



Open eir¹ Commercial Interconnection Services Price List (CISPL)

¹ open eir is a trading name of eircom limited, Registered as a Branch in Ireland Number 907674, Incorporated in Jersey Number 116389, Branch Address : 1 Heuston South Quarter, **St. John's Road, Dublin 8**

Version Control

Version	Status	Update	Effective Date
V2.0	Final	This document is based on V1.100 Implementation of Standardised Change Control.	30/06/2017
V3.0	Final	International Rate Change	01/07/2017
V4.0	Final	International Rate Change	01/08/2017
V5.0	Final	International Rate Change	01/09/2017
V6.0	Final	International Rate Change	01/10/2017
V7.0	Final	International Rate Change	01/11/2017
V8.0	Final	International Rate Change	01/12/2017
V9.0	Final	International Rate Change	01/01/2018
V10.0	Final	International Rate Change	01/02/2018
V11.0	Final	International Rate Change	01/03/2018
V12.0	Final	International Rate Change	01/04/2018
V13.0	Final	International Rate Change	01/05/2018
V14.0	Final	International Rate Change	01/06/2018
V15.0	Final	International Rate Change	01/07/2018
V15.0	Final	New Transit fee to Premium Rate Services	01/08/2018
V16.0	Final	International Rate Change	01/08/2018
V17.0	Final	International Rate Change	01/09/2018
V18.0	Final	International Rate Change	01/10/2018
V19.0	Final	International Rate Change	01/11/2018
V20.0	Final	International Rate Change	01/12/2018
V21.0	Final	International Rate Change	01/01/2019
V22.0	Final	Standard national Transit fee change	01/03/2019

		New Transit fee to ECAS International Rate Change	
V23	Final	National Directory Enquiries fee change Special Directory Enquiries fee change International Directory Enquiries to be discontinued	01/04/2019
V24.0	Final	International Rate Change	01/03/2019
V25.0	Final	International Rate Change	01/04/2019
V26.0	Final	International Rate Change	01/05/2019
V27.0	Final	Urban WCA ² Bitstream Prices	01/07/2019
V28.0	Final	Urban WCA³ Bitstream Prices- Urban FTTC and FTTH prices added	01/07/2019

This document follows change control procedure:

Proposed is defined as a document status when the approved document is uploaded to Proposals Section of open eir Website.

Final is defined as a document status when the approved document is uploaded to the relevant section of the open eir Website following the publication period.

For information:

- Historical Document History Table located at end of Document.
- Publish means the action of uploading a document to the website regardless of status or location.
- **If there are changes to the document between ‘Proposed’ and ‘Final’, change control operates.**

² The list of exchanges defined by ComReg as Urban WCA is set out in Annex 11, paragraph 11.2 of ComReg 18/94.

³ [The list of exchanges defined by ComReg as Urban WCA is set out in Annex 11, paragraph 11.2 of ComReg 18/94.](#)

The open eir Commercial Interconnection Services Price List (CISPL) details rates applicable to those services commercially offered by open eir and delivered via the Interconnect in addition to the regulated offerings set out in the Reference Interconnect Offer

Prices are effective from the date indicated on this Price List. Where applicable, tables indicate the time frames for which a rate is valid **with 'effective from' and 'effective to' dates shown.**

The charges relevant to each service are listed in Euro or Euro cent. Traffic charging for each service shall be based on chargeable cumulative seconds for each Billing period rounded to the nearest minute plus per call charges unless otherwise stated.

Where rates are time of day graded, applicable time bands are defined below:

Peak Period: 8.00am – 6.00pm Weekdays

Off Peak: 6.00pm – 8.00am Weekdays

Weekend: Saturday, Sundays and Public Holidays

Operators will be notified when changes are made to the open eir Commercial Interconnection Services Price List (CISPL) published on open eir's **website**.

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open eir Commercial Interconnection Services Price List

COMMERCIAL
INTERCONNECTION

SERVICES

SCHEDULE

NUMBER

SERVICE

TITLE

001	eir National Directory Enquiries
002	eir International Directory Enquiries
003	International Access including Northern Ireland
004	eir Special Directory Enquiries
005	open eir National Transit
006	Urban WCA⁴ Bitstream Prices

⁴ The list of exchanges defined by ComReg as Urban WCA is set out in Annex 11, paragraph 11.2 of ComReg 18/94.

Commercial Interconnection Service Schedule 001 eir National Directory Enquires

Table 1 below details the applicable charges for eir National Directory Enquiries. These rates are quoted in Euro cent per driver unit.

Table 1									
eir National Directory Enquiries (Euro Cent)									
Service Description	Cent Per Minute			Cent Per Call			Effective from	Effective to	Status
	Peak	Off Peak	Weekend	Peak	Off Peak	Weekend			
Access to eir National Directory Enquiries	-	-	-	43.171095	43.171095	43.171095	01/02/2008	31/03/2008	Final
Access to eir National Directory Enquiries	-	-	-	64.25	64.25	64.25	01/04/2008	31/12/2008	Final
Access to eir National Directory Enquiries	-	-	-	71.32	71.32	71.32	01/01/2009	31/08/2009	Final
Access to eir National Directory Enquiries	18.576	18.576	18.576	69.09	69.09	69.09	01/09/2009	30/04/2010	Final
Access to eir National Directory Enquiries	38.34	38.34	38.34	76.20	76.20	76.20	01/05/2010	31/08/2010	Final
Access to eir National Directory Enquiries	54.26	54.26	54.26	76.75	76.75	76.75	01/09/2010	31/03/2011	Final
Access to eir National Directory Enquiries	78.8	78.8	78.8	76.75	76.75	76.75	01/04/2011	30/09/2012	Final
Access to eir National Directory Enquiries	78.8	78.8	78.8	122	122	122	01/10/2012	31/03/2014	Final
Access to eir National Directory Enquiries	102.63	102.63	102.63	162.22	162.22	162.22	01/04/2014	15/04/2015	Final
Access to eir National Directory Enquiries	146.34	146.34	146.34	212.17	212.17	212.17	16/04/2015	31/03/2017	Final
Access to eir National Directory Enquiries	209.5581	209.5581	209.5581	212.1749	212.1749	212.1749	01/04/2017	31/03/2019	Final
Access to eir National Directory Enquiries	233.9483	233.9483	233.9483	273.1505	273.1505	273.1505	01/04/2019		Final



Commercial Interconnection Service Schedule 002 eir International Directory Enquires

Table 1 below details the applicable charges for eir International Directory Enquiries. These rates are quoted in Euro cent per driver unit.

Table 1 eir International Directory Enquiries (Euro Cent)											
Service Description	Cent Per Minute			Cent Per Call			Call(incl 30 Secs) Charge	Subsequent minute Charge	Effective from	Effective to	Status
	Peak	Off Peak	Weekend	Peak	Off Peak	Weekend					
International Directory Enquiries	0	0	0	0	0	0	97.93	41.46	01/02/2008	31/03/2014	Final
Access to eir International Directory Enquiries	0	0	0	0	0	0	162.22	68.28	01/04/2015	31/03/2015	Final
Access to eir International Directory Enquiries	0	0	0	0	0	0	211.978	97.152	16/04/2015	31/03/2017	Final
Access to eir International Directory Enquiries	0	0	0	0	0	0	211.9779	139.3149	01/04/2017	31/03/2019	Final*

*Service will be discontinued from April 1st 2019

*Service will be discontinued from April 1st 2019



Commercial Interconnection Service Schedule 003 International Access including Northern Ireland

Table 1 below details the standard charges applicable for the open eir International Access including Northern Ireland. These rates are quoted in Euro per unit driver. Discounts to these standard charges are available to Operators where traffic volume commitments can be made. Please contact your open eir account manager for further details.

Table 1 - Access to open eir International					
	Euro				
	Euro	Euro	Euro		
Aeromobile - Satellite	8.5865	8.5865	8.5865	20190501	Final
Afghanistan	0.2310	0.2310	0.2310	20190501	Final
Afghanistan mobile	0.2077	0.2077	0.2077	20190501	Final
Alaska	0.0423	0.0423	0.0423	20190501	Final
Albania	0.1665	0.1665	0.1665	20190501	Final
Albania Mobile	0.4427	0.4427	0.4427	20190501	Final
Albania - Personal Services	0.4570	0.4570	0.4570	20190501	Final
Algeria	0.0744	0.0744	0.0744	20190501	Final
Algeria - Orascom Mobile	0.9186	0.9186	0.9186	20190501	Final
Algeria - Wataniya Mobile	0.6929	0.6929	0.6929	20190501	Final
Algeria Mobile	0.6042	0.6042	0.6042	20190501	Final
Andorra	0.0306	0.0306	0.0306	20190501	Final
Andorra Mobile	0.2220	0.2220	0.2220	20190501	Final
Angola	0.0549	0.0549	0.0549	20190501	Final
Angola Mobile	0.3244	0.3244	0.3244	20190501	Final
Anguilla	0.2591	0.2591	0.2591	20190501	Final
Anguilla - Digicell Mobile	0.2769	0.2769	0.2769	20190501	Final
Anguilla - Other Mobile	0.3028	0.3028	0.3028	20190501	Final
Antartica	1.6965	1.6965	1.6965	20190501	Final
Antigua	0.2574	0.2574	0.2574	20190501	Final
Antigua - Digicell Mobile	0.2802	0.2802	0.2802	20190501	Final
Antigua - Other Mobile	0.2802	0.2802	0.2802	20190501	Final
Argentina	0.0185	0.0185	0.0185	20190501	Final
Argentina Mobile	0.2155	0.2155	0.2155	20190501	Final
Armenia	0.1508	0.1508	0.1508	20190501	Final
Armenia Mobile	0.1524	0.1524	0.1524	20190501	Final
Aruba	0.2569	0.2569	0.2569	20190501	Final
Aruba - Digicell Mobile	0.2258	0.2258	0.2258	20190501	Final
Aruba - Other Mobile	0.2555	0.2555	0.2555	20190501	Final
Ascension	1.9058	1.9058	1.9058	20190501	Final
Australia	0.0161	0.0161	0.0161	20190501	Final
Australia - Globalstar Mobile	3.2625	3.2625	3.2625	20190501	Final
Australia - Hutchison Mobile	0.0291	0.0291	0.0291	20190501	Final
Australia - Local	0.0225	0.0225	0.0225	20190501	Final
Australia - Metro	0.0161	0.0161	0.0161	20190501	Final
Australia - Non-Geo Special Services	2.2018	2.2018	2.2018	20190501	Final
Australia - Optus Mobile	0.0276	0.0276	0.0276	20190501	Final
Australia - Optus Mobilesat	2.5749	2.5749	2.5749	20190501	Final
Australia - Studadmin Mobile	0.0550	0.0550	0.0550	20190501	Final
Australia - Sydney	0.0155	0.0155	0.0155	20190501	Final
Australia - Telstra Mobile	0.0281	0.0281	0.0281	20190501	Final
Australia - Telstra Satellite Mobile	1.1991	1.1991	1.1991	20190501	Final
Australia - Vodafone Mobile	0.0293	0.0293	0.0293	20190501	Final
Australia - Rail Corporation Mobile	2.4967	2.4967	2.4967	20190501	Final
Australia - Lycamobile Mobile	0.0308	0.0308	0.0308	20190501	Final
Australia - Other Mobile	2.4967	2.4967	2.4967	20190501	Final
Austria	0.1270	0.1270	0.1270	20190501	Final
Austria - A1 Mobile	0.2796	0.2796	0.2796	20190501	Final
Austria - Hutchison 3 Mobile	0.2796	0.2796	0.2796	20190501	Final
Austria Other Mobile	0.2796	0.2796	0.2796	20190501	Final
Austria -T-Mobile	0.2796	0.2796	0.2796	20190501	Final
Austria Mobile Orange	0.0190	0.0190	0.0190	20190501	Final
Austria-Premium	0.2475	0.2475	0.2475	20190501	Final
Austria - M2M TMA Mobile	0.0260	0.0260	0.0260	20190501	Final
Austria -T2-Mobile	0.0423	0.0423	0.0423	20190501	Final



	Euro	Euro	Euro		
Azerbaijan	0.2300	0.2300	0.2300	20190501	Final
Azerbaijan Mobile	0.3426	0.3426	0.3426	20190501	Final
Bahamas	0.1305	0.1305	0.1305	20190501	Final
Bahamas Mobile	0.2007	0.2007	0.2007	20190501	Final
Bahrain	0.1271	0.1271	0.1271	20190501	Final
Bahrain Mobile	0.1304	0.1304	0.1304	20190501	Final
Bangladesh	0.0411	0.0411	0.0411	20190501	Final
Bangladesh - Chittagong Region	0.0377	0.0377	0.0377	20190501	Final
Bangladesh - Dhaka Region	0.0428	0.0428	0.0428	20190501	Final
Bangladesh - Sylhet Region	0.0348	0.0348	0.0348	20190501	Final
Bangladesh Mobile	0.0371	0.0371	0.0371	20190501	Final
Barbados	0.2276	0.2276	0.2276	20190501	Final
Barbados - Digicell Wireless Broadband Fixed	0.1123	0.1123	0.1123	20190501	Final
Barbados - Digicell Mobile	0.2425	0.2425	0.2425	20190501	Final
Barbados - Other Mobile	0.2737	0.2737	0.2737	20190501	Final
Belarus (Byelorussia)	0.4271	0.4271	0.4271	20190501	Final
Belarus (Byelorussia) Mobile	0.4271	0.4271	0.4271	20190501	Final
Belgium	0.0936	0.0936	0.0936	20190501	Final
Belgium - Base mobile	0.4498	0.4498	0.4498	20190501	Final
BELGIUM TELNET MOBILE	0.4498	0.4498	0.4498	20190501	Final
BELGIUM MOBILE MOBISTAR	0.4498	0.4498	0.4498	20190501	Final
Belgium - Proximus mobile	0.0936	0.0936	0.0936	20190501	Final
Belgium - Special Services	0.2074	0.2074	0.2074	20190501	Final
BELGIUM MOBILE OTHER	0.4498	0.4498	0.4498	20190501	Final
Belize	0.2378	0.2378	0.2378	20190501	Final
Belize Mobile	0.2378	0.2378	0.2378	20190501	Final
Benin	0.4228	0.4228	0.4228	20190501	Final
Benin Mobile	0.3757	0.3757	0.3757	20190501	Final
Bermuda	0.0386	0.0386	0.0386	20190501	Final
Bermuda Mobile	0.0376	0.0376	0.0376	20190501	Final
Bhutan	0.0628	0.0628	0.0628	20190501	Final
Bhutan mobile	0.0627	0.0627	0.0627	20190501	Final
Bolivia	0.1078	0.1078	0.1078	20190501	Final
Bolivia Mobile	0.1858	0.1858	0.1858	20190501	Final
Bosnia & Herzegovina	0.1655	0.1655	0.1655	20190501	Final
Bosnia & Herzegovina Mobile	0.3480	0.3480	0.3480	20190501	Final
Botswana	0.1556	0.1556	0.1556	20190501	Final
Botswana Mobile	0.2248	0.2248	0.2248	20190501	Final
Brazil	0.0364	0.0364	0.0364	20190501	Final
Brazil Mobile	0.0676	0.0676	0.0676	20190501	Final
British Virgin Islands	0.2358	0.2358	0.2358	20190501	Final
British Virgin Islands - Digicell Mobile	0.2765	0.2765	0.2765	20190501	Final
British Virgin Islands - Other Mobile	0.2480	0.2480	0.2480	20190501	Final
Brunei Darussalam	0.0359	0.0359	0.0359	20190501	Final
Brunei Darussalam Mobile	0.0315	0.0315	0.0315	20190501	Final
Bulgaria	0.0868	0.0868	0.0868	20190501	Final
Bulgaria - BTC Mobile	0.0319	0.0319	0.0319	20190501	Final
Bulgaria - Globul Mobile	0.3814	0.3814	0.3814	20190501	Final
Bulgaria - Mobicom Mobile	0.0247	0.0247	0.0247	20190501	Final
Bulgaria - Mobitel Mobile	0.3814	0.3814	0.3814	20190501	Final
Bulgaria - Other Mobile	0.3814	0.3814	0.3814	20190501	Final
Bulgaria - Mobitel 2 Mobile	0.0247	0.0247	0.0247	20190501	Final
Burkina Faso	0.4172	0.4172	0.4172	20190501	Final
Burkina Faso Mobile	0.4183	0.4183	0.4183	20190501	Final
Burundi	0.5914	0.5914	0.5914	20190501	Final



	Euro	Euro	Euro		
Burundi Mobile	0.6157	0.6157	0.6157	20190501	Final
Cambodia	0.0698	0.0698	0.0698	20190501	Final
Cambodia Mobile	0.0686	0.0686	0.0686	20190501	Final
Cameroon	0.1171	0.1171	0.1171	20190501	Final
Cameroon - MTN Mobile	0.3788	0.3788	0.3788	20190501	Final
Cameroon - Orange Mobile	0.4203	0.4203	0.4203	20190501	Final
Cameroon - Special Services	0.3294	0.3294	0.3294	20190501	Final
Canada	0.0124	0.0124	0.0124	20190501	Final
Canada - Yukon	0.2921	0.2921	0.2921	20190501	Final
Cape Verde	0.2201	0.2201	0.2201	20190501	Final
Cape Verde Mobile	0.3050	0.3050	0.3050	20190501	Final
Cayman Island - Digicell Mobile	0.2158	0.2158	0.2158	20190501	Final
Cayman Island - Other Mobile	0.1869	0.1869	0.1869	20190501	Final
Cayman Islands	0.1869	0.1869	0.1869	20190501	Final
Cayman Islands - Digicell Fixed	0.2765	0.2765	0.2765	20190501	Final
Central African Mobile	1.0136	1.0136	1.0136	20190501	Final
Central African Republic	1.0136	1.0136	1.0136	20190501	Final
Central African - Space Mobile	1.3714	1.3714	1.3714	20190501	Final
Chad	0.8615	0.8615	0.8615	20190501	Final
Chad Mobile	0.6442	0.6442	0.6442	20190501	Final
Chile	0.0277	0.0277	0.0277	20190501	Final
Chile Audiotext	1.1135	1.1135	1.1135	20190501	Final
Chile Mobile	0.0519	0.0519	0.0519	20190501	Final
China Peoples Republic	0.1379	0.1379	0.1379	20190501	Final
China Peoples Republic Mobile	0.1379	0.1379	0.1379	20190501	Final
Christmas Island	1.3281	1.3281	1.3281	20190501	Final
Cocos Island	1.4508	1.4508	1.4508	20190501	Final
Colombia	0.0381	0.0381	0.0381	20190501	Final
Colombia Mobile	0.0371	0.0371	0.0371	20190501	Final
Comoros	0.6300	0.6300	0.6300	20190501	Final
Comoros mobile	0.5097	0.5097	0.5097	20190501	Final
Congo	0.4850	0.4850	0.4850	20190501	Final
Congo Mobile	0.4856	0.4856	0.4856	20190501	Final
Cook Islands	1.7138	1.7138	1.7138	20190501	Final
Cook Islands Mobile	0.8226	0.8226	0.8226	20190501	Final
Costa Rica	0.0254	0.0254	0.0254	20190501	Final
Costa Rica Mobile	0.0567	0.0567	0.0567	20190501	Final
Croatia	0.1645	0.1645	0.1645	20190501	Final
Croatia - Vipnet Mobile	0.4641	0.4641	0.4641	20190501	Final
Croatia Mobile	0.4641	0.4641	0.4641	20190501	Final
Cuba	0.8286	0.8286	0.8286	20190501	Final
Cuba Mobile	0.7101	0.7101	0.7101	20190501	Final
Cyprus	0.0735	0.0735	0.0735	20190501	Final
Cyprus - Special Services	0.1277	0.1277	0.1277	20190501	Final
Cyprus - MTN Mobile	0.0936	0.0936	0.0936	20190501	Final
Cyprus - CYTA Mobile	0.0936	0.0936	0.0936	20190501	Final
Cyprus - Primetel Mobile	0.1123	0.1123	0.1123	20190501	Final
Czech Republic	0.0286	0.0286	0.0286	20190501	Final
Czech Republic - Paging Mobile	0.0740	0.0740	0.0740	20190501	Final
Czech Republic Mobile	0.0849	0.0849	0.0849	20190501	Final
Democratic Republic of Congo	0.5138	0.5138	0.5138	20190501	Final
Democratic Republic of Congo - Satellite Mobile	0.9165	0.9165	0.9165	20190501	Final
Democratic Republic of Congo Mobile	0.4603	0.4603	0.4603	20190501	Final
Denmark	0.0172	0.0172	0.0172	20190501	Final
Denmark - Barbalu Mobile	0.4615	0.4615	0.4615	20190501	Final



	Euro	Euro	Euro		
Denmark - H3G Mobile	0.0155	0.0155	0.0155	20190501	Final
Denmark - Telenor Mobile	0.0192	0.0192	0.0192	20190501	Final
Denmark - TDC Mobile	0.0192	0.0192	0.0192	20190501	Final
Denmark - Telia Mobile	0.0192	0.0192	0.0192	20190501	Final
Denmark - Lycamobile Mobile	0.0196	0.0196	0.0196	20190501	Final
Denmark-Others Mobile	0.0196	0.0196	0.0196	20190501	Final
Diego Garcia	2.2003	2.2003	2.2003	20190501	Final
Djibouti	0.3796	0.3796	0.3796	20190501	Final
Djibouti Mobile	0.3156	0.3156	0.3156	20190501	Final
Dominica	0.2604	0.2604	0.2604	20190501	Final
Dominica Island - Digicell Mobile	0.2656	0.2656	0.2656	20190501	Final
Dominica Island - Other Mobile	0.2713	0.2713	0.2713	20190501	Final
Dominican Republic	0.1221	0.1221	0.1221	20190501	Final
Dominican Republic Mobile	0.1221	0.1221	0.1221	20190501	Final
East Timor	0.6848	0.6848	0.6848	20190501	Final
East Timor mobile	0.6848	0.6848	0.6848	20190501	Final
Ecuador	0.1370	0.1370	0.1370	20190501	Final
Ecuador Mobile	0.2270	0.2270	0.2270	20190501	Final
Egypt	0.1057	0.1057	0.1057	20190501	Final
Egypt - Other Mobile	0.1188	0.1188	0.1188	20190501	Final
Egypt - Special Services	0.1247	0.1247	0.1247	20190501	Final
Egypt - Vodafone Mobile	0.1381	0.1381	0.1381	20190501	Final
Egypt - Etisalat Mobile	0.1585	0.1585	0.1585	20190501	Final
Egypt - Mobilnil Mobile	0.1403	0.1403	0.1403	20190501	Final
El Salvador	0.1104	0.1104	0.1104	20190501	Final
El Salvador - Digicell Fixed	0.1469	0.1469	0.1469	20190501	Final
El Salvador - Digicell Mobile	0.1399	0.1399	0.1399	20190501	Final
El Salvador - Other Mobile	0.1767	0.1767	0.1767	20190501	Final
Emsat	5.3717	5.3717	5.3717	20190501	Final
Equatorial Guinea	0.5342	0.5342	0.5342	20190501	Final
Equatorial Guinea Mobile	0.5356	0.5356	0.5356	20190501	Final
Eritrea	0.2711	0.2711	0.2711	20190501	Final
Estonia	0.0152	0.0152	0.0152	20190501	Final
Estonia - Elisa Mobile	0.3926	0.3926	0.3926	20190501	Final
Estonia - EMT Mobile	0.3926	0.3926	0.3926	20190501	Final
Estonia - Other Mobile	0.3926	0.3926	0.3926	20190501	Final
Estonia - Top Connect Mobile	1.2935	1.2935	1.2935	20190501	Final
Estonia - Tele2 Mobile	0.3926	0.3926	0.3926	20190501	Final
Ethiopia	0.2656	0.2656	0.2656	20190501	Final
Ethiopia Mobile	0.2656	0.2656	0.2656	20190501	Final
Falkland Islands	1.9559	1.9559	1.9559	20190501	Final
Falkland Islands Mobile	1.9482	1.9482	1.9482	20190501	Final
Faroe Islands	0.0534	0.0534	0.0534	20190501	Final
Faroe Islands mobile	0.1204	0.1204	0.1204	20190501	Final
Fiji	0.3145	0.3145	0.3145	20190501	Final
Fiji Mobile	0.3145	0.3145	0.3145	20190501	Final
Finland	0.4169	0.4169	0.4169	20190501	Final
Finland - Aaland Mobile	2.6065	2.6065	2.6065	20190501	Final
Finland - Corporate	0.4169	0.4169	0.4169	20190501	Final
Finland - Elisa Mobile	0.3836	0.3836	0.3836	20190501	Final
Finland - Helsinki	0.3875	0.3875	0.3875	20190501	Final
Finland - Non Geo	0.4169	0.4169	0.4169	20190501	Final
Finland - Other Mobile	0.3836	0.3836	0.3836	20190501	Final
Finland - Sonera Mobile	0.3836	0.3836	0.3836	20190501	Final
Finland - TDC Mobile	0.0277	0.0277	0.0277	20190501	Final



	Euro	Euro	Euro		
Finland - DNA Mobile	0.3658	0.3658	0.3658	20190501	Final
France	0.0139	0.0139	0.0139	20190501	Final
France - Fixed OLO	0.0098	0.0098	0.0098	20190501	Final
France - Non Geo	0.0139	0.0139	0.0139	20190501	Final
France - Value Added Service	0.3315	0.3315	0.3315	20190501	Final
France - Bouygues Mobile	0.0668	0.0668	0.0668	20190501	Final
France - Globalstar Satellite	0.3714	0.3714	0.3714	20190501	Final
France - Orange Mobile	0.0668	0.0668	0.0668	20190501	Final
France - Other Mobile	0.0668	0.0668	0.0668	20190501	Final
France - Paris City	0.0147	0.0147	0.0147	20190501	Final
France - SFR Mobile	0.0668	0.0668	0.0668	20190501	Final
FRANCE MOBILE FREE	0.0668	0.0668	0.0668	20190501	Final
French Guiana	0.0165	0.0165	0.0165	20190501	Final
French Guiana - Digicell Mobile	0.1009	0.1009	0.1009	20190501	Final
French Guiana - Other Mobile	0.1009	0.1009	0.1009	20190501	Final
French Polynesia	0.3172	0.3172	0.3172	20190501	Final
French Polynesia Mobile	0.3172	0.3172	0.3172	20190501	Final
Gabon	0.4542	0.4542	0.4542	20190501	Final
Gabon Mobile	0.4473	0.4473	0.4473	20190501	Final
Gambia	0.9395	0.9395	0.9395	20190501	Final
Gambia Mobile	0.7749	0.7749	0.7749	20190501	Final
Georgia	0.2236	0.2236	0.2236	20190501	Final
Georgia Mobile	0.3253	0.3253	0.3253	20190501	Final
Germany	0.0086	0.0086	0.0086	20190501	Final
Germany - Callax Mobile	0.0325	0.0325	0.0325	20190501	Final
Germany - Civil Services Mobile	0.0195	0.0195	0.0195	20190501	Final
Germany - E Plus mobile	0.0213	0.0213	0.0213	20190501	Final
Germany - Integrated Comms Mobile	0.0195	0.0195	0.0195	20190501	Final
Germany - O2 mobile	0.0195	0.0195	0.0195	20190501	Final
Germany - Other German mobiles	0.0208	0.0208	0.0208	20190501	Final
Germany - Personal numbering mobile	0.0091	0.0091	0.0091	20190501	Final
Germany - T-Mobile	0.0195	0.0195	0.0195	20190501	Final
Germany - Vistream Mobile	0.2976	0.2976	0.2976	20190501	Final
Germany - Vodafone mobile	0.0195	0.0195	0.0195	20190501	Final
Germany International VPN	0.0298	0.0298	0.0298	20190501	Final
Germany Service Provider	0.0091	0.0091	0.0091	20190501	Final
Germany Shared Cost Services	0.0099	0.0099	0.0099	20190501	Final
Germany VoIP	0.1816	0.1816	0.1816	20190501	Final
Ghana	0.2545	0.2545	0.2545	20190501	Final
Ghana Mobile	0.2792	0.2792	0.2792	20190501	Final
Gibraltar	0.0346	0.0346	0.0346	20190501	Final
Gibraltar Mobile	0.1338	0.1338	0.1338	20190501	Final
Globalstar - Satellite	5.0240	5.0240	5.0240	20190501	Final
Greece	0.0407	0.0407	0.0407	20190501	Final
Greece - Cosmote Mobile	0.0855	0.0855	0.0855	20190501	Final
Greece - Vodafone Mobile	0.0855	0.0855	0.0855	20190501	Final
Greece - Wind Mobile	0.0855	0.0855	0.0855	20190501	Final
Greenland	0.4498	0.4498	0.4498	20190501	Final
Greenland Mobile	0.0594	0.0594	0.0594	20190501	Final
Grenada	0.2298	0.2298	0.2298	20190501	Final
Grenada - Digicell Mobile	0.2773	0.2773	0.2773	20190501	Final
Grenada - Other Mobile	0.2733	0.2733	0.2733	20190501	Final
Guadeloupe	0.2574	0.2574	0.2574	20190501	Final
Guadeloupe - Digicell Mobile	0.2574	0.2574	0.2574	20190501	Final
Guadeloupe - Other Mobile	0.2574	0.2574	0.2574	20190501	Final



	Euro	Euro	Euro		
Guam	0.0242	0.0242	0.0242	20190501	Final
Guatemala	0.1619	0.1619	0.1619	20190501	Final
Guatemala Mobile	0.1411	0.1411	0.1411	20190501	Final
Guinea	0.5327	0.5327	0.5327	20190501	Final
Guinea Mobile	0.4311	0.4311	0.4311	20190501	Final
Guinea-Bissau	0.6284	0.6284	0.6284	20190501	Final
Guinea-Bissau - Mobile	0.5403	0.5403	0.5403	20190501	Final
Guyana	0.2930	0.2930	0.2930	20190501	Final
Guyana - Digicell Mobile	0.1269	0.1269	0.1269	20190501	Final
Guyana - Other Mobile	0.3000	0.3000	0.3000	20190501	Final
Haiti	0.3457	0.3457	0.3457	20190501	Final
Haiti - Digicell Mobile	0.6709	0.6709	0.6709	20190501	Final
Haiti - Other Mobile	0.3387	0.3387	0.3387	20190501	Final
Hawaii	0.0293	0.0293	0.0293	20190501	Final
Honduras	0.1321	0.1321	0.1321	20190501	Final
Honduras - Digicell Mobile	0.1776	0.1776	0.1776	20190501	Final
Honduras - Other Mobile	0.1316	0.1316	0.1316	20190501	Final
Hong Kong	0.0274	0.0274	0.0274	20190501	Final
Hong Kong Mobile	0.0282	0.0282	0.0282	20190501	Final
Hungary	0.0588	0.0588	0.0588	20190501	Final
Hungary - Budapest City	0.0514	0.0514	0.0514	20190501	Final
Hungary - Other Mobile	0.0787	0.0787	0.0787	20190501	Final
Hungary - Telenor Mobile	0.0668	0.0668	0.0668	20190501	Final
Hungary - T-Mobile	0.0467	0.0467	0.0467	20190501	Final
Hungary - Vodafone Mobile	0.0788	0.0788	0.0788	20190501	Final
Iceland	0.0192	0.0192	0.0192	20190501	Final
Iceland Mobile	0.0267	0.0267	0.0267	20190501	Final
India	0.0269	0.0269	0.0269	20190501	Final
India - BSNL Mobile	0.0166	0.0166	0.0166	20190501	Final
India cities	0.0326	0.0326	0.0326	20190501	Final
India Mobile	0.0166	0.0166	0.0166	20190501	Final
Indonesia	0.0308	0.0308	0.0308	20190501	Final
Indonesia - Jakarta	0.0308	0.0308	0.0308	20190501	Final
Indonesia Mobile	0.0449	0.0449	0.0449	20190501	Final
Inmarsat A	5.9463	5.9463	5.9463	20190501	Final
Inmarsat B	6.0165	6.0165	6.0165	20190501	Final
Inmarsat B Gan Hsd	5.6663	5.6663	5.6663	20190501	Final
Inmarsat B HSD	6.7972	6.7972	6.7972	20190501	Final
Inmarsat M	1.7536	1.7536	1.7536	20190501	Final
Inmarsat Mini M	2.5321	2.5321	2.5321	20190501	Final
Inmarsat-Gan Hsd	6.8710	6.8710	6.8710	20190501	Final
Inmarsat B Gan	4.6493	4.6493	4.6493	20190501	Final
Iran	0.2100	0.2100	0.2100	20190501	Final
Iran Mobile	0.2100	0.2100	0.2100	20190501	Final
Iraq	0.1134	0.1134	0.1134	20190501	Final
Iraqi Mobile	0.1403	0.1403	0.1403	20190501	Final
Iridium 8816	5.6389	5.6389	5.6389	20190501	Final
Iridium 8817	5.4828	5.4828	5.4828	20190501	Final
Israel	0.0096	0.0096	0.0096	20190501	Final
Israel Mobile	0.0242	0.0242	0.0242	20190501	Final
Israel/Palestine	0.1615	0.1615	0.1615	20190501	Final
Israel/Palestine Mobile	0.2266	0.2266	0.2266	20190501	Final
Italy	0.0086	0.0086	0.0086	20190501	Final
Italy - Elascocom mobile	0.3354	0.3354	0.3354	20190501	Final
Italy - H3G mobile	0.2925	0.2925	0.2925	20190501	Final



	Euro	Euro	Euro		
Italy - Mobile ITA	0.2764	0.2764	0.2764	20190501	Final
Italy - Italian railway mobile	0.1019	0.1019	0.1019	20190501	Final
Italy Vodafone mobile	0.2925	0.2925	0.2925	20190501	Final
Italy - TIM mobile	0.2925	0.2925	0.2925	20190501	Final
Italy - Wind mobile	0.2677	0.2677	0.2677	20190501	Final
Italy - Personal Services	0.3478	0.3478	0.3478	20190501	Final
Italy - Other Mobile	0.2513	0.2513	0.2513	20190501	Final
Ivory Coast	0.3931	0.3931	0.3931	20190501	Final
Ivory Coast Mobile	0.3578	0.3578	0.3578	20190501	Final
Ivory Coast - Personal Services	0.3283	0.3283	0.3283	20190501	Final
Jamaica	0.2579	0.2579	0.2579	20190501	Final
Jamaica - Digicell Fixed	0.1811	0.1811	0.1811	20190501	Final
Jamaica - Digicell Mobile	0.2506	0.2506	0.2506	20190501	Final
Jamaica - Other Mobile	0.2538	0.2538	0.2538	20190501	Final
Japan	0.0215	0.0215	0.0215	20190501	Final
Japan - Tokyo	0.0250	0.0250	0.0250	20190501	Final
Japan Mobile	0.0463	0.0463	0.0463	20190501	Final
Japan VoIP	0.0311	0.0311	0.0311	20190501	Final
Jordan	0.1963	0.1963	0.1963	20190501	Final
Jordan Mobile	0.1821	0.1821	0.1821	20190501	Final
Kazakhstan	0.0471	0.0471	0.0471	20190501	Final
Kazakhstan Mobile	0.0972	0.0972	0.0972	20190501	Final
Kenya	0.1942	0.1942	0.1942	20190501	Final
Kenya Mobile	0.1710	0.1710	0.1710	20190501	Final
Kiribati	3.3982	3.3982	3.3982	20190501	Final
Kiribati Mobile	3.2565	3.2565	3.2565	20190501	Final
Korea - North	2.7541	2.7541	2.7541	20190501	Final
Korea - South	0.0155	0.0155	0.0155	20190501	Final
Korea - South Mobile	0.0166	0.0166	0.0166	20190501	Final
Kosovo Fixed	0.1659	0.1659	0.1659	20190501	Final
Kosovo Mobile	0.5142	0.5142	0.5142	20190501	Final
Kuwait	0.0793	0.0793	0.0793	20190501	Final
Kuwait Mobile	0.0495	0.0495	0.0495	20190501	Final
Kyrgyzstan	0.1308	0.1308	0.1308	20190501	Final
Kyrgyzstan Mobile	0.1954	0.1954	0.1954	20190501	Final
Laos	0.0829	0.0829	0.0829	20190501	Final
Laos Pdr Mobile	0.0783	0.0783	0.0783	20190501	Final
Latvia	0.5356	0.5356	0.5356	20190501	Final
Latvia - Bite Mobile	0.3574	0.3574	0.3574	20190501	Final
Latvia - LMT Mobile	0.3574	0.3574	0.3574	20190501	Final
Latvia - Other Mobile	0.6500	0.6500	0.6500	20190501	Final
Latvia - Tele2 Mobile	0.3413	0.3413	0.3413	20190501	Final
Latvia - Special Services	0.5857	0.5857	0.5857	20190501	Final
Lebanon	0.0914	0.0914	0.0914	20190501	Final
Lebanon Mobile	0.1746	0.1746	0.1746	20190501	Final
Lesotho	0.5138	0.5138	0.5138	20190501	Final
Lesotho Mobile	0.5138	0.5138	0.5138	20190501	Final
Liberia	0.4882	0.4882	0.4882	20190501	Final
Liberia Mobile	0.4667	0.4667	0.4667	20190501	Final
Libya	0.2432	0.2432	0.2432	20190501	Final
Libya Mobile	0.3738	0.3738	0.3738	20190501	Final
Liechtenstein	0.0802	0.0802	0.0802	20190501	Final
Liechtenstein Mobile	0.1323	0.1323	0.1323	20190501	Final
Lithuania	0.1526	0.1526	0.1526	20190501	Final
Lithuania - Omnitel Mobile	0.3926	0.3926	0.3926	20190501	Final



	Euro	Euro	Euro		
Lithuania - Tele2 Mobile	0.3926	0.3926	0.3926	20190501	Final
Lithuania - Bite GSM Mobile	0.3926	0.3926	0.3926	20190501	Final
Lithuania - Other Mobile	0.5642	0.5642	0.5642	20190501	Final
Lithuania Personal Numbering	0.9503	0.9503	0.9503	20190501	Final
Luxembourg	0.1886	0.1886	0.1886	20190501	Final
Luxembourg - GSM Mobile	0.1886	0.1886	0.1886	20190501	Final
Luxembourg - Tango Mobile	0.1936	0.1936	0.1936	20190501	Final
Luxembourg - Orange Mobile	0.1886	0.1886	0.1886	20190501	Final
Macau	0.1021	0.1021	0.1021	20190501	Final
Macau Mobile	0.1021	0.1021	0.1021	20190501	Final
Macedonia	0.1572	0.1572	0.1572	20190501	Final
Macedonia Mobile	0.3546	0.3546	0.3546	20190501	Final
Madagascar	0.6531	0.6531	0.6531	20190501	Final
Madagascar - Satellite Mobile	1.1476	1.1476	1.1476	20190501	Final
Madagascar Mobile	0.6204	0.6204	0.6204	20190501	Final
Malawi	0.3627	0.3627	0.3627	20190501	Final
Malawi Mobile	0.4091	0.4091	0.4091	20190501	Final
Malaysia	0.0569	0.0569	0.0569	20190501	Final
Malaysia - Kuala Lumpur	0.0199	0.0199	0.0199	20190501	Final
Malaysia Mobile	0.0606	0.0606	0.0606	20190501	Final
Maldiv Islands	0.8993	0.8993	0.8993	20190501	Final
Maldiv Mobile	0.9087	0.9087	0.9087	20190501	Final
Mali	0.2124	0.2124	0.2124	20190501	Final
Mali Mobile	0.2061	0.2061	0.2061	20190501	Final
Malta	0.1270	0.1270	0.1270	20190501	Final
Malta Mobile	0.2275	0.2275	0.2275	20190501	Final
Malta - Vodafone Satellite	5.3938	5.3938	5.3938	20190501	Final
Marshall Islands	0.2873	0.2873	0.2873	20190501	Final
Martinique	0.2538	0.2538	0.2538	20190501	Final
Martinique - Digicell Mobile	0.2538	0.2538	0.2538	20190501	Final
Martinique - Other Mobile	0.2538	0.2538	0.2538	20190501	Final
Mauritania	0.7051	0.7051	0.7051	20190501	Final
Mauritania Mobile	0.5717	0.5717	0.5717	20190501	Final
Mauritius	0.1845	0.1845	0.1845	20190501	Final
Mauritius Mobile	0.1845	0.1845	0.1845	20190501	Final
Mayotte	0.0465	0.0465	0.0465	20190501	Final
Mayotte Mobile	0.2772	0.2772	0.2772	20190501	Final
Mexico	0.0137	0.0137	0.0137	20190501	Final
Mexico Mobile	0.0196	0.0196	0.0196	20190501	Final
Micronesia	0.6170	0.6170	0.6170	20190501	Final
Micronesia Mobile	0.6011	0.6011	0.6011	20190501	Final
Moldova	0.2925	0.2925	0.2925	20190501	Final
Moldova - Mold Telecom Mobile	0.3078	0.3078	0.3078	20190501	Final
Moldova - Moldcell Telecom Mobile	0.3575	0.3575	0.3575	20190501	Final
Moldova - Orange Telecom Mobile	0.2782	0.2782	0.2782	20190501	Final
Moldova - Other Mobile	0.3078	0.3078	0.3078	20190501	Final
Monaco	0.0802	0.0802	0.0802	20190501	Final
Monaco Mobile	0.2462	0.2462	0.2462	20190501	Final
MONACO VAS	0.6721	0.6721	0.6721	20190501	Final
MONACO MOBILE KFOR	0.5493	0.5493	0.5493	20190501	Final
Mongolia	0.0252	0.0252	0.0252	20190501	Final
Mongolia Mobile	0.0220	0.0220	0.0220	20190501	Final
Montenegro	0.4212	0.4212	0.4212	20190501	Final
Montenegro Mobile	0.3882	0.3882	0.3882	20190501	Final
Montserrat	1.0344	1.0344	1.0344	20190501	Final



	Euro	Euro	Euro		
Montserrat Mobile	0.9863	0.9863	0.9863	20190501	Final
Morocco	0.0205	0.0205	0.0205	20190501	Final
Morocco Mobile	0.2977	0.2977	0.2977	20190501	Final
Mozambique	0.0615	0.0615	0.0615	20190501	Final
Mozambique Mobile	0.2304	0.2304	0.2304	20190501	Final
Myanmar	0.2694	0.2694	0.2694	20190501	Final
Myanmar Mobile	0.2815	0.2815	0.2815	20190501	Final
Namibia	0.1364	0.1364	0.1364	20190501	Final
Namibia Mobile	0.2240	0.2240	0.2240	20190501	Final
Nauru	2.7197	2.7197	2.7197	20190501	Final
Nauru Mobile	2.7197	2.7197	2.7197	20190501	Final
Nepal	0.1565	0.1565	0.1565	20190501	Final
Nepal Mobile	0.1492	0.1492	0.1492	20190501	Final
Netherlands	0.3281	0.3281	0.3281	20190501	Final
Netherlands - T-Mobile	0.3483	0.3483	0.3483	20190501	Final
Netherlands - KPN Mobile	0.3487	0.3487	0.3487	20190501	Final
Netherlands - O2 Mobile	0.3487	0.3487	0.3487	20190501	Final
Netherlands - Tele2 Mobile	0.3487	0.3487	0.3487	20190501	Final
Netherlands - Vodafone Mobile	0.3487	0.3487	0.3487	20190501	Final
Netherlands - Lycamobile Mobile	0.3526	0.3526	0.3526	20190501	Final
Netherlands Other Mobile	0.3067	0.3067	0.3067	20190501	Final
Netherlands Antilles	0.0761	0.0761	0.0761	20190501	Final
Netherlands Antilles Mobile	0.1230	0.1230	0.1230	20190501	Final
New Caledonia	1.1782	1.1782	1.1782	20190501	Final
New Caledonia Mobile	0.3853	0.3853	0.3853	20190501	Final
New Zealand	0.0424	0.0424	0.0424	20190501	Final
New Zealand Mobile	0.0441	0.0441	0.0441	20190501	Final
Nicaragua	0.2538	0.2538	0.2538	20190501	Final
Nicaragua Mobile	0.2868	0.2868	0.2868	20190501	Final
Niger	0.4108	0.4108	0.4108	20190501	Final
Niger Mobile	0.3823	0.3823	0.3823	20190501	Final
Niger - Space Mobile	4.1014	4.1014	4.1014	20190501	Final
Nigeria	0.1045	0.1045	0.1045	20190501	Final
Nigeria - Celtel Mobile	0.1019	0.1019	0.1019	20190501	Final
Nigeria - Globacom Mobile	0.1062	0.1062	0.1062	20190501	Final
Nigeria - Lagos City	0.1082	0.1082	0.1082	20190501	Final
Nigeria - Mtel Mobile	2.6065	2.6065	2.6065	20190501	Final
Nigeria - Mtn Mobile	0.1019	0.1019	0.1019	20190501	Final
Nigeria - Nitel Mobile	0.1030	0.1030	0.1030	20190501	Final
Nigeria - Etisalat Mobile	0.1245	0.1245	0.1245	20190501	Final
Nigeria - Other Mobile	0.1063	0.1063	0.1063	20190501	Final
Niue	4.5013	4.5013	4.5013	20190501	Final
Niue Island Mobile	13.0065	13.0065	13.0065	20190501	Final
Norfolk Island	1.4304	1.4304	1.4304	20190501	Final
Norfolk Island Mobile	0.7865	0.7865	0.7865	20190501	Final
North Mariana Island	0.0455	0.0455	0.0455	20190501	Final
Northern Ireland	0.0118	0.0118	0.0118	20190501	Final
Norway	0.0133	0.0133	0.0133	20190501	Final
Norway - MCP Satellite	4.1022	4.1022	4.1022	20190501	Final
Norway - Special Services	0.1806	0.1806	0.1806	20190501	Final
Norway - Other Mobile	0.0199	0.0199	0.0199	20190501	Final
Norway - Netcom Mobile	0.0199	0.0199	0.0199	20190501	Final
Norway - Telenor Mobile	0.0199	0.0199	0.0199	20190501	Final
Oman	0.1139	0.1139	0.1139	20190501	Final
Oman Mobile	0.3600	0.3600	0.3600	20190501	Final



	Euro	Euro	Euro		
Pakistan	0.0524	0.0524	0.0524	20190501	Final
Pakistan Mobile	0.0424	0.0424	0.0424	20190501	Final
Palau	0.2886	0.2886	0.2886	20190501	Final
Palestine	0.1472	0.1472	0.1472	20190501	Final
Palestine Mobile	0.1763	0.1763	0.1763	20190501	Final
Palestine/Israel	0.1613	0.1613	0.1613	20190501	Final
Palestine/Israel Mobile	0.2089	0.2089	0.2089	20190501	Final
Panama	0.0351	0.0351	0.0351	20190501	Final
Panama - Digicell Mobile	0.1234	0.1234	0.1234	20190501	Final
Panama - Other Mobile	0.1253	0.1253	0.1253	20190501	Final
Papua New Guinea	3.5567	3.5567	3.5567	20190501	Final
Papua New Guinea Mobile	0.9720	0.9720	0.9720	20190501	Final
Paraguay	0.0339	0.0339	0.0339	20190501	Final
Paraguay Mobile	0.0746	0.0746	0.0746	20190501	Final
Peru	0.0134	0.0134	0.0134	20190501	Final
Peru Mobile	0.0220	0.0220	0.0220	20190501	Final
Philippines	0.0985	0.0985	0.0985	20190501	Final
Philippines Mobile	0.1004	0.1004	0.1004	20190501	Final
Pitcairn Islands	1.9128	1.9128	1.9128	20190501	Final
Poland	0.0146	0.0146	0.0146	20190501	Final
Poland - Internet	0.6565	0.6565	0.6565	20190501	Final
Poland - T-Mobile	0.1377	0.1377	0.1377	20190501	Final
Poland - Orange Mobile	0.1466	0.1466	0.1466	20190501	Final
Poland - Plus Mobile	0.1466	0.1466	0.1466	20190501	Final
Poland - P4 Mobile	0.1466	0.1466	0.1466	20190501	Final
Poland - Centernet Mobile	0.2543	0.2543	0.2543	20190501	Final
Poland - Mobyland Mobile	0.2631	0.2631	0.2631	20190501	Final
Poland - Warsaw City	0.0326	0.0326	0.0326	20190501	Final
Poland Premium	3.2565	3.2565	3.2565	20190501	Final
Portugal	0.0293	0.0293	0.0293	20190501	Final
Portugal Premium	1.3065	1.3065	1.3065	20190501	Final
Portugal - Optimus Mobile	0.5356	0.5356	0.5356	20190501	Final
Portugal - Other Mobile	0.5356	0.5356	0.5356	20190501	Final
Portugal - TMN Mobile	0.5356	0.5356	0.5356	20190501	Final
Portugal - Vodafone Mobile	0.5642	0.5642	0.5642	20190501	Final
Portugal VoIP	0.0277	0.0277	0.0277	20190501	Final
Puerto Rico	0.0137	0.0137	0.0137	20190501	Final
Qatar	0.1681	0.1681	0.1681	20190501	Final
Qatar Mobile	0.1728	0.1728	0.1728	20190501	Final
Radio Maritime	3.2565	3.2565	3.2565	20190501	Final
Reunion Island	0.0933	0.0933	0.0933	20190501	Final
Reunion Island Mobile	0.0932	0.0932	0.0932	20190501	Final
Rodriguez Islands	3.2565	3.2565	3.2565	20190501	Final
Romania	0.0099	0.0099	0.0099	20190501	Final
Romania 2	0.2933	0.2933	0.2933	20190501	Final
Romania - Bucharest City	0.0099	0.0099	0.0099	20190501	Final
Romania - Cosmote Mobile	0.0190	0.0190	0.0190	20190501	Final
Romania - Vodafone Mobile	0.0190	0.0190	0.0190	20190501	Final
Romania - Orange Mobile	0.0190	0.0190	0.0190	20190501	Final
Romania - Other Mobile	0.0190	0.0190	0.0190	20190501	Final
Romania - Telemobil Mobile	0.0215	0.0215	0.0215	20190501	Final
Romania - Personal Services	0.0243	0.0243	0.0243	20190501	Final
Russia - Globatel Mobile	2.0523	2.0523	2.0523	20190501	Final
Russia - Moscow City	0.0168	0.0168	0.0168	20190501	Final
Russia - St Petersburg City	0.0519	0.0519	0.0519	20190501	Final

	Euro	Euro	Euro		
Russia - Other Mobile	0.0519	0.0519	0.0519	20190501	Final
Russia - Beeline Mobile	0.2629	0.2629	0.2629	20190501	Final
Russia - Megafone Mobile	0.2778	0.2778	0.2778	20190501	Final
Russia - MTS Mobile	0.1941	0.1941	0.1941	20190501	Final
Russian Federation 1	0.0519	0.0519	0.0519	20190501	Final
Russian Federation 2	0.0519	0.0519	0.0519	20190501	Final
Russian Federation 3	0.0519	0.0519	0.0519	20190501	Final
Rwanda	0.3312	0.3312	0.3312	20190501	Final
Rwanda Mobile	0.3142	0.3142	0.3142	20190501	Final
Samoa US (America)	2.5423	2.5423	2.5423	20190501	Final
Samoa US (America) Mobile	2.5423	2.5423	2.5423	20190501	Final
Samoa Western	2.7197	2.7197	2.7197	20190501	Final
San Marino	0.0320	0.0320	0.0320	20190501	Final
San Marino Mobile	0.1940	0.1940	0.1940	20190501	Final
San Tome & Principe Mobile	1.3686	1.3686	1.3686	20190501	Final
Sao Tome & Principe	1.1765	1.1765	1.1765	20190501	Final
Saudi Arabia	0.0904	0.0904	0.0904	20190501	Final
Saudi Arabia - Other Mobile	0.1188	0.1188	0.1188	20190501	Final
Senegal	0.2466	0.2466	0.2466	20190501	Final
SENEGAL EXPRESSO	0.4528	0.4528	0.4528	20190501	Final
SENEGAL MOBILE EXPRESSO	0.2556	0.2556	0.2556	20190501	Final
Senegal Mobile Tigo	0.4754	0.4754	0.4754	20190501	Final
Senegal Mobile Orange	0.3897	0.3897	0.3897	20190501	Final
Serbia	0.1606	0.1606	0.1606	20190501	Final
Serbia Mobile	0.4183	0.4183	0.4183	20190501	Final
Seychelles	0.6916	0.6916	0.6916	20190501	Final
Seychelles Mobile	0.7053	0.7053	0.7053	20190501	Final
Sierra Leone	0.5051	0.5051	0.5051	20190501	Final
Sierra Leone Mobile	0.5686	0.5686	0.5686	20190501	Final
Singapore	0.0550	0.0550	0.0550	20190501	Final
Singapore Mobile	0.0550	0.0550	0.0550	20190501	Final
Sint Maarten	0.1162	0.1162	0.1162	20190501	Final
Skyphone	6.8991	6.8991	6.8991	20190501	Final
Slovakia	0.0103	0.0103	0.0103	20190501	Final
Slovakia - Orange Mobile	0.0259	0.0259	0.0259	20190501	Final
Slovakia - Telefonica Mobile	0.0259	0.0259	0.0259	20190501	Final
Slovakia - T-Mobile	0.0259	0.0259	0.0259	20190501	Final
Slovenia	0.2141	0.2141	0.2141	20190501	Final
Slovenia - IPKO Mobile	0.5210	0.5210	0.5210	20190501	Final
Slovenia - Mobitel Mobile	0.4427	0.4427	0.4427	20190501	Final
Slovenia - Simobil Mobile	0.4355	0.4355	0.4355	20190501	Final
Slovenia - T2 Mobile	0.4427	0.4427	0.4427	20190501	Final
Slovenia - Tusmobil Mobile	0.4427	0.4427	0.4427	20190501	Final
Solomon Islands	3.8102	3.8102	3.8102	20190501	Final
Solomon Islands Mobile	1.0200	1.0200	1.0200	20190501	Final
Somali Mobile ASGSM	0.4651	0.4651	0.4651	20190501	Final
Somali Mobile Hargeysa Telesom	0.3589	0.3589	0.3589	20190501	Final
Somali Mobile Hormuud	0.3498	0.3498	0.3498	20190501	Final
Somali Mobile Onkod	0.4953	0.4953	0.4953	20190501	Final
Somali Mobile Somafone	0.5487	0.5487	0.5487	20190501	Final
Somali Mobile Somcom	0.5464	0.5464	0.5464	20190501	Final
Somali Mobile Somnet	0.5797	0.5797	0.5797	20190501	Final
Somalia	0.3727	0.3727	0.3727	20190501	Final
South Africa	0.1938	0.1938	0.1938	20190501	Final
South Africa - Cell C Mobile	0.2276	0.2276	0.2276	20190501	Final



	Euro	Euro	Euro		
South Africa - MTN Mobile	0.2024	0.2024	0.2024	20190501	Final
South Africa - Vodacom Mobile	0.1737	0.1737	0.1737	20190501	Final
South Africa A	0.2097	0.2097	0.2097	20190501	Final
South Africa - 8TA Telkom Mobile	0.2168	0.2168	0.2168	20190501	Final
South Africa - WBS Mobile	0.1942	0.1942	0.1942	20190501	Final
South Africa Mobile	0.2276	0.2276	0.2276	20190501	Final
South Sudan	0.4576	0.4576	0.4576	20190501	Final
South Sudan - Mobile	0.3029	0.3029	0.3029	20190501	Final
Spain - Movistar Mobile	0.1806	0.1806	0.1806	20190501	Final
Spain - Orange Mobile	0.1806	0.1806	0.1806	20190501	Final
Spain - Other Mobile	0.1806	0.1806	0.1806	20190501	Final
Spain - Vodafone Mobile	0.1806	0.1806	0.1806	20190501	Final
Spain - Xfera Mobile	0.1806	0.1806	0.1806	20190501	Final
Spain 1	0.5005	0.5005	0.5005	20190501	Final
Spain 2	0.0091	0.0091	0.0091	20190501	Final
Spain 3	0.3000	0.3000	0.3000	20190501	Final
Spain - Special Services	1.2935	1.2935	1.2935	20190501	Final
Spain - M2M Mobile	0.2522	0.2522	0.2522	20190501	Final
Sri Lanka	0.1817	0.1817	0.1817	20190501	Final
Sri Lanka Mobile	0.1570	0.1570	0.1570	20190501	Final
St Helena	2.3806	2.3806	2.3806	20190501	Final
St Kitts & Nevis	0.1989	0.1989	0.1989	20190501	Final
St Kitts & Nevis - Digicell Mobile	0.2662	0.2662	0.2662	20190501	Final
St Kitts & Nevis - Other Mobile	0.2727	0.2727	0.2727	20190501	Final
St Lucia	0.2470	0.2470	0.2470	20190501	Final
St Lucia - Digicell Mobile	0.2764	0.2764	0.2764	20190501	Final
St Lucia - Other Mobile	0.2713	0.2713	0.2713	20190501	Final
St Pierre & Miquelon	0.5138	0.5138	0.5138	20190501	Final
St Pierre & Miquelon Mobile	0.5138	0.5138	0.5138	20190501	Final
St Vincent	0.2783	0.2783	0.2783	20190501	Final
St Vincent - Digicell Mobile	0.2655	0.2655	0.2655	20190501	Final
St Vincent - Other Mobile	0.2713	0.2713	0.2713	20190501	Final
Sudan	0.1572	0.1572	0.1572	20190501	Final
Sudan Mobile	0.1477	0.1477	0.1477	20190501	Final
Surinam	1.5926	1.5926	1.5926	20190501	Final
Suriname - Digicell Mobile	2.5841	2.5841	2.5841	20190501	Final
Suriname - Other Mobile	1.5926	1.5926	1.5926	20190501	Final
Swaziland	0.3155	0.3155	0.3155	20190501	Final
Swaziland Mobile	0.2036	0.2036	0.2036	20190501	Final
Sweden	0.0090	0.0090	0.0090	20190501	Final
Sweden - Comviq Mobile	0.0183	0.0183	0.0183	20190501	Final
Sweden - Hi3G Mobile	0.3480	0.3480	0.3480	20190501	Final
Sweden - Other Mobile	0.0183	0.0183	0.0183	20190501	Final
Sweden - Paging Mobile	13.2314	13.2314	13.2314	20190501	Final
Sweden - Telenor Mobile	0.3197	0.3197	0.3197	20190501	Final
Sweden - Telenor Connexion Mobile	0.0961	0.0961	0.0961	20190501	Final
Sweden - Telia Mobile	0.0183	0.0183	0.0183	20190501	Final
Switzerland	0.0267	0.0267	0.0267	20190501	Final
Switzerland - On Air Satellite	4.7549	4.7549	4.7549	20190501	Final
Switzerland - Orange Mobile	0.3882	0.3882	0.3882	20190501	Final
Switzerland - Other Mobile	0.4082	0.4082	0.4082	20190501	Final
Switzerland - Paging Mobile	0.4355	0.4355	0.4355	20190501	Final
Switzerland - Sunrise Mobile	0.4713	0.4713	0.4713	20190501	Final
Switzerland - Swisscom Mobile	0.4355	0.4355	0.4355	20190501	Final
Switzerland - Bebbicell Mobile	0.3147	0.3147	0.3147	20190501	Final



	Euro	Euro	Euro		
Switzerland - Lycatel Mobile	0.1105	0.1105	0.1105	20190501	Final
Switzerland - Special Services	0.0231	0.0231	0.0231	20190501	Final
Syria	0.2454	0.2454	0.2454	20190501	Final
Syria Mobile	0.3857	0.3857	0.3857	20190501	Final
T Systems Satellite	3.2565	3.2565	3.2565	20190501	Final
Taiwan	0.0168	0.0168	0.0168	20190501	Final
Taiwan - APBW Mobile	0.1186	0.1186	0.1186	20190501	Final
Taiwan - CHT Mobile	0.0919	0.0919	0.0919	20190501	Final
Taiwan - FET Mobile	0.0910	0.0910	0.0910	20190501	Final
Taiwan - KGT Mobile	0.1186	0.1186	0.1186	20190501	Final
Taiwan - MOBITAI Mobile	0.0978	0.0978	0.0978	20190501	Final
Taiwan - PHS Mobile	0.1067	0.1067	0.1067	20190501	Final
Taiwan - TAT Mobile	0.1186	0.1186	0.1186	20190501	Final
Taiwan - TCC Mobile	2.6354	2.6354	2.6354	20190501	Final
Taiwan Other Mobile	0.0910	0.0910	0.0910	20190501	Final
Tajikistan Mobile	0.1570	0.1570	0.1570	20190501	Final
Tajikstan	0.1213	0.1213	0.1213	20190501	Final
Tanzania	0.3052	0.3052	0.3052	20190501	Final
Tanzania Mobile	0.3362	0.3362	0.3362	20190501	Final
Thailand	0.0685	0.0685	0.0685	20190501	Final
Thailand Mobile	0.0754	0.0754	0.0754	20190501	Final
Thuraya	2.6354	2.6354	2.6354	20190501	Final
Togo (Togolese Rep)	1.6344	1.6344	1.6344	20190501	Final
Togo (Togolese Rep) Mobile	1.6344	1.6344	1.6344	20190501	Final
Togo - Personal Services	0.2893	0.2893	0.2893	20190501	Final
Tokelau	2.2485	2.2485	2.2485	20190501	Final
Tonga	3.3982	3.3982	3.3982	20190501	Final
Tongo Mobile	1.2786	1.2786	1.2786	20190501	Final
Trinidad & Tobago	0.2419	0.2419	0.2419	20190501	Final
Trinidad & Tobago - Digicell Mobile	0.2670	0.2670	0.2670	20190501	Final
Trinidad & Tobago - Other Mobile	0.2670	0.2670	0.2670	20190501	Final
Tunisia	0.8542	0.8542	0.8542	20190501	Final
Tunisia Mobile	0.8542	0.8542	0.8542	20190501	Final
Turkey	0.0400	0.0400	0.0400	20190501	Final
Turkey - Avea Mobile	0.0373	0.0373	0.0373	20190501	Final
Turkey - Globalstar Mobile	0.7497	0.7497	0.7497	20190501	Final
Turkey - Istanbul City	0.0339	0.0339	0.0339	20190501	Final
Turkey - Vodafone Mobile	0.1933	0.1933	0.1933	20190501	Final
Turkey - Turkcell Mobile	0.1873	0.1873	0.1873	20190501	Final
Turkey - Other Mobile	0.1873	0.1873	0.1873	20190501	Final
Turkey North Cyprus	0.0306	0.0306	0.0306	20190501	Final
Turkey North Cyprus - KKTC Vodafone Mobile	0.2074	0.2074	0.2074	20190501	Final
Turkey North Cyprus - KKTCCell Mobile	0.2141	0.2141	0.2141	20190501	Final
Turkmenistan	0.1048	0.1048	0.1048	20190501	Final
Turkmenistan Mobile	0.1499	0.1499	0.1499	20190501	Final
Turks & Caicos - Digicell Mobile	0.2764	0.2764	0.2764	20190501	Final
Turks & Caicos - Other Mobile	0.2847	0.2847	0.2847	20190501	Final
Turks & Caicos Islands	0.2285	0.2285	0.2285	20190501	Final
Tuvalu	2.5017	2.5017	2.5017	20190501	Final
Tuvalu Mobile	2.1381	2.1381	2.1381	20190501	Final
Uganda	0.3593	0.3593	0.3593	20190501	Final
Uganda Mobile	0.3283	0.3283	0.3283	20190501	Final
UK - H3G Mobile	0.0143	0.0143	0.0143	20190501	Final
UK - MMO2	0.0143	0.0143	0.0143	20190501	Final
UK - Non Geo	0.0273	0.0273	0.0273	20190501	Final



	Euro				
	Euro	Euro	Euro		
UK - Orange Mobile	0.0143	0.0143	0.0143	20190501	Final
UK - T-Mobile	0.0143	0.0143	0.0143	20190501	Final
UK - Vodafone Mobile	0.0143	0.0143	0.0143	20190501	Final
UK - Personal Numbering Service M	2.2815	2.2815	2.2815	20190501	Final
UK - Tier 1 Mobile	0.0247	0.0247	0.0247	20190501	Final
UK Fixed	0.0094	0.0094	0.0094	20190501	Final
UK Local Call 0843	0.1408	0.1408	0.1408	20190501	Final
UK Local Call 0844	0.1357	0.1357	0.1357	20190501	Final
UK Local Call 0845	0.1511	0.1511	0.1511	20190501	Final
UK Mobile Other	0.2227	0.2227	0.2227	20190501	Final
UK National Call 0870	0.1967	0.1967	0.1967	20190501	Final
UK National Call 0871/0872	0.2089	0.2089	0.2089	20190501	Final
UK Premium	13.0065	13.0065	13.0065	20190501	Final
UK VOIP	0.0224	0.0224	0.0224	20190501	Final
United Kingdom -Country Wide	0.0179	0.0179	0.0179	20190501	Final
United Kingdom -Radiopaging	0.6565	0.6565	0.6565	20190501	Final
Ukraine	0.1310	0.1310	0.1310	20190501	Final
Ukraine Mobile	0.2525	0.2525	0.2525	20190501	Final
United Arab Emirates	0.1659	0.1659	0.1659	20190501	Final
United Arab Emirates - DU Mobile	0.1659	0.1659	0.1659	20190501	Final
United Arab Emirates Mobile	0.1642	0.1642	0.1642	20190501	Final
Uruguay	0.0424	0.0424	0.0424	20190501	Final
Uruguay Mobile	0.1313	0.1313	0.1313	20190501	Final
US Virgin Islands	0.0250	0.0250	0.0250	20190501	Final
USA	0.0186	0.0186	0.0186	20190501	Final
United States 1 8xx	0.0185	0.0185	0.0185	20190501	Final
Uzbekistan	0.1082	0.1082	0.1082	20190501	Final
Uzbekistan Mobile	0.1082	0.1082	0.1082	20190501	Final
Vanuatu	4.0764	4.0764	4.0764	20190501	Final
Vanuatu Mobile	4.0764	4.0764	4.0764	20190501	Final
Vatican City	0.0129	0.0129	0.0129	20190501	Final
Venezuela	0.0364	0.0364	0.0364	20190501	Final
Venezuela Mobile	0.0889	0.0889	0.0889	20190501	Final
Vietnam	0.0675	0.0675	0.0675	20190501	Final
Vietnam Mobile	0.0675	0.0675	0.0675	20190501	Final
Wallis & Futuna	0.3449	0.3449	0.3449	20190501	Final
Western Samoa Mobile	2.7197	2.7197	2.7197	20190501	Final
Yemen	0.1404	0.1404	0.1404	20190501	Final
Yemen Peoples Republic Mobile	0.1386	0.1386	0.1386	20190501	Final
Zambia	0.4315	0.4315	0.4315	20190501	Final
Zambia Mobile	0.3192	0.3192	0.3192	20190501	Final
Zimbabwe	0.0975	0.0975	0.0975	20190501	Final
Zimbabwe - Econet Mobile	0.5194	0.5194	0.5194	20190501	Final
Zimbabwe - Other Mobile	0.3674	0.3674	0.3674	20190501	Final

Commercial Interconnection Service Schedule 004 eir Special Directory Enquiries

Table 1 below details the applicable charges for eir Special Directory Enquiries using access code 196. These rates are quoted in Euro cent per driver unit.

Table 1 Special Directory Enquiries (Euro Cent)									
Service Description	Cent Per Second			Cent Per Call			Effective from	Effective to	Status
	Peak	Off Peak	Weekend	Peak	Off Peak	Weekend			
Access to eir Special Directory Enquiries	0.2600	0.2600	0.2600	64.25	64.25	64.25	01/07/2009	31/03/2019	Final
Access to eir Special Directory Enquiries	3.8991	3.8991	3.8991	273.1505	273.1505	273.1505	01/04/2019		Final

Commercial Interconnection Service Schedule 005 open eir National Transit

Table 1 below details the standard charges for open eir National Transit. These rates are quoted in Euro cent per driver unit.

Table 1 open eir Standard National Transit (Euro Cent)									
Service Description	Cent Per Minute			Cent Per Call			Effective from	Effective to	Status
	Peak	Off Peak	Weekend	Peak	Off Peak	Weekend			
open eir National Transit	0.212	0.118	0.106	0.663	0.370	0.331	01/04/2004	30/06/2006	Final
open eir National Transit	0.228	0.123	0.110	0.663	0.361	0.321	01/07/2006	30/06/2007	Final
open eir National Transit	0.204	0.112	0.098	0.621	0.344	0.301	01/07/2007	28/02/2019	Final
open eir National Transit	0.265	0.146	0.127	0.807	0.447	0.391	01/03/2019		Final

Table 2 below details the charges for open eir transit to Premium Rate Services. These rates are quoted in Euro cent per driver unit.

Table 2 open eir National Transit to Premium Rate Services (Euro Cent)									
Service Description	Cent Per Minute			Cent Per Call			Effective from	Effective to	Status
	Peak	Off Peak	Weekend	Peak	Off Peak	Weekend			
open eir Transit to 1512	0.204	0.112	0.098	2.621	2.344	2.301	01/08/2018		Final
open eir Transit to 1513	0.204	0.112	0.098	3.621	3.344	3.301	01/08/2018		Final
open eir Transit to 1514	0.204	0.112	0.098	3.621	3.344	3.301	01/08/2018		Final
open eir Transit to 1515	0.204	0.112	0.098	5.621	5.344	5.301	01/08/2018		Final
open eir Transit to 1516	0.204	0.112	0.098	7.621	7.344	7.301	01/08/2018		Final
open eir Transit to 1517	0.204	0.112	0.098	8.621	8.344	8.301	01/08/2018		Final
open eir Transit to 1518	0.204	0.112	0.098	15.621	15.344	15.301	01/08/2018		Final
open eir Transit to 1520	2.204	2.112	2.098	0.621	0.344	0.301	01/08/2018		Final
open eir Transit to 1530	3.204	3.112	3.098	0.621	0.344	0.301	01/08/2018		Final
open eir Transit to 1540	5.204	5.112	5.098	0.621	0.344	0.301	01/08/2018		Final
open eir Transit to 1550	7.204	7.112	7.098	0.621	0.344	0.301	01/08/2018		Final
open eir Transit to 1560	8.204	8.112	8.098	0.621	0.344	0.301	01/08/2018		Final
open eir Transit to 1570	8.204	8.112	8.098	0.621	0.344	0.301	01/08/2018		Final
open eir Transit to 1580	9.204	9.112	9.098	0.621	0.344	0.301	01/08/2018		Final
open eir Transit to 1590	12.204	12.112	12.098	0.621	0.344	0.301	01/08/2018		Final
open eir Transit to 1598	12.204	12.112	12.098	0.621	0.344	0.301	01/08/2018		Final
open eir Transit to 1599	12.204	12.112	12.098	0.621	0.344	0.301	01/08/2018		Final

Table 3 below details the charges for open eir transit to emergency call answering service (ECAS). These rates are quoted in Euro cent per driver unit.

Table 3 open eir National Transit to Emergency Call Answering Service (ECAS)									
Service Description	Cent Per Minute			Cent Per Call			Effective from	Effective to	Status
	Peak	Off Peak	Weekend	Peak	Off Peak	Weekend			
open eir Transit to ECAS	2.040	1.120	0.980	6.210	3.440	3.010	01/03/2019		Final

Commercial Interconnection Service Schedule 0056 Urban WCA⁵ Bitstream Prices

1 Urban WCA⁶ CGA Bitstream Charges

Monthly Rental Charges

Urban WCA⁷: Bitstream IP Product Set

Service	Effective From	Effective to	Price €
Bitstream Connect – 1024/128 kb/s RA 48:1 (**)	01/07/2019		9.48
Bitstream Expand IP – “up to” 3072/384 kb/s RA 48:1(*)	01/07/2019		11.55
Bitstream Rapid IP – “up to” 7168/384 kb/s RA 48:1(*)	01/07/2019		14.00
Bitstream Zoom IP – “up to” 24576 / 768 kb/s RA 48:1 (*)	01/07/2019		15.00
Bitstream Swift IP – “up to” 12288 / 1120 kb/s RA 12:1(*) (****)	01/07/2019		16.50
Bitstream Arrow IP – “up to” 12288 / 1024 kb/s RA 12:1(*) (****)	01/07/2019		34.50
Bitstream Sprint IP – “up to” 24576 / 1024 kb/s RA 12:1 (*) (****)	01/07/2019		21.50
Bitstream Turbo IP Plus – “up to” 18432 / 2048 kb/s RA 12:1 (****)	01/07/2019		24.50

Please Note Bitstream Arrow IP is being removed from sale and is in the process of being withdrawn.

(1) See product description for a list of associated profiles.

(2) This price applies in all instances where the Access Seeker has ordered this product, including where the Access Seeker has chosen to avail of the Mid-band process, which is detailed in the Bitstream Industry Process Manual as published on www.openeir.ie.

⁵ The list of exchanges defined by ComReg as Urban WCA is set out in Annex 11, paragraph 11.2 of ComReg 18/94.

⁶ The list of exchanges defined by ComReg as Urban WCA is set out in Annex 11, paragraph 11.2 of ComReg 18/94.

⁷ The list of exchanges defined by ComReg as Urban WCA is set out in Annex 11, paragraph 11.2 of ComReg 18/94.

(3) Usage Charge is based on 95th Percentile Billing and is aggregated across all ports attached to Bitstream MB product per Access Seeker. Please see Appendix A for further detail

Service	Effective From	Effective to	Base Price €	Usage Charge €	Cap
Bitstream Kronos – 1024/128 kb/s RA 48:1 ⁽²⁾	01/03/2008		7.96 up to 20 hours	2c per minute after 20 hours	Maximum usage charge of € 15.00

Please note: Bitstream Kronos was withdrawn from sale 1st September 2016 and the product is in the process of being retired.

Urban WCA8: Bitstream Managed Backhaul (Bitstream MB) Product Set

Service	Effective From	Effective to	Base Rental €	Usage Charge €
8Mb Bitstream MB – 8192/512 kb/s	01/07/2019		8.92	See section 2.3.6
24 Mb Bitstream MB – 24576/768 kb/s	01/07/2019		9.92	See section 2.3.6
Standalone 8Mb Bitstream MB- 8192/512 kb/s	01/07/2019		21.97	See section 2.3.6
Standalone 24 Mb Bitstream MB – 24576/768 kb/s	01/07/2019		22.97	See section 2.3.6

⁸ The list of exchanges defined by ComReg as Urban WCA is set out in Annex 11, paragraph 11.2 of ComReg 18/94.

Urban WCA⁹ Usage Charges

Urban WCA¹⁰: Bitstream Managed Backhaul (Bitstream MB) Usage Charges

The Usage Charge is based on 95th Percentile Billing and is aggregated across all ports attached to Bitstream MB product per Access Seeker.

The Bitstream Managed Backhaul usage for each Access Seeker is measured at 5 minute intervals over the course of a month.

For example, 8,640 usage measurements are recorded during a 30 day month. The 8,640 usage values calculated for the month are then sorted from the highest to lowest value. The top 5% of values in this list are removed. The highest remaining amount is the 95th Percentile Usage in Mbps.

From 1 July 2019

For this period the total BMB usage measured at the 95th percentile as described above will be charged at €0.73 per Mbps each month.

Urban WCA¹¹ Same Area Handover (SAH) Discount

There is no SAH discount in the Urban WCA Market for CGA services from 1/07/2019.

⁹ The list of exchanges defined by ComReg as Urban WCA is set out in Annex 11, paragraph 11.2 of ComReg 18/94.

¹⁰ The list of exchanges defined by ComReg as Urban WCA is set out in Annex 11, paragraph 11.2 of ComReg 18/94.

¹¹ The list of exchanges defined by ComReg as Urban WCA is set out in Annex 11, paragraph 11.2 of ComReg 18/94.

2 Urban WCA¹² NGA Bitstream Plus Charges

The price for open eir's NGA Bitstream Plus Service is made up of a number of elements. This price list refers to the elements of the service in that are priced differently to the open eir Bitstream Service Price List as indicated below:

- Port Rental – This price list
- Port Connection – WBARO Bitstream Price list
- Migration (per port) – WBARO Bitstream Price list
- Aggregate usage charge (Bitstream Plus only) – This price list
- Unicast– WBARO Bitstream Price list
- Multicast – WBARO Bitstream Price list

Prices are effective from the date indicated on this Price List. Where applicable tables indicate the time frames for which a charge is valid with “effective from” and “effective to” dates shown. This open eir Urban WCA Bitstream Service Price List will be updated and republished from time to time.

Operators will be notified when changes are made to the Bitstream Service Price List published on open eir's website. The charges relevant to each service are listed in EURO.

Monthly Rental Charges

<u>Service – Urban WCA¹³ FTTC</u>	<u>Effective From</u>	<u>Effective to</u>	<u>Price €</u>
<u>NGA Bitstream Plus Standalone</u>	<u>01/07/2019</u>		<u>28.84</u>
<u>NGA Bitstream Plus POTS Based</u>	<u>01/07/2019</u>		<u>13.93</u>

¹² The list of exchanges defined by ComReg as Urban WCA is set out in Annex 11, paragraph 11.2 of ComReg 18/94.

¹³ The list of exchanges defined by ComReg as Urban WCA is set out in Annex 11, paragraph 11.2 of ComReg 18/94.

<u>Service - Urban WCA¹⁴ FTTH</u>	<u>Effective From</u>	<u>Effective to</u>	<u>Price €</u>
<u>NGA Bitstream Plus Standalone 150Mbps</u>	<u>01/07/2019</u>		<u>29.34</u>
<u>NGA Bitstream Plus Standalone 300Mbps</u>	<u>01/07/2019</u>		<u>34.34</u>
<u>NGA Bitstream Plus Standalone 1000Mbps</u>	<u>01/07/2019</u>		<u>44.34</u>
<u>NGA Bitstream Plus POTS Based 150Mbps</u>	<u>01/07/2019</u>		<u>14.93</u>
<u>NGA Bitstream Plus POTS Based 300Mbps</u>	<u>01/07/2019</u>		<u>19.93</u>
<u>NGA Bitstream Plus POTS Based 1000Mbps</u>	<u>01/07/2019</u>		<u>29.93</u>

¹⁴ The list of exchanges defined by ComReg as Urban WCA is set out in Annex 11, paragraph 11.2 of ComReg 18/94.

NGA Bitstream Plus Usage - Monthly Charge From 1 July 2019

An outline of the usage model to derive the monthly usage charge is provided below:

1. The traffic is measured every 15 minutes over the course of a month.
2. The traffic measurements at each 15 minute interval on each BPU circuit are as follows:

<u>Downstream ST Traffic</u>	<u>Upstream ST Traffic</u>
<u>Downstream AF Traffic</u>	<u>Upstream AF Traffic</u>
<u>Downstream EF Traffic</u>	<u>Upstream EF Traffic</u>

3. For this set of values – the higher of the two ST readings, the higher of the two AF readings and the higher of the two EF readings are chosen e.g. HIGH ST value; HIGH AF value and HIGH EF value are identified (BPU set of values)
4. Therefore, over the course of a month each BPU circuit will have these 3 values recorded every 15 minutes.
5. The Factored 95th Percentile Usage can be calculated at the end of the month as follows:
 - a. The set of BPU Values at each 15 minutes interval are plugged into the formula:

$$\text{BPU Usage @ 15 interval} = [\text{HIGH ST} * 1 + \text{HIGH AF} * 1.25 + \text{HIGH EF} * 1.5]$$
 - b. The “BPU Usage @ 15 min interval” for all circuits is then added together to get the “BPU Aggregate Usage @ 15 interval”.
 - c. The values at each 15 minute interval for the “BPU Aggregate Usage @ 15 min interval” are then sorted from highest to lowest with the highest 5% of values removed to obtain the “Factored 95th Percentile Usage”

From 1 July 2019

For this period the NGA usage measured at the 95th percentile as described above will be charged at €0.44 per Mbps each month.

Urban WCA¹⁵ Same Area Handover (SAH) Discount

There is no SAH discount in the Urban WCA Market for NGA services from 1/07/2019.

¹⁵ The list of exchanges defined by ComReg as Urban WCA is set out in Annex 11, paragraph 11.2 of ComReg 18/94.

Version Control History

Version	Status	Update	Effective Date
1.00		Initial publication of open eir Commercial Interconnection Services Price List	01/02/2008
1.01		International Rate Change	01/03/2008
1.02		New open eir National Directory Enquiries	01/04/2008
1.03		International Rate Change	01/04/2008
1.04		International Rate Change	01/05/2008
1.05		International Rate Change	01/06/2008
1.06		International Rate Change	01/07/2008
1.07		International Rate Change	01/08/2008
1.08		International Rate Change	01/09/2008
1.09		International Rate Change	01/10/2008
1.10		International Rate Change	24/10/2008
1.11		International Rate Change	01/11/2008
1.12		New open eir National Directory Enquiries International Rate Change	01/01/2009 01/12/2008
1.13		International Rate Change	01/01/2009
1.14		International Rate Change	01/02/2009
1.15		International Rate Change	01/03/2009
1.16		International Rate Change	01/04/2009
1.17		International Rate Change	01/05/2009
1.18		International Rate Change	01/06/2009
1.19		International Rate Change	01/07/2009
1.20		open eir Special Directory Enquiries	01/07/2009
1.21		International Rate Change	01/08/2009
1.22		New open eir National Directory Enquiries	01/09/2009
1.23		International Rate Change	01/09/2009
1.24		International Rate Change	01/10/2009
1.25		International Rate Change	01/11/2009
1.26		International Rate Change	01/12/2009
1.27		International Rate Change	01/01/2010
1.28		International Rate Change	01/02/2010
1.29		International Rate Change	01/03/2010
1.30		International Rate Change	01/04/2010
1.31		New open eir National Directory Enquiries	01/05/2010
1.32		International Rate Change	01/05/2010
1.33		International Rate Change	01/06/2010
1.34		International Rate Change	01/07/2010



1.35		International Rate Change New open eir National Directory Enquiries	01/08/2010 01/09/2010
1.36		International Rate Change	01/09/2010
1.37		International Rate Change	01/10/2010
1.38		International Rate Change	01/11/2010
1.39		International Rate Change	01/12/2010
1.40		International Rate Change	01/01/2011
1.41		International Rate Change	01/02/2011
1.42		International Rate Change	01/03/2011
1.43		New open eir National Directory Enquiries	01/04/2011
1.44		International Rate Change	01/04/2011
1.45		International Rate Change	01/05/2011
1.46		International Rate Change	01/06/2011
1.47		International Rate Change	01/07/2011
1.48		International Rate Change	01/08/2011
1.49		International Rate Change	01/09/2011
1.50		International Rate Change	01/10/2011
1.51		International Rate Change	01/11/2011
1.52		International Rate Change	01/12/2011
1.53		International Rate Change	01/01/2012
1.54		International Rate Change	01/02/2012
1.55		International Rate Change	01/03/2012
1.56		International Rate Change	01/04/2012
1.57		International Rate Change	01/05/2012
1.58		International Rate Change	01/06/2012
1.59		International Rate Change	01/07/2012
1.60		International Rate Change	01/08/2012
1.61		New open eir National Directory Enquiries	01/10/2012
1.62		International Rate Change	01/10/2012
1.63		International Rate Change	01/11/2012
1.64		International Rate Change	01/04/2013
1.65		International Rate Change	01/07/2013
1.66		International Rate Change	01/08/2013
1.67		International Rate Change	01/10/2013
1.68		International Rate Change	01/01/2014
1.69		International Rate Change	01/02/2014
1.70		International Rate Change New open eir National Directory Enquiries New open eir International Directory Enquiries	01/03/2014 01/04/2014 01/04/2014
1.71		International Rate Change	01/04/2014
1.72		International Rate Change	01/05/2014

1.73		International Rate Change	01/06/2014
1.74		International Rate Change	01/07/2014
1.75		International Rate Change	01/08/2014
1.76		International Rate Change	01/09/2014
1.77		International Rate Change	01/10/2014
1.78		International Rate Change	01/12/2014
1.79		International Rate Change	01/02/2015
1.80		New open eir National Directory Enquiries New open eir International Directory Enquiries	16/04/2015 16/04/2015
1.81		International Rate Change	01/03/2015
1.82		International Rate Change	01/05/2015
1.83		International Rate Change	28/05/2015
1.84		International Rate Change	29/06/2015
1.85		International Rate Change	28/08/2015
1.86		International Rate Change	30/08/2015
1.87		Moved National Transit From RIO PL	24/01/2016
1.88		International Rate Change	01/04/2016
1.89		International Rate Change	01/05/2016
1.90		International Rate Change	01/07/2016
1.91		International Rate Change	01/08/2016
1.92		International Rate Change	01/09/2016
1.93		International Rate Change	01/10/2016
1.94		International Rate Change	01/11/2016
1.95		International Rate Change	01/12/2016
1.96		International Rate Change	01/02/2017
1.97		New National DQ and International DQ rates	01/04/2017
1.98		International Rate Change	01/03/2017
1.99		International Rate Change	01/04/2017
1.100		International Rate Change	01/05/2017
V2.0	Final	This document is based on V1.100 Implementation of Standardised Change Control.	30/06/2017
V3.0	Final	International Rate Change	01/07/2017