

Summary of share property according to § 313 No. 2 HGB, consolidated financial statements
of Deutsche Telekom AG at date December 31, 2018

Seq. No.	Ges.Nr.	Name and place of Business	via	indirect	direct	Total nominal value	Currency	Remark
		1. Included companies						
1.	1685K	Arbeitgeberverband community, Arbeitgeberverband für Telekommunikation und IT e.V., Bonn					EUR	
2.	2649K	Assessment Point (Proprietary) Limited, Johannesburg	1.95.	100,00%		100	ZAR	
3.	1459K	CA INTERNET d.o.o., Zagreb	1.100.	100,00%		20.000	HRK	
4.	3015K	CE Colo Czech, s.r.o., Prag	1.183.	100,00%		711.991.857	CZK	
5.	1461K	COMBIS - IT Usluge d.o.o., Belgrad	1.7.	100,00%		49.136	RSD	
6.	1460K	COMBIS d.o.o. Sarajevo, Sarajevo	1.7.	100,00%		2.000	BAM	
7.	1420K	COMBIS, usluge integracija informatickih tehnologija, d.o.o., Zagreb	1.84.	100,00%		64.943.900	HRK	
8.	1512K	COSMO-ONE HELLAS MARKET SITE SOCIETE ANONYME OF ELECTRONIC COMMERCE SERVICES, Athen	1.85.	30,87%		5.391.100	EUR	
8.	1512K	COSMO-ONE HELLAS MARKET SITE SOCIETE ANONYME OF ELECTRONIC COMMERCE SERVICES, Athen	1.10.	30,87%		5.391.100	EUR	
9.	1528K	COSMOTE GLOBAL SOLUTIONS N.V., Diegem	1.18.	1,00%		5.700.000	EUR	
9.	1528K	COSMOTE GLOBAL SOLUTIONS N.V., Diegem	1.10.	99,00%		5.700.000	EUR	
10.	1560K	COSMOTE Mobile Telecommunications S.A., Maroussi, Athen	1.85.	100,00%		157.899.931	EUR	
11.	1527K	COSMOTE PAYMENTS ELECTRONIC MONEY SERVICES S.A., Athen	1.85.	100,00%		425.000	EUR	
12.	3004K	Carduelis B.V. (Netherlands), Den Haag	1.79.	100,00%		18.000	EUR	
13.	1315K	Combridge S.R.L., Sfântu Gheorghe	1.118.	100,00%		29.801.490	RON	
14.	6124K	Commander Services s.r.o., Bratislava	1.156.	100,00%		5.000	EUR	
15.	3000K	Consortium 1 S.à r.l., Luxemburg	1.46.	100,00%		2.423.526	EUR	
16.	3001K	Consortium 2 S.à r.l., Luxemburg	1.15.	100,00%		2.395.668	EUR	
17.	1583K	Cosmoholding International B.V., Amsterdam	1.10.	99,00%		1.600.000	EUR	
17.	1583K	Cosmoholding International B.V., Amsterdam	1.83.	1,00%		1.600.000	EUR	
18.	1565K	Cosmote E-Value Contact Center Services Societe Anonyme, Agios Stefanos	1.83.	100,00%		5.105.062	EUR	
19.	1514K	Cosmote TV Productions & Services S.A., Maroussi, Athen	1.85.	100,00%		3.400.000	EUR	
20.	1384K	Crnogorski Telekom a.d. Podgorica, Podgorica	1.84.	76,53%		123.857.700	EUR	
21.	0716K	DFMG Deutsche Funkturm GmbH, Münster	1.254.	16,67%		30.000	EUR	1.)
21.	0716K	DFMG Deutsche Funkturm GmbH, Münster	1.23.	83,33%		30.000	EUR	
22.	0359K	DFMG Holding GmbH, Bonn			100,00%	26.000	EUR	1.)
23.	0517K	DFMG Zwischenholding GmbH, Bonn	1.22.	100,00%		27.000	EUR	1.)
24.	1480K	DIGI SLOVAKIA, s.r.o., Bratislava	1.167.	100,00%		5.152.230	EUR	
25.	6036K	DTCP NL II C.V., Maastricht	2.15.	0,01%		9.999	EUR	
25.	6036K	DTCP NL II C.V., Maastricht	1.41.	99,99%		9.999	EUR	
26.	6022K	DTCP NL IV C.V., Maastricht	1.41.	99,99%		9.999	EUR	
26.	6022K	DTCP NL IV C.V., Maastricht	2.16.	0,01%		9.999	EUR	
27.	6131K	DTCP NL VI C.V., Maastricht	1.41.	99,99%		9.999	EUR	
27.	6131K	DTCP NL VI C.V., Maastricht	2.17.	0,01%		9.999	EUR	
28.	0668K	DeTeAssekuranz - Deutsche Telekom Assekuranz-Vermittlungsgesellschaft mbH, Köln	1.29.	100,00%		1.000.000	EUR	
29.	1102K	DeTeAssekuranz Holding GmbH, Bonn			100,00%	150.000	EUR	
30.	0145K	DeTeFleetServices GmbH, Bonn			100,00%	5.000.000	EUR	1.)
31.	1713K	Detecon (Schweiz) AG, Zürich	1.34.	100,00%		1.000.000	CHF	
32.	2589K	Detecon Asia-Pacific Ltd., Bangkok	1.34.	100,00%		49.000.000	THB	
33.	2642K	Detecon Consulting FZ-LLC, Dubai	1.34.	100,00%		500.000	AED	
34.	0054K	Detecon International GmbH, Köln	1.226.	100,00%		8.700.000	EUR	
35.	0143K	Detecon, Inc., Wilmington, DE	1.34.	100,00%		1.872.850	USD	
36.	0471K	Deutsche Telekom (UK) Limited, Hertfordshire			100,00%	30.100.000	GBP	
37.	1340K	Deutsche Telekom Außendienst GmbH, Bonn	1.254.	100,00%		27.000	EUR	1.)
38.	1499K	Deutsche Telekom Capital Partners Fund GmbH, Hamburg	1.39.	100,00%		25.000	EUR	
39.	1476K	Deutsche Telekom Capital Partners Management GmbH, Hamburg			49,00%	25.000	EUR	
40.	1497K	Deutsche Telekom Capital Partners Portfolio Fund Co-Invest I GmbH & Co. KG, Hamburg	1.42.	96,77%		300	EUR	3.)
40.	1497K	Deutsche Telekom Capital Partners Portfolio Fund Co-Invest I GmbH & Co. KG, Hamburg	2.26.	0,75%		300	EUR	3.)
40.	1497K	Deutsche Telekom Capital Partners Portfolio Fund Co-Invest I GmbH & Co. KG, Hamburg	2.25.	2,48%		300	EUR	3.)
40.	1497K	Deutsche Telekom Capital Partners Portfolio Fund Co-Invest I GmbH & Co. KG, Hamburg	1.38.	0,00%		300	EUR	3.)
41.	6034K	Deutsche Telekom Capital Partners Portfolio Fund Co-Invest Ia GmbH, Hamburg	1.40.	100,00%		25.000	EUR	
42.	1496K	Deutsche Telekom Capital Partners Portfolio Fund GmbH & Co. KG, Hamburg			100,00%	300	EUR	3.)
42.	1496K	Deutsche Telekom Capital Partners Portfolio Fund GmbH & Co. KG, Hamburg	1.39.	0,00%		300	EUR	3.)
42.	1496K	Deutsche Telekom Capital Partners Portfolio Fund GmbH & Co. KG, Hamburg	1.38.	0,00%		300	EUR	3.)
42.	1496K	Deutsche Telekom Capital Partners Portfolio Fund GmbH & Co. KG, Hamburg	2.26.	0,00%		300	EUR	3.)
43.	1477K	Deutsche Telekom Capital Partners Venture Fund GmbH & Co. KG, Hamburg			96,77%	400	EUR	3.)
43.	1477K	Deutsche Telekom Capital Partners Venture Fund GmbH & Co. KG, Hamburg	1.39.	0,00%		400	EUR	3.)
43.	1477K	Deutsche Telekom Capital Partners Venture Fund GmbH & Co. KG, Hamburg	1.38.			400	EUR	3.)
43.	1477K	Deutsche Telekom Capital Partners Venture Fund GmbH & Co. KG, Hamburg	2.27.	0,75%		400	EUR	3.)
43.	1477K	Deutsche Telekom Capital Partners Venture Fund GmbH & Co. KG, Hamburg	2.25.	2,48%		400	EUR	3.)
44.	6128K	Deutsche Telekom Capital Partners Venture Fund II GmbH & Co. KG, Hamburg			99,25%	300	EUR	3.)
44.	6128K	Deutsche Telekom Capital Partners Venture Fund II GmbH & Co. KG, Hamburg	1.39.	0,00%		300	EUR	3.)
44.	6128K	Deutsche Telekom Capital Partners Venture Fund II GmbH & Co. KG, Hamburg	1.38.	0,00%		300	EUR	3.)
44.	6128K	Deutsche Telekom Capital Partners Venture Fund II GmbH & Co. KG, Hamburg	2.28.	0,75%		300	EUR	3.)
45.	1320K	Deutsche Telekom Clinical Solutions GmbH, Bonn	1.50.	100,00%		25.000	EUR	1.)
46.	0191K	Deutsche Telekom Europe B.V., Maastricht	1.47.	100,00%		67.006	EUR	
47.	0577K	Deutsche Telekom Europe Holding B.V., Maastricht	1.48.	100,00%		25.002	EUR	
48.	0514K	Deutsche Telekom Europe Holding GmbH, Bonn			100,00%	30.000	EUR	1.)
49.	1432K	Deutsche Telekom Geschäftskunden-Vertrieb GmbH, Bonn	1.254.	100,00%		25.000	EUR	1.)
50.	2654K	Deutsche Telekom Healthcare and Security Solutions GmbH, Bonn	1.226.	100,00%		511.300	EUR	1.)
51.	0153K	Deutsche Telekom Holding B.V., Maastricht	1.186.	100,00%		20.500	EUR	
52.	0360K	Deutsche Telekom IT GmbH, Bonn			100,00%	25.000	EUR	1.)
53.	2604K	Deutsche Telekom Individual Solutions & Products GmbH, Bonn	1.254.	100,00%		25.000	EUR	1.)
54.	0154K	Deutsche Telekom International Finance B.V., Maastricht			100,00%	500.000	EUR	
55.	1368K	Deutsche Telekom North America Inc., Wilmington, DE	1.235.	100,00%		30	USD	
56.	0585K	Deutsche Telekom Pan-Net Croatia d.o.o., Zagreb	1.48.	100,00%		180.000	HRK	
57.	0582K	Deutsche Telekom Pan-Net Greece EPE, Athen	1.48.	99,88%		650.040	EUR	
57.	0582K	Deutsche Telekom Pan-Net Greece EPE, Athen	2.31.	0,12%		650.040	EUR	
58.	0584K	Deutsche Telekom Pan-Net Hungary Kft., Budapest	1.48.	100,00%		7.501.000	HUF	

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59.	0591K	Deutsche Telekom Pan-Net Macedonia Doel, Skopje	1.48.	100,00%		3.020.000	EUR	
60.	0583K	Deutsche Telekom Pan-Net Poland Spolka z ograniczona odpowiedzialnoscia, Warschau	1.48.	100,00%		100.000	PLN	
61.	0586K	Deutsche Telekom Pan-Net Romania S.R.L., Bukarest	1.48.	100,00%		3.000.000	EUR	
62.	0581K	Deutsche Telekom Pan-Net s.r.o., Bratislava	1.48.	97,00%		25.000	EUR	
62.	0581K	Deutsche Telekom Pan-Net s.r.o., Bratislava	2.31.	3,00%		25.000	EUR	
63.	1304K	Deutsche Telekom Privatkunden-Vertrieb GmbH, Bonn	1.254.	100,00%		10.000.000	EUR	1.)
64.	1342K	Deutsche Telekom Service GmbH, Bonn	1.254.	100,00%		25.000	EUR	1.)
65.	0694K	Deutsche Telekom Services Europe AG, Bonn			100,00%	120.000	EUR	1.)
66.	0695K	Deutsche Telekom Services Europe Czech Republic s.r.o., Brno	1.65.	100,00%		13.500.000	CZK	
67.	1481K	Deutsche Telekom Services Europe Romania S.R.L., Bukarest			3,33%	13.198.200	RON	
67.	1481K	Deutsche Telekom Services Europe Romania S.R.L., Bukarest	1.65.	96,67%		13.198.200	RON	
68.	1391K	Deutsche Telekom Services Europe Slovakia s.r.o., Bratislava	2.81.	0,01%		6.520.000	EUR	
68.	1391K	Deutsche Telekom Services Europe Slovakia s.r.o., Bratislava	1.65.	99,99%		6.520.000	EUR	
69.	0161K	Deutsche Telekom Strategic Investments GmbH, Bonn			100,00%	10.225.900	EUR	
70.	1341K	Deutsche Telekom Technik GmbH, Bonn	1.254.	100,00%		27.000	EUR	1.)
71.	1750K	Deutsche Telekom Training GmbH, Bonn			100,00%	102.300	EUR	1.)
72.	1374K	Deutsche Telekom Venture Funds GmbH, Bonn			100,00%	25.000	EUR	1.)
73.	1457K	E-Tours d.o.o., Zagreb	1.84.	100,00%		20.000	HRK	
74.	1592K	E-Value Collection Ltd., Agios Stefanos	1.18.	100,00%		350.010	EUR	
75.	1584K	E-Value International S.A., Bukarest	1.18.	0,01%		6.700.000	RON	
75.	1584K	E-Value International S.A., Bukarest	1.17.	99,99%		6.700.000	RON	
76.	0764K	Erste DFVG Deutsche Funkturm Vermögens-GmbH, Bonn			100,00%	100.000	EUR	1.)
77.	0005K	GMG Generalmietgesellschaft mbH, Köln			100,00%	51.130.000	EUR	1.)
78.	3003K	GTS Central European Holding B.V. (Netherlands), Amsterdam	1.79.	99,46%		18.500	EUR	
78.	3003K	GTS Central European Holding B.V. (Netherlands), Amsterdam	1.12.	0,54%		18.500	EUR	
79.	3002K	GTS Central European Holdings Limited, Luxemburg	1.16.	100,00%		171.000	EUR	
80.	3008K	GTS Poland sp.z o.o. (Poland), Warschau	1.46.	100,00%		199.870	PLN	
81.	3007K	GTS Telecom S.R.L., Bukarest	1.79.	52,56%		7.368.415	RON	
81.	3007K	GTS Telecom S.R.L., Bukarest	1.78.	47,44%		7.368.415	RON	
82.	3011K	GTS Ukraine L.L.C., Kiev	1.78.	100,00%		1.150.000	UAH	
83.	1563K	Germanos Industrial and Commercial Company of Electronic Telecommunication materials and supply of Services Societe Anonyme, Agios Stefanos	1.10.	100,00%		29.600.892	EUR	
84.	6120K	HT holding d.o.o., Zagreb	1.87.	100,00%		929.965.000	HRK	
85.	1500K	Hellenic Telecommunications Organization S.A. (OTE), Athen			45,00%	1.171.459.430	EUR	
86.	1441K	HFTL Trägergesellschaft mbH, Bonn			100,00%	25.000	EUR	
87.	0381K	Hrvatski Telekom d.d., Zagreb	1.46.	51,14%		9.822.853.500	HRK	
88.	2954K	Huron Merger Sub LLC, Bellevue, WA	1.214.	100,00%		1	USD	
89.	2644K	HÄVG Rechenzentrum GmbH, Köln	1.50.	50,00%		100.000	EUR	
90.	0085K	I.T.E.N.O.S. International Telecom Network Operation Services GmbH, Bonn	1.226.	100,00%		3.000.000	EUR	1.)
91.	0811K	IBSV LLC, Wilmington, DE	1.215.	100,00%		0	USD	
92.	2613K	IT Services Hungary Szolgáltató Kft., Budapest	1.226.	100,00%		150.100.000	HUF	
93.	6121K	ITgen Informatikai Szolgáltató Korlátolt Felelősségű Társaság, Budapest	1.229.	100,00%		3.000.000	HUF	
94.	9924K	Infovan (Proprietary) Limited, Midrand	1.243.	100,00%		2.000	ZAR	
95.	2646K	Intervate Holdings (Proprietary) Limited, Johannesburg	1.243.	100,00%		2.090	ZAR	
96.	2648K	Intervate Project Services (Proprietary) Limited, Johannesburg	1.97.	100,00%		300	ZAR	
97.	2647K	Intervate Solutions (Proprietary) Limited, Johannesburg	1.95.	100,00%		1.070	ZAR	
98.	0197K	Investel Magyar Távközlési Befektetési Zrt., Budapest	1.118.	100,00%		1.113.000.000	HUF	
99.	2931K	Iowa Wireless Services Holding Corporation, Bellevue, WA	1.215.	100,00%		1	USD	
100.	1351K	Iskon Internet d.d., Zagreb	1.84.	100,00%		420.269.100	HRK	
101.	0352K	KIBU Innováció Nonprofit Kft., Budapest	1.118.	96,67%		3.000.000	HUF	
101.	0352K	KIBU Innováció Nonprofit Kft., Budapest	1.98.	3,33%		3.000.000	HUF	
102.	0765K	Kabelsko distributivni sustav d.o.o., Cakovec	1.84.	100,00%		1.229.600	HRK	
103.	0295K	KalászNet Kft., Budapest	1.118.	100,00%		225.000.000	HUF	
104.	2940K	L3TV Chicagoland Cable System, LLC, Bellevue, WA	1.114.	100,00%		1	USD	
105.	2941K	L3TV Colorado Cable System, LLC, Bellevue, WA	1.114.	100,00%		1	USD	
106.	2943K	L3TV DC Cable System, LLC, Bellevue, WA	1.114.	100,00%		1	USD	
107.	2942K	L3TV Dallas Cable System, LLC, Bellevue, WA	1.114.	100,00%		1	USD	
108.	2964K	L3TV Detroit Cable System, LLC, Bellevue, WA	1.114.	100,00%		1	USD	
109.	2944K	L3TV Los Angeles Cable System, LLC, Bellevue, WA	1.114.	100,00%		1	USD	
110.	2945K	L3TV New York Cable System, LLC, Bellevue, WA	1.114.	100,00%		1	USD	
111.	2963K	L3TV Philadelphia Cable System, LLC, Bellevue, WA	1.114.	100,00%		1	USD	
112.	2957K	L3TV San Francisco Cable System, LLC, Bellevue, WA	1.114.	100,00%		1	USD	
113.	6139K	LEMO INTERNET a.s., Trutnov	1.183.	100,00%		2.000.000	CZK	
114.	2932K	Layer3 TV, Inc., Bellevue, WA	1.215.	100,00%		10	USD	
115.	2946K	LayerG, LLC, Bellevue, WA	1.114.	100,00%		1	USD	
116.	2959K	MFP LeaseCo, LLC, Bellevue, WA	1.215.	51,00%		1	USD	
117.	2938K	Magenta Ventures LLC, Bellevue, WA	1.215.	100,00%		1	USD	
118.	0092K	Magyar Telekom Telecommunications Public Limited Company, Budapest	1.46.	59,72%		104.274.254.300	HUF	
119.	1383K	Makedonski Telekom AD Skopje, Skopje	1.170.	56,67%		9.583.887.760	MKD	
120.	2910K	MetroPCS California, LLC, Bellevue, WA	1.215.	100,00%		1	USD	
121.	2915K	MetroPCS Florida, LLC, Bellevue, WA	1.211.	100,00%		1	USD	
122.	2916K	MetroPCS Georgia, LLC, Bellevue, WA	1.211.	100,00%		1	USD	
123.	2917K	MetroPCS Massachusetts, LLC, Bellevue, WA	1.205.	100,00%		1	USD	
124.	2920K	MetroPCS Michigan, LLC, Bellevue, WA	1.182.	100,00%		0	USD	
125.	2922K	MetroPCS Networks California, LLC, Bellevue, WA	1.215.	100,00%		1	USD	
126.	2923K	MetroPCS Networks Florida, LLC, Bellevue, WA	1.211.	100,00%		1	USD	
127.	2912K	MetroPCS Nevada, LLC, Bellevue, WA	1.216.	100,00%		1	USD	
128.	2919K	MetroPCS New York, LLC, Bellevue, WA	1.205.	100,00%		1	USD	
129.	2918K	MetroPCS Pennsylvania, LLC, Bellevue, WA	1.205.	100,00%		1	USD	
130.	2913K	MetroPCS Texas, LLC, Bellevue, WA	1.216.	100,00%		1	USD	
131.	1562K	Mobilbeep Telecommunications One Person Limited Liability, Maroussi, Athen	1.10.	100,00%		620.100	EUR	
132.	1526K	NextGen Communications S.R.L., Bukarest	1.248.	100,00%		50.564.200	RON	
133.	1322K	Novatel EOOD, Sofia	1.118.	100,00%		11.056.430	BGN	
134.	0323K	ORBIT Gesellschaft für Applikations- und Informationssysteme mbH, Bonn	1.34.	100,00%		128.000	EUR	
135.	1492K	OT-Optima Telekom d.d., Zagreb	1.84.	17,41%		694.432.640	HRK	
136.	1495K	OT-Optima Telekom d.o.o., Koper	1.135.	100,00%		8.763	EUR	
137.	1551K	OTE Academy S.A., Maroussi, Athen	1.85.	100,00%		1.761.030	EUR	
137.	1551K	OTE Academy S.A., Maroussi, Athen	1.165.	0,00%		1.761.030	EUR	
138.	1552K	OTE Estate S.A., Athen	1.85.	100,00%		335.344.766	EUR	
138.	1552K	OTE Estate S.A., Athen	1.145.	0,00%		335.344.766	EUR	
139.	1553K	OTE Insurance Agency S.A., Athen	1.85.	99,90%		86.000	EUR	

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139.	1553K	OTE Insurance Agency S.A., Athen	1.145.	0,10%		86.000	EUR	
140.	1513K	OTE International Investments Limited, Limassol	1.85.	100,00%		477.366.811	EUR	
141.	1506K	OTE International Solutions S.A., Maroussi, Athen	1.85.	100,00%		102.354.799	EUR	
141.	1506K	OTE International Solutions S.A., Maroussi, Athen	1.165.	0,00%		102.354.799	EUR	
142.	1554K	OTE Plc., London	1.85.	100,00%		50.000	GBP	
143.	1585K	OTE Rural North SPV, Maroussi, Athen	1.85.	100,00%		1.775.112	EUR	
144.	1587K	OTE Rural South SPV, Maroussi, Athen	1.85.	100,00%		2.255.520	EUR	
145.	1508K	OTEplus Technical & Business Solutions S.A., Athen	1.85.	100,00%		4.714.408	EUR	
146.	6104K	OmegaTowers 1 Funkdienste GmbH & Co. KG, Münster	1.21.	100,00%		100	EUR	1.) 3.)
147.	6106K	OmegaTowers 2 Funkdienste GmbH & Co. KG, Münster	1.21.	100,00%		100	EUR	1.) 3.)
148.	6008K	OmegaTowers 3 Funkdienste GmbH, Münster	1.21.	100,00%		25.000	EUR	1.)
149.	0507K	One 2 One Limited, Hertfordshire	1.36.	100,00%		2	GBP	
150.	0717K	One 2 One Personal Communications Ltd., Hertfordshire	1.36.	100,00%		1	GBP	
151.	1494K	Optima Telekom za upravljanje nekretninama i savjetovanje d.o.o., Zagreb	1.135.	100,00%		20.000	HRK	
152.	1493K	Optima direct d.o.o., Buje	1.135.	100,00%		19.216.000	HRK	
153.	1321K	PASM Power and Air Condition Solution Management GmbH, München			100,00%	10.025.000	EUR	1.)
154.	1444K	Pan-Infom Kutatás-Fejlesztési és Innovációs Kft., Balatonfüred	1.229.	100,00%		3.000.000	HUF	
155.	1445K	Pelsoft Informatika Kft., Balatonfüred	1.229.	100,00%		3.000.000	HUF	
156.	1398K	PosAm spol. s.r.o., Bratislava	1.167.	51,00%		170.000	EUR	
157.	0915K	Powertel Memphis Licenses, Inc., Bellevue, WA	1.158.	100,00%		1	USD	
158.	0907K	Powertel/Memphis, Inc., Bellevue, WA	1.215.	100,00%		32.262	USD	
159.	0741K	Qingdao DETECON Consulting Co., Ltd., Qingdao	1.34.	100,00%		2.000.000	USD	
160.	1458K	REGICA.NET d.o.o., Zagreb	1.100.	100,00%		28.000	HRK	
161.	6140K	Regionet Morava a.s., Tranovice	1.183.	100,00%		4.000.000	CZK	
162.	8137K	SCS Personalberatung GmbH, Frankfurt am Main			100,00%	100.000	DEM	1.)
163.	2951K	SLMA LLC, Bellevue, WA	1.215.	100,00%		1	USD	
164.	2660K	Satellitc NV, Machelen	1.226.	76,00%		10.000.000	EUR	
165.	1507K	Satellite and Maritime Telecommunications S.A., Piraeus	1.85.	94,08%		5.463.750	EUR	
165.	1507K	Satellite and Maritime Telecommunications S.A., Piraeus	1.145.	0,01%		5.463.750	EUR	
166.	1452K	Sireo Immobilienfonds No.1 GmbH & Co. KG, Bonn			100,00%	6.858.242	EUR	3.)
167.	0485K	Slovak Telekom, a.s., Bratislava	1.46.	100,00%		864.113.000	EUR	
168.	2587K	Software Daten Service Gesellschaft m.b.H., Wien	1.226.	100,00%		290.691	EUR	
169.	2817K	Soluciones y Proyectos Consulting, S.L., Barcelona	1.225.	100,00%		3.006	EUR	
170.	0631K	Stonebridge Communication AD, Skopje	1.118.	100,00%		12.065.386.345	MKD	
171.	0980K	SunCom Wireless Holdings Inc., Bellevue, WA	1.215.	100,00%		1	USD	
172.	0988K	SunCom Wireless License Company, LLC, Bellevue, WA	1.261.	100,00%		1	USD	
173.	0987K	SunCom Wireless Operating Company, LLC, Bellevue, WA	1.261.	100,00%		1	USD	
174.	0986K	SunCom Wireless Property Company, LLC, Bellevue, WA	1.261.	100,00%		1	USD	
175.	0982K	SunCom Wireless, Inc., Bellevue, WA	1.171.	100,00%		1	USD	
176.	2955K	Superior Merger Sub Corporation, Bellevue, WA	1.88.	100,00%		1	USD	
177.	0513K	T-Mobile (UK) Ltd., Hertfordshire	1.36.	100,00%		1	GBP	
178.	0508K	T-Mobile (UK) Retail Limited, Hertfordshire	1.36.	100,00%		105	GBP	
179.	2960K	T-Mobile Airtime Funding LLC, Bellevue, WA	1.206.	100,00%		1	USD	
180.	0525K	T-Mobile Austria GmbH, Wien	1.181.	100,00%		60.000.000	EUR	
181.	0159K	T-Mobile Austria Holding GmbH, Wien	1.46.	100,00%		15.000.000	EUR	
182.	0814K	T-Mobile Central LLC, Bellevue, WA	1.215.	100,00%		1	USD	
183.	0246K	T-Mobile Czech Republic a.s., Prag	1.46.	100,00%		520.000.000	CZK	
184.	2962K	T-Mobile Financial LLC, Wilmington, DE	1.215.	100,00%		100.000	USD	
185.	2933K	T-Mobile Global Care Corporation, Bellevue, WA	1.215.	100,00%		10	USD	
186.	0791K	T-Mobile Global Holding GmbH, Bonn	1.187.	100,00%		50.000	EUR	1.)
187.	1373K	T-Mobile Global Zwischenholding GmbH, Bonn			100,00%	26.000	EUR	1.)
188.	2961K	T-Mobile Handset Funding LLC, Bellevue, WA	1.184.	100,00%		1	USD	
189.	1377K	T-Mobile HotSpot GmbH, Bonn			100,00%	26.000	EUR	1.)
190.	0701K	T-Mobile Infra B.V., Den Haag	1.199.	100,00%		10.000	EUR	
191.	0787K	T-Mobile International Austria GmbH, Wien	1.180.	100,00%		37.000	EUR	
192.	0719K	T-Mobile International Limited, Hertfordshire	1.36.	100,00%		1	GBP	
193.	0541K	T-Mobile International UK Pension Trustee Limited, Welwyn Garden City	1.36.	100,00%		1	GBP	
194.	2958K	T-Mobile Leasing LLC, Bellevue, WA	1.215.	100,00%		1	USD	
195.	0826K	T-Mobile License LLC, Bellevue, WA	1.215.	100,00%		1	USD	
196.	0512K	T-Mobile Ltd., Hertfordshire	1.36.	100,00%		1	GBP	
197.	0547K	T-Mobile Netherlands B.V., Den Haag	1.199.	100,00%		1.250.628	EUR	
198.	0546K	T-Mobile Netherlands Finance B.V., Den Haag	1.199.	100,00%		124.105	EUR	
199.	0606K	T-Mobile Netherlands Holding B.V., Den Haag	1.46.	100,00%		90.756.043	EUR	
200.	0772K	T-Mobile Netherlands Klantenservice B.V., Den Haag	1.197.	100,00%		1.116.950	EUR	
201.	0520K	T-Mobile Netherlands Retail B.V., Den Haag	1.197.	100,00%		18.000	EUR	
202.	0553K	T-Mobile Newco Nr. 4 GmbH, Bonn			100,00%	25.000	EUR	1.)
203.	0502K	T-Mobile No. 1 Limited, London	1.36.	100,00%		1	GBP	
204.	0504K	T-Mobile No. 5 Limited, London	1.36.	100,00%		1	GBP	
205.	0855K	T-Mobile Northeast LLC, Bellevue, WA	1.215.	100,00%		1	USD	
206.	0801K	T-Mobile PCS Holdings LLC, Bellevue, WA	1.215.	100,00%		1	USD	
207.	0179K	T-Mobile Polska S.A., Warschau	1.46.	100,00%		471.000.000	PLN	
208.	0989K	T-Mobile Puerto Rico Holdings LLC, Bellevue, WA	1.261.	100,00%		1	USD	
209.	0990K	T-Mobile Puerto Rico LLC, Bellevue, WA	1.208.	100,00%		1	USD	
210.	0816K	T-Mobile Resources Corporation, Bellevue, WA	1.206.	100,00%		1	USD	
211.	0937K	T-Mobile South LLC, Bellevue, WA	1.215.	100,00%		1	USD	
212.	0810K	T-Mobile Subsidiary IV Corporation, Bellevue, WA	1.215.	100,00%		1	USD	
213.	6014K	T-Mobile Thuis B.V., Den Haag	1.199.	100,00%		1	EUR	
214.	0600K	T-Mobile US, Inc., Bellevue, WA	1.51.	63,34%		8.503	USD	
215.	0650K	T-Mobile USA, Inc., Bellevue, WA	1.214.	100,00%		5.353	USD	
216.	0831K	T-Mobile West LLC, Bellevue, WA	1.215.	100,00%		1.000	USD	
217.	2553K	T-Systems Austria GesmbH, Wien	1.226.	100,00%		185.000	EUR	
218.	8207K	T-Systems Belgium NV, Machelen	1.233.	0,65%		172.125	EUR	
218.	8207K	T-Systems Belgium NV, Machelen	1.226.	99,35%		172.125	EUR	
219.	1648K	T-Systems CIS, Moskau	1.226.	100,00%		4.630.728	RUB	
220.	0180K	T-Systems Canada, Inc., Saint John	1.235.	100,00%		2.031.554	CAD	
221.	4033K	T-Systems China Limited, Hongkong	1.226.	100,00%		24.000.000	HKD	
222.	2641K	T-Systems Data Migration Consulting AG, Kreuzlingen	1.239.	100,00%		100.000	CHF	
223.	2656K	T-Systems France SAS, Saint-Denis	1.226.	100,00%		2.000.000	EUR	
224.	8109K	T-Systems GEI GmbH, Aachen	1.226.	100,00%		11.301.600	EUR	1.)
225.	2380K	T-Systems ITC Iberia, S.A., Barcelona	1.226.	100,00%		1.245.100	EUR	
226.	8108K	T-Systems International GmbH, Frankfurt am Main			100,00%	154.441.900	EUR	1.)
227.	1737K	T-Systems Italia S.r.l., Rozzano	1.226.	100,00%		594.000	EUR	
228.	1908K	T-Systems Limited, London	1.226.	100,00%		550.001	GBP	

Summary of share property according to § 313 No. 2 HGB, consolidated financial statements of Deutsche Telekom AG at date December 31, 2018

Seq. No.	Ges.Nr.	Name and place of Business	via	indirect	direct	Total nominal value	Currency	Remark
229.	1353K	T-Systems Magyarország ZRt., Budapest	1.118.	100,00%		2.002.000.000	HUF	
230.	2625K	T-Systems Malaysia Sdn. Bhd., Kuala Lumpur	1.226.	100,00%		4.000.000	MYR	
231.	2811K	T-Systems Mexico, S.A. de C.V., Puebla	1.226.	100,00%		32.000.000	MXN	
232.	0128K	T-Systems Multimedia Solutions GmbH, Dresden	1.226.	100,00%		4.090.400	EUR	1.)
233.	2193K	T-Systems Nederland B.V., Utrecht	1.226.	100,00%		908.000	EUR	
234.	1887K	T-Systems Nordic A/S, Ballerup	1.226.	100,00%		5.500.000	DKK	
235.	0017K	T-Systems North America, Inc., Wilmington, DE	1.226.	100,00%		34	USD	
236.	2602K	T-Systems P.R. China Ltd., Peking	1.226.	100,00%		31.500.000	EUR	
237.	1647K	T-Systems Polska Sp. z o.o., Breslau	1.207.	100,00%		8.327.000	PLN	
238.	2645K	T-Systems RUS OOO, St. Petersburg	1.219.	99,00%		10.000	RUB	
238.	2645K	T-Systems RUS OOO, St. Petersburg	1.226.	1,00%		10.000	RUB	
239.	1709K	T-Systems Schweiz AG, Münchenbuchsee	1.226.	100,00%		13.000.000	CHF	
240.	8200K	T-Systems Singapore Pte. Ltd., Singapore	1.226.	100,00%		38.905.000	SGD	
241.	2600K	T-Systems Slovakia s.r.o., Kosice	1.226.	97,50%		258.581	EUR	
241.	2600K	T-Systems Slovakia s.r.o., Kosice	2.81.	2,50%		258.581	EUR	
242.	9973K	T-Systems Solutions for Research GmbH, Weßling	1.226.	100,00%		5.000.000	EUR	1.)
243.	2615K	T-Systems South Africa (Proprietary) Limited, Midrand	1.244.	70,00%		6.000	ZAR	
244.	2439K	T-Systems South Africa Holdings (Proprietary) Limited, Midrand	1.226.	100,00%		4.100.085	ZAR	
245.	4015K	T-Systems Telecomunicacoes e Servicos Ltda., Sao Bernardo do Campo	1.246.	100,00%		4.182.560	BRL	
245.	4015K	T-Systems Telecomunicacoes e Servicos Ltda., Sao Bernardo do Campo	2.81.	0,00%		4.182.560	BRL	
246.	8343K	T-Systems do Brasil Ltda., Sao Paulo	2.81.	0,00%		30.000.000	BRL	
246.	8343K	T-Systems do Brasil Ltda., Sao Paulo	1.226.	100,00%		30.000.000	BRL	
247.	2804K	T-Systems on site services GmbH, Berlin	1.226.	100,00%		154.000	EUR	1.)
248.	1501K	TELEKOM ROMANIA COMMUNICATIONS S.A., Bukarest	1.140.	54,01%		5.975.037.351	RON	
249.	1573K	TELEKOM ROMANIA MOBILE COMMUNICATIONS S.A., Bukarest	1.10.	70,00%		1.593.747.510	RON	
249.	1573K	TELEKOM ROMANIA MOBILE COMMUNICATIONS S.A., Bukarest	1.248.	30,00%		1.593.747.510	RON	
250.	0999K	TMUS Assurance Corporation, Honolulu, HI	1.215.	100,00%		10	USD	
251.	3010K	Tel-Team Inwestycje sp. z o.o., Zielonka	1.207.	100,00%		15.000.000	PLN	
252.	3009K	Tele Haus Polska sp.z o.o. (Poland), Tarnowo Podgórne	1.207.	100,00%		5.167.550	PLN	
253.	1577K	Telekom Albania SH.A, Tirana	1.10.	99,76%		813.822.000	ALL	4.)
254.	0002K	Telekom Deutschland GmbH, Bonn			100,00%	1.515.000.000	EUR	1.)
255.	0707K	Telekom Deutschland Multibrand GmbH, Bonn	1.254.	100,00%		25.000	EUR	1.)
256.	1305K	Telekom Innovation Pool GmbH, Bonn			100,00%	26.000	EUR	1.)
257.	1385K	Telekom New Media Zrt., Budapest	1.118.	100,00%		669.930.000	HUF	
258.	1365K	Telekom Sec, s.r.o., Bratislava	1.167.	100,00%		71.639	EUR	
259.	2662K	Toll4Europe GmbH, Berlin	1.226.	55,00%		25.000.000	EUR	
260.	0983K	Triton PCS Finance Company, Inc., Bellevue, WA	1.175.	100,00%		1	USD	
261.	0985K	Triton PCS Holdings Company, LLC, Bellevue, WA	1.175.	100,00%		1	USD	
262.	0227K	UPC Telekabel Wien GmbH, Wien	1.180.	95,00%		24.512.547	EUR	
263.	0226K	UPC Telekabel-Fernsehnnetz Region Baden Betriebsgesellschaft mbH, Traiskirchen	1.180.	95,00%		363.364	EUR	
264.	0689K	VIOLA Kabelgesellschaft (Deutschland) mbH, Bonn	1.22.	100,00%		1.000.000	EUR	
265.	0453K	Vidanet Zrt., Győr	1.118.	67,50%		2.000.000.000	HUF	
265.	0453K	Vidanet Zrt., Győr	1.98.	22,50%		2.000.000.000	HUF	
266.	1309K	Vivento Customer Services GmbH, Bonn			100,00%	100.000	EUR	1.)
267.	1335K	Zoznam Mobile, s.r.o., Bratislava	1.167.	100,00%		6.639	EUR	
268.	1334K	Zoznam, s.r.o., Bratislava	1.167.	100,00%		6.639	EUR	
269.	0773K	Zweite DFMG Deutsche Funkturm Vermögens-GmbH, Bonn	1.254.	100,00%		100.000	EUR	1.)
270.	1165K	congstar GmbH, Köln	1.254.	100,00%		250.000	EUR	1.)
271.	1436K	congstar Services GmbH, Köln	1.270.	100,00%		30.000	EUR	1.)
272.	2802K	operational services GmbH & Co. KG, Frankfurt am Main	1.226.	50,00%		250.000	EUR	3.)
272.	2802K	operational services GmbH & Co. KG, Frankfurt am Main	2.108.			250.000	EUR	3.)
273.	2599K	rola Security Solutions GmbH, Köln	1.226.	100,00%		800.000	EUR	1.)

2. Not included affiliated companies according to HGB

1.	0750K	3. T-Venture Beteiligungsgesellschaft mbH (3. TVB), Bonn	1.72.	100,00%		25.000	EUR	
2.	3012K	Antel Germany GmbH, Karben	1.78.	100,00%		25.000	EUR	
3.	1442K	BENOCs GmbH, Bonn	1.256.	100,00%		25.000	EUR	
4.	6012K	Benocs, Inc., Wilmington, DE	2.3.	100,00%		100	USD	
5.	1407K	CBS GmbH, Bonn	2.9.	100,00%		838.710	EUR	
6.	1439K	CTA Holding GmbH, Bonn			76,00%	100.000	EUR	
6.	1439K	CTA Holding GmbH, Bonn	1.226.	17,00%		100.000	EUR	
6.	1439K	CTA Holding GmbH, Bonn	1.254.	7,00%		100.000	EUR	
7.	2666K	CYO Czech, s.r.o., Prag	1.226.	100,00%		10.000	CZK	
8.	1410K	Click & Buy Services India Private Limited, Hydrabad	2.43.	99,62%		1.609.920	INR	
9.	1168K	ClickandBuy Holding GmbH, Bonn			100,00%	25.000	EUR	
10.	1406K	ClickandBuy International Limited, Milton Keynes	2.9.	100,00%		1.301.008	GBP	
11.	1469K	Comfortcharge GmbH, Bonn	1.256.	100,00%		25.000	EUR	
12.	1107K	Compendo GmbH, Nürnberg	1.29.	100,00%		25.000	EUR	
13.	1697K	DEUTSCHE TELEKOM CAPITAL PARTNERS STRATEGIC ADVISORY LLC, Dover, DE	1.39.	100,00%		1.000	USD	
14.	6122K	DTCP Israel Ltd., Herzliya	1.39.	100,00%		415	ILS	
15.	6035K	DTCP NL I B.V., Maastricht	1.41.	100,00%		0	EUR	
16.	6027K	DTCP NL III B.V., Maastricht	1.41.	100,00%		0	EUR	
17.	6130K	DTCP NL V B.V., Maastricht	1.41.	100,00%		0	EUR	
18.	6111K	DTCP USA, LLC, San Francisco, CA	1.39.	100,00%		1	USD	
19.	0329K	DeTeAsia Holding GmbH, Bonn			100,00%	50.000	DEM	
20.	1045K	Detecon Consulting Austria GmbH, Wien	1.31.	100,00%		72.673	EUR	
21.	8342K	Detecon Vezetési Tanácsadó Kft., Budapest	1.34.	100,00%		4.600.000	HUF	
22.	1479K	Deutsche Sportwetten GmbH, Bonn	1.256.	63,92%		69.290	EUR	
23.	0019K	Deutsche TELEKOM Asia Pte. Ltd., Singapur			100,00%	137.777.793	SGD	
24.	1491K	Deutsche Telekom Business Development & Venturing Ltd., Herzliya			100,00%	10	NIS	
25.	6103K	Deutsche Telekom Capital Partners Expert/Advisor Co-Invest GmbH & Co. KG, Hamburg			93,20%	800	EUR	3.)
25.	6103K	Deutsche Telekom Capital Partners Expert/Advisor Co-Invest GmbH & Co. KG, Hamburg	1.39.	0,00%		800	EUR	3.)
26.	6101K	Deutsche Telekom Capital Partners Portfolio Fund Carry GmbH & Co. KG, Hamburg			58,00%	1.400	EUR	3.)
26.	6101K	Deutsche Telekom Capital Partners Portfolio Fund Carry GmbH & Co. KG, Hamburg	1.39.	0,00%		1.400	EUR	3.)
27.	6100K	Deutsche Telekom Capital Partners Venture Fund Carry GmbH & Co. KG, Hamburg			25,00%	1.400	EUR	3.)

Summary of share property according to § 313 No. 2 HGB, consolidated financial statements
of Deutsche Telekom AG at date December 31, 2018

Seq. No.	Ges.Nr.	Name and place of Business	via	indirect	direct	Total nominal value	Currency	Remark
27.	6100K	Deutsche Telekom Capital Partners Venture Fund Carry GmbH & Co. KG, Hamburg	1.39.	0,00%		1.400	EUR	3.)
28.	6129K	Deutsche Telekom Capital Partners Venture Fund II Carry GmbH & Co. KG, Hamburg			25,50%	1.900	EUR	3.)
28.	6129K	Deutsche Telekom Capital Partners Venture Fund II Carry GmbH & Co. KG, Hamburg	1.39.	0,00%		1.900	EUR	3.)
29.	6132K	Deutsche Telekom Capital Partners Venture Fund II Parallel GmbH & Co. KG, Hamburg	2.28.	0,75%		100	EUR	3.)
30.	2658K	Deutsche Telekom Clinical Solutions India Private Limited, Pune	2.81.	0,00%		2.146.070	INR	
30.	2658K	Deutsche Telekom Clinical Solutions India Private Limited, Pune	1.226.	100,00%		2.146.070	INR	
31.	0515K	Deutsche Telekom Europe Beteiligungsverwaltungsgesellschaft mbH, Bonn			100,00%	25.000	EUR	
32.	2651K	Deutsche Telekom Healthcare Solutions Netherlands B.V., Bunnik (Utrecht)	1.226.	100,00%		18.000	EUR	
33.	1286K	Deutsche Telekom Hosted Business Services, Inc., Menlo Park, CA	2.50.	100,00%		5.306	USD	
34.	0589K	Deutsche Telekom Pan-Net Albania Sh.p.k., Tirana	1.48.	100,00%		2.600.000	ALL	
35.	0587K	Deutsche Telekom Pan-Net Czech Republic s.r.o., Prag	1.48.	100,00%		13.600.000	CZK	
36.	0576K	Deutsche Telekom Pan-Net GmbH, Wien	1.48.	100,00%		600.000	EUR	
37.	0588K	Deutsche Telekom Pan-Net Montenegro d.o.o., Podgorica	1.48.	100,00%		20.000	EUR	
38.	0615K	Deutsche Telekom Strategic Investments, Inc., San Francisco, CA	1.69.	100,00%		100	USD	
39.	1371K	Deutsche Telekom hub:raum Fund GmbH, Bonn			100,00%	25.000	EUR	
40.	0610K	Deutsche Telekom, Inc., New York, NY			100,00%	100	USD	
41.	1464K	Digital Media Audience Products GmbH, Bonn	1.256.	100,00%		25.000	EUR	
42.	0089K	Eutelis Consult GmbH i. L., Ratingen	1.34.	60,00%		1.360.000	DEM	
43.	1228K	Firstgate Holding AG, Oberägeri	2.9.	100,00%		100.000	CHF	
44.	2609K	GEMAPPS Gesellschaft für mobile Lösungen mbH, Hamburg	1.226.	100,00%		25.000	EUR	
45.	6142K	Goingsoft Software Vertriebs- und Beratungs GmbH, St. Johann	1.254.	100,00%		35.000	EUR	
46.	1465K	Immmr GmbH, Bonn	1.256.	100,00%		25.000	EUR	
47.	0166K	ImmoCom Verwaltungs GmbH, Heusenstamm	1.77.	100,00%		50.000	DEM	
48.	1449K	Kolga Telekommunikationsdienste GmbH, Bonn	1.254.	100,00%		25.000	EUR	
49.	1466K	Kumukan GmbH, Bonn	1.256.	100,00%		25.000	EUR	
50.	1370K	Lambda Telekommunikationsdienste GmbH, Bonn			100,00%	25.000	EUR	
51.	6109K	Lauderdale Carry GmbH & Co. KG, Hamburg	1.39.	10,00%		1.400	EUR	3.)
51.	6109K	Lauderdale Carry GmbH & Co. KG, Hamburg	1.38.	0,00%		1.400	EUR	3.)
52.	1451K	Loki Telekommunikationsdienste GmbH, Bonn	1.254.	100,00%		25.000	EUR	
53.	0063K	MAGYARCOM SZOLGÁLTATÓ KOMMUNIKÁCIÓS Kft., Budapest			100,00%	50.000.000	HUF	
54.	1438K	Magenta GmbH, Bonn			100,00%	25.000	EUR	
55.	1470K	MobiledgeX GmbH, Bonn	2.56.	100,00%		25.000	EUR	
56.	6048K	MobiledgeX, Inc., Menlo Park, CA	1.256.	100,00%		10.000	USD	
56.	6048K	MobiledgeX, Inc., Menlo Park, CA	2.56.			10.000	USD	
57.	1448K	Motionlogic GmbH, Berlin	1.256.	100,00%		25.000	EUR	
58.	1467K	NGENA GmbH, Bonn	1.256.	69,76%		109.615	EUR	
59.	6105K	OmegaTowers 1 Funkdienste Komplementär GmbH, Münster	1.21.	100,00%		25.000	EUR	
60.	6007K	OmegaTowers 2 Funkdienste Komplementär GmbH, Münster	1.21.	100,00%		25.000	EUR	
61.	1123K	P & I Travel GmbH, Darmstadt			100,00%	4.000.000	EUR	
62.	1169K	P & I Verwaltungs GmbH, Darmstadt			100,00%	25.000	EUR	
63.	0795K	PASM Power and Air Condition Solution Management Beteiligungs GmbH, Bonn			100,00%	25.000	EUR	
64.	2668K	PT T Systems Indonesia, Jakarta	2.81.	0,40%		2.500.000.000	IDR	
64.	2668K	PT T Systems Indonesia, Jakarta	1.226.	99,60%		2.500.000.000	IDR	
65.	2908K	PTI PR TOWERS I, LLC, Bellevue, WA	1.209.	100,00%		1	USD	
66.	2907K	PTI US TOWERS II, LLC, Bellevue, WA	1.216.	100,00%		1	USD	
67.	2906K	PTI US TOWERS I, LLC, Bellevue, WA	1.215.	100,00%		1	USD	
68.	2650K	PreHCM Services GmbH, Miltenberg	1.21.	100,00%		25.000	EUR	
69.	0167K	Residenzpost GmbH & Co. Liegenschafts KG, Heusenstamm			100,00%	1	EUR	3.)
70.	1696K	SPV HOLDINGS SP.z o.o., Warschau	1.46.	100,00%		5.000	PLN	
71.	1361K	Sallust Telekommunikationsdienste GmbH, Bonn			100,00%	25.000	EUR	
72.	1376K	Sigma Telekommunikationsdienste GmbH, Bonn			100,00%	25.000	EUR	
73.	1453K	Sireo Immobilienfonds No. 1 Verwaltungsgesellschaft mbH, Bonn	1.166.	100,00%		25.000	EUR	
74.	1468K	Sophia Invest GmbH, Bonn	1.256.	100,00%		25.000	EUR	
75.	2591K	T SYSTEMS TELEKOMÜNİKASYON LIMITED SIRKETI, Istanbul	1.226.	100,00%		4.453.325	TRY	
76.	0575K	T-Infrastruktur Holding GmbH, Wien	1.180.	100,00%		35.000	EUR	
77.	0569K	T-Mobile (UK Properties), Inc., Denver, CO	1.36.	100,00%		1	USD	
78.	0540K	T-Mobile Holdings Limited, Milton Keynes	2.6.	100,00%		706.540.268	GBP	
79.	0552K	T-Mobile Newco Nr. 3 GmbH, Bonn			100,00%	25.000	EUR	
80.	2806K	T-Systems Argentina S.A., Buenos Aires	2.81.	2,00%		2.425.252	ARS	
80.	2806K	T-Systems Argentina S.A., Buenos Aires	1.226.	98,00%		2.425.252	ARS	
81.	2289K	T-Systems Beteiligungsverwaltungsgesellschaft mbH, Frankfurt am Main	1.226.	100,00%		25.600	EUR	
82.	1440K	T-Systems Client Services GmbH, Bonn	1.226.	100,00%		25.000	EUR	
83.	2637K	T-Systems ICT Romania S.R.L., Bukarest	2.81.	5,00%		200	RON	
83.	2637K	T-Systems ICT Romania S.R.L., Bukarest	1.226.	95,00%		200	RON	
84.	2619K	T-Systems IT Epsilon GmbH, Bonn	1.226.	100,00%		25.000	EUR	
85.	2621K	T-Systems IT Eta GmbH, Bonn	1.226.	100,00%		25.000	EUR	
86.	2617K	T-Systems IT Gamma GmbH, Bonn	1.226.	100,00%		25.000	EUR	
87.	2620K	T-Systems IT Zeta GmbH, Bonn	1.226.	100,00%		25.000	EUR	
88.	2603K	T-Systems Information and Communication Technology E.P.E., Athen	2.81.	1,00%		18.000	EUR	
88.	2603K	T-Systems Information and Communication Technology E.P.E., Athen	1.226.	99,00%		18.000	EUR	
89.	2631K	T-Systems Information and Communication Technology India Private Limited, Pune	2.81.	0,00%		95.500.000	INR	
89.	2631K	T-Systems Information and Communication Technology India Private Limited, Pune	1.226.	100,00%		95.500.000	INR	
90.	2610K	T-Systems Luxembourg S.A., Münsbach	2.81.	0,02%		1.500.000	EUR	
90.	2610K	T-Systems Luxembourg S.A., Münsbach	1.226.	99,98%		1.500.000	EUR	
91.	0018K	T-Systems Network Services Japan K.K., Tokio	1.226.	100,00%		10.035.000	JPY	
92.	2622K	T-Systems Public Network Services GmbH, Berlin	1.226.	100,00%		25.000	EUR	
93.	2812K	T-Systems TMT Limited, Milton Keynes	1.228.	100,00%		500.000	GBP	
94.	2596K	T-Systems, informacijski sistemi, d.o.o., Ljubljana	1.226.	100,00%		8.763	EUR	
95.	0667K	TAMBURO Telekommunikationsdienste GmbH, Bonn			100,00%	25.000	EUR	
96.	2598K	TOB T-Systems Ukraine i. L., Kiev	2.81.	0,10%		35.000	UAH	
96.	2598K	TOB T-Systems Ukraine i. L., Kiev	1.226.	99,90%		35.000	UAH	
97.	1433K	Tau Telekommunikationsdienste GmbH, Bonn	1.254.	100,00%		25.000	EUR	
98.	1463K	The Digitale GmbH, Bonn	1.256.	100,00%		25.000	EUR	
99.	1372K	Theta Telekommunikationsdienste GmbH, Bonn			100,00%	25.000	EUR	
100.	1450K	Thor Telekommunikationsdienste GmbH, Bonn	1.254.	100,00%		25.000	EUR	
101.	1362K	Tibull Telekommunikationsdienste GmbH, Bonn			100,00%	25.000	EUR	

Summary of share property according to § 313 No. 2 HGB, consolidated financial statements
of Deutsche Telekom AG at date December 31, 2018

Seq. No.	Ges.Nr.	Name and place of Business	via	indirect	direct	Total nominal value	Currency	Remark
102.	1437K	Trust2Core GmbH, Berlin	1.256.	100,00%		25.000	EUR	
103.	1471K	Vesta Telekommunikationsdienste GmbH, Bonn	1.256.	100,00%		25.000	EUR	
104.	1472K	Vulcanus Telekommunikationsdienste GmbH, Bonn	1.256.	100,00%		25.000	EUR	
105.	1478K	bodyconcept GmbH, Bonn	1.256.	100,00%		100.001	EUR	
106.	1455K	emetriq GmbH, Bonn	1.254.	100,00%		100.000	EUR	
107.	6144K	goingsoft Deutschland GmbH, Schrobenhausen	2.45.	100,00%		150.000	EUR	
108.	2803K	operational services Beteiligungs-GmbH, Frankfurt am Main	1.272.	100,00%		25.000	EUR	
3.a Included associated companies ('at equity' balanced) – Joint venture								
1.	6009K	E2 Hungary Energiakereskedelmi es Szolgaltato Zrt., Budapest	1.118.	50,00%		200.000.000	HUF	
2.	1254K	HMM Deutschland GmbH, Moers			38,46%	197.758	EUR	
2.	1254K	HMM Deutschland GmbH, Moers	1.72.	10,97%		197.758	EUR	
3.	0790K	JP Hrvatske telekomunikacije d.d. Mostar, Mostar	1.87.	39,10%		315.863.250	BAM	
4.	0556K	NetWorkS! Sp.z.o.o., Warschau	1.207.	50,00%		30.000.000	PLN	
5.	0784K	Toll Collect GbR, Berlin			45,00%	0	EUR	3.)
6.	2914K	XCI JV, LLC, Wilmington, DE	1.215.	25,00%		5.075.000	USD	
3.b Included associated companies ('at equity' balanced) – Associated companies								
1.	0332K	CTDI GmbH, Malsch (Kreis Karlsruhe)	1.254.	15,50%		4.016.393	EUR	
2.	0100K	DETECON AL SAUDIA Co. Ltd., Riyadh	1.34.	46,50%		4.000.000	SAR	
3.	6133K	Enio GmbH, Wien	1.21.	34,11%		45.150	EUR	
4.	0770K	Hrvatska posta d.o.o., Mostar	1.87.	30,29%		26.335.069	BAM	
5.	1482K	Közbringa Kft., Budapest	1.229.	25,00%		20.000.000	HUF	
6.	1485K	Scout Lux Management Equity Co S.à.r.l., Luxemburg			30,00%	12.500	EUR	
7.	6113K	Ströer SE & Co. KGaA, Köln			11,42%	56.171.871	EUR	
8.	2903K	T-Mobile USA Tower LLC, Wilmington, DE	1.215.	100,00%		1	USD	
9.	2902K	T-Mobile West Tower LLC, Wilmington, DE	1.216.	100,00%		1	USD	
4.a Other investments – not included joint venture								
1.	1429K	BUYIN S.A., Brüssel			50,00%	123.000	EUR	
2.	0058K	Electrocycling Anlagen GmbH, Goslar	1.254.	25,00%		9.000.000	DEM	
3.	1428K	MNP Deutschland GbR, Düsseldorf	1.254.	33,33%		0	EUR	3.)
4.	1582K	Mobile Telephony Companies Association, Maroussi, Athen	1.10.	33,33%		5.000.699	EUR	
5.	6050K	tooz technologies Inc., New York	1.256.	50,00%		50.000	USD	
4.b Other investments – not included associated companies								
1.	6051K	Ince GmbH, Köln	1.256.	25,00%		250.000	EUR	
2.	0680K	Callahan Nordrhein-Westfalen GmbH, Köln	1.264.	45,00%		2.595.000	EUR	
3.	6138K	Cellwize Wireless Technologies Pte. Ltd., Singapore	1.27.	31,01%		22.000	USD	
4.	1519K	Central Georgian Communications Co. Ltd., Roustavi	1.145.	25,00%		280.000	GEL	
5.	1613K	Clipkit GmbH, Berlin	1.72.	35,63%		122.641	EUR	
6.	0549K	Devas Multimedia Private Limited, Bangalore	2.23.	20,73%		177.313	INR	
7.	1517K	Donbass Telecom Ltd., Donetsk	1.145.	49,00%		342.700	UAH	
8.	0057K	Electrocycling GmbH, Goslar	1.254.	25,50%		1.500.000	EUR	
9.	7564K	HWW - Höchstleistungsrechner für Wissenschaft und Wirtschaft GmbH, Stuttgart	1.226.	20,00%		50.000	EUR	
9.	7564K	HWW - Höchstleistungsrechner für Wissenschaft und Wirtschaft GmbH, Stuttgart	1.242.	20,00%		50.000	EUR	
10.	6125K	Kepler Data Tech, S.L., Madrid	1.40.	33,33%		210.000	EUR	
11.	6042K	LeanIX GmbH, Bonn	1.43.	21,87%		59.573	EUR	
12.	1273K	MGRID B.V., Amsterdam	1.72.	21,05%		22.800	EUR	
13.	1267K	Pie Digital, Inc., Newark, NJ	1.72.	49,99%		57	USD	
14.	1274K	Portavita B.V., Amsterdam	1.72.	21,05%		22.800	EUR	
15.	2947K	SL3TV, LLC, Bellevue, WA	1.114.	49,00%		200.000	USD	
16.	6030K	SYFIT GmbH, Aalen	1.256.	33,33%		37.500	EUR	
17.	1632K	Smarmets Ltd., London	1.72.	24,47%		13.318	GBP	
18.	6127K	Spearhead AG, Zollikon	1.256.	20,00%		250.000	CHF	
19.	1588K	TELEGNOUS - Provider of solvency Assessment Information in the Telecommunications Sector - Private Company, Athen	1.10.	25,00%		4.000	EUR	
20.	1489K	Tehnoloski centar Split d.o.o., Split	1.87.	29,76%		3.900.000	HRK	
21.	1522K	Trans Jordan For Communication Services Company Ltd., Amman	1.85.	40,00%		3.500.000	JOD	
21.	1522K	Trans Jordan For Communication Services Company Ltd., Amman	1.145.	10,00%		3.500.000	JOD	
22.	1521K	Yemen Public Payphone Company Ltd., Sana'a	1.85.	10,00%		2.960.000	USD	
22.	1521K	Yemen Public Payphone Company Ltd., Sana'a	1.145.	15,00%		2.960.000	USD	
23.	1692K	eValue 2nd Fund GmbH, Berlin	1.43.	33,33%		25.000	EUR	
24.	0681K	iesy Holdings GmbH, Oberursel (Taunus)	1.264.	35,00%		1.000.000	EUR	
25.	1693K	Stratospheric Platforms Limited, Douglas, Großbritannien	2.74.	31,04%		151	GBP	
4.c Other Investments								
1.	6102K	Deutsche Telekom Capital Partners Executive Pool GmbH & Co. KG, Hamburg	1.38.			400	EUR	3.)
5. Investments in other companies								
1.	1401K	BT Group plc, London	2.078.	12,00%		498.406.384	GBP	2.)

SPE = Special Purpose Entity

SPE 1.	5011	YASMINA Verwaltungsgesellschaft mbH & Co. Vermietungs KG, Magdeburg, Deutschland			---	---	EUR	
SPE 2.	5012	BENGUELA Verwaltungsgesellschaft mbH & Co. Vermietungs KG, Magdeburg, Deutschland			---	---	EUR	
SPE 3.	5013	MITHRAS Verwaltungsgesellschaft mbH & Co. Vermietungs KG, Magdeburg, Deutschland			---	---	EUR	
SPE 4.	5014	MODESTUS Verwaltungsgesellschaft mbH & Co. Vermietungs KG, Magdeburg, Deutschland			---	---	EUR	
SPE 5.	5015	DAPHNE Verwaltungsgesellschaft mbH & Co. Vermietungs KG, Magdeburg, Deutschland			---	---	EUR	

Summary of share property according to § 313 No. 2 HGB, consolidated financial statements
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Seq. No.	Ges.Nr.	Name and place of Business	via	indirect	direct	Total nominal value	Currency	Remark
SPE 6.	5016	DESIDERIA Verwaltungsgesellschaft mbH & Co. Vermietungs KG, Magdeburg, Deutschland			---		---	EUR

1.) The company has exercised the disclosures simplification option according to § 264 (3) HGB or § 264b HGB, and in application of § 264 (3) HGB losses are absorbed in accordance with § 302 AktG (Stock Corporation Act).

2.) Shareholders' equity in Tsd. GBP 10.304.000 and Profit/Loss in Tsd. GBP 2.032.000 in accordance with the IFRS financial statement as per March 31, 2018.

3.) Deutsche Telekom AG or another company included in the consolidated financial statements is a fully liable partner.

4.) The Company is held for sale.