,656,763.81	0.69%	0.79%	
	9,805,139.07	0.36%	11,309,013.45	0.44%	-0.08%	
	264,180.00	0.01%	1,140,959.60	0.04%	-0.03%	
	14,278,219.75	0.52%	9,480,612.61	0.37%	0.15%	
	7,650,568.05	0.28%	9,078,776.41	0.36%	-0.08%	
	386,000,000.00	14.18%	785,000,000.00	30.77%	-16.59%	
	55,303,483.10	2.03%	72,512,282.45	2.84%	-0.81%	
	50,518,846.92	1.86%	53,480,596.69	2.10%	-0.24%	
	29,647,573.18	1.09%	29,647,573.18	1.16%	-0.07%	
	103,224,292.15	3.79%	79,281,935.72	3.11%	0.68%	

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1.	785,000,000.00				1,576,000,000.00	1,975,000,000.00		386,000,000.00
	785,000,000.00				1,576,000,000.00	1,975,000,000.00		386,000,000.00
	72,512,282.45				96,054,728.20	113,263,527.55		55,303,483.10

	857,512,282.45				1,672,054,728.20	2,088,263,527.55		441,303,483.10
	0.00				0.00	0.00		0.00

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640,000.00	14,455,000.00	-95.57%

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			640,000.00	53.33%						0.00	-4,530.91		2022 01 12	2022 1 12 http//www.cninfo.com

														2022-003
	--	--	640,000.00	--	--	--	--	--	--	0.00	-4,530.91	--	--	--

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	380,000,000.00	0.00	0.00	761,000,000.00	795,000,000.00	6,434,532.20	0.00	346,000,000.00	
	405,000,000.00	0.00	0.00	815,000,000.00	1,180,000,000.00	7,882,604.45	0.00	40,000,000.00	
	785,000,000.00	0.00	0.00	1,576,000,000.00	1,975,000,000.00	14,317,136.65	0.00	386,000,000.00	--

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	77,704.67
	4,185.79
	6,449.09
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[2020]2747 2021 1 18,424,753
42.66 785,999,962.98 8,953,230.56
777,046,732.42 2021 1 14
“ ” 2021 1 15
W[2021]B003 2021 1 14

2 4,185.79 2022 6 30 6,449.09
73,893.13 897.78
1,739.77

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	( )		(1)		(2)	(3) (2)/(1)					
5G		77,704.67	77,704.67	4,185.79	6,449.09	8.30%	2022 12 31				
	--	77,704.67	77,704.67	4,185.79	6,449.09	--	--			--	--
	--	77,704.67	77,704.67	4,185.79	6,449.09	--	--	0	0	--	--

	2021 7 8 , “ 5G ” 695
	2022 6 30 73,893.13 4,000.00 34,000.00 3,350.75 , 32,542.38

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4,600	0	0
4,000	0	0
8,600	0	0

					15	15									
			5,000		2021 11 10	2022 02 10			3.10%		39.38		0		
			11,000		2021 11 25	2022 02 23			3.45%		94.93		0		
			2,200		2021 12 13	2022 03 14			3.20%		17.8		0		

			00		1 10 22	2 01 21			0%							
			33, 500		202 1 11 12	202 2 02 11			3.1 0%		263 .81		0			
			2,0 00		202 1 12 15	202 2 01 14			3.1 0%		5.1 7		0			
			1,9 00		202 1 11 12	202 2 02 10			3.2 0%		15. 13		0			
			7,0 00		202 2 01 14	202 2 07 22			1.8 5%	67. 06			0			
			4,0 00		202 2 02 18	202 2 05 19			1.6 3%		36. 49		0			

			5,600		2022 02 18	2022 08 17			1.85%	51.09			0			
			6,000		2022 02 25	2022 08 24			1.85%	54.74			0			
			6,000		2022 03 04	2022 06 02			1.63%		51.78		0			
			5,000		2022 03 02	2022 06 02			3.50%		43.75		0			
			6,500		2022 03 17	2022 06 17			3.80%		62.26		0			

			00		2 04 21	2 06 29			0%		92					
			4,0 00		202 2 04 22	202 2 05 23			3.1 0%		10. 68		0			
			11, 000		202 2 05 23	202 2 06 29			3.7 5%		41. 82		0			
			3,0 00		202 2 06 08	202 2 09 08			3.0 5%	22. 56			0			
			6,5 00		202 2 06 08	202 2 12 08			3.4 5%	112 .43			0			
			6,5 00		202 2 06 27	202 2 09 27			3.5 0%	57. 34			0			

			2,000		2022 01 19	2022 04 19			3.15%		16.75		0			
			5,000		2022 02 07	2022 05 07			3.20%		42.5		0			

2022

31,500

			2,000		2022 04 22	2022 07 22			3.10%	15.5			0			
			35,000		2022 05 24	2022 06 30			3.70%		133.03		0			

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5G

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OSA ODM

LENS ARRAY

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2020 80% 100%

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2021 2 77,704.67

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2022 04 27					1. 2021	2022 4 28

					2022 Q1 2.2021 3.2021 2020 4. 5. 6.	(www.cninfo.com.cn) (2022001)
2022 04 27				2021	1. 2022 2. 3. 4.2022 Q1 2022 5. 6. 2022 200G/400G/800G 7. 2022	2022 4 28 (www.cninfo.com.cn) (2022002)

					8. 9. “ ” 10. 2022 11. 12. 13. 14. 15. 2022 2021 16. 17. 18. 19. 2022 20.	
2022 06 02					1.	2022 6 6

					2. 3. 4. 5.	(www.cninfo.com.cn) (2022003)

212 210 119 117 30 32
102
2018 9 11 2018 9 12 2018
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2018-049

2018 9 26 2018
2018 9 26 2018
2018-051

2018 10 8 2018
32 30 2018 10 8
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2018-054

2018 11 6 2018 24
99 2018 11 8 2018 11 6
2018 2018-057

2019 6 18
7 1 7
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2018 2018
19.60 2019 6 20
2019-027 2019-
028 2018 2019-
029

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2019-033

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2019-051

2019 10 15 2018 4
2019-053

2019 10 22 2018
2019 10 22 2019-054

2020 4 24 2018
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70.7 3 28.5
2020 4 28 2018
2020-032 2018
2020-033

2020 5 22 2018 70.7
3 2020 5 22
2020-042

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2020 7 29
2020-061

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1 4.9 9.98 /
48.902 2019 2018
19.60 19.20
39.75 39.35 2020 6 13
2020-050 2018
2020-052

2020 9 30 2018 4.9
2020 9 30
2020-082

2020 10 22 2018
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2.1 2020 10 23
2018 2020-086 2018
2020-087

2020 11 2 2018 2.8
3 2020 11 2
2020-091

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2021-032

2022 6 14
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4.32 2021 2018
10.33 9.93
21.53 21.13 2022 6 14 2018
2022-035 2018
2022-036

2022 6 22 2018 4.32
2022 6 22 2022-
038

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40.55 2021 1 23 2021

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1 2021 247

246 202.10 201.90 2021

2021 2 8 2021 2 9

2021

2021-023 2021 2021-024

2022 4 15 2021

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2021 37

24.90 2021 6 17 2020

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40.55 22.19 177 318.60 2021

209 127.44

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22.19 21.79

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203 121.032 2022 6 24

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203 121.032

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				3000	119.18	119.15	-0.85

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	37,027,071	9.46%	42,450			-329,099	-286,649	36,740,422	9.35%
1									
2									
3	578,250	0.15%	26,250			-38,250	-12,000	566,250	0.14%
	578,250	0.15%	26,250			-38,250	-12,000	566,250	0.14%
4	36,448,821	9.31%	16,200			-290,849	-274,649	36,174,172	9.21%
	36,448,821	9.31%	16,200			-290,849	-274,649	36,174,172	9.21%
	354,519,122	90.54%	1,167,870			329,099	1,496,969	356,016,091	90.65%
1	354,519,122	90.54%	1,167,870			329,099	1,496,969	356,016,091	90.65%
2									
3									
4									
	391,546,193	100.00%	1,210,320			0	1,210,320	392,756,513	100.00%

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1 2021 38.78 2021 1,251,640 1,229,580
22,060 2022 6 30 1,273,240 954,930 2021
274,650

2 2021 46,958,989 35,219,241 11,739,748
2022 6 30 35,219,242 , 2021 1

3 2021 2.2 2021 66,200 66,150
50 2022 6 30 87,800 65,850 2021 300

4 2021 1.5 2021 48,000 47,250
750 2022 6 30 48,000 36,000 2021 11250

5 2021 1.5 2021 48,000 47,250
750 2022 6 30 48,000 36,000 2021 11250

6 2022 6 22 2021
121.032 203 A
42,450 116.787

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2022-037 203 121.032

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2022 6 22 2021
2022-037 121.032 2022 6 24
391,546,193 392,756,513

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391,546,193 392,756,513 0.4425
23.05 % 0.4406 23.18 % 2022 6 30
6.0443 2021 1.44%

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	35,219,241		1	35,219,242		

1,229,580 290,850 16,200 954,930

2021	2022 06 22	21.79	1,210,320	2022 06 24	1,210,320		2021 2022-037	2022 06 22

2022 4 15 2021
2021
2021 37
24.90 2021 6 17 2020
2021
40.55 22.19 177 318.60 2021
209 127.44

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203 121.032 2022 6 24

	15,697	8	0

	100% 56.54% 10
/	

10			
	153,469,829		153,469,829
	7,829,247		7,829,247
	6,000,000		6,000,000
	4,809,476		4,809,476
	4,537,718		4,537,718
	4,328,689		4,328,689
	3,719,135		3,719,135
	3,403,200		3,403,200
	2,915,977		2,915,977
2	2,680,979		2,680,979

10 10 10	100% 56.54% 10

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			46,958,989		3,910,500	43,048,489			
			1,251,640			1,273,240	180,000		180,000
			48,000			48,000	135,000		135,000
			48,000			48,000	135,000		135,000
ZHOU,ZHI PING									
						14,400	36,000		36,000
			66,200			87,800	180,000		180,000
	--	--	48,372,829	0	3,910,500	44,519,929	666,000	0	666,000

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2022 06 30

	2022 6 30	2022 1 1
	1,035,917,665.33	515,047,699.89
	386,000,000.00	785,000,000.00
	13,678,283.13	15,523,570.03
	301,000,650.44	264,047,920.79
	55,303,483.10	72,512,282.45
	12,612,750.25	4,230,844.64
	894,038.89	1,099,290.22
	186,696,480.48	173,991,186.31
	1,891,654.78	7,458,409.36
	1,993,995,006.40	1,838,911,203.69

	7,096,197.97	7,453,343.12

	2,463,791.56	2,677,846.25
	4,258,604.21	2,721,200.98
	309,166,740.45	179,607,406.44
	7,650,568.05	9,078,776.41
	17,981,721.00	17,981,721.00
	8,221,587.35	8,065,117.56
	33,853,876.40	35,125,614.97
	343,020,616.85	214,733,021.41
	392,756,513.00	391,546,193.00
	1,032,433,979.42	1,004,331,991.40
	3,273,440.00	3,273,440.00
	-12,753,062.68	-7,902,139.48
	104,879,897.01	104,879,897.01
	859,903,567.41	843,526,672.34
	2,373,947,454.16	2,333,109,174.27
	5,027,042.66	3,237,504.44
	2,378,974,496.82	2,336,346,678.71

	53,826,954.19	72,512,282.45
	10,192,731.71	1,202,957.95
	8,042,900.00	20,000,000.00
	159,294,298.33	140,215,661.46
	1,860,364.21	1,184,289.59
	1,727,471,484.28	1,550,537,761.96
	170,560,931.57	306,822,497.23
	448,000,648.42	326,228,859.11
	132,576,553.19	140,785,408.90
	15,229,795.85	2,347,270.78
	6,578,659.41	6,664,338.93
	132,521.67	414,349.65
	4,663,737.21	4,150,243.71
	3,896,564.99	1,023,538.88
	781,639,412.31	788,436,507.19
	2,509,110,896.59	2,338,974,269.15
	264,180.00	1,140,959.60
	107,234,423.77	22,331,295.35
	355,723,892.88	353,519,732.97
		3,000,000.00
	13,912,670.17	9,372,578.08
	7,522,717.44	11,154,984.97
	10,790,485.68	4,125,074.78

	107,574,132.80	8,320,671.80
	682,240.00	446,080.00
	1,153,862.60	673,310.14
	604,176,365.34	413,638,607.69
	604,176,365.34	413,638,607.69
	392,756,513.00	391,546,193.00
	1,040,441,293.57	1,012,339,305.55
	3,273,440.00	3,273,440.00
	368,054.26	368,054.26

	4,366,593.42	4,979,718.50
	9,150,812.73	9,183,072.56
	29,190,959.84	31,372,653.42
	62,197,556.05	52,746,036.69
	-12,801,945.06	-2,870,557.89
	458,865.46	326,223.79
	4,055,879.61	3,855,187.50
	3,229,101.94	5,204,000.03
“ ”	13,959,991.50	7,172,558.81
	-357,145.15	-527,346.43
“ - ”		
“ ”		
“ ”		
“ - ”	716,648.46	-1,246,334.06
“ - ”	-3,845,884.74	-3,152,013.35
“ - ”		10,086.03
“ ”	202,649,645.22	166,934,046.80
	4,040,503.51	119,651.75
	2,061,848.85	36,488.20
“ ”	204,628,299.88	167,017,210.35
	30,520,167.07	27,976,635.58
“ ”	174,108,132.81	139,040,574.77
1. “ ”	174,108,132.81	139,040,574.77
2. “ ”		

1.	172,995,372.27	137,858,517.73
2.	1,112,760.54	1,182,057.04
	-4,850,923.20	-3,177,996.00
	-4,850,923.20	-3,177,996.00
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	-4,850,923.20	-3,177,996.00
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6.	-4,850,923.20	-3,177,996.00
7.		
	169,257,209.61	135,862,578.77
	168,144,449.07	134,680,521.73
	1,112,760.54	1,182,057.04
	0.4425	0.3596
	0.4406	0.3577

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	2022	2021
	502,089,310.31	414,819,650.33
	355,920,348.54	294,947,924.01

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7.		
	106,905,038.97	74,330,336.77

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	2022	2021
	673,520,452.51	537,478,669.18

	1,623,002,292.91	1,612,468,679.32
	366,737,080.28	-493,776,529.40
	26,932,873.40	777,639,963.35
	26,932,873.40	777,639,963.35
		4,500,000.00
	156,458,168.40	129,989,227.46
		14,892,584.75
	156,458,168.40	149,381,812.21
	-129,525,295.00	628,258,151.14
	3,282,943.98	-637,283.10
	520,869,965.44	295,851,999.97
	515,047,699.89	177,347,807.55
	1,035,917,665.33	473,199,807.52

6

	2022	2021
	500,505,345.64	449,203,423.55
	19,327,408.23	15,472,545.82
	3,491,160.04	4,891,291.78
	523,323,913.91	

	1,702,676,082.94	1,676,795,879.29
	401,411,966.96	-611,361,269.94
	27,536,778.20	777,639,963.35
	178,420,000.00	
	1,106,206.30	
	207,062,984.50	777,639,963.35
	79,420,000.00	
	156,458,168.40	129,896,459.96
	2,270,111.10	14,892,584.75
	238,148,279.50	144,789,044.71
	-31,085,295.00	632,850,918.64
	1,340,745.71	-222,181.35
	513,252,131.84	136,511,594.94
	303,243,618.18	134,498,997.18
	816,495,750.02	271,010,592.12

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	2022													
	391,546,193.00				1,004,331,991.40	3,273,440.00	-7,902,139.48		104,879,897.01		843,526,672.34		2,333,109,174.27	3,237,504.44	2,336,346,678.71
	391,546,193.00				1,004,331,991.40	3,273,440.00	-7,902,139.48		104,879,897.01		843,526,672.34		2,333,109,174.27	3,237,504.44	2,336,346,678.71

“ ”	1,210,320.00				28,101,988.02		-4,850,923.20				16,376,895.07		40,838,279.89	1,789,538.22	42,627,818.11
							-4,850,923.20				172,995,372.27		168,144,449.07	1,112,760.54	169,257,209.61
	1,210,320.00				28,101,988.02								29,312,308.02	676,777.68	29,989,085.70
1	1,210,320.00				25,162,553.40								26,372,873.40	560,000.00	26,932,873.40
2															
3															
4					2,939,434.62								2,939,434.62	116,777.68	3,056,212.30
											-156,618,477.20		-156,618,477.20		-156,618,477.20
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3											-156,618,477.20		-156,618,477.20		-156,618,477.20
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	392,756,513.00				1,032,433,979.42	3,273,440.00	-12,753,062.68		104,879,897.01		859,903,567.41		2,373,947,454.16	5,027,042.66	2,378,974,496.82

	2021														
	198,567,910.00				408,418,405.06	6,147,680.00	-1,553,410.26		89,289,117.31		682,895,895.29		1,371,470,237.40	5,985,545.94	1,377,455,783.34

5,985,545.94	1,377,455,783.34
-3,636,578.81	774,791,268.52
1,182,057.04	135,862,578.78
-4,818,635.85	769,099,087.53
-4,818,635.85	764,249,852.62
	4,183,197.18
	666,037.73
	-130,170,397.79

	391,546,193.00				1,012,339,305.55	3,273,440.00	368,054.26		104,879,897.01	419,475,651.64		1,925,335,661.46
“ ”	1,210,320.00				28,101,988.02					-49,713,438.23		-20,401,130.21
										106,905,038.97		106,905,038.97
	1,210,320.00				28,101,988.02							29,312,308.02
1	1,210,320.00				25,162,553.40							26,372,873.40
2												
3												
4					2,939,434.62							2,939,434.62
										-156,618,477.20		-156,618,477.20
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	392,756,513.00				1,040,441,293.57	3,273,440.00	368,054.26		104,879,897.01	369,762,213.41		1,904,934,531.25

	2021											
	198,567,910.00				407,959,584.74	6,147,680.00	368,054.26		89,289,117.31	409,329,032.12		1,099,366,018.43
	198,567,910.00				407,959,584.74	6,147,680.00	368,054.26		89,289,117.31	409,329,032.12		1,099,366,018.43
“ ”	191,943,283.00				589,065,054.09	-419,160.00				-55,840,061.02		725,587,436.07
										74,330,336.77		74,330,336.77
	18,38				762,6	-						781,4

	2,753.00				25,584.09	419,160.00						27,497.09
1	18,382,753.00				758,910,857.16	-419,160.00						777,712,770.16
2												
3					2,351,341.54							2,351,341.54
4					1,363,385.39							1,363,385.39
										-130,170,397.79		-130,170,397.79
1												
2										-130,170,397.79		-130,170,397.79
3												
	173,560,530.00				-173,560,530.00							
1	173,560,530.00				-173,560,530.00							
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	390,511,193.00				997,024,638.83	5,728,520.00	368,054.26		89,289,117.31	353,488,971.10		1,824,953,454.50

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		3-5	5/10	18.00-31.67
		5	5/10	19.00/18.00
		3-5	5/10	18.00-31.67

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	16,182.09	43,146.73
	1,035,901,483.24	515,004,553.16
	1,035,917,665.33	515,047,699.89
	24,515,997.03	14,539,822.99

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	386,000,000.00	785,000,000.00
	386,000,000.00	785,000,000.00
	386,000,000.00	785,000,000.00

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	13,678,283.13	15,523,570.03
	13,678,283.13	15,523,570.03

	13,678,283.13	100.00%			13,678,283.13	15,523,570.03	100.00%			15,523,570.03
	13,678,283.13	100.00%			13,678,283.13	15,523,570.03	100.00%			15,523,570.03
	13,678,283.13	100.00%			13,678,283.13	15,523,570.03	100.00%			15,523,570.03

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	13,678,283.13	0.00	
	13,678,283.13	0.00	

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						2,686,769.69	0.96%	2,686,769.69	100.00%	0.00
						2,686,769.69	0.96%	2,686,769.69	100.00%	0.00
	316,924,672.89	100.00%	15,924,022.45	5.02%	301,000,650.44	277,967,662.86	99.04%	13,919,742.07	5.01%	264,047,920.79
	316,924,672.89	100.00%	15,924,022.45	5.02%	301,000,650.44	277,967,662.86	99.04%	13,919,742.07	5.01%	264,047,920.79
	316,924,672.89	100.00%	15,924,022.45		301,000,650.44	280,654,432.55	100.00%	16,606,511.76		264,047,920.79

15,924,022.45

1	316,788,366.25	15,910,391.79	5.00%
1 2	136,306.64	13,630.66	10.00%
2 3			30.00%
3			100.00%
	316,924,672.89	15,924,022.45	

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1 1	316,788,366.25
1 2	136,306.64

	316,924,672.89

2

	2,686,769.69	85,086.00	2,680,645.31	91,210.38	0.00	0.00
	13,919,742.07	2,004,280.38	0.00	0.00	0.00	15,924,022.45
	16,606,511.76	2,089,366.38	2,680,645.31	91,210.38	0.00	15,924,022.45

1	2,680,645.31	
	2,680,645.31	

3

1	6,124.38
2	85,086.00
	91,210.38

1		6,124.38			
2		85,086.00			
		91,210.38			

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1	37,912,322.53	11.96%	1,894,728.29
2	34,936,540.54	11.02%	1,746,428.23
3	32,508,357.71	10.26%	1,623,687.95

4	25,611,202.95	8.08%	1,273,828.48
5	16,984,187.39	5.36%	849,209.37
	147,952,611.12	46.68%	

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	55,303,483.10	72,512,282.45
	55,303,483.10	72,512,282.45

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1	12,607,323.25	99.96%	4,226,917.64	99.91%
1 2	1 4,800.00	0.04%	3,300.00	0.08%

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	2,425,801.96	2,458,719.24
	243,657.17	689,273.27
	256,840.31	160,214.03
	145,359.00	2,862.37
	3,071,658.44	3,311,068.91

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	12	( )	( )	
2022 1 1	2,211,778.69			2,211,778.69
2022 1 1				
	-34,159.14			-34,159.14
2022 6 30	2,177,619.55			2,177,619.55

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1 1	698,030.44
1 2	247,855.00

2 3	0.00
3	2,125,773.00
3 4	1,318,205.00
4 5	807,568.00
	3,071,658.44

3

	0.00					0.00
	2,211,778.69	-34,159.14				2,177,619.55
	2,211,778.69	-34,159.14				2,177,619.55

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		1,318,205.00	3	42.92%	1,318,205.00
		694,286.00	1 1-2 3	22.60%	694,286.00

	9,669,916.97	583,596.80		1,297,717.10		8,955,796.67
	3,983,753.56	1,532,447.60		496,768.95		5,019,432.21
	5,298,003.43	1,729,840.34		832,337.80		6,195,505.97
	18,951,673.96	3,845,884.74		2,626,823.85		20,170,734.85

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		5,411,548.81
	1,891,654.78	2,033,423.17
		13,437.38
	1,891,654.78	7,458,409.36

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	12	( )	( )	
2022 1 1				

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	12	( )	( )	
2022 1 1				

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	12	( )	( )	
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	7,453,343.12			-357,145.15						7,096,197.97	
	7,453,343.12			-357,145.15						7,096,197.97	
	7,453,343.12			-357,145.15						7,096,197.97	

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	547,636,028.08	568,678,135.67
	547,636,028.08	568,678,135.67

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1.	327,017,091.84	423,840,681.56	16,891,398.71	2,590,381.44	69,683,291.40	840,022,844.95
2.	3,810,001.41	12,284,547.93	107,166.40	341,927.13	1,773,268.05	18,316,910.92
1		8,553,210.36	107,166.40	343,681.41	1,811,937.17	10,815,995.34
2	3,902,184.07	4,144,336.80				8,046,520.87

3						
4	-92,182.66	-412,999.23		-1,754.28	-38,669.12	-545,605.29
3.	0.00	3,427,343.20	0.00	0.00	135,033.67	3,562,376.87
1	0.00	3,427,343.20	0.00	0.00	135,033.67	3,562,376.87
4.	330,827,093.25	432,697,886.29	16,998,565.11	2,932,308.57	71,321,525.78	854,777,379.00
1.	46,360,841.75	170,825,552.63	8,355,636.92	2,110,298.09	43,692,379.89	271,344,709.28
2.	8,526,615.20	19,641,470.30	1,386,529.92	156,471.62	7,783,650.73	37,494,737.76
1	8,540,762.57	19,779,445.08	1,386,529.92	157,495.02	7,803,774.16	37,668,006.74
2	-14,147.37	-137,974.78	0.00	-1,023.40	-20,123.43	-173,268.98
3.	0.00	1,595,511.78	0.00	0.00	102,584.34	1,698,096.12
1	0.00	1,595,511.78	0.00	0.00	102,584.34	1,698,096.12
4.	54,887,456.95	188,871,511.15	9,742,166.84	2,266,769.71	51,373,446.28	307,141,350.92
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1.	275,939,636.30	243,826,375.14	7,256,398.27	665,538.86	19,948,079.50	547,636,028.08
2.	280,656,250.09	253,015,128.93	8,535,761.79	480,083.35	25,990,911.51	568,678,135.67

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	1,613,306.55

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	40,375,213.22	17,656,763.81
	40,375,213.22	17,656,763.81

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	98,230.09		98,230.09	97,345.13		97,345.13
	2,127,925.65		2,127,925.65	2,656,847.45		2,656,847.45
	20,166,937.99		20,166,937.99	3,667,980.52		3,667,980.52
	17,982,119.49		17,982,119.49	11,234,590.71		11,234,590.71
	40,375,213.22		40,375,213.22	17,656,763.81		17,656,763.81

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	205,000,000.00	7,530,802,802.99	6,922,904,904.99	3,902,184,184.07		10,551,523,523.91	99.16%	99.80%				
	183,544,000.00	3,703,787,787.72	3,726,807,807.86			7,430,595,595.58	4.05%	4.00%				
		3,667,980,980.52	20,643,294,294.27	4,144,336,336.80		20,166,937,937.99						
	388,544,000.00	14,902,571,571.23	31,293,007,007.12	8,046,520,520.87	0.00	38,149,057,057.48						

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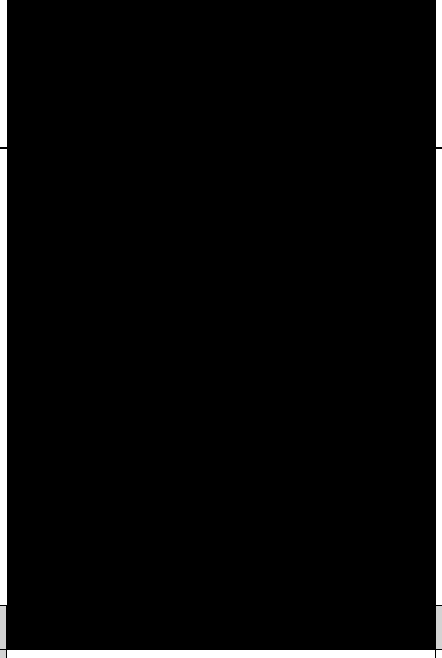

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1.	48,508,869.14	12,615,800.00		11,402,952.41	72,527,621.55
2.	-432,981.23			-225,024.02	-658,005.25
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(4)	-432,981.23			-225,024.02	-658,005.25
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4.	48,075,887.91	12,615,800.00		11,177,928.39	71,869,616.30
1.	6,418,912.88	2,254,910.00		10,373,201.98	19,047,024.86
2.	447,021.72	1,118,690.67		738,032.13	2,303,744.52
1	447,021.72	1,118,690.67		880,452.39	2,446,164.78
4				-142,420.26	-142,420.26
3.					
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4.	6,865,934.60	3,373,600.67		11,111,234.11	21,350,769.38
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1.	41,209,953.31	9,242,199.33		66,694.28	50,518,846.92
2.	42,089,956.26	10,360,890.00		1,029,750.43	53,480,596.69

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		.88				.88		
100G		4,307,659.05				4,307,659.05		
		129,134.29				129,134.29		
		312,417.45				312,417.45		
		4,614,472.05				4,614,472.05		
		864,097.22				864,097.22		
		4,199,704.15				4,199,704.15		
		9,732,103.62				9,732,103.62		
		5,538,748.20				5,538,748.20		
		3,635,426.88				3,635,426.88		
		1,980,059.88				1,980,059.88		
		3,335,228.50				3,335,228.50		
		799,286.18				799,286.18		
		1,963,109.80				1,963,109.80		
		3,634,887.62				3,634,887.62		
800G		466,045.53				466,045.53		

		292,187.08				292,187.08		
		62,197,556.05				62,197,556.05		

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	5,748,132.75					5,748,132.75
	23,899,440.43					23,899,440.43
	29,647,573.18					29,647,573.18

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	0.00					0.00
	0.00					0.00

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	3,683,885.28		720,621.56		2,963,263.72
	1,048,774.51	113,048.91	199,269.41		962,554.01
	1,182,278.43	43,800.00	158,784.40		1,067,294.03
	5,914,938.22	156,848.91	1,078,675.37		4,993,111.76

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	37,179,219.20	5,420,107.61	36,130,683.42	5,419,602.54
	27,989,336.25	4,198,400.44	26,495,770.04	3,974,365.50
	15,053,482.61	2,258,022.39	12,114,048.00	1,817,107.20
	516,044.72	77,406.71	457,817.82	68,672.67
	80,738,082.78	11,953,937.15	75,198,319.28	11,279,747.91

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	17,920,868.24	2,688,130.24	20,637,134.12	3,095,570.12
	2,477,967.18	371,695.08	2,477,967.18	371,695.08
	34,411,746.85	5,161,762.03	30,652,349.00	4,597,852.36
	54,810,582.27	8,221,587.35	53,767,450.30	8,065,117.56

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		11,953,937.15		11,279,747.91
		8,221,587.35		8,065,117.56

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	1,045,168.40	1,639,280.98
	1,045,168.40	1,639,280.98

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	25,974,059.92		25,974,059.92	6,748,384.38		6,748,384.38
	25,974,059.92		25,974,059.92	6,748,384.38		6,748,384.38

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	264,180.00	1,140,959.60
	264,180.00	1,140,959.60

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		735,272.07
	97,410,057.74	22,331,295.35
	10,164,627.36	
	107,574,685.10	23,066,567.42

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1	97,643,675.36	75,260,291.16
1 2	4,314,132.58	3,128,427.30
2 3	449,326.43	58,967.64
3	817,157.78	834,249.62
	103,224,292.15	79,281,935.72

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	0.00	3,000,000.00

		3,000,000.00

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1	13,113,249.71	9,231,306.79
1 2	915,664.22	243,269.28
2 3	243,269.28	0.00
3	6,036.54	6,036.54
	14,278,219.75	9,480,612.61

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2T$– 4"'ì h"ìÐ 0 Ã7,À	3,441,311.23	145,238,733.70	150,097,265.35	32,582,779.58

4		2,485,996.32	2,665,976.76	-179,980.44
5	1,694,270.80	1,790,014.64	1,114,868.98	2,369,416.46
	37,441,311.23	145,238,733.70	150,097,265.35	32,582,779.58

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1	228,314.48	12,048,504.24	12,625,867.39	-349,048.67
2		196,185.22	204,880.29	-8,695.07
	228,314.48	12,244,689.46	12,830,747.68	-357,743.74

40

	16,115,435.00	9,219,848.79
	20,956,224.26	5,159,288.73
	341,286.90	355,477.61
	789,298.61	504,070.48
	670,109.94	414,644.35
	532,529.98	156,495.62
	92,456.88	92,456.88
	52,202.72	73,821.60
		22,372.33
	39,549,544.29	15,998,476.39

41

	682,240.00	446,080.00
	4,646,147.55	4,124,101.76
	5,328,387.55	4,570,181.76

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		446,080.00

	2,463,791.56	2,677,846.25

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		43,689.79
	4,258,604.21	2,677,511.19
	4,258,604.21	2,721,200.98

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	7,650,568.05	9,078,776.41
	7,650,568.05	9,078,776.41

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	17,981,721.00			17,981,721.00	
	17,981,721.00			17,981,721.00	

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	17,981,721.00						17,981,721.00	

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	391,546,193.00	1,210,320.00				1,210,320.00	392,756,513.00

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	992,217,943.40	25,162,553.40		1,017,380,496.80
	12,114,048.00	2,939,434.62		15,053,482.62
	1,004,331,991.40	28,101,988.02		1,032,433,979.42

25,162,553.40

2,939,434.62

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	104,879,897.01			104,879,897.01
	104,879,897.01			104,879,897.01

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	843,526,672.34	682,895,895.29
	843,526,672.34	682,895,895.29
	172,995,372.27	137,858,517.74
	156,618,477.20	130,170,397.79
	859,903,567.41	690,584,015.24

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231,889,831,889,811

	1	2		
	489,661,296.88			489,661,296.88
	78,331,792.33			78,331,792.33
	9,162,067.08			9,162,067.08
	261,701,819.76			261,701,819.76
	315,453,336.53			315,453,336.53
	577,155,156.29			577,155,156.29

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62

	1,723,174.70	2,367,466.69
	1,351,985.61	1,860,540.08
	821,013.63	312,991.23

	184,913.76	184,913.75
	2,725.00	2,700.00
	282,780.72	226,819.58
		24,287.17
	4,366,593.42	4,979,718.50

63

	7,220,865.06	7,069,827.88
	590,815.55	691,062.24
	479,261.66	354,755.60
	579,328.48	340,469.10
	280,541.98	726,957.74
	9,150,812.73	9,183,072.56

64

	10,418,096.37	11,449,901.89
	10,080,859.86	7,190,151.87
	2,939,434.62	4,183,197.18
	1,283,878.24	1,668,876.55
	2,432,688.79	3,031,670.42
	289,718.25	615,264.70
	186,954.37	524,981.01
	203,713.00	

66

	458,865.46	326,223.79
	-4,055,879.61	-3,855,187.50
	-10,280,303.61	-490,200.68
	1,075,372.70	1,148,606.50
	-12,801,945.06	-2,870,557.89

67

	3,229,101.94	5,204,000.03

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	-357,145.15	-527,346.43
	14,317,136.65	7,699,905.24
	13,959,991.50	7,172,558.81

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	160,000.00	35,000.00	160,000.00
	1,810,690.27		1,810,690.27
	91,158.58	1,488.20	91,158.58

91,>BDC /TT32022905482290P <58.138134_543B72_1496 / ET EMC BT /Span <</MCID 13 >>BDC /TT435BT 05482290P <<043

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	1,222,719.08	1,669,998.46
	175,168.21	0.00
	9,500,967.73	10,287,905.37

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	19,946,448.87	

		18,424.75
		14,455,000.00
		14,892,584.75

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	174,108,132.81	139,040,574.77
	3,129,236.28	4,398,347.41
	37,668,006.74	26,698,132.06
	1,581,355.36	1,314,696.36

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	1,035,917,665.33	473,199,807.52
	515,047,699.89	177,347,807.55
	520,869,965.44	295,851,999.97

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	1,035,917,665.33	515,047,699.89
	16,182.09	43,146.73
	1,035,901,483.24	515,004,553.16
	1,035,917,665.33	515,047,699.89

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	1,100,000.00	2022	1,100,000.00
	1,009,000.00		1,009,000.00
	328,413.98		328,413.98
	225,534.24		225,534.24
	200,000.00	2022	200,000.00
	183,076.27		183,076.27
	153,125.00		153,125.00
	13,500.00		13,500.00
	16,452.45		16,452.45
	3,229,101.94		3,229,101.94

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	7,096,197.97	7,453,343.12
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			386,000,000.00	386,000,000.00
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			55,303,483.10	55,303,483.10
			441,303,483.10	441,303,483.10

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	261,701,819.76	315,453,336.53		577,155,156.29
	135,866,322.81	161,260,613.77		297,126,936.58

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						2,686,769.69	1.08%	2,686,769.69	100.00%	
						2,686,769.69	1.08%	2,686,769.69	100.00%	0.00
	295,481,658.54	100.00%	14,065,103.30	4.76%	281,416,555.24	245,899,551.59	98.92%	11,508,259.41	4.68%	234,391,292.18
	281,399,454.10	95.23%	14,065,103.30	5.00%	267,334,350.80	229,738,010.41	92.42%	11,508,259.41	5.01%	218,229,751.00
	14,082,204.44	4.77%			14,082,204.44	16,161,541.18	6.50%			16,161,541.18
	295,481,658.54	100.00%	14,065,103.30		281,416,555.24	248,586,321.28	100.00%	14,195,029.10		234,391,292.18

14,065,103.30

1	281,029,452.70	14,051,472.64	5.00%
1 2	136,306.64	13,630.66	10.00%
2 3			30.00%
3			100.00%
	295,481,658.54	14,065,103.30	

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	8,000,000.00	20,000,000.00
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	8,344,400.00	20,300,000.00

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2022 1 1	300,000.00			300,000.00
2022 1 1				
	1,500.00			1,500.00
2022 6 30	301,500.00			301,500.00

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1 1	44,400.00
1 2	8,000,000.00
3	300,000.00
4 5	300,000.00
	8,344,400.00

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	300,000.00	1,500.00				301,500.00
	300,000.00	1,500.00				301,500.00

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		8,000,000.00	1-2	95.87%	0.00
		300,000.00	3	3.60%	300,000.00

		44,400.00	1	0.53%	1,500.00
		8,344,400.00		100.00%	301,500.00

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	100,123,801.60				372,155.85	100,495,957.45	
		640,000.00				640,000.00	
	318,775,515.99	120,640,000.00			1,488,934.46	440,904,450.45	

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	7,453,343.12			-357,145.15						7,096,197.97	
	7,453,343.12			-357,145.15						7,096,197.97	
	7,453,343.12			-357,145.15						7,096,197.97	

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	262,952,491.51			262,952,491.51
	239,136,818.80			239,136,818.80
	502,089,310.31			502,089,310.31

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	-1,685,951.22	
	3,229,101.94	
	14,317,136.65	
	2,686,769.69	
	3,664,605.88	
	3,331,749.44	
	18,879,913.50	--

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	7.15%	0.4425	0.4406
	6.37%	0.3942	0.3925

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