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**Quarterly report on the results for the quarter ended March 31, 2019**

**Tata Communications Limited**

Plot Nos. C-21 & C-36, 'G' Block, Bandra Kurla Complex,  
Vidyanagari Post Office, Mumbai - 400 098



**May 08, 2019**

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## **Supplemental Disclosures**

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**Safe Harbor:** - Some information in this report may contain forward-looking statements. We have based these forward-looking statements on our current beliefs, expectations and intentions as to facts, actions and events that will or may occur in the future. Such statements generally are identified by forward-looking words such as "believe," "plan," "anticipate," "continue," "estimate," "expect," "may," "will" or other similar words.

A forward-looking statement may include a statement of the assumptions or basis underlying the forward-looking statement. We have chosen these assumptions or basis in good faith, and we believe that they are reasonable in all material respects. However, we caution you that forward-looking statements and assumed facts or bases almost always vary from actual results, and the differences between the results implied by the forward-looking statements and assumed facts or bases and actual results can be material, depending on the circumstances. You should also keep in mind that any forward-looking statement made by us in this report or elsewhere speaks only as of the date on which we made it. New risks and uncertainties come up from time to time, and it is impossible for us to predict these events or how they may affect us. We have no duty to, and do not intend to, update or revise the forward-looking statements in this report after the date hereof. In light of these risks and uncertainties, any forward-looking statement made in this report or elsewhere may or may not occur and has to be understood and read along with this supplemental disclosure.

**General Risk:** - Investment in equity and equity related securities involves a degree of risk and investors should not invest any funds in this Company without necessary diligence and relying on their own examination of Tata Communications Limited; along with the equity investment risk which doesn't guarantee capital protection.

**Use of Certain Non-GAAP measures:** - This result announcement contains certain information on the Company's results of operations that have been derived from amounts calculated in accordance with Indian Accounting Standards (INDAS), but are not in themselves GAAP measures. They should not be viewed in isolation as alternatives to the equivalent INDAS measures and should be read in conjunction with the equivalent INDAS measures.

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**Section 1****TATA COMMUNICATIONS – PERFORMANCE AT A GLANCE**

Particulars	UNITS	Full Year Ended			Quarter Ended				
		2017	2018	2019	Mar 2018	June 2018	Sep 2018	Dec 2018	Mar 2019
<b><u>Operating Highlights</u></b>									
95 <sup>th</sup> Percentile Bandwidth Usage	Tbps/month	8.95	9.73	11.43	9.73	9.74	11.00	11.70	11.43
Data Revenue by Segment									
Service Provider	%	42.4%	42.7%	41.0%	42.0%	41.0%	41.0%	42.0%	40.0%
Enterprise	%	57.6%	57.3%	59.0%	58.0%	59.0%	59.0%	58.0%	60.0%
Data Revenue by Line of Business									
Traditional Services	%	71.4%	67.6%	64.9%	65.2%	66.8%	65.6%	64.8%	62.4%
Growth & Innovation Service	%	15.8%	19.5%	22.5%	21.4%	20.5%	22.3%	22.5%	24.6%
Rentals	%	n/a	1.1%	1.0%	1.1%	1.1%	1.0%	1.0%	1.0%
Subsidiaries	%	12.8%	11.9%	11.6%	12.3%	11.6%	11.1%	11.7%	12.0%
Total Voice Minutes	Bn, Minutes	42.9	39.4	30.0	8.9	8.7	7.7	7.0	6.6
International Long Distance	Bn, Minutes	38.6	35.4	27.5	7.7	7.9	6.9	6.4	6.3
National Long Distance	Bn, Minutes	4.3	3.9	2.6	1.2	0.8	0.8	0.6	0.4
<b><u>Financials</u></b>									
Gross Revenue	₹, Mn	176,200	167,717	165,249	40,401	39,437	40,682	42,695	42,435
Net Revenue	₹, Mn	83,928	85,352	91,101	21,337	20,968	22,214	23,631	24,288
EBITDA	₹, Mn	23,600	24,122	27,449	5,870	5,869	6,302	8,426	6,853
EBIT	₹, Mn	4,943	5,059	6,773	818	1,020	1,296	3,191	1,266
Profit Before Tax	₹, Mn	(5301)	456	3,432	301	41	419	2,343	629
Profit After Tax	₹, Mn	(7640)	(3286)	(824)	(1210)	(585)	16	1,733	(1988)
Capex	₹, Mn	15,879	15,147	18,644	3,327	4,837	4,578	4,997	4,232
Free Cash Flow	₹, Mn	7,721	8,975	8,805	2,543	1,031	1,724	3,429	2,621
Total Capital Employed	₹, Mn	90,547	80,010	83,455	80,009	88,433	87,267	90,217	83,455
Net Debt / (Net Cash)	₹, Mn	74,628	75,016	85,273	75,016	86,915	90,748	89,871	85,273
<b><u>Key Ratios</u></b>									
EBITDA Margin	%	13.4%	14.4%	16.6%	14.5%	14.9%	15.5%	19.7%	16.1%
EBIT Margin	%	2.8%	3.0%	4.1%	2.0%	2.6%	3.2%	7.5%	3.0%
Net Profit Margin	%	(4.3%)	(2.0%)	(0.5%)	(3.0%)	(1.5%)	0.0%	4.1%	(4.7%)
Net Debt to EBITDA (LTM)	Times	3.2	3.1	3.1	3.1	3.6	3.7	3.4	3.1
Weighted Average Cost of Debt	%	3.12%	3.50%	3.72%	3.87%	3.59%	3.67%	3.76%	3.86%
Interest Coverage Ratio (LTM)	Times	1.34	1.47	1.71	1.47	1.29	1.31	1.65	1.71
Return on Capital Employed	%	5.5%	6.3%	8.1%	6.3%	5.3%	5.5%	7.0%	8.1%
<b><u>Valuation Indicators</u></b>									
Market Capitalisation	₹, Bn	205.78	176.74	174.63	176.74	176.56	142.64	149.43	174.63
Enterprise Value	₹, Bn	280.41	251.76	259.90	251.76	264.99	233.39	239.30	259.90
EV / EBITDA (LTM)	Times	11.88	10.99	9.47	10.99	11.58	9.54	9.04	9.47

## **Section 2**

### **AN OVERVIEW**

#### **2.1 Company Overview**

Tata Communications is the leading global provider of a 'new world of communications'. With a leadership position in emerging markets, and an infrastructure that spans the globe, Tata Communications leverages its advanced solutions capabilities and domain expertise across its global network to deliver managed solutions to multinational companies and service providers. We're proud to provide 66% of the Fortune 500 companies with our state-of-the-art solutions, including a wide range of communication, collaboration, cloud, mobility, network and data center services.

The Tata Communications global network includes one of the most advanced and largest submarine cable networks. We are in the Top 5 IP providers on 5 continents and offer public and private network connectivity to more than 240 countries and territories. Our major service/solutions are Network engineering, development & management, Unified Communication & Collaboration solutions such as video, audio and web conferencing, in addition to an array of Data Center, Cloud and Security Services."

#### **Products, Services, and Solutions**

Every industry is going through profound upheavals as digital technology rapidly and radically transforms how business engages with the marketplace and all stakeholders. IT decision makers have started leveraging the growing sophistication of hybrid solutions to re-engineer IT economics, liberate more funds for innovation and enhance core business processes. This trend is driving greater demands for higher level performance from ICT providers. Whether it be mature enterprises looking to transform themselves or start up enterprises creating new products and services.

Tata Communications' portfolio of products, services and solutions have been uniquely designed to deliver these new levels of performance and is based on following fundamentals of our business strategy 2.0 roadmap.

Our offerings enable information and computing to work smarter and harder for the business users. Wherever they are. Whenever they need it. We put into their hands a unique range of performance technologies from our "best in class" platforms such as the world's only global Tier 1 infrastructure and IZO Cloud Enablement to 'industry specific' solutions for businesses be it manufacturing, media, BFSI or E-commerce industries.

Tata Communications categorizes its offerings into 2 major groupings: Data and Voice. In addition to these books of business we also have an ATM network subsidiary in India (Tata Communications Payment

Solutions Ltd.) and a network management outsourcing subsidiary that supports global service providers (Tata Communications Transformation Services Ltd.)

**Data Services:** Enterprises are evolving their enterprise networks to deal with business communication transformations. This is driven by advances in Cloud computing, the Internet of Everything, Smartphone proliferation for both consumer and enterprise uses, tighter supply chain integration/automation, and providing richer and more agile connections with their customers and partners.

**Network Services:** Our service offering includes a comprehensive selection of networking services including IZO™ Internet WAN, IZO Private Connect, IZO Public Connect enabling enterprise cloud adoption and core network services including WAN Ethernet, Global VPN and International private lines spanning over 100 countries. On the Internet, we're a major Tier-1 IP provider, consistently ranked in the top five telecommunications companies on five continents, by internet route. In fact, we handle more than 24% of the global internet route, totaling more than 7,300 petabytes a month. Our infrastructure features the world's largest wholly-owned subsea cable network, 4th largest tier 1 IPv6 enabled internet and backbone, and the most extensive reach into the emerging markets around the world. So, no matter where in the world your business takes you, we're there to provide the connectivity services you need.

**Unified Communications and Collaboration (UCC):** With our modular portfolio of Unified Communications (UC) services we help companies leverage their existing assets while enabling an advanced, future-proof UC strategy that delivers seamless connectivity and a globally consistent experience for internal teams, customers, partners and other external constituents. Our UCC portfolio includes Global SIP Connect, UCaaS Skype for Business and managed video services, cloud contact center, unified conferencing including WebEx CCA in collaboration with Cisco, and real time communication APIs. Our UCaaS proposition helps our clients chart their own journey looking at where they currently stand and the transformation required to implement their step-wise UCC strategy.

**Cloud, Hosting and Data Centre Services:** With over 1 million square feet of collocation space in 44 locations worldwide and global partnership to extend our reach and capacity, our portfolio offers access to Colocation, Dedicated Hosting, Virtualization, IZO Private Cloud and IZO Cloud Storage solutions: a single pathway to managing multiple complex workloads and computing environments, with an integrated view. Getting the right

Cloud and Data Centre solution often means contracting and coordinating with multiple suppliers around the world, working through layers of complexity and ultimately incurring additional costs. Our portfolio offers a flexible and cost efficient compute and storage options to meet the ever-growing needs of our clients.

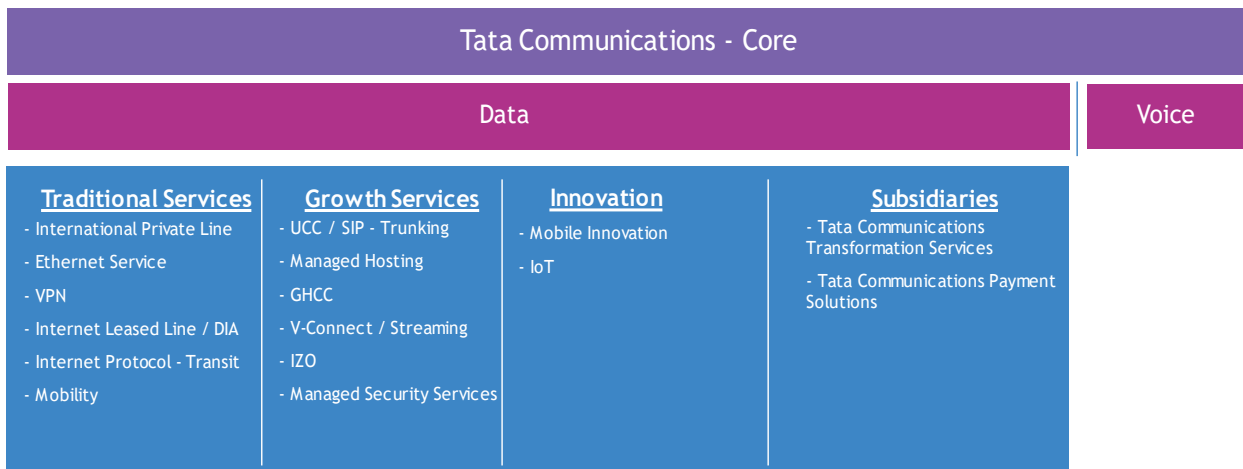
**Managed Security Services:** As more cloud based services are adopted, there is a growing threat to data security and privacy, which Tata Communications helps solve for its customers. Right from end-user authentication to security critical assets in Data Centres through firewalls and threat mitigation solutions, we offer comprehensive security services partnering with the best vendors in the business and a 24/7 proactive support through our Security Operations Center.

**Media and Entertainment Services:** Our 'Media Ecosystem' provides solutions for every kind of enterprise in all segments of media and entertainment, including gaming, sports, news, cable, and broadcasting. The Tata Communications' Media Ecosystem, combines its traditional video contribution services with IP-based connectivity to create a highly innovative cloud based global media platform. The global media ecosystem—first of its kind—provides a comprehensive solution that includes asset management, workflow management, channel origination, video contribution and distribution feeds, OTT platform as a service, Live OTT delivery and transcoding as service.

**Customer Services:** Customer services are a key differentiator in a crowded marketplace, and businesses are increasingly looking to outsource network and IT services to dedicated experts. Our best-in-class services support Tata Communications' entire product & service portfolio and we deliver value through a services portfolio that covers program management, service delivery, service management, advanced solutions delivery and other personalized support services. We are also championing the 'whatever it takes' philosophy within the Tata Communications services team to build a culture where we want to do the right things for the customer, where we're always flexible, always available, and always positive. More than an SLA, it's a state of mind –

constantly checking that we are doing everything within our power to help our customers.

**Voice Services:** In voice, we are the world's largest wholesale voice provider, carrying over a billion minutes a week. Through our 1600+ telecom partnerships our network handles 1 out of every 10 international calls and connects more than 70% of the world's mobile carriers. We also we offer a comprehensive portfolio of high-quality transport and termination services, including Voice Direct Transit and HD Voice.



## 2.2 Product Overview

Tata Communications' portfolio of products, services and solutions have been uniquely designed to deliver new levels of performance and connectivity. Major product offerings are:

- 1. International Private Line:** Tata Communications' International Private Line service offers greater diversity of route, uptime and multiple service options for all international and India data transport requirements, backed by the world's largest and most advanced cable system, owned and maintained by Tata Communications. It securely transfers voice, video and data on the access backed by reliable service, route diversity and industry-leading service level guarantees.  
IPL is a Point to point dedicated bandwidth between two sites provided by a licensed international telecom operator to end-user customers, which crosses over one or more international boundaries.
- 2. Ethernet Service:** Tata Communications delivers certified dedicated Ethernet services using its reliable & protected network across the globe with unmatched SLA to connect point to point or point to multipoint locations within India or outside India.  
It provides flexible bandwidth options with greater scalability option to cater to the dynamic business requirement for bandwidth.
- 3. Virtual Private Network:** Tata Communications' global VPN services provide MPLS based secure, cost-effective VPN solutions that enable seamless convergence of voice, data, video, and multimedia on a seamless global network reaching all major markets and maximum emerging markets.  
Global VPN range of services help enterprises improve operational efficiencies and quality of service for basic, real-time and mission critical applications.
- 4. International Leased Line:** A single worldwide service providing un-contended, mission critical Internet access to Tier 1 global IP network for the customers.  
With a IP Backbone of over 1600 Gbps which spans across six continents and peering of over 1400 Gbps with all major Service providers and Internet Exchanges across the globe, Tata communications is the only true global tier 1 ISP in India with 200+ Global point of presence.  
With one of the biggest submarine cable capacities, the widespread network reach connects 6 continents. This allows diverse redundancy and protection capabilities to all the customers with Industry level SLA.
- 5. Direct Internet Access (DIA):** Tata Communications' Direct Internet Access provides easy and affordable Internet connections across customer's offices over Tier-1 global IP backbone with a single AS6453 in over 50 countries. We also

provide Internet access to emerging markets with extensive reach in India, China, and Africa.

- 6. IP Transit:** Tata Communications' IP Transit provides high speed, secure and reliable Internet connection via our Tier-1 global IP backbone reaching more than 230 global PoPs in over 30 countries. Together with the largest Internet backbone in India, our customers grow with optimal routing performance.  
With over 230 Internet PoPs conveniently located in over 30 countries at carrier neutral Internet Exchanges (IX), we reduce access cost to the Internet. This is further enriched by our Indian Internet PoPs enabling reach to the explosive Internet growth in Asia, and over 3500Gbps peering connectivity with all other global Tier-1 ISPs.  
This rides on Tata Global Network (TGN), world's first wholly owned fibre optic subsea cable network ring round the globe that spans 210,000 kilometers of terrestrial and 500,000 kilometers of subsea network.
- 7. Content Delivery Network:** Tata Communications' content delivery network or content distribution network (CDNs) is a cloud based solution that caches/stores customers content at locations around the globe and serves it to end user with a lightning speed.  
CDN deployed over Tier -1 IP Network leveraging reach on to 200 countries and peering with leading ISP's across the globe to provide highest quality of user experience.  
CDN helps to deliver streaming, online video platform, Electronic software delivery & whole site acceleration using global platform.
- 8. Mobility**  
  
Voice – international voice wholesale, including support for LTE based voice services (Mobile VoIP, VoLTE and HD Voice).  
  
Signaling (SCCP & Diameter) – The signaling services help in international roaming, our signaling services can be delivered over a number of network options, including TDM, IP, Global VPN, and IPX Connect (SCCP over IPX). Also supported is signaling evolution from SCCP to Diameter, including Sigtran, ready for IMS based services and for LTE roaming capabilities.  
  
Mobile Messaging - our messaging network ensures delivery of quality application-to-person (A2P) messaging across the mobile ecosystem, including mobile network operators, SMS aggregators, enterprises and next generation service providers (OTT providers). Mobile Network Operators get protection from fraud, spam and grey routing, through working with Tata Communications as a single trusted source to help securely monetize A2P

message traffic termination and also through use of our comprehensive SMS Firewall.

**IPX+ -** a framework that lets MNOs support mobile applications with greater efficiency through a consolidated network, with optimal network utilization, simplified interconnect and managed service options. Voice, Signaling and Roaming services are integrated within the IPX+ framework, which includes support for LTE Roaming, VoLTE, HD voice, video and enablement solutions for real-time rich media applications.

**Roaming -** Combining our Diameter Signaling Exchange (DSX) platform together with IPX Connect service for 3G/4G data roaming, Tata Communications provides a comprehensive LTE roaming solution. We support 2G, 3G and 4G roaming within a single solution framework, which addresses signaling, steering, routing, inter-working, transport, clearing & settlement, business intelligence (Roampulse), security and service assurance for a successful LTE roaming launch.

9. **Unified Communications:** Tata Communications' Unified communications involves services for enterprise Voice, Video & Collaboration. Through UC portfolio Tata Communication provides; On premises & cloud based managed UC services. Unified Communications includes Video Conferencing, Jamvee (On Demand Video), Telepresence, Audio Conference, IP Telephony, Global SIP services, VOIP services, Toll Free no, Skype for Business, Contact Centre, Click2 RTC as Major services.
10. **SIP Trunking:** Tata Communications' systems are integrated with over 1600 carriers, 785 mobile providers and over 700 VoIP operators. Expansive reach is the best in the industry – via ITFS in 110+ countries, UIFN in 45+ countries and LNS (Local Number Services) in 62+ countries and 300+ cities. Global SIP Connect is a multimodal functionality which connects an enterprise to the world; over our state-of-the-art global IP network — making global voice and video communications and collaboration simpler, easier to manage, and more economical than ever before. Our new multimodal functionality is an industry first, enabling Global SIP Connect to transport enterprise video collaboration traffic on SIP trunks. It unifies voice and video services traffic on a single network access link.
11. **Managed Hosting:** Tata Communications' Managed hosting service is a fully managed IT Infrastructure solution integrated across Tata Communications Data Centers located globally. It includes designing Data Center Hardware, provisioning & managing the infrastructure with defined SLA for the Infrastructure till operating system.

This is an end to end service for the outsourcing of the Data center infrastructure by providing stringent Service level. It helps reduce the capex investment, technical obsolescence of the hardware & provides business continuity for the enterprise. The service is offered from the data centers which are connected over the secure MPLS network of Tata Communications & infrastructure is managed by the state of art SOC globally.

Hosting service comes in a form of dedicated, Virtualized, & Hybrid model.

12. **Global Hosted Contact Centre:** InstaCC Global, is a reliable and efficient cloud-based contact center solution that delivers a consistently excellent customer experience. It all comes in one easy-to-manage, cost-efficient package with a state-of-the-art physical transport infrastructure, a global MPLS network, and leading-edge voice, data center, and contact center applications. As a global leader in communications, we have everything that an enterprise needs, in place and ready to go on demand. We also give something no other provider can offer—a single, unified Service Level Agreement (SLA) for all voice, network, infrastructure, and application services. It's a complete, end-to-end, fully managed solution.
13. **Managed Security Service:** Tata Communications is offering Managed Security Services (MSS) to meet the operational security needs of customers across the globe. The services are managed by a team at the state of art Security Services Operations Center (SSOC) in Chennai, India. Tata Communications offers complete portfolio of security services with premise based & cloud based solutions offering which includes Firewall/UTM, WAF, Data Leak Protection(DLP), Proxy, DDoS, Two Factor Authentication, IDS-IPS, Vulnerability-Penetration testing & professional services.
14. **IZO™ Platform**

IZO™ Platform is a flexible, one-stop cloud enablement platform designed to help you navigate complexity for more agile business performance and allows rapid expansion, flexibility and high security for the enterprises. The IZO™ network platform combines the public internet uniquely engineered for predictable routing, with enterprise private and public cloud connectivity and interconnected data centres to deliver a total cloud solution.

The IZO™ platform offers an array of innovative service offerings for Cloud enablement, including IZO™ Private Connect, IZO™ Public Connect, IZO™ Internet WAN, IZO™ Hybrid WAN and IZO™ SDWAN.



**IZO™ Private/Public Connect** - IZO™ Private Connect links businesses to leading cloud service providers such as Alibaba Cloud, Amazon Web Services, Google Cloud Platform, Microsoft Azure, Office 365, Oracle Cloud, Salesforce.com and Tata Communications IZO™ Private Cloud. IZO™ Private Connect also provides access to over 110 Data Centres globally. Customers can connect using MPLS or Ethernet via one single provider globally, to ensure network performance.

**IZO™ Internet WAN and Hybrid WAN** - A global Internet-based WAN service that gives businesses the security, flexibility, end-to-end SLA and predictability just like a private network, but with the global reach of the Internet. The enterprises can also deploy IZO™ Hybrid WAN which integrates IZO™ Internet WAN with Tata Communications' Global VPN service to build a global hybrid network with guaranteed performance levels over 130 countries globally.

**IZO™ SDWAN** - brings you access to a cloud infrastructure spanning 130 countries. This means you can benefit from instant deployment and seamless management of your branches and cloud assets anywhere in the world. IZO™ SDWAN integrates seamlessly with IZO™ Hybrid WAN, IZO™ Private Connect and cloud solutions, to deliver a unique and scalable communication platform your user and application needs.

**IZO Private Cloud:** IPC is an enterprise private cloud platform which offers a flexible, scalable and reliable cloud environment. It provides a flexible platform that allows end-users to create the appropriate combination of compute, network, security, storage, and traffic management services that meet business needs, & have the flexibility to grow with business. The IPC service is delivered on a dedicated or a logically separated infrastructure within Tata Communications' data centers.

**IZO Cloud Storage:** It is an integrated solution for diverse data requirements, ranging from long term archival to high performance storage. Integrated with the global tier-1 network and security services, IZO™ Cloud Storage offers an always available, highly durable and fully secure environment, delivered from across multiple global locations.

15. **Video Connect:** Tata Communications' Video Connect service ensures premium quality video delivery. We leverage the constant bandwidth availability and the video transmission is done at reliable bit rates on protected fibre paths to optimize end users' viewing experience.
16. **Mobile Innovation:** Our new generation mobility services are designed to provide solutions to help enterprise customers and mobile communications

services providers succeed in this complex market environment:

MNOs and MVNOs - solutions to help increase revenue and secure customer loyalty, including MVNE services to help globalize an MVNO offering, together with sponsored data exchange, mobile messaging exchange, Wi-Fi connectivity and our API suite (Payments, Authentication, WebRTC).

Next generation service providers - we enable connectivity between the on-net OTT world and the off-net Telco world with Local Number Services and mobile messaging services to extend service reach. We support MVNE services, providing access to our Mobile Network as a Service (MNaaS) platform.

Enterprises - mobile customer engagement solutions, to improve customer experience, loyalty and adoption of mobile devices – Sponsored Data Exchange, Mobile Data Rewards, Mobile Messaging Exchange and MVNE services, providing access to our Mobile Network as a Service (MNaaS) platform as well as access for global IOT service connectivity.

WiFi+ - is a new WiFi Cloud Communication solution, which enables mobile network operators' customers to access the internet for browsing; messaging; calling and other data applications while roaming. The user gets seamless and unlimited access to more than 44 million hot-spots globally at a predictable price preventing roaming bill-shock. It helps the Operators to monetize their silent roamers and keep them on board.

MOVE (Mobile Virtual Enabler) – is a platform based service, that provides virtual global mobile connectivity for MVNOs (MNO extensions, enterprise MVNO etc.) and is also used to provide global connectivity for IOT services.

- MVNE – a complete MVNE stack incorporating signaling, SIM provisioning, BSS/OSS and customer support for MVNOs of any type (MNO brand extensions, Enterprise, M2M, Roaming etc.)
- IOT – Providing global connectivity for M2M / IOT services that need to take an international approach to service deployment (Automotive, Transportation, Logistics, Travel, Hospitality etc.).
- India IOT – IOT in India is offered on dedicated wireless network based on LORA technology. We provide end to end customer service and the major products are for the following categories: Asset tracking, Smart Street lights, Employee Health and safety, Smart Button / feedback solutions, Human safety solution and Automated metering solutions (GAS / WATER/ POWER).

## Section 3

### MANAGEMENT DISCUSSION AND ANALYSIS

#### 3.1 Results of Operations

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##### Key Highlights - For the quarter and year ended March 31, 2019

##### • Consolidated –

- **Full year** revenue at INR 16,525 crore; witnessing a decline of 1.5% YoY, primarily due to degrowth in Voice business (-27.1% YoY). Strong performance in data business (+10.4% YoY) has helped mitigate this decline to a large extent.
- Full year EBITDA at INR 2,745 crore, an increase of 13.8% YoY driven by shift in favour of data business and Growth services turning profitable; margins came in at 16.6%, an increase of 220 bps over last year.
- Full year PAT loss at INR 82.4 crore as compared to INR 329 crore loss in FY18.
- **Q4** revenue grew by 5.0% YoY and declined by 0.6% QoQ. Adjusted for one-time AFA gain in Q3, revenue grew by 1.2% QoQ.
- Q4 EBITDA grew by 16.7% YoY and declined by 18.7% QoQ. Adjusted for one-time AFA gain in Q3 EBITDA grew by 8.3% QoQ.
- Q4 we had a PAT loss of INR 198.8 crore, this was largely due to equity loss pick up in Singapore data center business of INR 173 crore.
- **CAPEX** for FY19 was at USD 267 Mn as compared to USD 235 Mn in FY18, due to additional investment towards India backbone expansion.
- **Net Debt** for the quarter ended was at USD 1,232 Mn a reduction of USD 55 Mn as compared to Q3 FY19 due to stronger working capital management.
- Average cost of borrowing for Q4 was 3.86%, an increase of 10 BPS over Q3. This is due to the Average LIBOR movement from 2.35% in Q3 to 2.50% in Q4.

##### • Data –

- **Data business** witnessed strong growth despite industry headwinds; Full year revenue came in at INR 12,655 crore and grew by 10.4% YoY. This growth was led by strong growth in Growth Services which grew by 15.1% YoY and revenue uptick in Innovation Services clocking revenue of USD 9.4 Mn in FY19.
  - Data Services now contribute to 76.6% of the overall revenues; up from 68.3% in FY18.
  - Data EBITDA for the year was INR 2,409 crore; translating to 16.6% growth YoY primarily due to Growth Services turning EBITDA positive.
  - **Traditional Services** revenue for the year stood at USD 1,174.1 Mn and witnessed a decline of 2.2% YoY. On a constant currency basis, this portfolio witnessed a growth of 2.0% on full year basis despite operator consolidation impact. EBITDA for the year came in at USD 386 Mn witnessing a growth of 6.7% YoY with a margin of 32.9%. translating into an expansion of 280 BPS over last year.
  - **Growth services** portfolio witnessed strong momentum; in FY19 revenue reached USD 398 Mn, a growth of 15.1% YoY in dollar terms. In Q4, we received a one-time revenue of USD 3.5 Mn on account of early termination penalty on a Hosted Contact Center deal.
  - With scale, we have been able to achieve profitability in this business; EBITDA loss for year has come down significantly from USD 39.9 Mn in FY18 to USD 7.4 Mn in FY19.
  - On full year basis, IZO services grew by 111.2%, Media services grew by 392.6% and Mobility grew by 59.8% YoY.
  - **Transformation Services** revenue came in at INR 1,254.5 crores on full year basis witnessing a growth of 11.3% YoY, due to execution of deals in pipeline.
  - EBITDA for FY19 stood at INR 105 crores witnessing a decline of 34.4% YoY. EBITDA was down due to customer exit, timing mismatch between loss of revenue and cost realignment and shift in revenue in favour of domestic business.
  - As part of our long-term strategy, in the later part of the year, we took up a few deals at a lower margin to showcase our capabilities.
  - **Payment solutions** – As part of our strategy, we continue to rationalise our ATM portfolio and focus on profitability. In FY19 we closed 3,395 ATMs. This has led to increase in profitability and we recorded an EBITDA of INR 5.2 crore against loss of INR 19.8 Crore in FY18. Average transaction per day per ATM has gone up from 70 in FY18 to 90 in FY19. EBITDA was down this quarter, as we witnessed lower average transactions per day from 92 in Q3 to 88 in Q4.
-

**Section 4****FINANCIAL HIGHLIGHTS**

The financial results presented in this section are compiled based on the limited review consolidated financial statements prepared in accordance with Indian Accounting Standards (IND AS) and the underlying information. The consolidated financial results represent results of the Company and its subsidiaries.

**4.1 Summary of Consolidated Financial Statements****4.1.1 Summarized Consolidated Statement of Operations\***

Amount in ₹, Mn; except ratios

Particulars	Quarter Ended					Full Year Ended		
	Mar 2019	Dec 2018	Mar 2018	QoQ Growth	YoY Growth	Mar 2019	Mar 2018	YoY Growth
Gross Revenue	42,435	42,695	40,401	(0.6%)	5.0%	165,249	167,717	(1.5%)
Net Revenue	24,288	23,631	21,337	2.8%	13.8%	91,101	85,352	6.7%
EBITDA <sup>1</sup>	6,853	8,426	5,870	(18.7%)	16.7%	27,449	24,122	13.8%
EBITDA Margin	16.1%	19.7%	14.5%			16.6%	14.4%	
Depreciation & Amortisation	5,587	5,235	5,051	6.7%	10.6%	20,676	19,063	8.5%
EBIT	1,266	3,191	818	(60.3%)	54.7%	6,773	5,059	33.9%
Other Income	379	237	2,114	59.6%	(82.1%)	810	3,170	(74.5%)
Finance Cost	1,039	1,040	910	(0.1%)	14.1%	3,966	3,444	15.1%
Profit Before Tax	629	2343	301	(73.2%)	108.7%	3432	456	
Tax Expense	1007	667	1451	50.9%	(30.6%)	2,733	3,549	(23.0%)
Profit After Tax	(1988)	1733	(1210)			(824)	(3286)	
Capex	4,232	4,997	3,327	(15.3%)	27.2%	18,644	15,147	23.1%
Free Cash Flow	2,621	3,429	2,543	(23.6%)	3.1%	8,805	8,975	(1.9%)

1. Revenue, EBITDA, EBIT are excluding other income.

\* Dec 2018 numbers include one-time AFA benefit

**4.1.2 Summarized Statement of Consolidated Financial Position**

Amount in ₹, Cr

Particulars	As at March 31, 2019	As at March 31, 2018
<b>Shareholder's Fund</b>		
Share Capital	285	285
Reserves and Surplus	(467)	214
Minority Interest Liability	6	4
Non-Current Liabilities	10,736	9,862
Current Liabilities	9,453	9,237
<b>Total Liabilities</b>	20,195	19,103
<b>Total Equity and Liabilities</b>	20,013	19,603
<b>Assets</b>		
Non-Current Assets	14,706	14,611
Fixed Assets	11,564	11,317
Investments	895	1,064
Others	2,246	2,230
Current Assets	5,307	4,992
<b>Total Assets</b>	20,013	19,603

## 4.2 Summarized Statement of Segments - Statement of Operations

### 4.2.1 Tata Communications – Data\*

Amount in ₹, Mn; except ratios

Particulars	Quarter Ended					Full Year Ended		
	Mar 2019	Dec 2018	Mar 2018	QoQ Growth	YoY Growth	Mar 2019	Mar 2018	YoY Growth
Gross Revenue	33,427	33,259	29,269	0.5%	14.2%	126,546	114,603	10.4%
Net Revenue	22,645	22,150	19,743	2.2%	14.7%	84,915	78,336	8.4%
EBITDA	5,887	7,667	5,123	(23.2%)	14.9%	24,090	20,657	16.6%
EBITDA Margin	17.6%	23.1%	17.5%			19.0%	18.0%	
EBIT	399	2524	203	(84.2%)	96.5%	3,790	2,076	82.5%
Capex <sup>1</sup>	3,514	4,380	2,527	(19.8%)	39.0%	15,890	11,841	34.2%
Free Cash Flow	2,373	3,286	2,595	(27.8%)	(8.6%)	8,200	8,816	(7.0%)

\* Dec 2018 numbers include one-time AFA benefit

### 4.2.2 Tata Communications – Data (Traditional Services) \*

Amount in \$ Mn; except ratios

Particulars	Quarter Ended					Full Year Ended		
	Mar 2019	Dec 2018	Mar 2018	QoQ Growth	YoY Growth	Mar 2019	Mar 2018	YoY Growth
Gross Revenue	296.2	299.5	296.6	(1.1%)	(0.1%)	1,174.1	1,200.8	(2.2%)
Net Revenue	247.1	244.9	242.4	0.9%	2.0%	955.9	977.0	(2.2%)
EBITDA	92.6	119.2	91.9	(22.3%)	0.8%	386.1	361.9	6.7%
EBITDA Margin	31.3%	39.8%	31.0%			32.9%	30.1%	

\* Dec 2018 numbers include one-time AFA benefit; YoY growth numbers have been affected by Fx impact

### 4.2.3 Tata Communications – Data (Growth Services) \*

Amount in \$ Mn; except ratios

Particulars	Quarter Ended					Full Year Ended		
	Mar 2019	Dec 2018	Mar 2018	QoQ Growth	YoY Growth	Mar 2019	Mar 2018	YoY Growth
Gross Revenue	110.8	101.4	97.0	9.2%	14.2%	398.0	345.9	15.1%
Net Revenue	55.0	45.4	41.9	21.3%	31.4%	189.0	161.8	16.8%
EBITDA	6.0	(4.5)	(13.0)			(7.4)	(39.9)	
EBITDA Margin	5.4%	(4.5%)	(13.4%)			(1.9%)	(11.5%)	

\* YoY growth numbers have been affected by Fx impact

### 4.2.4 Tata Communications – Data (Innovation Services) \*

Amount in \$ Mn; except ratios

Particulars	Quarter Ended					Full Year Ended		
	Mar 2019	Dec 2018	Mar 2018	QoQ Growth	YoY Growth	Mar 2019	Mar 2018	YoY Growth
Gross Revenue	6.1	2.4	0.2	156.9%	2918.6%	9.4	0.4	2105.0%
Net Revenue	1.4	(0.7)	(0.2)		n/a	(1.0)	(0.9)	n/a
EBITDA	(20.9)	(16.3)	(10.5)		n/a	(62.7)	(34.1)	n/a
EBITDA Margin	n/a	n/a	n/a			n/a	n/a	

\* Includes Transformation expense of USD 6.5 Mn



#### 4.2.5 Tata Communications – Data (Rentals)

Amount in ₹, Mn; except ratios

Particulars	Quarter Ended					Full Year Ended		
	Mar 2019	Dec 2018	Mar 2018	QoQ Growth	YoY Growth	Mar 2019	Mar 2018	YoY Growth
Gross Revenue	335.9	345.3	315.2	(2.7%)	6.5%	1,307.0	1,208.5	8.2%
Net Revenue	335.9	345.3	315.2	(2.7%)	6.5%	1,307.0	1,208.5	8.2%
EBITDA	116.6	156.1	130.2	(25.3%)	(10.5%)	527.0	468.8	12.4%
EBITDA Margin	34.7%	45.2%	41.3%			40.3%	38.8%	

#### 4.2.6 Tata Communications – Data (Transformation Services - Standalone)

Amount in ₹, Mn; except ratios

Particulars	Quarter Ended					Full Year Ended		
	Mar 2019	Dec 2018	Mar 2018	QoQ Growth	YoY Growth	Mar 2019	Mar 2018	YoY Growth
Gross Revenue	3,550	3,375	2,962	5.2%	19.9%	12,545	11,276	11.3%
Net Revenue	643	671	869	(4.2%)	(26.0%)	2,678	3,054	(12.3%)
EBITDA	104	351	486	(70.3%)	(78.6%)	1,050	1,601	(34.4%)
EBITDA Margin	2.9%	10.4%	16.4%			8.4%	14.2%	

#### 4.2.7 Tata Communications – Data (Payment Solutions - Standalone)

Amount in ₹, Mn; except ratios

Particulars	Quarter Ended					Full Year Ended		
	Mar 2019	Dec 2018	Mar 2018	QoQ Growth	YoY Growth	Mar 2019	Mar 2018	YoY Growth
Gross Revenue	844	895	1,001	(5.6%)	(15.7%)	3,571	3,829	(6.7%)
Net Revenue	208	231	213	(10.0%)	(2.3%)	776	605	28.2%
EBITDA	21	64	13	(66.9%)		52	(198)	
EBITDA Margin	2.5%	7.2%	1.3%			1.5%	(5.2%)	

#### 4.2.8 Tata Communications – Voice

Amount in ₹, Mn; except ratios

Particulars	Quarter Ended					Full Year Ended		
	Mar 2019	Dec 2018	Mar 2018	QoQ Growth	YoY Growth	Mar 2019	Mar 2018	YoY Growth
Gross Revenue	9,008	9,436	11,132	(4.5%)	(19.1%)	38,703	53,113	(27.1%)
Net Revenue	1,643	1,480	1,594	11.0%	3.1%	6,186	7,016	(11.8%)
EBITDA	966	759	747	27.2%	29.3%	3,359	3,465	(3.1%)
EBITDA Margin	10.7%	8.0%	6.7%			8.7%	6.5%	
EBIT	867	667	615	30.1%	40.9%	2,983	2,983	(0.0%)
Capex	1	9	26	(85.2%)	(94.8%)	49	85	(42.7%)
Free Cash Flow	964	750	721	28.6%	33.7%	3,310	3,380	(2.1%)

#### 4.2.9 Tata Communications – Average Exchange Rate

Particulars	Quarter Ended			Full Year Ended	
	Mar 2019	Dec 2018	Mar 2018	Mar 2019	Mar 2018
INR / USD	70.5	72.1	64.3	69.9	64.5

## Section 5

### OPERATING HIGHLIGHTS

#### 5.1 Tata Communications - Consolidated

##### 5.1.1 Gross Revenue by Segments

Particulars	UNITS	Quarter Ended				
		Mar 2018	June 2018	Sep 2018	Dec 2018	Mar 2019
Voice	%	27.6%	26.0%	24.6%	22.1%	21.2%
Data	%	72.4%	74.0%	75.4%	77.9%	78.8%
Traditional Services	%	65.2%	66.8%	65.6%	64.8%	62.4%
Growth & Innovation Services	%	21.4%	20.5%	22.3%	22.5%	24.6%
Rentals	%	1.1%	1.1%	1.0%	1.0%	1.0%
Subsidiaries	%	12.3%	11.6%	11.1%	11.7%	12.0%

##### 5.1.2 Gross Revenue by Currency

Particulars	UNITS	Quarter Ended				
		Mar 2018	June 2018	Sep 2018	Dec 2018	Mar 2019
Indian Rupee (INR)	%	33.0%	35.0%	34.0%	37.0%	35.0%
Other International Currencies	%	67.0%	65.0%	66.0%	63.0%	65.0%

##### 5.1.3 EBITDA by Segments

Particulars	UNITS	Quarter Ended				
		Mar 2018	June 2018	Sep 2018	Dec 2018	Mar 2019
Voice	%	12.7%	12.0%	14.7%	9.0%	14.1%
Data	%	87.3%	88.0%	85.3%	91.0%	85.9%
Traditional Services	%	115.4%	118.0%	108.4%	111.1%	111.0%
Growth & Innovation Services	%	(29.5%)	(27.1%)	(17.3%)	(19.4%)	(17.9%)
Rentals	%	2.5%	2.6%	2.2%	2.0%	2.0%
Subsidiaries	%	11.5%	6.5%	6.6%	6.3%	4.9%

##### 5.1.4 Capital Expenditure

Particulars	UNITS	Quarter Ended				
		Mar 2018	June 2018	Sep 2018	Dec 2018	Mar 2019
<b>Voice</b>	USD, Mn	0.4	0.4	0.2	0.1	0.0
<b>Data</b>						
Sustenance	USD, Mn	22.0	47.5	40.7	42.8	31.0
Growth	USD, Mn	17.3	14.8	13.6	18.1	18.8
<b>Other<sup>1</sup></b>	USD, Mn	12.0	9.6	10.6	8.4	10.2
<b>Total Capex</b>	USD, Mn	51.7	72.3	65.1	69.3	60.0

1. Others include sustenance capex towards network engineering, IT, customer service operations etc.

## 5.1.5 Debt Profile

Particulars	UNITS	Quarter Ended				
		Mar 2018	June 2018	Sep 2018	Dec 2018	Mar 2019
Gross Debt						
Foreign Currency Loans	USD, Mn	1,284	1,346	1,331	1,383	1,354
INR Loans	USD, Mn	94	75	80	67	87
Weighted Average Cost of Debt	%	3.87%	3.59%	3.67%	3.76%	3.86%
Cash & Cash Equivalent	USD, Mn	227	153	160	163	209
<b>Net Debt</b>	USD, Mn	<b>1,151</b>	<b>1,268</b>	<b>1,251</b>	<b>1,287</b>	<b>1,232</b>

## 5.2 Tata Communications – Data Services

## 5.2.1 Data Traffic carried

Particulars	UNITS	Quarter Ended				
		Mar 2018	June 2018	Sep 2018	Dec 2018	Mar 2019
95 <sup>th</sup> Percentile Bandwidth Usage	Tbps/month	9.73	9.74	11.00	11.7	11.43

## 5.2.2 Data Revenue by Geography

Particulars	UNITS	Quarter Ended				
		Mar 2018	June 2018	Sep 2018	Dec 2018	Mar 2019
India	%	54.0%	51.0%	51.0%	52.0%	53.0%
Rest of World	%	46.0%	49.0%	49.0%	48.0%	47.0%

## 5.2.3 Data Revenue by Segment

Particulars	UNITS	Quarter Ended				
		Mar 2018	June 2018	Sep 2018	Dec 2018	Mar 2019
Service Provider / Carrier	%	42.0%	41.0%	41.0%	42.0%	40.0%
Enterprise	%	58.0%	59.0%	59.0%	58.0%	60.0%

## 5.2.4 Data Revenue by Product Segments

Particulars	UNITS	Quarter Ended				
		Mar 2018	June 2018	Sep 2018	Dec 2018	Mar 2019
Traditional Services <sup>1</sup>	%	65.2%	66.8%	65.6%	64.8%	62.4%
Growth Services <sup>2</sup>	%	21.4%	20.5%	22.3%	22.5%	24.6%
Rentals	%	1.1%	1.1%	1.0%	1.0%	1.0%
Subsidiaries <sup>3</sup>	%	12.3%	11.6%	11.1%	11.7%	12.0%

1. Traditional services include Virtual Private Network, International Private Line, Internet Leased Line, Ethernet, Internet Protocol –Transit, Inmarsat, Content Delivery Network, National Private Line, Mobility.

2. Growth services include IZO, Managed Hosting, Managed Security Services, Broadcast, Video Connect, UCC/SIP- Trunking, Global Hosted Contact Center, Video Streaming, Mobile New Services, Healthcare, Media Management.

3. Subsidiaries include Tata Communications Payment Solutions Ltd (TCPSTL) and Tata Communications Transformation Services Limited (TCTSL)

## 5.2.5 Data Revenue mix by Product (Traditional Services)

Particulars	UNITS	Quarter Ended				
		Mar 2018	June 2018	Sep 2018	Dec 2018	Mar 2019
VPN	%	26.2%	26.8%	26.0%	24.9%	25.7%
IPL	%	20.3%	20.6%	21.7%	25.9%	22.1%
ILL	%	16.1%	15.8%	15.7%	15.2%	16.1%
Ethernet	%	15.0%	14.6%	14.6%	14.0%	14.5%
IP-T	%	10.7%	10.7%	11.2%	10.2%	10.2%
Others	%	11.6%	11.6%	10.9%	9.7%	11.4%

## 5.2.6 YoY Revenue growth by Product (Traditional Services)

Particulars	UNITS	Quarter Ended				
		Mar 2018	June 2018	Sep 2018	Dec 2018	Mar 2019
VPN	%	6.9%	(0.1%)	(3.6%)	(5.3%)	(2.3%)
IPL	%	(4.8%)	(13.2%)	(0.3%)	20.0%	8.4%
ILL	%	12.2%	3.0%	0.3%	(2.4%)	0.2%
Ethernet	%	9.4%	(2.8%)	(3.5%)	(5.7%)	(3.2%)
IP-T	%	(6.6%)	(2.3%)	0.3%	(3.7%)	(4.7%)
Others	%	(13.7%)	(11.1%)	(15.0%)	(18.1%)	(2.4%)

## 5.2.7 Data Revenue mix by Product (Growth Services)

Particulars	UNITS	Quarter Ended				
		Mar 2018	June 2018	Sep 2018	Dec 2018	Mar 2019
UCC / SIP-T	%	37.4%	38.9%	35.0%	30.9%	30.8%
Hosting	%	12.5%	8.9%	9.4%	10.8%	10.3%
GHCC	%	4.0%	2.9%	4.2%	2.2%	6.6%
V Connect	%	6.5%	10.9%	9.4%	10.6%	9.2%
VS & IPT	%	9.3%	10.6%	9.6%	9.5%	8.4%
Others	%	30.4%	27.9%	32.4%	35.9%	34.8%

## 5.2.8 YoY Revenue growth by Product (Growth Services)

Particulars	UNITS	Quarter Ended				
		Mar 2018	June 2018	Sep 2018	Dec 2018	Mar 2019
UCC / SIP-T	%	5.9%	4.7%	(4.6%)	(7.3%)	(5.9%)
Hosting	%	25.5%	(1.5%)	(26.5%)	1.5%	(5.8%)
GHCC	%	46.9%	(8.1%)	47.0%	(42.1%)	88.4%
V Connect	%	70.6%	58.9%	47.6%	35.0%	61.0%
VS & IPT	%	44.4%	8.6%	0.9%	(0.9%)	3.5%
Others	%	107.4%	65.1%	60.3%	56.2%	30.5%



## 5.2.9 Operating Metrics

Particulars	UNITS	Quarter Ended				
		Mar 2018	June 2018	Sep 2018	Dec 2018	Mar 2019
<b>Consolidated</b>						
Total Active Customers	No.	5,518	5,557	5,625	5,645	5,730
<b>Innovation Services</b>						
<b>IoT India</b>						
PoCs Completed	No.	37	53	66	72	79
Customers	No.	13	15	19	20	24
Devices Ordered (Cum.)	No.	16,623	56,073	61,873	96,202	101,509
Base Stations (Cum.)	No.	4,848	5,022	5,084	5,131	3,900
Cities Covered	No.	38	38	38	38	45
<b>MOVE</b>						
Customers	No.	64	80	108	129	148
SIMs Ordered (Cum.)	No.	51,127	71,696	118,201	155,957	638900*
<b>Security &amp; Hosting</b>						
Instances Managed	No.	3,354	3,447	3,494	3,595	3,698
Devices Managed (Netw ok + Secur	No.	3,738	4,011	4,195	4,201	4,340
Block / Object Storage (Provisioned)	TB	8,382	8,314	8,459	8,888	21,555
<b>NetFoundry</b>						
PoCs Completed	No.	27	37	39	45	52
Customers	No.	12	16	18	21	32
Partners	No.	13	16	22	28	33

\* 360,000 SIMs are from Teleena acquisition

## 5.3 Tata Communications – Payment Solutions

Particulars	UNITS	Quarter Ended				
		Mar 2018	June 2018	Sep 2018	Dec 2018	Mar 2019
Third Party / Managed ATMs	No.	7732	6915	6417	5003	4562
White Label ATMs	No.	8435	8264	8168	8059	8210
Total ATMs Managed	No.	16167	15179	14585	13062	12772
Total POS Managed	No.	14950	14312	13791	12790	9183

## 5.4 Tata Communications – Voice

Particulars	UNITS	Quarter Ended				
		Mar 2018	June 2018	Sep 2018	Dec 2018	Mar 2019
International Long Distance	Bn, Minutes	7.7	7.9	6.9	6.4	6.3
National Long Distance	Bn, Minutes	1.2	0.8	0.8	0.6	0.4
Total Volume	Bn, Minutes	8.9	8.7	7.7	7.0	6.6

## 5.5 Human Resource Analysis

5.5.1 Tata Communications – Consolidated<sup>1</sup>

Particulars	UNITS	Quarter Ended				
		Mar 2018	June 2018	Sep 2018	Dec 2018	Mar 2019
Tata Communications	No.	6022	6168	6402	6554	6600
TCTSL	No.	4323	3903	4060	4056	3991
Total Employees	No.	10345	10071	10462	10610	10591

1. Exit Headcount as on date

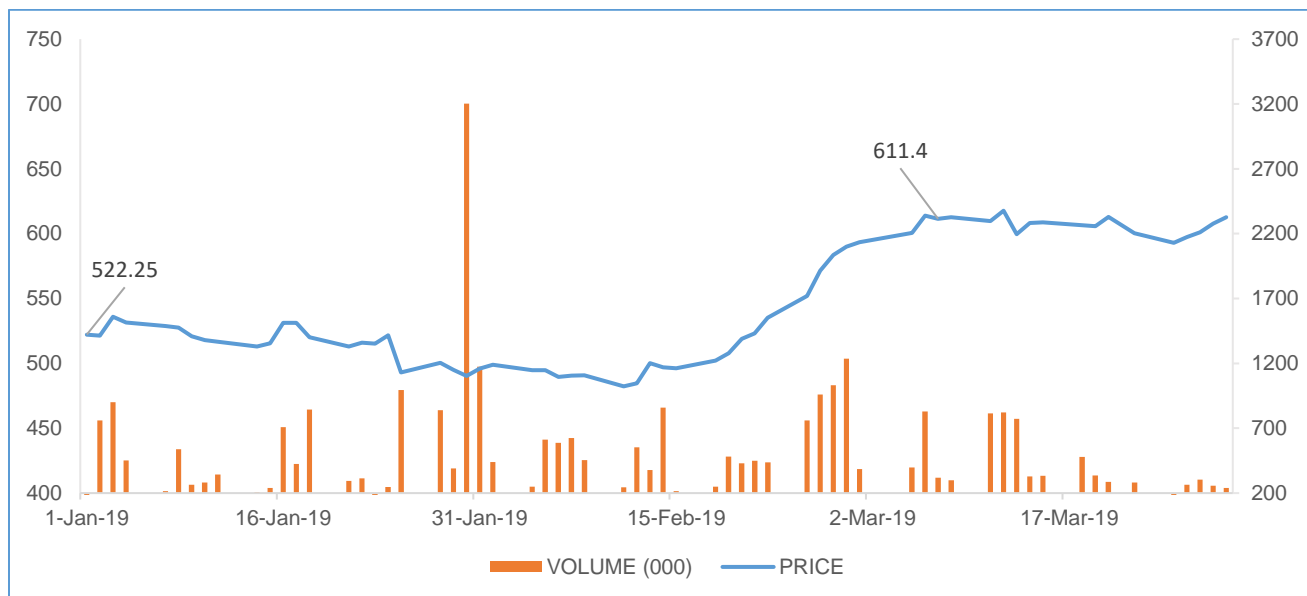
**Section 6****STOCK MARKET HIGHLIGHTS****6.1 General Information**

Shareholding and Financial Data	UNITS	Quarter Ended Mar 31, 2019
Code / Exchange		TATA COMM / NSE
Bloomberg		TCOM IN
No. of Shares Outstanding (31/03/2019)	Mn, No	285
Closing Market Price - NSE (31/03/2019)	₹ / Share	612.75
Combined Average Daily Volume (NSE and BSE)	Nos in 000/day	562
Combined Average Daily Value (NSE and BSE)	₹ Mn/day	305.39
Market Capitalisation (31/03/2019)	₹, Bn	174.63
Enterprise Value	₹, Bn	259.90
Enterprise Value / EBITDA (LTM)	Times	9.47

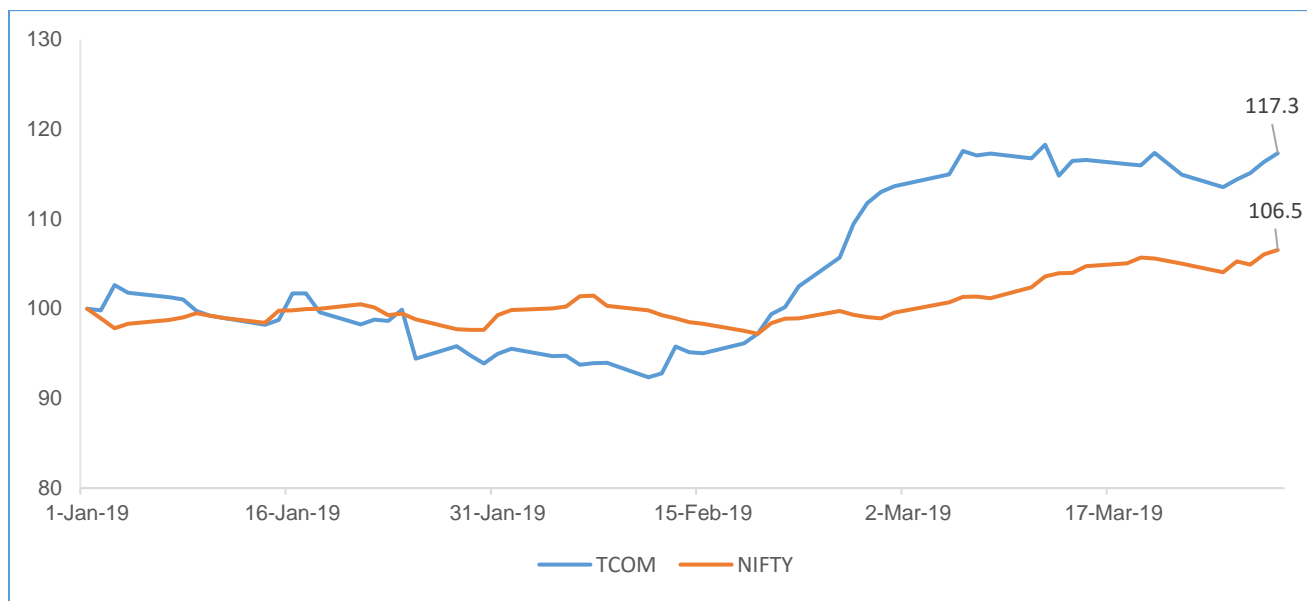
**6.2 Summarized Shareholding pattern as of March 31, 2019**

Category	% Holding
<b>Promoter &amp; Promoter Group</b>	
Tata Group	48.9%
Government of India	26.1%
<b>Sub-Total</b>	<b>75.0%</b>
<b>Public Shareholding</b>	
Domestic Institutions	2.2%
Foreign Institutions	18.6%
Non-Institutions (Retail)	4.2%
<b>Sub-Total</b>	<b>25.0%</b>
<b>Total</b>	<b>100%</b>

### 6.3 Tata Communications daily stock price (NSE) and volume (BSE & NSE Combined) movement



### 6.4 Comparison of Tata Communications with Nifty



Nifty and Tata Communications Stock price rebased to 100.

**Section 7****DETAILED FINANCIAL AND RELATED INFORMATION**

The financial results presented in this section are compiled based on the limited review consolidated financial statements prepared in accordance with Indian Accounting Standards (IND AS) and the underlying information. The consolidated financial results represent results of the Company and its subsidiaries.

**7.1 Extracts from Audited Consolidated Financial Statements prepared in accordance with Indian Accounting Standards (IND AS)**
**7.1.1 Consolidated Statement of Income**

(₹ in Lakhs)

STATEMENT OF CONSOLIDATED FINANCIAL RESULTS FOR THE QUARTER AND YEAR ENDED MARCH 31, 2019					
Particulars	For the quarter ended			For the year ended	
	March 31 2019	December 31 2018	March 31 2018	March 31 2019	March 31 2018
		(Unaudited)		(Audited)	(Audited)
<b>1 Income from operations</b>	424351	426947	404010	1652495	1677169
2 Other income, net	3947	1918	20144	6026	25966
<b>3 Total income (1 + 2)</b>	<b>428298</b>	<b>428865</b>	<b>424154</b>	<b>1658521</b>	<b>1703135</b>
<b>4 Expenses</b>					
a. Network and transmission expense	168434	186735	182492	716204	790324
b. Employee benefits expense	76878	75711	75470	295966	297752
c. Finance costs	10385	10400	9104	39655	34445
d. Depreciation and amortisation expense	55866	52348	50515	206760	190630
e. Other expenses	110513	80245	87350	365840	347871
<b>Total expenses (4a to 4e)</b>	<b>422076</b>	<b>405439</b>	<b>404931</b>	<b>1624425</b>	<b>1661022</b>
5 Profit before exceptional items, tax & share of profit/(loss) of associates (3 - 4)	6222	23426	19223	34096	42113
6 Exceptional items (Refer note 5)	67	-	(16211)	224	(37552)
<b>7 Profit/(loss) from operations before tax and share of profit/(loss) of associates (5 + 6)</b>	<b>6289</b>	<b>23426</b>	<b>3012</b>	<b>34320</b>	<b>4561</b>
8 Tax expense/ (benefit):					
a. Current tax	10426	9636	15237	33267	40916
b. Deferred tax	(358)	(2963)	(731)	(5935)	(5424)
<b>9 Profit/(loss) before share of profit/(loss) of associates (7 - 8)</b>	<b>(3779)</b>	<b>16753</b>	<b>(11494)</b>	<b>6988</b>	<b>(30931)</b>
10 Share in Profit/(Loss) of associates	(16066)	629	(553)	(15031)	(1630)
<b>11 Profit/ (loss) for the period (9 + 10)</b>	<b>(19845)</b>	<b>17382</b>	<b>(12047)</b>	<b>(8043)</b>	<b>(32561)</b>
<b>Attributable to:</b>					
Equity holders of the parent	(19882)	17329	(12097)	(8237)	(32860)
Non-controlling interest	37	53	50	194	299
<b>12 Other Comprehensive Income/(loss) (net of tax)</b>	<b>(1760)</b>	<b>20940</b>	<b>(13887)</b>	<b>(44536)</b>	<b>(56286)</b>
<b>13 Total Comprehensive Income/(loss) (11 + 12)</b>	<b>(21605)</b>	<b>38322</b>	<b>(25934)</b>	<b>(52579)</b>	<b>(88847)</b>
<b>Attributable to:</b>					
Equity holders of the parent	(21642)	38269	(25984)	(52773)	(89146)
Non-controlling interest	37	53	50	194	299
14 Paid up equity share capital (Face value of ₹ 10 per share)	28500	28500	28500	28500	28500
15 Reserves excluding Revaluation reserve				(67284)	826
16 Earnings per share (of ₹ 10/- each) (not annualised)					
Basic and diluted earnings per share (₹)	(6.98)	6.08	(4.24)	(2.89)	(11.53)



## 7.2 Use of Non-GAAP Financial Information

In presenting and discussing the Company's reported financial position, operating results and cash flows, certain information is derived from amounts calculated in accordance with IND AS, but this information is not in itself an expressly permitted GAAP measure. Such non - GAAP measures should not be viewed in isolation as alternatives to the equivalent GAAP measures.

A summary of non - GAAP measures included in this report are shown below.

### 7.2.1 Reconciliation of Non- GAAP financial information based on IND AS

#### a) Derivation of Operating Free Cash Flow from EBITDA

Amount in ₹, Mn

Particulars	Quarter Ended	Quarter Ended
	Mar 2019	Mar 2018
<b>EBITDA</b>	6,853	5,870
Less: Capex	4,232	3,327
<b>Free Cash Flow</b>	2,621	2,543

#### b) Derivation of Cash Profit from Operations from Profit before tax

Amount in ₹, Mn

Particulars	Quarter Ended	Quarter Ended
	Mar 2019	Mar 2018
<b>Profit Before Tax</b>	629	301
Add: Depreciation and Amortisation	5587	5,051
Add: Exceptional (Loss)/Gain	6	(1621)
Less: Other Income	379	2,114
<b>Cash Profit from Operations</b>	5831	4860

#### c) Calculation of Capital Employed

Amount in ₹, Mn

Particulars	Quarter Ended
	Mar 2019
<b>Shareholders' Fund</b>	(1818)
Add: Net Debt / (Net Cash)	85,273
<b>Capital Employed</b>	83,455

## **Section 8**

### **GLOSSARY**

#### **8.1 Company Related Terms**

Capex	It includes investment in Gross Fixed Assets capitalized during the quarter and capital work in progress during the relevant period.
Capital Employed	Capital Employed is defined as sum of equity attributable to equity shareholders and net debt / (net cash).
Earnings Per Share (EPS)-Basic	It is computed by dividing net profit or loss attributable for the period to equity shareholders by the weighted average number of equity shares outstanding during the period.
Earnings Per Share (EPS)- Diluted	Diluted earnings per share is calculated by adjusting net profit or loss for the period attributable to equity shareholders and the weighted average number of shares outstanding during the period for the effects of all dilutive potential equity shares.
EBIT	Earnings before interest, taxation excluding other income for the relevant period.
EBIT (Including Other Income)	Earnings before interest, taxation including other income for the relevant period.
EBITDA	Earnings before interest, taxation, depreciation and amortization and charity and donation excluding other income for the relevant period. It is defined as operating income and does not include depreciation and amortization expense, finance cost and tax expense.
EBITDA (Including Other Income)	Earnings before interest, taxation, depreciation and amortization and charity and donation including other income for the relevant period.
Enterprise Value (EV)	Calculated as sum of Market Capitalization plus Net Debt / (Net Cash) as at the end of the relevant period.
EV / EBITDA (times)(LTM)	Computed by dividing Enterprise Value as at the end of the relevant period (EV) by EBITDA for the preceding (last) 12 months from the end of the relevant period.
Free Cash Flow	It is defined as EBITDA adjusted for Capex.
GAAP	Generally Accepted Accounting Principle
INDAS	Indian Accounting Standard
Intangibles	Comprises of acquisition cost of software.
NA/∞	Not ascertainable (infinite)
Interest Coverage Ratio(LTM)	It is computed by dividing EBIT for the preceding (last) 12 months from the end of relevant period by interest on borrowing for the preceding (last) 12 months.
LTM	Last Twelve months
Market Capitalization	Number of issued and outstanding shares as at end of the period multiplied by closing market price (NSE) as at end of the period.
Mn	Million
Net Debt / (Net Cash)	Total Borrowings Less Cash and Cash Equivalents on the last day of the quarter.
Net Debt / (Net Cash) to EBITDA (LTM)	It is computed by dividing net debt / (net cash) as at the end of the relevant period by EBITDA for preceding (last) 12 months from the end of the relevant period.
PE Ratio	Price to Earnings ratio is calculated as closing market price (NSE) as at the end of relevant period, divided by diluted annual earnings per share. Annual Diluted Earnings per share is calculated by adding the preceding last four quarters diluted Earnings per share
ROC	Registrar of Companies

Return On Capital Employed (ROCE) Pre Tax - (LTM)	For the full year computations, ROCE is computed by dividing the sum of EBIT for the period by average (of opening and closing) capital employed. For the quarterly computations, it is computed by dividing sum of EBIT for the preceding (last) 12 months from the end of the relevant period by average (of opening and closing) capital employed during the relevant periods.
CSR	Corporate social responsibility

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