		<u>Wipro Lim</u>	<u>iited</u>				
	Operating Metric	the Quarter ends of the the Quarter ends of the					
A. IT Serv	vices	FY 11-12			FY 10-11		
		Q1	FY	Q4	Q3	Q2	Q1
ං ජ ආ	IT Services Revenues (\$M)	1,407.5	5,220.7	1,400.4	1,343.8	1,272.8	1,203.7
Revenue & OM%	Sequential Growth	0.5%	18.9%	4.2%	5.6%	5.7%	3.2%
Rev	Operating Margin%	22.0%	22.7%	22.1%	22.2%	22.2%	24.7%
B. Servic	es						
<i>(</i> 0	Practices						
Value added services composition	Technology Infrastructure Services	21.7%	21.3%	21.6%	21.4% 5.9%	21.1% 5.8%	21.0% 5.6%
e added serv composition	Analytics and Information Management Business Application Services	6.4% 30.4%	5.8% 30.1%	6.0% 29.7%	5.9% 29.8%	5.8% 30.3%	5.6% 30.4%
ed s osit	BPO	9.3%	9.7%	9.8%	9.3%	9.8%	10.1%
add	Product Engineering & Mobility	8.3%	8.5%	8.2%	8.5%	8.7%	8.6%
ne a	ADM	23.9%	24.6%	24.7%	25.1%	24.3%	24.3%
Val	R&D Business	12.5%	13.9% 2.9%	13.0% 3.1%	13.5%	14.3% 2.9%	15.0%
	Consulting	3.1%	2.9%	3.1%	3.1%	2.9%	2.6%
	<u>Verticals</u> Global Media & Telecom	46.99/	17.0%	17.2%	17.0%	16.0%	47 40/
fion	Finance Solutions	16.8% 26.7%	17.0% 26.9%	17.2% 26.7%	17.0% 27.3%	16.9% 26.9%	17.1% 26.9%
Vertical composition	Manufacturing & Hitech	19.7%	20.5%	19.7%	20.0%	20.9%	20.5%
Vei	Healthcare, Life Sciences & Services	10.2%	10.7%	10.5%	10.4%	10.9%	10.7%
8	Retail & Transportation	15.0%	15.4%	15.7%	15.4%	15.5%	14.9%
	Energy & Utilities	11.6%	9.5%	10.2%	9.9%	8.9%	8.9%
	Geography						
<u>e</u>	Geography Americas	53.0%	55.3%	53.9%	54.2%	55.9%	57.3%
dmo	<u>Geography</u> Americas Europe	53.0% 28.6%	55.3% 27.1%	53.9% 28.0%	54.2% 28.3%	55.9% 26.5%	
so Comp	Americas				28.3% 1.5%		25.4% 1.5%
Geo Comp	Americas Europe Japan India & Middle East business	28.6% 1.1% 9.0%	27.1% 1.5% 9.0%	28.0% 1.5% 9.1%	28.3% 1.5% 8.9%	26.5% 1.5% 8.9%	57.3% 25.4% 1.5% 9.0%
Geo Comp	Americas Europe Japan	28.6% 1.1%	27.1% 1.5%	28.0% 1.5%	28.3% 1.5%	26.5% 1.5%	25.4% 1.5%
	Americas Europe Japan India & Middle East business APAC and Other Emerging Markets Guidance (\$MN)	28.6% 1.1% 9.0%	27.1% 1.5% 9.0%	28.0% 1.5% 9.1%	28.3% 1.5% 8.9%	26.5% 1.5% 8.9%	25.4% 1.5% 9.0%
	Americas Europe Japan India & Middle East business APAC and Other Emerging Markets Guidance (\$MN) Guidance restated based on actual currency realized	28.6% 1.1% 9.0% 8.3%	27.1% 1.5% 9.0%	28.0% 1.5% 9.1% 7.5%	28.3% 1.5% 8.9% 7.1%	26.5% 1.5% 8.9% 7.2%	25.4% 1.5% 9.0% 6.8%
Guidance Geo Comp	Americas Europe Japan India & Middle East business APAC and Other Emerging Markets Guidance (\$MN)	28.6% 1.1% 9.0% 8.3% 1,394-1,422	27.1% 1.5% 9.0%	28.0% 1.5% 9.1% 7.5%	28.3% 1.5% 8.9% 7.1% 1,317-1,343	26.5% 1.5% 8.9% 7.2% 1,253-1,277	25.4% 1.5% 9.0% 6.8% 1,190-1,215
Guidance	Americas Europe Japan India & Middle East business APAC and Other Emerging Markets Guidance (\$MN) Guidance restated based on actual currency realized (\$MN)	28.6% 1.1% 9.0% 8.3% 1,394-1,422 1,389-1,417	27.1% 1.5% 9.0% 7.1%	28.0% 1.5% 9.1% 7.5% 1,384-1,411 1,393-1,420	28.3% 1.5% 8.9% 7.1% 1,317-1,343 1,336-1,362	26.5% 1.5% 8.9% 7.2% 1,253-1,277 1,265-1,289	25.4% 1.5% 9.0% 6.8% 1,190-1,215 1,176-1,201
Guidance	Americas Europe Japan India & Middle East business APAC and Other Emerging Markets Guidance (\$MN) Guidance restated based on actual currency realized (\$MN) IT Services Revenues (\$M)	28.6% 1.1% 9.0% 8.3% 1,394-1,422 1,389-1,417 1,407.5	27.1% 1.5% 9.0% 7.1% 5,220.7	28.0% 1.5% 9.1% 7.5% 1,384-1,411 1,393-1,420 1,400.4 3	28.3% 1.5% 8.9% 7.1% 1,317-1,343 1,336-1,362	26.5% 1.5% 8.9% 7.2% 1,253-1,277 1,265-1,289	25.4% 1.5% 9.0% 6.8% 1,190-1,215 1,176-1,201
Guidance	Americas Europe Japan India & Middle East business APAC and Other Emerging Markets Guidance (\$MN) Guidance restated based on actual currency realized (\$MN) IT Services Revenues (\$M) Customer size distribution (TTM) > \$100M > \$75M	28.6% 1.1% 9.0% 8.3% 1,394-1,422 1,389-1,417 1,407.5 4 12	27.1% 1.5% 9.0% 7.1% 5,220.7 3 12	28.0% 1.5% 9.1% 7.5% 1,384-1,411 1,393-1,420 1,400.4 3 12	28.3% 1.5% 8.9% 7.1% 1,317-1,343 1,336-1,362 1,343.8 1 1 10	26.5% 1.5% 8.9% 7.2% 1,253-1,277 1,265-1,289 1,272.8	25.4% 1.5% 9.0% 6.8% 1,190-1,215 1,176-1,201 1,203.7 2 9
Guidance	Americas Europe Japan India & Middle East business APAC and Other Emerging Markets Guidance (\$MN) Guidance restated based on actual currency realized (\$MN) IT Services Revenues (\$M) Customer size distribution (TTM) > \$100M > \$75M > \$50M	28.6% 1.1% 9.0% 8.3% 1,394-1,422 1,389-1,417 1,407.5 4 12 24	27.1% 1.5% 9.0% 7.1% 5,220.7 3 12 22	28.0% 1.5% 9.1% 7.5% 1,384-1,411 1,393-1,420 1,400.4 3 12 22	28.3% 1.5% 8.9% 7.1% 1,317-1,343 1,336-1,362 1,343.8 1 10 21	26.5% 1.5% 8.9% 7.2% 1,253-1,277 1,265-1,289 1,272.8 1 9 20	25.4% 1.5% 9.0% 6.8% 1,190-1,215 1,176-1,201 1,203.7 2 9 17
Guidance	Americas Europe Japan India & Middle East business APAC and Other Emerging Markets Guidance (\$MN) Guidance restated based on actual currency realized (\$MN) IT Services Revenues (\$M) Customer size distribution (TTM) > \$100M > \$75M > \$50M > \$20M	28.6% 1.1% 9.0% 8.3% 1,394-1,422 1,389-1,417 1,407.5 4 12 24 69	27.1% 1.5% 9.0% 7.1% 5,220.7 3 12 22 68	28.0% 1.5% 9.1% 7.5% 1,384-1,411 1,393-1,420 1,400.4 3 12 22 68	28.3% 1.5% 8.9% 7.1% 1,317-1,343 1,336-1,362 1,343.8 1 1 10 21 64	26.5% 1.5% 8.9% 7.2% 1,253-1,277 1,265-1,289 1,272.8 1,272.8 1 9 20 63	25.4% 1.5% 9.0% 6.8% 1,190-1,215 1,176-1,201 1,203.7 2 9 17 58
Guidance	Americas Europe Japan India & Middle East business APAC and Other Emerging Markets Guidance (\$MN) Guidance restated based on actual currency realized (\$MN) IT Services Revenues (\$M) Customer size distribution (TTM) > \$100M > \$75M > \$50M > \$20M > \$10M	28.6% 1.1% 9.0% 8.3% 1,394-1,422 1,389-1,417 1,407.5 4 4 12 24 69 118	27.1% 1.5% 9.0% 7.1% 5,220.7 3 12 22 68 117	28.0% 1.5% 9.1% 7.5% 1,384-1,411 1,393-1,420 1,400.4 3 12 22 68 117	28.3% 1.5% 8.9% 7.1% 1,317-1,343 1,336-1,362 1,343.8 1 1 10 21 64 113	26.5% 1.5% 8.9% 7.2% 1,253-1,277 1,265-1,289 1,272.8 1,272.8 1 9 20 63 106	25.4% 1.5% 9.0% 6.8% 1,190-1,215 1,176-1,201 1,203.7 2 9 17 58 100
Guidance	Americas Europe Japan India & Middle East business APAC and Other Emerging Markets Guidance (\$MN) Guidance restated based on actual currency realized (\$MN) IT Services Revenues (\$M) Customer size distribution (TTM) > \$100M > \$75M > \$50M > \$20M	28.6% 1.1% 9.0% 8.3% 1,394-1,422 1,389-1,417 1,407.5 4 12 24 69	27.1% 1.5% 9.0% 7.1% 5,220.7 3 12 22 68	28.0% 1.5% 9.1% 7.5% 1,384-1,411 1,393-1,420 1,400.4 3 12 22 68	28.3% 1.5% 8.9% 7.1% 1,317-1,343 1,336-1,362 1,343.8 1 1 10 21 64	26.5% 1.5% 8.9% 7.2% 1,253-1,277 1,265-1,289 1,272.8 1,272.8 1 9 20 63	25.4% 1.5% 9.0% 6.8% 1,190-1,215 1,176-1,201 1,203.7 2 9 17 58 100 165
	Americas Europe Japan India & Middle East business APAC and Other Emerging Markets Guidance (\$MN) Guidance restated based on actual currency realized (\$MN) IT Services Revenues (\$M) Customer size distribution (TTM) > \$100M > \$75M > \$50M > \$20M > \$10M > \$20M > \$10M	28.6% 1.1% 9.0% 8.3% 1,394-1,422 1,389-1,417 1,407.5 4 4 12 24 69 118 195	27.1% 1.5% 9.0% 7.1% 5,220.7 3 12 22 68 117 180	28.0% 1.5% 9.1% 7.5% 1,384-1,411 1,393-1,420 1,400.4 3 12 22 68 117 180	28.3% 1.5% 8.9% 7.1% 1,317-1,343 1,336-1,362 1,343.8 1 1 10 21 64 113 176	26.5% 1.5% 8.9% 7.2% 1,253-1,277 1,265-1,289 1,272.8 1,272.8 1 9 20 63 106 164	25.4% 1.5% 9.0% 6.8% 1,190-1,215 1,176-1,201 1,203.7 2 9 17 58 100 165 238
Guidance	Americas Europe Japan India & Middle East business APAC and Other Emerging Markets Guidance (\$MN) Guidance restated based on actual currency realized (\$MN) IT Services Revenues (\$M) Customer size distribution (TTM) > \$100M > \$75M > \$50M > \$50M > \$50M > \$20M > \$10M	28.6% 1.1% 9.0% 8.3% 1,394-1,422 1,389-1,417 1,407.5 4 4 12 24 69 118 195 258 438	27.1% 1.5% 9.0% 7.1% 5,220.7 3 12 22 68 117 180 255 429	28.0% 1.5% 9.1% 7.5% 1,384-1,411 1,393-1,420 1,400.4 3 12 22 68 117 180 255 429	28.3% 1.5% 8.9% 7.1% 1,317-1,343 1,336-1,362 1,343.8 1 1 1 1 1 1 1 1 1 1 1 1 1	26.5% 1.5% 8.9% 7.2% 1,253-1,277 1,265-1,289 1,272.8 1,272.8 1 9 20 63 106 164 244 425	25.4% 1.5% 9.0% 6.8% 1,190-1,215 1,176-1,201 1,203.7 2 9 17 58 100 165 238 434
Customer Relationships Guidance	Americas Europe Japan India & Middle East business APAC and Other Emerging Markets Guidance (\$MN) Guidance restated based on actual currency realized (\$MN) IT Services Revenues (\$M) Customer size distribution (TTM) > \$100M > \$75M > \$50M > \$20M > \$10M > \$55M > \$3M > \$1M Revenue from Existing customers %	28.6% 1.1% 9.0% 8.3% 1,394-1,422 1,389-1,417 1,407.5 4 4 12 24 69 118 195 258 438 99.3%	27.1% 1.5% 9.0% 7.1% 5,220.7 3 12 22 68 117 180 255 429 98.2%	28.0% 1.5% 9.1% 7.5% 1,384-1,411 1,393-1,420 1,400.4 3 12 22 68 117 180 255 429 96.9%	28.3% 1.5% 8.9% 7.1% 1,317-1,343 1,336-1,362 1,343.8 1 1 1 1 1 1 1 1 1 1 1 1 1	26.5% 1.5% 8.9% 7.2% 1,253-1,277 1,265-1,289 1,272.8 1,272.8 1 9 20 63 106 164 244 425 99.0%	25.4% 1.5% 9.0% 6.8% 1,190-1,215 1,176-1,201 1,203.7 2 9 17 58 100 165 238 434 99.6%
Customer Relationships Guidance	Americas Europe Japan India & Middle East business APAC and Other Emerging Markets Guidance (\$MN) Guidance restated based on actual currency realized (\$MN) IT Services Revenues (\$M) Customer size distribution (TTM) > \$100M > \$75M > \$50M > \$50M > \$50M > \$20M > \$10M	28.6% 1.1% 9.0% 8.3% 1,394-1,422 1,389-1,417 1,407.5 4 4 12 24 69 118 195 258 438	27.1% 1.5% 9.0% 7.1% 5,220.7 3 12 22 68 117 180 255 429	28.0% 1.5% 9.1% 7.5% 1,384-1,411 1,393-1,420 1,400.4 3 12 22 68 117 180 255 429	28.3% 1.5% 8.9% 7.1% 1,317-1,343 1,336-1,362 1,343.8 1 1 1 1 1 1 1 1 1 1 1 1 1	26.5% 1.5% 8.9% 7.2% 1,253-1,277 1,265-1,289 1,272.8 1,272.8 1 9 20 63 106 164 244 425	25.4% 1.5% 9.0% 6.8% 1,190-1,215 1,176-1,201 1,203.7 2 9 17 58 100 165 238 434 99.6% 22
Customer Relationships Guidance	Americas Europe Japan India & Middle East business APAC and Other Emerging Markets Guidance (\$MN) Guidance restated based on actual currency realized (\$MN) IT Services Revenues (\$M) Customer size distribution (TTM) > \$100M > \$75M > \$50M > \$20M > \$10M > \$55M > \$3M > \$1M Revenue from Existing customers % Number of new customers Total Number of active customers	28.6% 1.1% 9.0% 8.3% 1,394-1,422 1,389-1,417 1,407.5 4 4 12 24 69 118 195 258 438 99.3% 49	27.1% 1.5% 9.0% 7.1% 5,220.7 3 12 22 68 117 180 255 429 98.2% 155	28.0% 1.5% 9.1% 7.5% 1,384-1,411 1,393-1,420 1,400.4 3 12 22 68 117 180 255 429 96.9% 68	28.3% 1.5% 8.9% 7.1% 1,317-1,343 1,336-1,362 1,343.8 1 1 1 1 1 1 1 1 1 1 1 1 1	26.5% 1.5% 8.9% 7.2% 1,253-1,277 1,265-1,289 1,272.8 1,272.8 1 99 20 63 106 164 244 425 99.0% 29	25.4% 1.5% 9.0% 6.8% 1,190-1,215 1,176-1,201 1,203.7 2 9 17 58 100 165 238 434 99.6% 22
Customer Relationships Guidance	Americas Europe Japan India & Middle East business APAC and Other Emerging Markets Guidance (\$MN) Guidance restated based on actual currency realized (\$MN) IT Services Revenues (\$M) Customer size distribution (TTM) > \$100M > \$75M > \$50M > \$20M > \$10M > \$55M > \$3M > \$1M Revenue from Existing customers % Number of new customers Total Number of active customers Customer Concentration	28.6% 1.1% 9.0% 8.3% 1,394-1,422 1,389-1,417 1,407.5 4 4 12 24 69 118 195 258 438 438 99.3% 49 937	27.1% 1.5% 9.0% 7.1% 5,220.7 3 12 22 68 117 180 255 429 98.2% 155 904	28.0% 1.5% 9.1% 7.5% 1,384-1,411 1,393-1,420 1,400.4 3 12 22 68 117 180 255 429 96.9% 68 904	28.3% 1.5% 8.9% 7.1% 1,317-1,343 1,336-1,362 1,343.8 1 1 1 1 1 1 1 1 1 1 1 1 1	26.5% 1.5% 8.9% 7.2% 1,253-1,277 1,265-1,289 1,272.8 1 1 9 20 63 106 164 244 425 99.0% 29 890	25.4% 1.5% 9.0% 6.8% 1,190-1,215 1,176-1,201 1,203.7 2 9 17 58 100 165 238 434 99.6% 22 858
Customer Relationships Guidance	Americas Europe Japan India & Middle East business APAC and Other Emerging Markets Guidance (\$MN) Guidance restated based on actual currency realized (\$MN) IT Services Revenues (\$M) Customer size distribution (TTM) > \$100M > \$75M > \$50M > \$20M > \$10M > \$55M > \$3M > \$1M Revenue from Existing customers % Number of new customers Total Number of active customers Customer Concentration Top customer	28.6% 1.1% 9.0% 8.3% 1,394-1,422 1,389-1,417 1,407.5 4 4 12 24 69 118 195 258 438 99.3% 49 937 3.3%	27.1% 1.5% 9.0% 7.1% 5,220.7 3 12 22 68 117 180 255 429 98.2% 155 904 3.0%	28.0% 1.5% 9.1% 7.5% 1,384-1,411 1,393-1,420 1,400.4 3 12 22 68 117 180 255 429 96.9% 68 904 3.1%	28.3% 1.5% 8.9% 7.1% 1,317-1,343 1,336-1,362 1,343.8 1 1 1 1 1 1 1 1 1 1 1 1 1	26.5% 1.5% 8.9% 7.2% 1,253-1,277 1,265-1,289 1,272.8 1 99 20 63 106 164 244 425 99.0% 29 890 890	25.4% 1.5% 9.0% 6.8% 1,190-1,215 1,176-1,201 1,203.7 2 9 17 58 100 165 238 434 99.6% 22 858 2.9%
Guidance	Americas Europe Japan India & Middle East business APAC and Other Emerging Markets Guidance (\$MN) Guidance restated based on actual currency realized (\$MN) IT Services Revenues (\$M) Customer size distribution (TTM) > \$100M > \$75M > \$50M > \$20M > \$10M > \$55M > \$3M > \$1M Revenue from Existing customers % Number of new customers Total Number of active customers Customer Concentration	28.6% 1.1% 9.0% 8.3% 1,394-1,422 1,389-1,417 1,407.5 4 4 12 24 69 118 195 258 438 438 99.3% 49 937	27.1% 1.5% 9.0% 7.1% 5,220.7 3 12 22 68 117 180 255 429 98.2% 155 904	28.0% 1.5% 9.1% 7.5% 1,384-1,411 1,393-1,420 1,400.4 3 12 22 68 117 180 255 429 96.9% 68 904	28.3% 1.5% 8.9% 7.1% 1,317-1,343 1,336-1,362 1,343.8 1 1 1 1 1 1 1 1 1 1 1 1 1	26.5% 1.5% 8.9% 7.2% 1,253-1,277 1,265-1,289 1,272.8 1 1 9 20 63 106 164 244 425 99.0% 29 890	25.4% 1.5% 9.0% 6.8% 1,190-1,215 1,176-1,201 1,203.7 2 9 17 58 100 165 238 434 99.6% 22 858

		FY 11-12	FY 10-11				
		Q1	FY	Q4	Q3	Q2	Q1
		400.400	400.005	400.005	440.404	445.000	440.005
	Closing Head Count - IT Services	126,490	122,385	122,385	119,491	115,900	112,925
	Utilization (IT Services excl BPO, IFOX and I&ME*)						
	Gross Utilization	69.7%	69.9%	68.9%	68.6%	70.9%	71.3%
ŝ	Net Utilization (excl Support)	76.9%	77.0%	76.1%	75.6%	78.0%	78.4%
itric	Net Utilization (Excluding Trainees)	81.0%	80.9%	79.7%	79.9%	82.4%	81.6%
Me							
Employee Metrics	Attrition						
lo lo	IT Services excl BPO and I&ME*						
Ē	Voluntary TTM	22.6%	22.7%	22.7%	21.6%	19.4%	15.8%
	Voluntary Quarterly Annualized	23.2%	22.3%	20.9%	21.7%	23.5%	23.0%
	Involuntary Quarterly Annualized	2.0%	1.9%	2.5%	2.2%	1.4%	1.4%
	BPO %- Quarterly	15.3%	14.9%	15.5%	14.2%	14.2%	15.9%
	BPO % - Post Training	10.2%	9.6%	10.6%	9.5%	9.6%	8.9%
	Sales & Support Staff - IT Services (avg)	10,333	9,676	10,288	10,048	9,583	8,783
	* India & Middle East Business						
C. IT Serv	vices (Excluding Infocrossing, BPO and India & Middle	East Business)				
Service delivery	Revenue from FPP	47.0%	45.7%	47.8%	46.3%	44.0%	44.6%
live	Onsite revenue - % of services	52.4%	51.7%	51.2%	51.8%	51.7%	52.2%
Se de	Off shore revenue - % of services	47.6%	48.3%	48.8%	48.2%	48.3%	47.8%
ne	Revenue in \$MN	540	1.007	500	545	400	400
Ven	Onsite Offshore	548 498	1,997 1,867	523 499	515 480	492 460	466 428
Revenue Mix	Olishore	498	1,007	499	480	460	428
_							
	Person months available						
÷	Onsite	48,232	177,460	45,595	45,762	43,986	42,117
nen	Offshore	155,594	593,747	156,815	154,046	146,916	135,970
ver	Support	21,045	78,251	21,162	20,340	19,020	17,729
Мо	Total	224,871	849,458	223,572	220,148	209,922	195,816
Volume Movement	Person months billed						
Inc	Onsite	45,820	168,587	43,315	43,474	41,786	40,011
ž	Offshore	110,858	425,060	110,639	107,642	107,082	99,698
1	Total	156,678	593,647	153,954	151,116	148,868	139,709

<u>Growth Me</u>	trics For Q1 FY	<u>′ 11-12</u>		
	Seq %	YoY%	Constant Currency Seq %	Constan Currency YoY %
IT Services	0.5%	16.9%	-0.3%	12.6%
		•	-	
Verticals				
Global Media & Telecom	-1.8%	15.2%	-2.9%	9.2%
Finance Solutions	0.5%	15.9%	-0.2%	12.3%
Manufacturing & Hitech	0.5%	7.0%	0.2%	5.1%
Healthcare, Life Sciences & Services	-3.2%	10.7%	-3.5%	9.2%
Retail & Transportation	-3.6%	17.6%	-4.5%	12.5%
Energy & Utilities	14.4%	54.1%	12.0%	41.8%
		-	-	
<u>Geography</u>				
Americas	-1.2%	8.1%	-1.3%	7.7%
Europe	2.6%	31.4%	1.2%	20.5%
Japan	-24.8%	-11.6%	-25.4%	-18.2%
India & Middle East business	-0.2%	18.2%	-0.9%	16.2%
APAC and Other Emerging Markets	11.3%	41.8%	6.6%	25.6%
	T		Ŧ	
Practices				
Technology Infrastructure Services	0.9%	20.6%		
Analytics and Information Management	7.6%	32.9%		
Business Application Services	2.7%	16.9%		
BPO	-4.2%	8.5%		
Product Engineering & Mobility	1.6%	13.3%		
ADM	-2.8%	14.8%		
R&D Business	-3.4%	-2.5%		
Consulting	0.2%	37.8%		
Price Realization				
Onsite	-0.8%	2.6%	-1.7%	-1.9%
Offshore	-0.4%	4.7%	-1.2%	0.6%

Constant currency revenues for the current quarter is the product of volumes in the current quarter times the average actual exchange rate of previous quarter