

eircom
Network Price List
(formerly the eircom RIO Network Price List)

This *eircom* Network Price List is effective from 1st April 2010 and is published on the *eircom* Wholesale web site.

This list contains details of the network services detailed in Annex C of the *eircom* Reference Interconnect Offer and/or Annex C of the Leased Line Reference Offer.

Version Status Report

| Version | Status | Source | Effective Date |
|----------------|-----------------|--|--|
| 3.7 | Approved | Addition of pricing for Wholesale Ethernet Interconnect Link (Service Schedule 013) and Wholesale Symmetrical Ethernet Access (Service Schedule 014) | 03/08/2010 (Note: Version 3.7 Fully withdrawn pre launch) |
| 3.7A | Approved | Revised pricing for Wholesale Ethernet Interconnect Link (Service Schedule 013) and Wholesale Symmetrical Ethernet Access (Service Schedule 014) | 16/08/2010 |
| 3.8 | Approved | Addition of pricing for Wholesale Symmetrical Ethernet Access Traffic Based Class of Service (Service Schedule 014) | 14/09/2010 |
| 3.9 | Approved | Revised pricing for Interconnect and Partial Private Circuit Transport Links (Service Schedule 001), Revised pricing for End User Links (Service Schedule 003) and), Revised pricing for Ethernet Access Circuits (Service Schedule 008) | 01/01/2011 |
| 4.0 | Approved | Revised 1 Gbps WEIL ISH & IBH connection and rentals Addition of 10 Gbps WEIL ISH & IBH connection and rentals | 16/03/11 |
| 4.1 | Approved | Revised PPC EUL Local Access Charges | 01/07/2011 |
| 4.2 | Approved | Addition of QIB & PIB pricing for WEIL IBH | 21/04/2011 |
| 4.3 | Approved | Revised to PPC EUL rental charges. Addition of text re Connections (Service Schedules 008, 010 & 012). Addition of text re Cancellations (Service Schedules 013 & 014). Revised Service Schedule 013 to include WEIL ENH. Revised Service Schedule 014 to include WSEA pricing to a WEIL Edge Node handover (ENH). | 01/07/2011 01/06/11 01/06/11 |
| 4.4 | Approved | Node Reach rentals price change | 01/07/11 |
| 4.5 | Approved | Revised Interconnect Path rental charges Addition of text re Connections (Service Schedule 014) | 01/10/2011 |
| 4.6 | Approved | PPC EUL connection promotion Leased Line connection promotion | 01/11/2011 01/11/2011 |
| 4.7 | Approved | Revised pricing for PPC Transport Links (Service Schedule 001) | 01/10/2011 |
| 4.8 | Approved | Increased EF & AF limits (Service Schedule 014) | 01/10/2011 |
| 4.9 | Approved | Addition of WSEA IBH connection and rental charges plus QIB & PIB pricing (Service Schedule 014) | 11/11/2011 |
| 5.0 | Approved | Addition of Wholesale Local Loop Unbundling Backhaul (Service Schedule 015) | 02/12/2011 |
| 5.1 | Approved | Addition of WSEA Option 6 (Service Schedule 014) | 06/01/2012 |
| 5.2 | Approved | Addition of WEIL ENH 1+1 protection (Service Schedule 013) | 20/01/2012 |
| 5.3 | Approved | PPC EUL connection promotion Leased Line connection promotion | 01/05/2012 01/05/2012 |

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| SERVICE SCHEDULE NUMBER | SERVICE TITLE |
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| 001 | Interconnect and Partial Private Circuit Transport Links |
| 002 | Interconnect Paths |
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| 004 | Partial Private Circuit Migration |
| 005 | ISI Bearers |
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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. Where no dates are indicated, the prices are effective from 15th July 2003 but many of the listed rates have been effective for some time prior to that date. This *eircom* Network Price List will be updated and republished from time to time.

Operators will be notified when changes are made to the Network Price List published on *eircom*'s website.

The charges relevant to each service are listed in Euro.

Service Schedule 001
Interconnect and Partial Private Circuit Transport Links

1. Charging for STMx CSH Transport Links

1.1.1 The charges for STM1 CSH Transport Links shall comprise of both installation and annual maintenance elements as set out below.

Table 1

| Element | Charge | Effective from | Effective to |
|---|---------|----------------|--------------|
| | EURO | | |
| Paper Migration of existing path | 1811.11 | | |
| New Connection | 2352.33 | | 30/09/2009 |
| New Connection | 2187.66 | 01/10/2009 | 31/03/2010 |
| New Connection | 2078.27 | 01/04/2010 | 31/12/2010 |
| New Connection | 1974.35 | 01/01/2011 | |
| New Connection with 1+1 Card protection | 2428.22 | | 30/09/2009 |
| New Connection with 1+1 Card protection | 2263.55 | 01/10/2009 | 31/03/2010 |
| New Connection with 1+1 Card protection | 2150.37 | 01/04/2010 | 31/12/2010 |
| New Connection with 1+1 Card protection | 2042.85 | 01/01/2011 | |
| New Connection with n+1 Card Protection | 2395.23 | | 30/09/2009 |
| New Connection with n+1 Card Protection | 2230.56 | 01/10/2009 | 31/03/2010 |
| New Connection with n+1 Card Protection | 2119.03 | 01/04/2010 | 31/12/2010 |
| New Connection with n+1 Card Protection | 2013.07 | 01/01/2011 | |
| New Connection 1+1 Card Protection on existing Transport Link | 269.85 | | |
| New Connection n+1 Card Protection on existing Transport Link | 236.86 | | |
| Annual Rental (Up to 1.5km) | 15,105 | | 30/06/2006 |
| Annual Rental (Up to 1.5km) | 11,329 | 01/07/2006 | 30/09/2011 |
| Annual Rental (Up to 1.5km) | 8,702 | 01/10/2011 | |
| Annual Rental per additional 100 metres or part thereof | 504 | | 30/06/2006 |
| Annual Rental per additional 100 metres or part thereof | 378 | 01/07/2006 | 30/09/2011 |
| Annual Rental per additional 100 metres or part thereof | 154 | 01/10/2011 | |
| Annual Rental for 1+1 Card Protection | 404 | | |
| Annual Rental for n+1 Card Protection | 202 | | |

1.1.2 The charges for STM4 CSH Transport Links shall comprise of both installation and annual maintenance elements as set out below.

Table 2

| Element | Charge | Effective from | Effective to |
|---|---------|----------------|--------------|
| | EURO | | |
| Paper Migration of existing path | 1811.11 | | |
| New Connection | 2352.33 | | 30/09/2009 |
| New Connection | 2187.66 | 01/10/2009 | 31/03/2010 |
| New Connection | 2078.27 | 01/04/2010 | 31/12/2010 |
| New Connection | 1974.35 | 01/01/2011 | |
| New Connection with 1+1 Card Protection | 2428.22 | | 30/09/2009 |
| New Connection with 1+1 Card Protection | 2263.55 | 01/10/2009 | 31/03/2010 |
| New Connection with 1+1 Card Protection | 2150.37 | 01/04/2010 | 31/12/2010 |
| New Connection with 1+1 Card Protection | 2042.85 | 01/01/2011 | |
| New Connection for 1+1 Card Protection on existing Transport Link | 269.85 | | |
| Annual Rental (Up to 1.5km) | 19,147 | | 30/06/2006 |
| Annual Rental (Up to 1.5km) | 14,360 | 01/07/2006 | 30/09/2011 |
| Annual Rental (Up to 1.5km) | 11,057 | 01/10/2011 | |
| Annual Rental per additional 100 metres or part thereof | 504 | | 30/30/06 |
| Annual Rental per additional 100 metres or part thereof | 378 | 01/07/2006 | 30/09/2011 |
| Annual Rental per additional 100 metres or part thereof | 154 | 01/10/2011 | |
| Annual Rental for 1+1 Card Protection | 712 | | |

1.1.3 The charges for STM16 CSH Transport Links shall comprise of both installation and annual maintenance elements as set out below.

Table 3

| Element | Charge | Effective from | Effective to |
|---|----------|----------------|--------------|
| | EURO | | |
| Paper Migration of existing path | 1,811.11 | | |
| New Connection | 2,352.33 | | 30/09/2009 |
| New Connection | 2,187.66 | 01/10/2009 | 31/03/2010 |
| New Connection | 2078.27 | 01/04/2010 | 31/12/2010 |
| New Connection | 1974.35 | 01/01/2011 | |
| New Connection with 1+1 Card Protection | 2,428.22 | | 30/09/2009 |
| New Connection with 1+1 Card Protection | 2,263.55 | 01/10/2009 | 31/03/2010 |
| New Connection with 1+1 Card Protection | 2150.37 | 01/04/2010 | 31/12/2010 |
| New Connection with 1+1 Card Protection | 2042.85 | 01/01/2011 | |
| New Connection for 1+1 Card Protection on existing Transport Link | 269.85 | | |
| Annual Rental (Up to 1.5km) STM-16 | 18,541 | 30/07/2007 | 30/09/2011 |
| Annual Rental (Up to 1.5km) STM-16 | 14,277 | 01/10/2011 | |
| Annual Rental per additional 100 metres or part thereof | 378 | | 30/09/2011 |
| Annual Rental per additional 100 metres or part thereof | 154 | 01/10/2011 | |
| Annual Rental for 1+1 Card Protection | 1,279 | | |

1.2 Charging for In-span Hand-over of Transport Links

- 1.2.1 The charges for ISH Transport Links, transferred from existing ISI Interconnect Capacity, shall comprise of both connection and annual maintenance elements as set out in Table 3 below.

Table 4

| In-span service provided | Paper Migration Charge | Annual Maintenance |
|---------------------------|------------------------|--------------------|
| | EURO | EURO |
| STM1 Capacity | 1790.49 | 1,054 |
| Additional charge per 50m | 0 | 53 |
| STM 4 Capacity | 1790.49 | 1,656 |
| Additional charge per 50m | 0 | 53 |

- 1.2.2 The charges for ISH Transport Links, delivered as new capacity, shall comprise of both connection and annual maintenance elements as set out in Table 4 below.

Table 5

| In-span service provided | Connection Fee | Annual Maintenance | Effective from | Effective to |
|---------------------------|----------------|--------------------|----------------|--------------|
| | EURO | EURO | | |
| STM1 Capacity | 18,337.71 | 1,054 | | 30/06/2006 |
| STM1 Capacity | 16,962 | 1,054 | 01/07/2006 | 30/09/2009 |
| STM1 Capacity | 15,775 | 1,054 | 01/10/2009 | 31/03/2010 |
| STM1 Capacity | 14986 | 1,054 | 01/04/2010 | 31/12/2010 |
| STM1 Capacity | 14236.70 | 1,054 | 01/01/2011 | |
| Additional charge per 50m | 801 | 53 | | 30/09/2009 |
| Additional charge per 50m | 745 | 53 | 01/10/2009 | 31/03/2010 |
| Additional charge per 50m | 707 | 53 | 01/04/2010 | 31/12/2010 |
| Additional charge per 50m | 671.65 | 53 | 01/01/2011 | |
| STM 4 Capacity | 27,483.71 | 1,656 | | 30/06/2006 |
| STM 4 Capacity | 25,422 | 1,656 | 01/07/2006 | 30/09/2009 |
| STM 4 Capacity | 23,642 | 1,656 | 01/10/2009 | 31/03/2010 |
| STM 4 Capacity | 22459 | 1,656 | 01/04/2010 | 31/12/2010 |
| STM 4 Capacity | 21336.05 | 1,656 | 01/01/2011 | |
| STM 16 Capacity | 37,175 | 2,302 | 30/07/2007 | 30/09/2009 |
| STM 16 Capacity | 34,573 | 2,302 | 01/10/2009 | 31/03/2010 |
| STM 16 Capacity | 32844 | 2,302 | 01/04/2010 | 31/12/2010 |
| STM 16 Capacity | 31201.80 | 2,302 | 01/01/2011 | |
| Additional charge per 50m | 801 | 53 | | 30/09/2009 |
| Additional charge per 50m | 745 | 53 | 01/10/2009 | 31/03/2010 |
| Additional charge per 50m | 707 | 53 | 01/04/2010 | 31/12/2010 |
| Additional charge per 50m | 671.65 | 53 | 01/01/2011 | |

1.3 Charging for 2Mbit/s Transport Links

The charges for 2Mbit/s Transport Links are as set out below:

Table 6

| Element | Charge | Effective from | Effective to |
|---|--------|----------------|--------------|
| | EURO | | |
| Paper Migration of existing path | 173.55 | | |
| New Connection | 561.03 | | 30/09/2009 |
| New Connection | 521.76 | 01/10/2009 | 31/03/2010 |
| New Connection | 495.67 | 01/04/2010 | 31/12/2010 |
| New Connection | 470.88 | 01/01/2011 | |
| Annual Rental (Up to 1.5km) | 3,174 | | 30/06/2006 |
| Annual Rental (Up to 1.5km) | 2,763 | 01/07/2006 | 30/09/2011 |
| Annual Rental (Up to 1.5km) | 2,269 | 01/10/2011 | |
| Annual Rental per additional 100 metres or part thereof | 0** | | |

**There is no additional charge after 1.5km but service delivery may be limited by the range available from the HDSL modem and copper pairs.

1.4 Charging for 2Mbit/s Subsidiary Links

The charges for 2Mbit/s Subsidiary Links, also referred to as Channelised E1 Links, are as set out below:

Table 7

| Element | Charge | Effective from | Effective to |
|----------------|--------|----------------|--------------|
| | EURO | | |
| New Connection | 303.96 | | 30/09/2009 |
| New Connection | 282.68 | 01/10/2009 | 31/03/2010 |
| New Connection | 268.54 | 01/04/2010 | 31/12/2010 |
| New Connection | 255.11 | 01/01/2011 | |

1.5 Charging for PPC STMx Transport Link Protection

The connection charges for PPC STM1, STM4 and STM-16 Transport Link Protection are set out below:

Table 8

| Option | Transport Link Bandwidth | Connection | Effective from |
|-----------------|--------------------------|------------|----------------|
| | | EURO | 16/09/05 |
| 1 | STM1 | 2,352 | 16/09/05 |
| 1 | STM4 | 2,352 | 16/09/05 |
| 1 | STM16 | 2,352 | 30/07/07 |
| 2 | STM1 | 31,247 | 16/09/05 |
| 2 | STM4 | 43,393 | 16/09/05 |
| 2 | STM16 | 53,676 | 30/07/07 |
| 3 | STM1 | 16,799 | 16/09/05 |
| 3 | STM4 | 22,873 | 16/09/05 |
| 3 | STM16 | 28,041 | 30/07/07 |
| 4 | STM1 | 31,247 | 16/09/05 |
| 4 | STM4 | 43,393 | 16/09/05 |
| 4 | STM16 | 53,676 | 30/07/07 |
| 5 | STM1 | 16,799 | 16/09/05 |
| 5 | STM4 | 22,873 | 16/09/05 |
| 5 | STM16 | 28,014 | 30/07/07 |
| 6 | STM1 | 2,242 | 16/09/05 |
| 6 | STM4* | 3,552 | 16/09/05 |
| 6 | STM16 | 4,523 | 30/07/07 |
| 7 | STM1 | 5,913 | 16/09/05 |
| 7 | STM4* | 7,223 | 16/09/05 |
| 7 | STM16 | 7,643 | 30/07/07 |
| Card Protection | STM1 | 2,352 | 16/09/05 |
| Card Protection | STM4 & STM-16 | 2,352 | 16/09/05 |

Additional connection charges per 50 metres or part thereof for PPC ISH STM4 Transport Link Protection are set out below:

Table 9

| Option | Transport Link Bandwidth | Connection Charge | Effective from |
|--------|--------------------------|-------------------|----------------|
| 6 | STM 4 | 801 | 16/09/05 |
| 7 | STM 4 | 801 | 16/09/05 |

The local end and main link charges for PPC STM1, STM4 and STM-16 Transport Link Protection are set out below:

Table 10

| Option | Transport Link Bandwidth | Local end to 1.5km | Local end >1.5km per 100m | Main Link Access | Main Link Distance per km | Effective from |
|----------|--------------------------|--------------------|---------------------------|------------------|---------------------------|----------------|
| 1 | STM1 | 4126 | 504 | | | 16/09/05 |
| 1 | STM4 | 4953 | 504 | | | 16/09/05 |
| <u>3</u> | STM16 | <u>5597</u> | <u>504</u> | | | 30/07/07 |
| 2 | STM1 | 7172 | 504 | | | 16/09/05 |
| 2 | STM4 | 8909 | 504 | | | 16/09/05 |
| 2 | STM16 | 11,976 | 504 | | | 30/07/07 |
| 3 | STM1 | 5106 | 504 | | | 16/09/05 |
| <u>3</u> | STM4 | 5973 | 504 | | | 16/09/05 |
| <u>3</u> | STM16 | <u>6,795</u> | <u>504</u> | | | 30/07/07 |

Table 11

| Option | Transport Link Bandwidth | Local end to 0.5km | Local end >0.5km per 100m | Main Link Access | Main Link Distance per km | Effective from |
|----------|--------------------------|--------------------|---------------------------|------------------|---------------------------|----------------|
| 4 | STM1 | <u>6936</u> | <u>504</u> | <u>4595</u> | <u>474</u> | 16/09/05 |
| 4 | STM4 | <u>7544</u> | <u>504</u> | <u>7666</u> | <u>752</u> | 16/09/05 |
| <u>4</u> | STM16 | <u>8002</u> | <u>504</u> | <u>9271</u> | <u>902</u> | 30/07/07 |

Table 12

| Option | Transport Link Bandwidth | Local end to 1.5km | Local end >1.5km per 100m | Main Link Access | Main Link Distance per km | Effective from |
|-----------------|--------------------------|--------------------|---------------------------|------------------|---------------------------|----------------|
| 5 | STM1 | 10287 | 504 | 4595 | 474 | 16/09/05 |
| 5 | STM4 | 10890 | 504 | 7666 | 752 | 16/09/05 |
| <u>5</u> | STM16 | <u>11,976</u> | <u>504</u> | <u>9271</u> | <u>902</u> | 30/07/07 |
| Card Protection | STM1 | 4126 | 504 | | | 16/09/05 |
| Card Protection | STM4 | 4953 | 504 | | | 16/09/05 |
| Card Protection | STM16 | <u>6957</u> | <u>504</u> | | | 30/07/07 |

The survey charges for PPC STM1, STM4 and STM-16 Transport Link Protection are set out below:

Table 13

| Option | Element | Charge | Effective from |
|-------------|-------------|--------|----------------|
| All Options | Desk Survey | 250 | 16/09/05 |
| All Options | Site Survey | 1000 | 16/09/05 |

Service Schedule 002
Interconnect Paths

1. *eircom* Interconnect Path Charges for Customer Sited Interconnection

For each of the initial two Interconnect Paths from any Operator Interconnect Node to any *eircom* Interconnect Node the charges shall be as set out below. The rationale for separate charging for the initial two Interconnect Paths is set out in Appendix 2 of Service Schedule 002, which should be read in conjunction with the Technical Manual.

Table 1

| Element | Charge | Effective from | Effective to |
|--|----------|----------------|--------------|
| | € | | |
| Transmission Connection | 1,733.19 | | 31/12/2003 |
| Intra-building Connection | 126.97 | | 31/12/2003 |
| Connection Fee | 776.78 | 01/01/2004 | |
| Local End rental per annum (up to 1.5km) | 2,571.22 | | |
| Local End Rental above 1.5km per 100m | 184.11 | | |
| Main Link rental per annum | 1,706.53 | | |
| Main Link Distance rental per km per annum 1 –30 km | 298.39 | - | 31/12/2003 |
| Main Link Distance rental per km per annum 1 –30 km | 194 | 01/01/2004 | 30/09/2009 |
| Main Link Distance rental per km per annum 1 –20 km | 194 | 01/10/2009 | 30/09/2011 |
| Main Link Distance rental per km per annum 1 – 30 km | 176 | 01/10/2011 | |
| Main Link Distance rental per km per annum above 30 km | 90.15 | - | 31/12/2003 |
| Main Link Distance rental per km per annum above 30 km | 104 | 01/01/2004 | 30/09/2009 |
| Main Link Distance rental per km per annum above 20 km | 104 | 01/10/2009 | 30/09/2011 |
| Main Link Distance rental per km per annum above 30 km | 104 | 01/10/2011 | |
| Intra-building rental per annum | 1,848.74 | | |

1.2 For each additional Interconnect Path on an existing Interconnect Link the charges are as set out below:

Table 2

| Element | Charge | Effective from | Effective to |
|--|----------|----------------|--------------|
| | € | | |
| Transmission Connection | 1,733.19 | | 31/12/2003 |
| Intra-building Connection | 126.97 | | 31/12/2003 |
| Connection Fee | 776.78 | 01/01/2004 | |
| Local End rental per annum | 2,571.22 | | |
| Local End Rental above 1.5km per 100m | 184.11 | | |
| Main Link rental per annum | 1,706.53 | | |
| Main Link Distance rental per km per annum 1 –30 km | 298.39 | - | 31/12/2003 |
| Main Link Distance rental per km per annum 1 –30 km | 195 | 01/01/2004 | 30/09/2009 |
| Main Link Distance rental per km per annum 1 –20 km | 195 | 01/10/2009 | 30/09/2011 |
| Main Link Distance rental per km per annum 1 – 30 km | 176 | 01/10/2011 | |
| Main Link Distance rental per km per annum above 30 km | 90.15 | - | 31/12/2003 |
| Main Link Distance rental per km per annum above 30 km | 104 | 01/01/2004 | 30/09/2009 |
| Main Link Distance rental per km per annum above 20 km | 104 | 01/10/2009 | 30/09/2011 |
| Main Link Distance rental per km per annum above 30 km | 104 | 01/10/2011 | |
| Intra-building rental per annum | 1,544.00 | | |

1.3 The Local End rental per annum is applied when the level of utilisation of the transmission system in the access networks reaches the defined thresholds. Charges for Local End rental per annum are as set out below.

Table 3

| Number of E1's utilised | Local End rental per annum up to 1.5 | Local End rental per annum above 1.5 per 100m |
|-------------------------|--------------------------------------|---|
| | EURO | EURO |
| 1 – 20 | 2,571.22 | 184.11 |
| 21 – 30 | 1,930.00 | 114.28 |
| 31 and over | 1,574.48 | 76.18 |

2. Charging for Interconnect Paths provided over Partial Private Circuit Transport Links

- 2.1 Charges for Interconnect Paths provided on a CSH or ISH Transport Link, excluding ISH Transport Links migrated from ISI Bearers, to the *eircom* Interconnect Node at which the Transport Link terminates are as set out below

Table 4

| Element | Charge | Effective From | Effective To |
|----------------------------------|--------|----------------|--------------|
| | EURO | | |
| Paper migration of existing path | 86.55 | | |
| Connection | 288.06 | | |
| Circuit rental per annum | 3,299 | | 30/06/06 |
| Circuit rental per annum | 3,038 | 1/07/06 | |

- 2.2 Charges for Interconnect Paths provided on a Transport Link, excluding ISH Transport Links migrated from ISI Bearers, to an *eircom* Interconnect Node other than that at which the Transport Link terminates are as set out below.

Table 5

| Element | Charge | Effective from | Effective to |
|--|--------|----------------|--------------|
| | EURO | | |
| Paper migration of existing path | 86.55 | | |
| Connection | 288.06 | | |
| Main Link rental per annum | 3,299 | | 30/06/2006 |
| Main Link rental per annum | 3,038 | 01/07/2006 | |
| Main Link Distance rental per km per annum 1 –30 km | 195 | | 30/09/2009 |
| Main Link Distance rental per km per annum 1 –20 km | 195 | 01/10/2009 | 30/09/2011 |
| Main Link Distance rental per km per annum 1 – 30 km | 176 | 01/10/2011 | |
| Main Link Distance rental per km per annum above 30 km | 104 | | 30/09/2009 |
| Main Link Distance rental per km per annum above 20 km | 104 | 01/10/2009 | 30/09/2011 |
| Main Link Distance rental per km per annum above 30 km | 104 | 01/10/2011 | |

2.3 Charges for Interconnect Paths provided over Channelised STM 1 Interconnect Access, ISI Bearers or the ISH Transport Link after migration from ISI Bearer and terminating at the Interconnect Node at which the Transport Link or ISI Bearer terminates are set out below.

Table 6

| Element | Charge | Effective From | Effective To |
|----------------------------------|--------|----------------|--------------|
| | EURO | | |
| Paper migration of existing path | 86.55 | | |
| Connection | 288.06 | 01/01/04 | |
| Circuit rental per annum* | 2,274 | 01/01/04 | 30/06/06 |
| Circuit rental per annum | 2,094 | 1/07/06 | |

*this charge replaces both the “circuit rental per annum” and the “intra building rental per annum” charges raised under ISI pricing. This revised charge will apply from 1st January 2004 for those Interconnect Paths on Channelised STM1 Interconnect Access and ISI Bearers that have not migrated to CSH or ISH before that date. The charges that apply prior to that date are provided in Table 7 below.

Table 7

| Element | Status | Charge EURO | Effective From | Effective to |
|---------------------------------|--------------------------------------|-------------|----------------|--------------|
| Transmission Connection | All Paths | 1,269.74 | | 31/12/03 |
| Intra-building Connection | All Paths | 126.97 | | 31/12/03 |
| Circuit rental per annum | All Paths | 876.12 | | 31/12/03 |
| Intra-building rental per annum | Initial 2 Paths on Interconnect Link | 1,848.74 | | 31/12/03 |
| Intra-building rental per annum | Subsequent Paths | 1,544.00 | | 31/12/03 |

2.3.1 Charges for interconnect paths provided over an CSH Transport Link after migration from a Channelised STM1 Bearer.

Table 8

| Element | Charge | Effective From | Effective To |
|----------------------------------|--------|----------------|--------------|
| | EURO | | |
| Paper migration of existing path | 86.55 | | |
| Circuit rental per annum* | 2,600 | 1/07/05 | 30/06/06 |
| Circuit rental per annum | 2,395 | 1/07/06 | |

2.4 Charges for Interconnect Paths provided over Channelised STM1 Interconnect Access, ISI Bearers or the ISH Transport Link after migration from ISI Bearer and terminating other than at the Interconnect Node at which the Transport Link or ISI Bearer terminates are set out below.

Table 9

| Element | Charge | Effective From | Effective To |
|--|--------|----------------|--------------|
| | EURO | | |
| Paper migration of existing path | 86.55 | | |
| Connection | 288.06 | 01/01/2004 | |
| Circuit rental per annum** | 3105 | 01/01/2004 | 30/06/2006 |
| Circuit rental per annum | 2,860 | 01/07/2006 | |
| Main Link Distance rental per km per annum 1 - 30 km | 195 | 01/01/2004 | 30/09/2009 |
| Main Link Distance rental per km per annum 1 - 20 km | 195 | 01/10/2009 | 30/09/2011 |
| Main Link Distance rental per km per annum 1 - 30 km | 176 | 01/10/2011 | |
| Main Link Distance rental per km per annum above 30 km | 104 | 01/01/2004 | 30/09/2009 |
| Main Link Distance rental per km per annum above 20 km | 104 | 01/10/2009 | 30/09/2011 |
| Main Link Distance rental per km per annum above 30 km | 104 | 01/10/2011 | |

**this charge replaces both the “main link rental per annum” and the “intra building rental per annum” charges raised under ISI pricing. This revised charge will apply from 1st January 2004 for those Interconnect Paths on Channelised STM1 Interconnect Access and ISI Bearers that have not migrated to CSH or ISH before that date. The charges that apply prior to that date are provided in Table 9 below.

Charges for Interconnect Paths provided over ISH Transport Links, delivered as new capacity, shall be as per Table 4 and Table 5 above.

Table 10

| Element | Status | Charge EURO | Effective From | Effective to |
|---|--------------------------------------|-------------|----------------|--------------|
| Transmission Connection | All Paths | 1,269.74 | | 31/12/03 |
| Intra-building Connection | All Paths | 126.97 | | 31/12/03 |
| Main Link rental per annum | All Paths | 1,706.53 | | 31/12/03 |
| Main Link Distance rental per km per annum 1-30km | All Paths | 298.39 | | 31/12/03 |
| Main Link Distance rental per km per annum above 30km | All Paths | 90.15 | | 31/12/03 |
| Intra-building rental per annum | Initial 2 Paths on Interconnect Link | 1,848.74 | | 31/12/03 |
| Intra-building rental per annum | Subsequent Paths | 1,544.00 | | 31/12/03 |

- 2.5 Volume discounts are applicable for multiple interconnect paths on the same STM1 or STM4 Transport Link, where the interconnect paths terminate on the same interconnect node. These discounts are applied separately to locally terminating interconnect paths and to interconnect extension paths to each individual interconnect node.

Table 11

| Number of Interconnect / Interconnect Extension Paths | % discount on annual rental | Effective From | Effective To |
|--|--|---------------------------|-------------------------|
| 0-9 | 0% | 01/09/05 | |
| 10-19 | 15% | 01/09/05 | |
| 20-29 | 25% | 01/09/05 | |
| 30 and over | 30% | 01/09/05 | |

Service Schedule 003
End User Links

1. The charges for Partial Private Circuit End User Links shall comprise installation, upgrade, downgrade, move, cessation, and annual rental elements as set out below.

Table 1 – Connection and Paper Migration Fees - Effective to 30th September 2009

| End User Link Circuit Speed | Paper migration of existing channelised circuit. Fee in EURO | New Connection; Upgrade/downgrade and move Fee in EURO |
|-----------------------------|--|--|
| 64 kb/s | 125.68 | 544.01 |
| 128 kb/s | 125.68 | 544.01 |
| 192 kb/s | 125.68 | 544.01 |
| 256 kb/s | 125.68 | 544.01 |
| 320 kb/s | 125.68 | 544.01 |
| 384 kb/s | 125.68 | 544.01 |
| 448 kb/s | 125.68 | 544.01 |
| 512 kb/s | 125.68 | 544.01 |
| 576 kb/s | 125.68 | 544.01 |
| 640 kb/s | 125.68 | 544.01 |
| 704 kb/s | 125.68 | 544.01 |
| 768 kb/s | 125.68 | 544.01 |
| 832 kb/s | 125.68 | 544.01 |
| 896 kb/s | 125.68 | 544.01 |
| 960 kb/s | 125.68 | 544.01 |
| 1024 kb/s | 125.68 | 544.01 |
| 1088 kb/s | 125.68 | 544.01 |
| 1152 kb/s | 125.68 | 544.01 |
| 1216 kb/s | 125.68 | 544.01 |
| 1280 kb/s | 125.68 | 544.01 |
| 1344 kb/s | 125.68 | 544.01 |
| 1408 kb/s | 125.68 | 544.01 |
| 1472 kb/s | 125.68 | 544.01 |
| 1536 kb/s | 125.68 | 544.01 |
| 1600 kb/s | 125.68 | 544.01 |
| 1664 kb/s | 125.68 | 544.01 |
| 1728 kb/s | 125.68 | 544.01 |
| 1792 kb/s | 125.68 | 544.01 |
| 1856 kb/s | 125.68 | 544.01 |
| 1920 kb/s | 125.68 | 544.01 |
| 1984 kb/s | 125.68 | 544.01 |
| 2048 kb/s | n/a | 808.67 |
| 34 Mb/s | n/a | 1406.07 |
| 45Mb/s | N/a | 1406.07 |
| 155 Mb/s | n/a | 1953.39 |

Table 1 – Connection and Paper Migration Fees - Effective from 1st October 2009 to 31st March 2010

| End User Link Circuit Speed | Paper migration of existing channelised circuit. Fee in EURO | New Connection; Upgrade/downgrade and move Fee in EURO |
|-----------------------------|--|--|
| 64 kb/s | 125.68 | 505.92 |
| 128 kb/s | 125.68 | 505.92 |
| 192 kb/s | 125.68 | 505.92 |
| 256 kb/s | 125.68 | 505.92 |
| 320 kb/s | 125.68 | 505.92 |
| 384 kb/s | 125.68 | 505.92 |
| 448 kb/s | 125.68 | 505.92 |
| 512 kb/s | 125.68 | 505.92 |
| 576 kb/s | 125.68 | 505.92 |
| 640 kb/s | 125.68 | 505.92 |
| 704 kb/s | 125.68 | 505.92 |
| 768 kb/s | 125.68 | 505.92 |
| 832 kb/s | 125.68 | 505.92 |
| 896 kb/s | 125.68 | 505.92 |
| 960 kb/s | 125.68 | 505.92 |
| 1024 kb/s | 125.68 | 505.92 |
| 1088 kb/s | 125.68 | 505.92 |
| 1152 kb/s | 125.68 | 505.92 |
| 1216 kb/s | 125.68 | 505.92 |
| 1280 kb/s | 125.68 | 505.92 |
| 1344 kb/s | 125.68 | 505.92 |
| 1408 kb/s | 125.68 | 505.92 |
| 1472 kb/s | 125.68 | 505.92 |
| 1536 kb/s | 125.68 | 505.92 |
| 1600 kb/s | 125.68 | 505.92 |
| 1664 kb/s | 125.68 | 505.92 |
| 1728 kb/s | 125.68 | 505.92 |
| 1792 kb/s | 125.68 | 505.92 |
| 1856 kb/s | 125.68 | 505.92 |
| 1920 kb/s | 125.68 | 505.92 |
| 1984 kb/s | 125.68 | 505.92 |
| 2048 kb/s | n/a | 752.06 |
| 34 Mb/s | n/a | 1307.64 |
| 45Mb/s | N/a | 1307.64 |
| 155 Mb/s | n/a | 1816.65 |

Table 1 – Connection and Paper Migration Fees - From 1st April 2010 to 31st December 2010

| End User Link Circuit Speed | Paper migration of existing channelised circuit. Fee in EURO | New Connection; Upgrade/downgrade and move Fee in EURO |
|-----------------------------|--|--|
| 64 kb/s | 125.68 | 480.62 |
| 128 kb/s | 125.68 | 480.62 |
| 192 kb/s | 125.68 | 480.62 |
| 256 kb/s | 125.68 | 480.62 |
| 320 kb/s | 125.68 | 480.62 |
| 384 kb/s | 125.68 | 480.62 |
| 448 kb/s | 125.68 | 480.62 |
| 512 kb/s | 125.68 | 480.62 |
| 576 kb/s | 125.68 | 480.62 |
| 640 kb/s | 125.68 | 480.62 |
| 704 kb/s | 125.68 | 480.62 |
| 768 kb/s | 125.68 | 480.62 |
| 832 kb/s | 125.68 | 480.62 |
| 896 kb/s | 125.68 | 480.62 |
| 960 kb/s | 125.68 | 480.62 |
| 1024 kb/s | 125.68 | 480.62 |
| 1088 kb/s | 125.68 | 480.62 |
| 1152 kb/s | 125.68 | 480.62 |
| 1216 kb/s | 125.68 | 480.62 |
| 1280 kb/s | 125.68 | 480.62 |
| 1344 kb/s | 125.68 | 480.62 |
| 1408 kb/s | 125.68 | 480.62 |
| 1472 kb/s | 125.68 | 480.62 |
| 1536 kb/s | 125.68 | 480.62 |
| 1600 kb/s | 125.68 | 480.62 |
| 1664 kb/s | 125.68 | 480.62 |
| 1728 kb/s | 125.68 | 480.62 |
| 1792 kb/s | 125.68 | 480.62 |
| 1856 kb/s | 125.68 | 480.62 |
| 1920 kb/s | 125.68 | 480.62 |
| 1984 kb/s | 125.68 | 480.62 |
| 2048 kb/s | n/a | 714.45 |
| 34 Mb/s | n/a | 1242.25 |
| 45Mb/s | N/a | 1242.25 |
| 155 Mb/s | n/a | 1725.81 |

Table 1 – Connection and Paper Migration Fees - From 1st January 2011 to 31st October 2011

| End User Link Circuit Speed | Paper migration of existing channelised circuit. Fee in EURO | New Connection; Upgrade/downgrade and move Fee in EURO |
|-----------------------------|--|--|
| 64 kb/s | 125.68 | 456.58 |
| 128 kb/s | 125.68 | 456.58 |
| 192 kb/s | 125.68 | 456.58 |
| 256 kb/s | 125.68 | 456.58 |
| 320 kb/s | 125.68 | 456.58 |
| 384 kb/s | 125.68 | 456.58 |
| 448 kb/s | 125.68 | 456.58 |
| 512 kb/s | 125.68 | 456.58 |
| 576 kb/s | 125.68 | 456.58 |
| 640 kb/s | 125.68 | 456.58 |
| 704 kb/s | 125.68 | 456.58 |
| 768 kb/s | 125.68 | 456.58 |
| 832 kb/s | 125.68 | 456.58 |
| 896 kb/s | 125.68 | 456.58 |
| 960 kb/s | 125.68 | 456.58 |
| 1024 kb/s | 125.68 | 456.58 |
| 1088 kb/s | 125.68 | 456.58 |
| 1152 kb/s | 125.68 | 456.58 |
| 1216 kb/s | 125.68 | 456.58 |
| 1280 kb/s | 125.68 | 456.58 |
| 1344 kb/s | 125.68 | 456.58 |
| 1408 kb/s | 125.68 | 456.58 |
| 1472 kb/s | 125.68 | 456.58 |
| 1536 kb/s | 125.68 | 456.58 |
| 1600 kb/s | 125.68 | 456.58 |
| 1664 kb/s | 125.68 | 456.58 |
| 1728 kb/s | 125.68 | 456.58 |
| 1792 kb/s | 125.68 | 456.58 |
| 1856 kb/s | 125.68 | 456.58 |
| 1920 kb/s | 125.68 | 456.58 |
| 1984 kb/s | 125.68 | 456.58 |
| 2048 kb/s | n/a | 678.72 |
| 34 Mb/s | n/a | 1180.13 |
| 45Mb/s | n/a | 1180.13 |
| 155 Mb/s | n/a | 1639.51 |

Table 1 – Connection and Paper Migration Fees - From 1st November 2011 to 30th April 2012

| End User Link Circuit Speed | Paper migration of existing channelised circuit. Fee in EURO | New Connection; Upgrade/downgrade and move Fee in EURO |
|-----------------------------|--|--|
| 64 kb/s | 125.68 | 0 |
| 128 kb/s | 125.68 | 0 |
| 192 kb/s | 125.68 | 0 |
| 256 kb/s | 125.68 | 0 |
| 320 kb/s | 125.68 | 0 |
| 384 kb/s | 125.68 | 0 |
| 448 kb/s | 125.68 | 0 |
| 512 kb/s | 125.68 | 0 |
| 576 kb/s | 125.68 | 0 |
| 640 kb/s | 125.68 | 0 |
| 704 kb/s | 125.68 | 0 |
| 768 kb/s | 125.68 | 0 |
| 832 kb/s | 125.68 | 0 |
| 896 kb/s | 125.68 | 0 |
| 960 kb/s | 125.68 | 0 |
| 1024 kb/s | 125.68 | 0 |
| 1088 kb/s | 125.68 | 0 |
| 1152 kb/s | 125.68 | 0 |
| 1216 kb/s | 125.68 | 0 |
| 1280 kb/s | 125.68 | 0 |
| 1344 kb/s | 125.68 | 0 |
| 1408 kb/s | 125.68 | 0 |
| 1472 kb/s | 125.68 | 0 |
| 1536 kb/s | 125.68 | 0 |
| 1600 kb/s | 125.68 | 0 |
| 1664 kb/s | 125.68 | 0 |
| 1728 kb/s | 125.68 | 0 |
| 1792 kb/s | 125.68 | 0 |
| 1856 kb/s | 125.68 | 0 |
| 1920 kb/s | 125.68 | 0 |
| 1984 kb/s | 125.68 | 0 |
| 2048 kb/s | n/a | 0 |
| 34 Mb/s | n/a | 1180.13 |
| 45Mb/s | n/a | 1180.13 |
| 155 Mb/s | n/a | 1639.51 |

Table 1 – Connection and Paper Migration Fees - From 1st May 2012 to 30th April 2013

| End User Link Circuit Speed | Paper migration of existing channelised circuit. Fee in EURO | New Connection; Upgrade/downgrade and move Fee in EURO |
|-----------------------------|--|--|
| 64 kb/s | 125.68 | 0 |
| 128 kb/s | 125.68 | 0 |
| 192 kb/s | 125.68 | 0 |
| 256 kb/s | 125.68 | 0 |
| 320 kb/s | 125.68 | 0 |
| 384 kb/s | 125.68 | 0 |
| 448 kb/s | 125.68 | 0 |
| 512 kb/s | 125.68 | 0 |
| 576 kb/s | 125.68 | 0 |
| 640 kb/s | 125.68 | 0 |
| 704 kb/s | 125.68 | 0 |
| 768 kb/s | 125.68 | 0 |
| 832 kb/s | 125.68 | 0 |
| 896 kb/s | 125.68 | 0 |
| 960 kb/s | 125.68 | 0 |
| 1024 kb/s | 125.68 | 0 |
| 1088 kb/s | 125.68 | 0 |
| 1152 kb/s | 125.68 | 0 |
| 1216 kb/s | 125.68 | 0 |
| 1280 kb/s | 125.68 | 0 |
| 1344 kb/s | 125.68 | 0 |
| 1408 kb/s | 125.68 | 0 |
| 1472 kb/s | 125.68 | 0 |
| 1536 kb/s | 125.68 | 0 |
| 1600 kb/s | 125.68 | 0 |
| 1664 kb/s | 125.68 | 0 |
| 1728 kb/s | 125.68 | 0 |
| 1792 kb/s | 125.68 | 0 |
| 1856 kb/s | 125.68 | 0 |
| 1920 kb/s | 125.68 | 0 |
| 1984 kb/s | 125.68 | 0 |
| 2048 kb/s | n/a | 0 |
| 34 Mb/s | n/a | 1180.13 |
| 45Mb/s | n/a | 1180.13 |
| 155 Mb/s | n/a | 1639.51 |

Table 1 – Connection and Paper Migration Fees - From 1st May 2013

| End User Link Circuit Speed | Paper migration of existing channelised circuit. Fee in EURO | New Connection; Upgrade/downgrade and move Fee in EURO |
|-----------------------------|--|--|
| 64 kb/s | 125.68 | 456.58 |
| 128 kb/s | 125.68 | 456.58 |
| 192 kb/s | 125.68 | 456.58 |
| 256 kb/s | 125.68 | 456.58 |
| 320 kb/s | 125.68 | 456.58 |
| 384 kb/s | 125.68 | 456.58 |
| 448 kb/s | 125.68 | 456.58 |
| 512 kb/s | 125.68 | 456.58 |
| 576 kb/s | 125.68 | 456.58 |
| 640 kb/s | 125.68 | 456.58 |
| 704 kb/s | 125.68 | 456.58 |
| 768 kb/s | 125.68 | 456.58 |
| 832 kb/s | 125.68 | 456.58 |
| 896 kb/s | 125.68 | 456.58 |
| 960 kb/s | 125.68 | 456.58 |
| 1024 kb/s | 125.68 | 456.58 |
| 1088 kb/s | 125.68 | 456.58 |
| 1152 kb/s | 125.68 | 456.58 |
| 1216 kb/s | 125.68 | 456.58 |
| 1280 kb/s | 125.68 | 456.58 |
| 1344 kb/s | 125.68 | 456.58 |
| 1408 kb/s | 125.68 | 456.58 |
| 1472 kb/s | 125.68 | 456.58 |
| 1536 kb/s | 125.68 | 456.58 |
| 1600 kb/s | 125.68 | 456.58 |
| 1664 kb/s | 125.68 | 456.58 |
| 1728 kb/s | 125.68 | 456.58 |
| 1792 kb/s | 125.68 | 456.58 |
| 1856 kb/s | 125.68 | 456.58 |
| 1920 kb/s | 125.68 | 456.58 |
| 1984 kb/s | 125.68 | 456.58 |
| 2048 kb/s | n/a | 678.72 |
| 34 Mb/s | n/a | 1180.13 |
| 45Mb/s | n/a | 1180.13 |
| 155 Mb/s | n/a | 1639.51 |

Table 2 – Annual Rental Fees in EURO - Effective from 1st July 06 to 30th June 09

| EUL Circuit Speed | Local end less than 1.5 km Effective from 1st July 06 | Local end > 1.5 km (per 100m) Effective from 1st July 06 | Main Link Access Effective from 1st July 06 | Main Link per km (0 to 30 km) Effective from 1st July 06 | Main Link per km (> 30 km) Effective from 1st July 06 |
|--------------------------|---|---|---|---|---|
| 64 kb/s | 549 | No Additional charge up to 3 km | 364 | 16 | 9 |
| 128 kb/s | 549 | No Additional charge up to 3 km | 605 | 27 | 14 |
| 192 kb/s | 549 | No Additional charge up to 3 km | 846 | 37 | 20 |
| 256 kb/s | 549 | No Additional charge up to 3 km | 1,087 | 48 | 25 |
| 320 kb/s | 549 | No Additional charge up to 3 km | 1,328 | 59 | 31 |
| 384 kb/s | 549 | No Additional charge up to 3 km | 1,569 | 69 | 37 |
| 448 kb/s | 549 | No Additional charge up to 3 km | 1,810 | 80 | 42 |
| 512 kb/s | 549 | No Additional charge up to 3 km | 2,051 | 91 | 48 |
| 576 kb/s | 549 | No Additional charge up to 3 km | 2,260 | 101 | 54 |
| 640 kb/s | 549 | No Additional charge up to 3 km | 2,469 | 112 | 59 |
| 704 kb/s | 549 | No Additional charge up to 3 km | 2,677 | 123 | 65 |
| 768 kb/s | 549 | No Additional charge up to 3 km | 2,886 | 133 | 71 |
| 832 kb/s | 549 | No Additional charge up to 3 km | 3,095 | 144 | 76 |
| 896 kb/s | 549 | No Additional charge up to 3 km | 3,304 | 155 | 82 |
| 960 kb/s | 549 | No Additional charge up to 3 km | 3,512 | 165 | 87 |
| 1024 kb/s | 1,110 | 26.0 up to 3 km | 3,721 | 176 | 93 |
| 1088 kb/s | 1,110 | 26.2 up to 3 km | 3,747 | 177 | 94 |
| 1152 kb/s | 1,110 | 26.3 up to 3 km | 3,773 | 178 | 95 |
| 1216 kb/s | 1,110 | 26.5 up to 3 km | 3,799 | 180 | 95 |
| 1280 kb/s | 1,110 | 26.7 up to 3 km | 3,824 | 181 | 96 |
| 1344 kb/s | 1,110 | 26.9 up to 3 km | 3,850 | 182 | 97 |
| 1408 kb/s | 1,110 | 27.1 up to 3 km | 3,877 | 183 | 97 |
| 1472 kb/s | 1,110 | 27.3 up to 3 km | 3,902 | 184 | 98 |
| 1536 kb/s | 1,110 | 27.4 up to 3 km | 3,928 | 186 | 99 |
| 1600 kb/s | 1,110 | 27.6 up to 3 km | 3,954 | 187 | 99 |
| 1664 kb/s | 1,110 | 27.8 up to 3 km | 3,979 | 188 | 100 |
| 1728 kb/s | 1,110 | 28.0 up to 3 km | 4,006 | 189 | 101 |
| 1792 kb/s | 1,110 | 28.2 up to 3 km | 4,032 | 191 | 101 |
| 1856 kb/s | 1,110 | 28.3 up to 3 km | 4,057 | 192 | 102 |
| 1920 kb/s | 1,110 | 28.5 up to 3 km | 4,083 | 193 | 102 |
| 1984 kb/s | 1,110 | 28.7 up to 3 km | 4,108 | 194 | 103 |
| 2048 kb/s | 1,110 | 28.8 up to 3 km | 4,135 | 195 | 104 |
| 34 Mb/s | 13,760 up to 0.5 km | 456 per 100 m above 0.5 km | 6,893 | 712 | 300 |
| 45Mb/s | 13,760 up to 0.5 km | 456 per 100 m above 0.5 km | 6,893 | 712 | 300 |
| 155 Mb/s | 14,901 up to 0.5 km | 456 per 100 m above 0.5 km | 10,339 | 1,067 | 449 |

Table 2 - Annual Rental Fees in EURO - Effective from 1 July 2009 to 30 September 2009
(Note 1)

| EUL Circuit Speed | Local end less than 1.5 km | Local end > 1.5 km (per 100m) | Main Link Access | Main Link Access | Main Link per km (0 to 30 km) | Main Link per km (> 30 km) |
|-------------------|----------------------------|---------------------------------|---|---|-------------------------------|----------------------------|
| | Effective from 1st July 09 | Effective from 1st July 09 | Effective from 1st July 09 Note 2 | Effective from 1st July 09 Note 3 | Effective from 1st July 09 | Effective from 1st July 09 |
| 64 kb/s | 549 | No Additional charge up to 3 km | 364.00 | 182.00 | 16.00 | 9.00 |
| 128 kb/s | 549 | No Additional charge up to 3 km | 605.00 | 302.50 | 27.00 | 14.00 |
| 192 kb/s | 549 | No Additional charge up to 3 km | 846.00 | 423.00 | 37.00 | 20.00 |
| 256 kb/s | 549 | No Additional charge up to 3 km | 1,087.00 | 543.50 | 48.00 | 25.00 |
| 320 kb/s | 549 | No Additional charge up to 3 km | 1,328.00 | 664.00 | 59.00 | 31.00 |
| 384 kb/s | 549 | No Additional charge up to 3 km | 1,569.00 | 784.50 | 69.00 | 37.00 |
| 448 kb/s | 549 | No Additional charge up to 3 km | 1,810.00 | 905.00 | 80.00 | 42.00 |
| 512 kb/s | 549 | No Additional charge up to 3 km | 2,051.00 | 1,025.50 | 91.00 | 48.00 |
| 576 kb/s | 549 | No Additional charge up to 3 km | 2,260.00 | 1,130.00 | 101.00 | 54.00 |
| 640 kb/s | 549 | No Additional charge up to 3 km | 2,469.00 | 1,234.50 | 112.00 | 59.00 |
| 704 kb/s | 549 | No Additional charge up to 3 km | 2,677.00 | 1,338.50 | 123.00 | 65.00 |
| 768 kb/s | 549 | No Additional charge up to 3 km | 2,886.00 | 1,443.00 | 133.00 | 71.00 |
| 832 kb/s | 549 | No Additional charge up to 3 km | 3,095.00 | 1,547.50 | 144.00 | 76.00 |
| 896 kb/s | 549 | No Additional charge up to 3 km | 3,304.00 | 1,652.00 | 155.00 | 82.00 |
| 960 kb/s | 549 | No Additional charge up to 3 km | 3,512.00 | 1,756.00 | 165.00 | 87.00 |
| 1024 kb/s | 1,110 | 26.0 up to 3 km | 3,721.00 | 1,860.50 | 176.00 | 93.00 |
| 1088 kb/s | 1,110 | 26.2 up to 3 km | 3,747.00 | 1,873.50 | 177.00 | 94.00 |
| 1152 kb/s | 1,110 | 26.3 up to 3 km | 3,773.00 | 1,886.50 | 178.00 | 95.00 |
| 1216 kb/s | 1,110 | 26.5 up to 3 km | 3,799.00 | 1,899.50 | 180.00 | 95.00 |
| 1280 kb/s | 1,110 | 26.7 up to 3 km | 3,824.00 | 1,912.00 | 181.00 | 96.00 |
| 1344 kb/s | 1,110 | 26.9 up to 3 km | 3,850.00 | 1,925.00 | 182.00 | 97.00 |
| 1408 kb/s | 1,110 | 27.1 up to 3 km | 3,877.00 | 1,938.50 | 183.00 | 97.00 |
| 1472 kb/s | 1,110 | 27.3 up to 3 km | 3,902.00 | 1,951.00 | 184.00 | 98.00 |
| 1536 kb/s | 1,110 | 27.4 up to 3 km | 3,928.00 | 1,964.00 | 186.00 | 99.00 |
| 1600 kb/s | 1,110 | 27.6 up to 3 km | 3,954.00 | 1,977.00 | 187.00 | 99.00 |
| 1664 kb/s | 1,110 | 27.8 up to 3 km | 3,979.00 | 1,989.50 | 188.00 | 100.00 |
| 1728 kb/s | 1,110 | 28.0 up to 3 km | 4,006.00 | 2,003.00 | 189.00 | 101.00 |
| 1792 kb/s | 1,110 | 28.2 up to 3 km | 4,032.00 | 2,016.00 | 191.00 | 101.00 |
| 1856 kb/s | 1,110 | 28.3 up to 3 km | 4,057.00 | 2,028.50 | 192.00 | 102.00 |
| 1920 kb/s | 1,110 | 28.5 up to 3 km | 4,083.00 | 2,041.50 | 193.00 | 102.00 |
| 1984 kb/s | 1,110 | 28.7 up to 3 km | 4,108.00 | 2,054.00 | 194.00 | 103.00 |
| 2048 kb/s | 1,110 | 28.8 up to 3 km | 4,135.00 | 2,067.50 | 195.00 | 104.00 |
| 34 Mb/s | 13,760 up to 0.5 km | 456 per 100 m above 0.5 km | 6,893.00 | 3,446.50 | 712.00 | 300.00 |
| 45Mb/s | 13,760 up to 0.5 km | 456 per 100 m above 0.5 km | 6,893.00 | 3,446.50 | 712.00 | 300.00 |
| 155 Mb/s | 14,901 up to 0.5 km | 456 per 100 m above 0.5 km | 10,339.00 | 5,169.50 | 1,067.00 | 449.00 |

Note 1 : The revised Main Link Access charge described in Note 3 will be retrospectively applied to all qualifying End User Links (EULs) from 1 October 2007

Note 2 : Applicable where the eircom Local Exchange from which the EUL is connected to the end customer is not the same as the eircom Local Exchange at which the Transport Link Terminates

Note 3 : Applicable where the eircom Local Exchange from which the EUL is connected to the end customer is the same as the eircom Local Exchange at which the Transport Link Terminates

**Table 2 - Annual Rental Fees in EURO - Effective from 1 October 2009 to 31 March 2010
(Note 1)**

| EUL Circuit Speed | Local end less than 1.5 km Effective from 1st October 09 | Local end > 1.5 km (per 100m) Effective from 1st October 09 | Main Link Access Effective from 1st October 09 Note 2 | Main Link Access Effective from 1st October 09 Note 3 | Main Link per km (0 to 20 km) Effective from 1st October 09 | Main Link per km (> 20 km) Effective from 1st October 09 |
|-------------------|---|--|--|--|--|---|
| 64 kb/s | 549 | No Additional charge up to 3 km | 355.00 | 177.50 | 16.00 | 9.00 |
| 128 kb/s | 549 | No Additional charge up to 3 km | 589.00 | 294.50 | 27.00 | 14.00 |
| 192 kb/s | 549 | No Additional charge up to 3 km | 820.00 | 410.00 | 37.00 | 20.00 |
| 256 kb/s | 549 | No Additional charge up to 3 km | 1,050.00 | 525.00 | 48.00 | 25.00 |
| 320 kb/s | 549 | No Additional charge up to 3 km | 1,278.00 | 639.00 | 59.00 | 31.00 |
| 384 kb/s | 549 | No Additional charge up to 3 km | 1,505.00 | 752.50 | 69.00 | 37.00 |
| 448 kb/s | 549 | No Additional charge up to 3 km | 1,729.00 | 864.50 | 80.00 | 42.00 |
| 512 kb/s | 549 | No Additional charge up to 3 km | 1,952.00 | 976.00 | 91.00 | 48.00 |
| 576 kb/s | 549 | No Additional charge up to 3 km | 2,143.00 | 1,071.50 | 101.00 | 54.00 |
| 640 kb/s | 549 | No Additional charge up to 3 km | 2,332.00 | 1,166.00 | 112.00 | 59.00 |
| 704 kb/s | 549 | No Additional charge up to 3 km | 2,519.00 | 1,259.50 | 123.00 | 65.00 |
| 768 kb/s | 549 | No Additional charge up to 3 km | 2,705.00 | 1,352.50 | 133.00 | 71.00 |
| 832 kb/s | 549 | No Additional charge up to 3 km | 2,889.00 | 1,444.50 | 144.00 | 76.00 |
| 896 kb/s | 549 | No Additional charge up to 3 km | 3,072.00 | 1,536.00 | 155.00 | 82.00 |
| 960 kb/s | 549 | No Additional charge up to 3 km | 3,253.00 | 1,626.50 | 165.00 | 87.00 |
| 1024 kb/s | 1,110 | 26.0 up to 3 km | 3,433.00 | 1,716.50 | 176.00 | 93.00 |
| 1088 kb/s | 1,110 | 26.2 up to 3 km | 3,443.00 | 1,721.50 | 177.00 | 94.00 |
| 1152 kb/s | 1,110 | 26.3 up to 3 km | 3,454.00 | 1,727.00 | 178.00 | 95.00 |
| 1216 kb/s | 1,110 | 26.5 up to 3 km | 3,463.00 | 1,731.50 | 180.00 | 95.00 |
| 1280 kb/s | 1,110 | 26.7 up to 3 km | 3,472.00 | 1,736.00 | 181.00 | 96.00 |
| 1344 kb/s | 1,110 | 26.9 up to 3 km | 3,482.00 | 1,741.00 | 182.00 | 97.00 |
| 1408 kb/s | 1,110 | 27.1 up to 3 km | 3,492.00 | 1,746.00 | 183.00 | 97.00 |
| 1472 kb/s | 1,110 | 27.3 up to 3 km | 3,500.00 | 1,750.00 | 184.00 | 98.00 |
| 1536 kb/s | 1,110 | 27.4 up to 3 km | 3,509.00 | 1,754.50 | 186.00 | 99.00 |
| 1600 kb/s | 1,110 | 27.6 up to 3 km | 3,518.00 | 1,759.00 | 187.00 | 99.00 |
| 1664 kb/s | 1,110 | 27.8 up to 3 km | 3,526.00 | 1,763.00 | 188.00 | 100.00 |
| 1728 kb/s | 1,110 | 28.0 up to 3 km | 3,535.00 | 1,767.50 | 189.00 | 101.00 |
| 1792 kb/s | 1,110 | 28.2 up to 3 km | 3,544.00 | 1,772.00 | 191.00 | 101.00 |
| 1856 kb/s | 1,110 | 28.3 up to 3 km | 3,551.00 | 1,775.50 | 192.00 | 102.00 |
| 1920 kb/s | 1,110 | 28.5 up to 3 km | 3,559.00 | 1,779.50 | 193.00 | 102.00 |
| 1984 kb/s | 1,110 | 28.7 up to 3 km | 3,565.00 | 1,782.50 | 194.00 | 103.00 |
| 2048 kb/s | 1,110 | 28.8 up to 3 km | 3,574.00 | 1,787.00 | 195.00 | 104.00 |
| 34 Mb/s | 13,760 up to 0.5 km | 456 per 100 m above 0.5 km | 5,492.00 | 2,746.00 | 712.00 | 300.00 |
| 45Mb/s | 13,760 up to 0.5 km | 456 per 100 m above 0.5 km | 5,492.00 | 2,746.00 | 712.00 | 300.00 |
| 155 Mb/s | 14,901 up to 0.5 km | 456 per 100 m above 0.5 km | 8,238.00 | 4,119.00 | 1,067.00 | 449.00 |

Note 1 : The revised Main Link Access charge described in Note 3 will be retrospectively applied to all qualifying End User Links (EULs) from 1 October 2007

Note 2 : Applicable where the eircom Local Exchange from which the EUL is connected to the end customer is not the same as the eircom Local Exchange at which the Transport Link Terminates

Note 3 : Applicable where the eircom Local Exchange from which the EUL is connected to the end customer is the same as the eircom Local Exchange at which the Transport Link Terminates

Table 2 - Annual Rental Fees in EURO - Effective from 1 April 2010 to 31 December 2010

| EUL Circuit Speed | Local end less than 1.5 km | Local end > 1.5 km (per 100m) | Main Link Access Note 1 | Main Link Access Note 2 | Main Link per km (0 to 20 km) | Main Link per km (> 20 km) |
|-------------------|----------------------------|---------------------------------|--------------------------------|--------------------------------|-------------------------------|----------------------------|
| 64 kb/s | 549 | No Additional charge up to 3 km | 348.00 | 174.00 | 16.00 | 9.00 |
| 128 kb/s | 549 | No Additional charge up to 3 km | 574.00 | 287.00 | 27.00 | 14.00 |
| 192 kb/s | 549 | No Additional charge up to 3 km | 795.00 | 397.00 | 37.00 | 20.00 |
| 256 kb/s | 549 | No Additional charge up to 3 km | 1,012.00 | 506.00 | 48.00 | 25.00 |
| 320 kb/s | 549 | No Additional charge up to 3 km | 1,224.00 | 612.00 | 59.00 | 31.00 |
| 384 kb/s | 549 | No Additional charge up to 3 km | 1,434.00 | 717.00 | 69.00 | 37.00 |
| 448 kb/s | 549 | No Additional charge up to 3 km | 1,637.00 | 819.00 | 80.00 | 42.00 |
| 512 kb/s | 549 | No Additional charge up to 3 km | 1,838.00 | 919.00 | 91.00 | 48.00 |
| 576 kb/s | 549 | No Additional charge up to 3 km | 2,006.00 | 1,003.00 | 101.00 | 54.00 |
| 640 kb/s | 549 | No Additional charge up to 3 km | 2,170.00 | 1,085.00 | 112.00 | 59.00 |
| 704 kb/s | 549 | No Additional charge up to 3 km | 2,330.00 | 1,165.00 | 123.00 | 65.00 |
| 768 kb/s | 549 | No Additional charge up to 3 km | 2,487.00 | 1,244.00 | 133.00 | 71.00 |
| 832 kb/s | 549 | No Additional charge up to 3 km | 2,641.00 | 1,320.00 | 144.00 | 76.00 |
| 896 kb/s | 549 | No Additional charge up to 3 km | 2,791.00 | 1,395.00 | 155.00 | 82.00 |
| 960 kb/s | 549 | No Additional charge up to 3 km | 2,937.00 | 1,469.00 | 165.00 | 87.00 |
| 1024 kb/s | 1,110 | 26.0 up to 3 km | 3,081.00 | 1,541.00 | 176.00 | 93.00 |
| 1088 kb/s | 1,110 | 26.2 up to 3 km | 3,081.00 | 1,541.00 | 177.00 | 94.00 |
| 1152 kb/s | 1,110 | 26.3 up to 3 km | 3,081.00 | 1,541.00 | 178.00 | 95.00 |
| 1216 kb/s | 1,110 | 26.5 up to 3 km | 3,081.00 | 1,541.00 | 180.00 | 95.00 |
| 1280 kb/s | 1,110 | 26.7 up to 3 km | 3,081.00 | 1,541.00 | 181.00 | 96.00 |
| 1344 kb/s | 1,110 | 26.9 up to 3 km | 3,081.00 | 1,541.00 | 182.00 | 97.00 |
| 1408 kb/s | 1,110 | 27.1 up to 3 km | 3,081.00 | 1,541.00 | 183.00 | 97.00 |
| 1472 kb/s | 1,110 | 27.3 up to 3 km | 3,081.00 | 1,541.00 | 184.00 | 98.00 |
| 1536 kb/s | 1,110 | 27.4 up to 3 km | 3,081.00 | 1,541.00 | 186.00 | 99.00 |
| 1600 kb/s | 1,110 | 27.6 up to 3 km | 3,081.00 | 1,541.00 | 187.00 | 99.00 |
| 1664 kb/s | 1,110 | 27.8 up to 3 km | 3,081.00 | 1,541.00 | 188.00 | 100.00 |
| 1728 kb/s | 1,110 | 28.0 up to 3 km | 3,081.00 | 1,541.00 | 189.00 | 101.00 |
| 1792 kb/s | 1,110 | 28.2 up to 3 km | 3,081.00 | 1,541.00 | 191.00 | 101.00 |
| 1856 kb/s | 1,110 | 28.3 up to 3 km | 3,081.00 | 1,541.00 | 192.00 | 102.00 |
| 1920 kb/s | 1,110 | 28.5 up to 3 km | 3,081.00 | 1,541.00 | 193.00 | 102.00 |
| 1984 kb/s | 1,110 | 28.7 up to 3 km | 3,081.00 | 1,541.00 | 194.00 | 103.00 |
| 2048 kb/s | 1,110 | 28.8 up to 3 km | 3,081.00 | 1,541.00 | 195.00 | 104.00 |
| 34 Mb/s | 13,760 up to 0.5 km | 456 per 100 m above 0.5 km | 4,416.00 | 2,208.00 | 712.00 | 241.00 |
| 45Mb/s | 13,760 up to 0.5 km | 456 per 100 m above 0.5 km | 4,416.00 | 2,208.00 | 712.00 | 241.00 |
| 155 Mb/s | 14,901 up to 0.5 km | 456 per 100 m above 0.5 km | 6,578.00 | 3,289.00 | 1,067.00 | 359.00 |

Note 1 : Applicable where the eircom Local Exchange from which the EUL is connected to the end customer is not the same as the eircom Local Exchange at which the Transport Link Terminates

Note 2 : Applicable where the eircom Local Exchange from which the EUL is connected to the end customer is the same as the eircom Local Exchange at which the Transport Link Terminates

Table 2 - Annual Rental Fees in EURO - Effective from 1 January 2011 to 30 June 2011

| EUL Circuit Speed | Local end less than 1.5 km | Local end > 1.5 km (per 100m) | Main Link Access Note 1 | Main Link Access Note 2 | Main Link per km (0 to 20 km) | Main Link per km (> 20 km) |
|-------------------|----------------------------|---------------------------------|--------------------------------|--------------------------------|-------------------------------|----------------------------|
| 64 kb/s | 527 | No Additional charge up to 3 km | 341.00 | 171.00 | 16.00 | 9.00 |
| 128 kb/s | 527 | No Additional charge up to 3 km | 558.00 | 279.00 | 27.00 | 14.00 |
| 192 kb/s | 527 | No Additional charge up to 3 km | 768.00 | 383.00 | 37.00 | 20.00 |
| 256 kb/s | 527 | No Additional charge up to 3 km | 970.00 | 485.00 | 48.00 | 25.00 |
| 320 kb/s | 527 | No Additional charge up to 3 km | 1,165.00 | 582.00 | 59.00 | 31.00 |
| 384 kb/s | 527 | No Additional charge up to 3 km | 1,354.00 | 677.00 | 69.00 | 37.00 |
| 448 kb/s | 527 | No Additional charge up to 3 km | 1,535.00 | 768.00 | 80.00 | 42.00 |
| 512 kb/s | 527 | No Additional charge up to 3 km | 1,710.00 | 855.00 | 91.00 | 48.00 |
| 576 kb/s | 527 | No Additional charge up to 3 km | 1,852.00 | 926.00 | 101.00 | 54.00 |
| 640 kb/s | 527 | No Additional charge up to 3 km | 1,988.00 | 994.00 | 112.00 | 59.00 |
| 704 kb/s | 527 | No Additional charge up to 3 km | 2,118.00 | 1,059.00 | 123.00 | 65.00 |
| 768 kb/s | 527 | No Additional charge up to 3 km | 2,243.00 | 1,122.00 | 133.00 | 71.00 |
| 832 kb/s | 527 | No Additional charge up to 3 km | 2,363.00 | 1,181.00 | 144.00 | 76.00 |
| 896 kb/s | 527 | No Additional charge up to 3 km | 2,478.00 | 1,238.00 | 155.00 | 82.00 |
| 960 kb/s | 527 | No Additional charge up to 3 km | 2,586.00 | 1,294.00 | 165.00 | 87.00 |
| 1024 kb/s | 1,066 | 26.0 up to 3 km | 2,691.00 | 1,346.00 | 176.00 | 93.00 |
| 1088 kb/s | 1,066 | 26.2 up to 3 km | 2,691.00 | 1,346.00 | 177.00 | 94.00 |
| 1152 kb/s | 1,066 | 26.3 up to 3 km | 2,691.00 | 1,346.00 | 178.00 | 95.00 |
| 1216 kb/s | 1,066 | 26.5 up to 3 km | 2,691.00 | 1,346.00 | 180.00 | 95.00 |
| 1280 kb/s | 1,066 | 26.7 up to 3 km | 2,691.00 | 1,346.00 | 181.00 | 96.00 |
| 1344 kb/s | 1,066 | 26.9 up to 3 km | 2,691.00 | 1,346.00 | 182.00 | 97.00 |
| 1408 kb/s | 1,066 | 27.1 up to 3 km | 2,691.00 | 1,346.00 | 183.00 | 97.00 |
| 1472 kb/s | 1,066 | 27.3 up to 3 km | 2,691.00 | 1,346.00 | 184.00 | 98.00 |
| 1536 kb/s | 1,066 | 27.4 up to 3 km | 2,691.00 | 1,346.00 | 186.00 | 99.00 |
| 1600 kb/s | 1,066 | 27.6 up to 3 km | 2,691.00 | 1,346.00 | 187.00 | 99.00 |
| 1664 kb/s | 1,066 | 27.8 up to 3 km | 2,691.00 | 1,346.00 | 188.00 | 100.00 |
| 1728 kb/s | 1,066 | 28.0 up to 3 km | 2,691.00 | 1,346.00 | 189.00 | 101.00 |
| 1792 kb/s | 1,066 | 28.2 up to 3 km | 2,691.00 | 1,346.00 | 191.00 | 101.00 |
| 1856 kb/s | 1,066 | 28.3 up to 3 km | 2,691.00 | 1,346.00 | 192.00 | 102.00 |
| 1920 kb/s | 1,066 | 28.5 up to 3 km | 2,691.00 | 1,346.00 | 193.00 | 102.00 |
| 1984 kb/s | 1,066 | 28.7 up to 3 km | 2,691.00 | 1,346.00 | 194.00 | 103.00 |
| 2048 kb/s | 1,066 | 28.8 up to 3 km | 2,691.00 | 1,346.00 | 195.00 | 104.00 |
| 34 Mb/s | 13,210 up to 0.5 km | 456 per 100 m above 0.5 km | 3,324.00 | 1,662.00 | 712.00 | 241.00 |
| 45Mb/s | 13,210 up to 0.5 km | 456 per 100 m above 0.5 km | 3,324.00 | 1,662.00 | 712.00 | 241.00 |
| 155 Mb/s | 14,305 up to 0.5 km | 456 per 100 m above 0.5 km | 4,905.00 | 2,453.00 | 1,067.00 | 359.00 |

Note 1 : Applicable where the eircom Local Exchange from which the EUL is connected to the end customer is not the same as the eircom Local Exchange at which the Transport Link Terminates

Note 2 : Applicable where the eircom Local Exchange from which the EUL is connected to the end customer is the same as the eircom Local Exchange at which the Transport Link Terminates

Table 2 - Annual Rental Fees in EURO - Effective from 1 July 2011

| EUL Circuit Speed | Local end less than 1.5 km | Local end > 1.5 km (per 100m) | Main Link Access Note 1 | Main Link Access Note 2 | Main Link per km (0 to 30 km) | Main Link per km (> 30 km) |
|-------------------|----------------------------|---------------------------------|-----------------------------------|-----------------------------------|-------------------------------|----------------------------|
| 64 kb/s | 527 | No Additional charge up to 3 km | 341.00 | 171.00 | 14.00 | 9.00 |
| 128 kb/s | 527 | No Additional charge up to 3 km | 558.00 | 279.00 | 24.00 | 14.00 |
| 192 kb/s | 527 | No Additional charge up to 3 km | 768.00 | 383.00 | 33.00 | 20.00 |
| 256 kb/s | 527 | No Additional charge up to 3 km | 970.00 | 485.00 | 43.00 | 25.00 |
| 320 kb/s | 527 | No Additional charge up to 3 km | 1,165.00 | 582.00 | 53.00 | 31.00 |
| 384 kb/s | 527 | No Additional charge up to 3 km | 1,354.00 | 677.00 | 62.00 | 37.00 |
| 448 kb/s | 527 | No Additional charge up to 3 km | 1,535.00 | 768.00 | 72.00 | 42.00 |
| 512 kb/s | 527 | No Additional charge up to 3 km | 1,710.00 | 855.00 | 82.00 | 48.00 |
| 576 kb/s | 527 | No Additional charge up to 3 km | 1,852.00 | 926.00 | 91.00 | 54.00 |
| 640 kb/s | 527 | No Additional charge up to 3 km | 1,988.00 | 994.00 | 101.00 | 59.00 |
| 704 kb/s | 527 | No Additional charge up to 3 km | 2,118.00 | 1,059.00 | 111.00 | 65.00 |
| 768 kb/s | 527 | No Additional charge up to 3 km | 2,243.00 | 1,122.00 | 120.00 | 71.00 |
| 832 kb/s | 527 | No Additional charge up to 3 km | 2,363.00 | 1,181.00 | 130.00 | 76.00 |
| 896 kb/s | 527 | No Additional charge up to 3 km | 2,478.00 | 1,238.00 | 140.00 | 82.00 |
| 960 kb/s | 527 | No Additional charge up to 3 km | 2,586.00 | 1,294.00 | 149.00 | 87.00 |
| 1024 kb/s | 955 | 20 up to 3 km | 2,691.00 | 1,346.00 | 159.00 | 93.00 |
| 1088 kb/s | 955 | 20 up to 3 km | 2,691.00 | 1,346.00 | 160.00 | 94.00 |
| 1152 kb/s | 955 | 20 up to 3 km | 2,691.00 | 1,346.00 | 161.00 | 95.00 |
| 1216 kb/s | 955 | 20 up to 3 km | 2,691.00 | 1,346.00 | 163.00 | 95.00 |
| 1280 kb/s | 955 | 20 up to 3 km | 2,691.00 | 1,346.00 | 163.00 | 96.00 |
| 1344 kb/s | 955 | 20 up to 3 km | 2,691.00 | 1,346.00 | 164.00 | 97.00 |
| 1408 kb/s | 955 | 20 up to 3 km | 2,691.00 | 1,346.00 | 165.00 | 97.00 |
| 1472 kb/s | 955 | 20 up to 3 km | 2,691.00 | 1,346.00 | 166.00 | 98.00 |
| 1536 kb/s | 955 | 20 up to 3 km | 2,691.00 | 1,346.00 | 168.00 | 99.00 |
| 1600 kb/s | 955 | 20 up to 3 km | 2,691.00 | 1,346.00 | 169.00 | 99.00 |
| 1664 kb/s | 955 | 20 up to 3 km | 2,691.00 | 1,346.00 | 170.00 | 100.00 |
| 1728 kb/s | 955 | 20 up to 3 km | 2,691.00 | 1,346.00 | 171.00 | 101.00 |
| 1792 kb/s | 955 | 20 up to 3 km | 2,691.00 | 1,346.00 | 173.00 | 101.00 |
| 1856 kb/s | 955 | 20 up to 3 km | 2,691.00 | 1,346.00 | 173.00 | 102.00 |
| 1920 kb/s | 955 | 20 up to 3 km | 2,691.00 | 1,346.00 | 174.00 | 102.00 |
| 1984 kb/s | 955 | 20 up to 3 km | 2,691.00 | 1,346.00 | 175.00 | 103.00 |
| 2048 kb/s | 955 | 20 up to 3 km | 2,691.00 | 1,346.00 | 176.00 | 104.00 |
| 34 Mb/s | 8,109 up to 0.5 km | 324 per 100 m above 0.5 km | 3,324.00 | 1,662.00 | 643.00 | 241.00 |
| 45Mb/s | 8,109 up to 0.5 km | 324 per 100 m above 0.5 km | 3,324.00 | 1,662.00 | 643.00 | 241.00 |
| 155 Mb/s | 8,259 up to 0.5 km | 324 per 100 m above 0.5 km | 4,905.00 | 2,453.00 | 964.00 | 359.00 |

Note 1 : Applicable where the eircom Local Exchange from which the EUL is connected to the end customer is not the same as the eircom Local Exchange at which the Transport Link Terminates

Note 2 : Applicable where the eircom Local Exchange from which the EUL is connected to the end customer is the same as the eircom Local Exchange at which the Transport Link Terminates

Service Schedule 004
Partial Private Circuit Migration

Connection Fees for Partial Private Circuit End User Links apply to new provision or individual circuit migration. Migration of substantial existing leased line capacity onto End User Link services and Transport Link capacity will be managed and priced on a project basis.

There will be a charge for the provision of information to the operator for each site where a bulk migration is planned

| <u>Service</u> | <u>Charge</u> |
|-----------------------|----------------------|
| | Euro |
| Information Provision | 1,382.23 per site |

Service Schedule 005

In-Span Interconnect and STM 1 Interconnect Access Bearers

- 1.1 The charges for the In-span Interconnect Bearer shall comprise of both installation and annual maintenance elements as outlined in Table 1 below.

Table 1

| In-span service provided | Installation Charge | Annual Maintenance |
|--------------------------------|---------------------|--------------------|
| | EURO | EURO |
| Fully Equipped STM 1 | 32,204.37 | 3,220.06 |
| STM 4 with one STM 1 Equipped | 48,867.14 | 4,887.22 |
| STM 4 with two STM 1s Equipped | 67,153.91 | 6,715.64 |
| Fully Equipped STM 4 | 86,493.29 | 8,649.46 |

Note: If an ISI Bearer is migrated to an ISH Transport Link, the charges that will apply are those in Table 3 of Service Schedule 001. The charges for Interconnect Paths carried on an ISI Bearer are shown in Table 6 and Table 7 of Service Schedule 002.

- 1.2 The charges for STM1 Interconnect Access shall comprise annual maintenance elements as outlined in Table 2 below. This product is no longer available in our portfolio.

Table 2

| Element | Charge |
|---|-----------|
| | € |
| Annual Rental (Up to 1.5km) | 38,092.14 |
| Annual Rental per additional 100 metres or part thereof | 2,793.42 |

Service Schedule 006

Wholesale Leased Lines

The charges for Wholesale Leased Lines shall comprise installation, upgrade, downgrade, change of address, cessation, and annual rental elements as set out below.

Section 1 – Wholesale Analogue Leased Lines

1.1 – Connection Fees (€)

Table 1

| 2 Wire Leased Line | Per Local End € |
|--------------------|-----------------|
| M1020 | 163.54 |
| M1040 | 350.45 |

1.2 – Annual Rental Fees (€)

Table 2

| 2 Wire Leased Line | Per Local End | Main Link Access | Main Link per Km (1 to 30 Km) | Main Link per Km (> 30 Km) |
|--------------------|---------------|------------------|-------------------------------|----------------------------|
| M1020 | 280.36 | 334.10 | 54.91 | 4.20 |
| M1040 | 408.86 | 334.10 | 54.91 | 4.20 |

Notes :

1. Main Link Access Charge applies to all circuits where inter-exchange distance is greater than zero kilometres.
2. Distance is charged per kilometre for each main-link kilometre or part thereof.

Section 2 – Digital Wholesale Leased Lines (WLL)

2.1 – Connection Fees (€)

Table 3 - Connection fees to 31st October 2011

| Circuit Speed | Per Local End (1) |
|----------------------|--------------------------|
| 9.6 or 64 kb/s | 876.12 |
| 128 kb/s | 876.12 |
| 192 kb/s | 876.12 |
| 256 kb/s | 876.12 |
| 320 kb/s | 876.12 |
| 384 kb/s | 876.12 |
| 448 kb/s | 876.12 |
| 512 kb/s | 992.94 |
| 576 kb/s | 992.94 |
| 640 kb/s | 992.94 |
| 704 kb/s | 992.94 |
| 768 kb/s | 992.94 |
| 832 kb/s | 992.94 |
| 896 kb/s | 992.94 |
| 960 kb/s | 992.94 |
| 1024 kb/s | 992.94 |
| 1088 kb/s | 1,752.24 |
| 1152 kb/s | 1,752.24 |
| 1216 kb/s | 1,752.24 |
| 1280 kb/s | 1,752.24 |
| 1344 kb/s | 1,752.24 |
| 1408 kb/s | 1,752.24 |
| 1472 kb/s | 1,752.24 |
| 1536 kb/s | 1,752.24 |
| 1600 kb/s | 1,752.24 |
| 1664 kb/s | 1,752.24 |
| 1728 kb/s | 1,752.24 |
| 1792 kb/s | 1,752.24 |
| 1856 kb/s | 1,752.24 |
| 1920 kb/s | 1,752.24 |
| 1984 kb/s | 1,752.24 |
| 2048 kb/s | 1,752.24 |

Table 3 - Connection fees from 1st November 2011 to 30th April 2012

| Circuit Speed | Per Local End (1) |
|----------------------|--------------------------|
| 9.6 or 64 kb/s | 0.00 |
| 128 kb/s | 0.00 |
| 192 kb/s | 0.00 |
| 256 kb/s | 0.00 |
| 320 kb/s | 0.00 |
| 384 kb/s | 0.00 |
| 448 kb/s | 0.00 |
| 512 kb/s | 0.00 |
| 576 kb/s | 0.00 |
| 640 kb/s | 0.00 |
| 704 kb/s | 0.00 |
| 768 kb/s | 0.00 |
| 832 kb/s | 0.00 |
| 896 kb/s | 0.00 |
| 960 kb/s | 0.00 |
| 1024 kb/s | 0.00 |
| 1088 kb/s | 0.00 |
| 1152 kb/s | 0.00 |
| 1216 kb/s | 0.00 |
| 1280 kb/s | 0.00 |
| 1344 kb/s | 0.00 |
| 1408 kb/s | 0.00 |
| 1472 kb/s | 0.00 |
| 1536 kb/s | 0.00 |
| 1600 kb/s | 0.00 |
| 1664 kb/s | 0.00 |
| 1728 kb/s | 0.00 |
| 1792 kb/s | 0.00 |
| 1856 kb/s | 0.00 |
| 1920 kb/s | 0.00 |
| 1984 kb/s | 0.00 |
| 2048 kb/s | 0.00 |

Table 3 - Connection fees from 1st May 2012 to 30th April 2013

| Circuit Speed | Per Local End (1) |
|----------------------|--------------------------|
| 9.6 or 64 kb/s | 0.00 |
| 128 kb/s | 0.00 |
| 192 kb/s | 0.00 |
| 256 kb/s | 0.00 |
| 320 kb/s | 0.00 |
| 384 kb/s | 0.00 |
| 448 kb/s | 0.00 |
| 512 kb/s | 0.00 |
| 576 kb/s | 0.00 |
| 640 kb/s | 0.00 |
| 704 kb/s | 0.00 |
| 768 kb/s | 0.00 |
| 832 kb/s | 0.00 |
| 896 kb/s | 0.00 |
| 960 kb/s | 0.00 |
| 1024 kb/s | 0.00 |
| 1088 kb/s | 0.00 |
| 1152 kb/s | 0.00 |
| 1216 kb/s | 0.00 |
| 1280 kb/s | 0.00 |
| 1344 kb/s | 0.00 |
| 1408 kb/s | 0.00 |
| 1472 kb/s | 0.00 |
| 1536 kb/s | 0.00 |
| 1600 kb/s | 0.00 |
| 1664 kb/s | 0.00 |
| 1728 kb/s | 0.00 |
| 1792 kb/s | 0.00 |
| 1856 kb/s | 0.00 |
| 1920 kb/s | 0.00 |
| 1984 kb/s | 0.00 |
| 2048 kb/s | 0.00 |

Notes :

Connection Fees for a second and subsequent local end provided at the same time for the same customer using the same path from the same address, is 75% of the standard rate of connection charge for that end of the circuit only. This applies to digital circuits only.

Table 3 - Connection fees from 1st May 2013

| Circuit Speed | Per Local End (1) |
|----------------------|--------------------------|
| 9.6 or 64 kb/s | 876.12 |
| 128 kb/s | 876.12 |
| 192 kb/s | 876.12 |
| 256 kb/s | 876.12 |
| 320 kb/s | 876.12 |
| 384 kb/s | 876.12 |
| 448 kb/s | 876.12 |
| 512 kb/s | 992.94 |
| 576 kb/s | 992.94 |
| 640 kb/s | 992.94 |
| 704 kb/s | 992.94 |
| 768 kb/s | 992.94 |
| 832 kb/s | 992.94 |
| 896 kb/s | 992.94 |
| 960 kb/s | 992.94 |
| 1024 kb/s | 992.94 |
| 1088 kb/s | 1,752.24 |
| 1152 kb/s | 1,752.24 |
| 1216 kb/s | 1,752.24 |
| 1280 kb/s | 1,752.24 |
| 1344 kb/s | 1,752.24 |
| 1408 kb/s | 1,752.24 |
| 1472 kb/s | 1,752.24 |
| 1536 kb/s | 1,752.24 |
| 1600 kb/s | 1,752.24 |
| 1664 kb/s | 1,752.24 |
| 1728 kb/s | 1,752.24 |
| 1792 kb/s | 1,752.24 |
| 1856 kb/s | 1,752.24 |
| 1920 kb/s | 1,752.24 |
| 1984 kb/s | 1,752.24 |
| 2048 kb/s | 1,752.24 |

Notes :

Connection Fees for a second and subsequent local end provided at the same time for the same customer using the same path from the same address, is 75% of the standard rate of connection charge for that end of the circuit only. This applies to digital circuits only.

2.2 – Annual Rental Fees (€)

Table 4

| Circuit Speed | Per Local End | Additional 100m Local Loop | Main Link Access Charge (1) | Main Link 1-30Km per Km | Above 30Km per Km |
|----------------|---------------|----------------------------|-----------------------------|-------------------------|-------------------|
| 9.6 or 64 kb/s | 710.24 | | 334.10 | 54.91 | 4.20 |
| 128 kb/s | 710.24 | | 670.52 | 65.42 | 7.71 |
| 192 kb/s | 1,357.40 | | 1,003.45 | 75.93 | 11.68 |
| 256 kb/s | 1,357.40 | | 1,338.71 | 86.44 | 15.19 |
| 320 kb/s | 1,357.40 | | 1,655.28 | 96.96 | 19.15 |
| 384 kb/s | 1,357.40 | | 1,935.64 | 106.31 | 22.55 |
| 448 kb/s | 1,357.40 | | 2,215.99 | 116.81 | 26.63 |
| 512 kb/s | 1,357.40 | | 2,496.36 | 128.50 | 30.49 |
| 576 kb/s | 1,357.40 | | 2,776.72 | 137.84 | 34.11 |
| 640 kb/s | 1,357.40 | | 3,055.90 | 148.36 | 37.85 |
| 704 kb/s | 1,357.40 | | 3,336.26 | 158.87 | 41.47 |
| 768 kb/s | 1,357.40 | | 3,617.79 | 169.38 | 45.21 |
| 832 kb/s | 1,357.40 | | 3,896.98 | 179.90 | 48.94 |
| 896 kb/s | 1,357.40 | | 4,177.33 | 190.41 | 52.69 |
| 960 kb/s | 1,357.40 | | 4,457.69 | 200.92 | 56.42 |
| 1024 kb/s | 1,357.40 | 70.09 | 4,738.06 | 211.43 | 60.16 |
| 1088 kb/s | 2,102.69 | 70.09 | 4,773.10 | 214.94 | 61.68 |
| 1152 kb/s | 2,102.69 | 70.09 | 4,808.14 | 218.44 | 63.31 |
| 1216 kb/s | 2,102.69 | 70.09 | 4,842.02 | 223.12 | 64.83 |
| 1280 kb/s | 2,102.69 | 70.09 | 4,877.07 | 226.62 | 66.35 |
| 1344 kb/s | 2,102.69 | 70.09 | 4,913.28 | 230.13 | 67.87 |
| 1408 kb/s | 2,102.69 | 70.09 | 4,948.32 | 234.80 | 69.39 |
| 1472 kb/s | 2,102.69 | 70.09 | 4,982.20 | 238.31 | 70.90 |
| 1536 kb/s | 2,102.69 | 70.09 | 5,017.25 | 242.98 | 72.42 |
| 1600 kb/s | 2,102.69 | 70.09 | 5,052.29 | 246.48 | 74.06 |
| 1664 kb/s | 2,102.69 | 70.09 | 5,087.33 | 249.98 | 75.58 |
| 1728 kb/s | 2,102.69 | 70.09 | 5,122.38 | 254.66 | 77.10 |
| 1792 kb/s | 2,102.69 | 70.09 | 5,157.42 | 258.16 | 78.61 |
| 1856 kb/s | 2,102.69 | 70.09 | 5,192.47 | 261.67 | 80.13 |
| 1920 kb/s | 2,102.69 | 70.09 | 5,227.51 | 266.34 | 81.65 |
| 1984 kb/s | 2,102.69 | 70.09 | 5,261.39 | 269.85 | 83.18 |
| 2048 kb/s | 2,102.69 | 70.09 | 5,297.60 | 274.52 | 84.81 |

Notes :

1. Main link access charge applies to all circuits where inter-exchange distance is greater than zero kilometres.
2. Distance is charged per kilometre for each main-link kilometre or part thereof.

2.3 – Upgrade and Downgrade Fees (€)

2.3.1 - Digital Wholesale Leased Line Upgrade

Table 5 - Upgrade fees to 31st October 2011

| Connection Charge per local end € | | | |
|--|------------------|---------------------|----------------------|
| (Where an existing Wholesale Leased Line bandwidth is upgraded to one of the following bandwidths) | | | |
| Analogue | 64k –128k | 192k – 1024k | 1088k – 2048k |
| 490.63 | 584.08 | 700.89 | 1,051.34 |

Table 5 - Upgrade fees from 1st November 2011 to 30th April 2012

| Connection Charge per local end € | | | |
|--|------------------|---------------------|----------------------|
| (Where an existing Wholesale Leased Line bandwidth is upgraded to one of the following bandwidths) | | | |
| Analogue | 64k –128k | 192k – 1024k | 1088k – 2048k |
| 0 | 0 | 0 | 0.00 |

Table 5 - Upgrade fees from 1st May 2012 to 30th April 2013

| Connection Charge per local end € | | | |
|--|------------------|---------------------|----------------------|
| (Where an existing Wholesale Leased Line bandwidth is upgraded to one of the following bandwidths) | | | |
| Analogue | 64k –128k | 192k – 1024k | 1088k – 2048k |
| 490.63 | 0 | 0 | 0.00 |

Table 5 - Upgrade fees from 1st May 2013

| Connection Charge per local end € | | | |
|--|------------------|---------------------|----------------------|
| (Where an existing Wholesale Leased Line bandwidth is upgraded to one of the following bandwidths) | | | |
| Analogue | 64k –128k | 192k – 1024k | 1088k – 2048k |
| 490.63 | 584.08 | 700.89 | 1,051.34 |

2.3.2 - Digital Wholesale Leased Line Downgrade

Table 6

| Connection Charge per local end € | | | |
|--|--------------------|-------------------|-----------------|
| (Where an existing Wholesale Leased Line bandwidth less than or equal to 2048k is downgraded to one of the following bandwidths) | | | |
| 1984k – 1088k | 1024 – 192k | 128k – 64k | Analogue |
| 1,051.34 | 700.89 | 584.08 | 490.63 |

Notes :

1. The rates shown above apply from 9.00 to 17.00 Monday to Friday (excluding public holidays). A rate of 1.5 times the charges shown above will apply to upgrades or downgrades which are requested by the customer to be completed during the hours of 17.00 to 20.00 Monday to Friday (excluding public holidays). At all other times (excluding public holidays) the rate applied will be 2 times the charges shown above. The company will not normally provide an on site presence outside 9.00 to 17.00 hours Monday to Friday or at any time on public holidays.
2. The time frames above refer to the time at which the upgrade or the downgrade of the Wholesale Leased Line is commenced. It does not mean that a leased line will only be out of service for that period of time.

3. Where eircom fail to complete an upgrade or a downgrade of a Wholesale Leased Line within the customer requested timeframe the charge applied will be the charge relevant to the time frame that the work commenced.
4. A Wholesale Leased Line downgrade option is not available on a 34 MB Wholesale Leased Line.
5. Rental charges for upgraded and downgraded Wholesale Leased Line(s) will be based on the revised bandwidth.
6. A specific quotation based on a site survey and estimate of the work involved will be given where a customer requests more than 5 Wholesale Leased Lines to be upgraded or downgraded at the same time.

2.4 - Change of Address Fees (€)

Table 7

| National Change of Address | Connection Charge per Wholesale Leased Line (local end) € |
|-----------------------------------|---|
| All bandwidths | As per relevant Wholesale Leased Line local end connection charge |

Notes.

1. Change of address relates to a customer requiring one end of an existing Wholesale Leased Line to be relocated to another address. Eircom will use its reasonable endeavours to ensure a minimum amount of disruption during a change of address however the company does not guarantee continuity of service.
2. The rates shown above apply from 9.00 to 17.00 Monday to Friday (excluding public holidays). A rate of 1.5 times the charges shown above will apply to change of address which is requested by the customer to be completed during the hours of 17.00 to 20.00 Monday to Friday (excluding public holidays). At all other times (excluding public holidays) the rate applied will be 2 times the charges shown above. Eircom will not normally provide an on site presence outside 9.00 to 17.00 hours Monday to Friday or at any time on public holidays.
3. The time frames above refer to the time at which the change of address is commenced. It does not mean that a Wholesale Leased Line will only be out of service for that period of time.
4. Where Eircom fails to complete a change of address of a Wholesale Leased Line within the customer requested timeframe the charge applied will be the charge relevant to the time frame that the work commenced.
5. A single end change of address Wholesale Leased Line is subject to a minimum contract period of 12 months commencing on the date that the change of address is completed. Where a single end change of address is requested to a Wholesale Leased Line that has been rented for less than 12 months the balance of the unexpired minimum term contract will not apply.
6. Rental charges for a single end change of address Wholesale Leased Line will be based on the revised location.
7. If a customer requires a change of address at both ends of a Wholesale Leased Line Eircom will consider this to be the cessation of one Wholesale Leased Line and the provision of another Wholesale Leased Line. Where such a situation occurs standard Wholesale Leased Line contract terms and conditions will apply to the ceased Wholesale Leased Line.
8. A specific quotation based on a site survey and estimate of the work involved will be given where a customer requests a planned change of address to be carried out for more than 5 Wholesale Leased Lines at the same time.

2.5 - Cancellation Charges for Wholesale Leased Line(s) (including Channelised E1 access) (€)

Table 8

| | |
|--|--|
| For cancellation of Wholesale Leased Line(s) orders by or less than 5 working days after the receipt of a written request to provide the Wholesale Leased Line(s) but before the Leased Line(s) is provided. | 30% of the relevant connection charge |
| For cancellation of Wholesale Leased Line(s) orders more than 5 working days after the receipt of a written request to provide the Wholesale Leased Line(s) but before the Wholesale Leased Line(s) is provided. | an amount equivalent to the connection charge or such other charge as the company may determine from time to time. |

Note

Any request for cancellation of a Wholesale Leased Line order must be made in writing to eircom.

Section 3 – Wholesale Channelised Leased Lines

3.1 – Charging for 2Mb Bearer (€)

Table 9

| Channelised 2Mb Bearer | Charge |
|---|---------------|
| New Connection | 6494.96 |
| Annual Rental (Up to 1.5km) | 6,282.36 |
| Annual Rental per additional 100 metres or part thereof | 327.09 |

Notes :

1. Circuits will terminate on a single 2MB, G703 interface using CCIT G704 framing. Customers must provide equipment at the Channelised E1 Access end to allow Wholesale Leased Lines to be looped back during testing.

3.2 – Wholesale Channelised Leased Line Remote End Connection Fees (€)

Connection Fees charged are as per, Table 2, Section 2.1 above – Digital Wholesale Leased Lines (WLL) Connection Fees

Notes :

1. Conversion from Digital Wholesale Leased Lines to Wholesale Channelised Leased Lines minimum charge € 151.86. The same minimum charge applies for a Change of Address at the Remote End.
2. Where unsuitable equipment exists at the remote end, the charge for the local loop at the remote end site is as per Wholesale Leased Line local charge. Where suitable equipment exists at the remote end, a minimum charge of €165.07 applies per individual order and there is a further €38.09 charge for each additional circuit on the same order.
3. Where two sites have Channelised E1 Access, the conversion or addition of a circuit between those sites attracts a minimum charge €165.07 per individual order. There is a further €38.09 charge for each additional circuit on the same order.
4. This service is supplied on the basis that the company does not guarantee continuity of service. The conversion charges above apply for work carried out during normal working hours (Monday to Friday 9.00 am to 5.00pm, excluding public holidays).
5. Connection fees for a second and subsequent local end provided at the same time for the same customer using the same path from the same address, is 75% of the standard rate of connection charge for that end of the circuit only. This applies to digital circuits only.

3.3 - Wholesale Channelised Leased Line Remote End Rental Fees (€)

Table 10

| Circuit Speed | Per Local End | Additional 100m Local Loop | Main Link Access Charge (1) | Main Link 1-30Km per Km | Above 30Km per Km |
|----------------|---------------|----------------------------|-----------------------------|-------------------------|-------------------|
| 9.6 or 64 kb/s | 710.24 | | 167.05 | 54.91 | 4.20 |
| 128 kb/s | 710.24 | | 335.26 | 65.42 | 7.71 |
| 192 kb/s | 1,357.40 | | 501.73 | 75.93 | 11.68 |
| 256 kb/s | 1,357.40 | | 669.36 | 86.44 | 15.19 |
| 320 kb/s | 1,357.40 | | 827.64 | 96.96 | 19.15 |
| 384 kb/s | 1,357.40 | | 967.82 | 106.31 | 22.55 |
| 448 kb/s | 1,357.40 | | 1,108.00 | 116.81 | 26.63 |
| 512 kb/s | 1,357.40 | | 1,248.18 | 128.50 | 30.49 |
| 576 kb/s | 1,357.40 | | 1,388.36 | 137.84 | 34.11 |
| 640 kb/s | 1,357.40 | | 1,527.95 | 148.36 | 37.85 |
| 704 kb/s | 1,357.40 | | 1,668.13 | 158.87 | 41.47 |
| 768 kb/s | 1,357.40 | | 1,808.90 | 169.38 | 45.21 |
| 832 kb/s | 1,357.40 | | 1,948.49 | 179.90 | 48.94 |
| 896 kb/s | 1,357.40 | | 2,088.67 | 190.41 | 52.69 |
| 960 kb/s | 1,357.40 | | 2,228.85 | 200.92 | 56.42 |
| 1024 kb/s | 1,357.40 | 70.09 | 2,369.03 | 211.43 | 60.16 |
| 1088 kb/s | 2,102.69 | 70.09 | 2,386.55 | 214.94 | 61.68 |
| 1152 kb/s | 2,102.69 | 70.09 | 2,404.07 | 218.44 | 63.31 |
| 1216 kb/s | 2,102.69 | 70.09 | 2,421.01 | 223.12 | 64.83 |
| 1280 kb/s | 2,102.69 | 70.09 | 2,438.54 | 226.62 | 66.35 |
| 1344 kb/s | 2,102.69 | 70.09 | 2,456.64 | 230.13 | 67.87 |
| 1408 kb/s | 2,102.69 | 70.09 | 2,474.16 | 234.80 | 69.39 |
| 1472 kb/s | 2,102.69 | 70.09 | 2,491.10 | 238.31 | 70.90 |
| 1536 kb/s | 2,102.69 | 70.09 | 2,508.63 | 242.98 | 72.42 |
| 1600 kb/s | 2,102.69 | 70.09 | 2,526.15 | 246.48 | 74.06 |
| 1664 kb/s | 2,102.69 | 70.09 | 2,543.67 | 249.98 | 75.58 |
| 1728 kb/s | 2,102.69 | 70.09 | 2,561.19 | 254.66 | 77.10 |
| 1792 kb/s | 2,102.69 | 70.09 | 2,578.71 | 258.16 | 78.61 |
| 1856 kb/s | 2,102.69 | 70.09 | 2,596.24 | 261.67 | 80.13 |
| 1920 kb/s | 2,102.69 | 70.09 | 2,613.76 | 266.34 | 81.65 |
| 1984 kb/s | 2,102.69 | 70.09 | 2,630.70 | 269.85 | 83.18 |
| 2048 kb/s | 2,102.69 | 70.09 | 2,648.80 | 274.52 | 84.81 |

Notes :

1. Main link access charge applies to all circuits where inter-exchange distance is greater than zero kilometres.
2. Distance is charged per kilometre for each main-link kilometre or part thereof.
3. Charging for the Channelised E1 Access will commence on completion of the provision of the Channelised E1 Access. Eircom will use its reasonable commercial endeavours to connect remote sites as rapidly as possible. Normal Wholesale Leased Line delivery times apply to the channelised and remote sites.

Section 4 – General Charging Principles

4.1 Operator Delay

In accordance with the Carrier Services SLA, eircom is to provide a Wholesale Leased Line by the due delivery date (“Due DeliveryDate”). The Due Delivery Date is the date notified to the Operator by eircom(calculated in accordance with the procedures laid down in the Carrier Services SLA) as being the date by which eircom shall provide the Wholesale Leased Line to the Operator.

In the event that eircom is unable to provide the Service by the Due Delivery Date due to a Operator delay where the period of the Operator delay is three months or greater from the originally agreed Due Delivery Date, eircom shall cancel the order and the Operator shall be liable to pay the full Connection Charge to eircom. The Operator may reschedule the Due Delivery Date at any time, without penalty, provided that the rescheduling takes place at least three (3) Working Days prior to the Due Delivery Date then the Operator shall be obliged to pay to eircom fifty percent (50%) of the Connection Fee. For the avoidance of doubt, regardless of any rescheduling which may have taken place at the request of the Customer, once the Due Delivery Date has been rescheduled to a date which is three (3) months or more from the originally agreed Due Delivery Date, eircom shall cancel the order and the Operator shall be liable to pay the full Connection Charge to eircom.

4.2 Access to End User Premises

It shall be the Operator’s responsibility to allow eircom or to arrange for eircom to be allowed access to End User Premises for the purposes of carrying out provisioning. In the even t of eircom being denied such access or being unable to obtain access to the End User Premises, the Operator shall be liable to pay eircom such sum as represents fifty percent (50%) of the Connection Fee

In addition to the Connection Fee, in the case of access being denied, eircom may make a charge for abortive work done or money spent in attempting to gain access to the Premises. Eircom may also charge for the book value of non-recovered Telecommunications Apparatus in accordance with current valuations.

The Operator shall allow eircom or arrange for eircom to be allowed access to Premises for the purposes of carrying out fault repairs. In the event of eircom being denied such access or being unable to obtain access to the Premises, eircom shall be entitled to charge the Operator in respect of abortive work done or time spent in attempting to gain access to the Premises in accordance with the applicable hourly rate in force for the time being.

4.3 Non eircom Network Fault

If eircom carries out work to correct a reported fault in service and finds no fault in the eircom network, eircom shall be entitled to charge the Operator for abortive work done or money spent to determine such an outcome in accordance with the applicable hourly rate in force for the time being.

4.4 Additional Charges

The charges in this Service Schedule do not include any additional charges which may arise for building new duct and civil work for non-standard sites.

4.5 Call out Charges

The hourly charges applicable to certain works carried out by eircom in relation to Wholesale Leased Lines for the provision and maintenance of specific customer service requirements are outlined in table below:

Table 11

| Service | Work Carried out during | Fixed Fee (€) | |
|---|---|-------------------------------------|-------------------------|
| Call Out Fee | Business Hours 09-00 to 17-00 | 75.00 | |
| | After Hours 17-00 to 09-00 | 150.00 | |
| | | Min Charge (€) | Per Hour Thereafter (€) |
| On-Site Weekday service (Minimum charge of half an hour applies) | Business Hours 09-00 to 17-00 | * 150.00 | 150.00 |
| | After Hours 17-00 to 09-00 | 300.00 (Call out + 1st hour labour) | 300.00 |
| On-Site Weekend service (Minimum charge for four hours applies) | Saturday, Sunday & Public Holidays | * 1200 (4 hour labour) | 300.00 |
| Remote Maintenance Test | Mon - Fri 09-00 to 17-00 | 75.00 | |
| | Mon - Fri 17-00 to 09-00 & all day Sat, Sun & Public Hols | 150.00 | |

Notes :

1. Chargeable Provision Service includes:

- Wiring work carried out on a customer's premises in excess of the standard parameters.
- Customer request for installation to be provided outside of normal business hours.
- Customer request for remote/on-site backup support.

2. Chargeable Maintenance Service include:

- Customer misoperation/damage
- Fault with non-*eircom* customer premises equipment
- Customer power supply issues
- Network co-operation test request

* For weekend service an additional Call-out charge will only be charged for On- Site maintenance. Charges exclude additional material costs (where required). Service charges are not limited to those listed above. Customers will be advised of changes as they occur. All charges quoted are exclusive of VAT, which will be applied at the appropriate rate.

* Call out charges will not apply where an *eircom* Technician is already at a customer's premises on work related to scheduled work.

Service Schedule 007

Ethernet Aggregation Links

1. 1. The charges for Ethernet Aggregation Links shall comprise of both installation and annual rental elements as set out below.

Table 1 - CSH Ethernet Aggregation Link Connection Fees in EURO

| CSH Ethernet Aggregation Link | Connection Fee | Effective From | Effective to |
|-------------------------------|----------------|----------------|--------------|
| 100Mb | 2,352.00 | | 30/09/09 |
| 100Mb | 2,187.00 | 01/10/09 | 31/03/10 |
| 100Mb | 2,077.00 | 01/04/10 | |

Table 2 - CSH Ethernet Aggregation Link Annual Rental Fees in EURO

| CSH Ethernet Aggregation Link | Local Access up to 1.5km | Local Access > 1.5km (per 100m) |
|-------------------------------|--------------------------|---------------------------------|
| 100Mb | 9,063.00 | 378.00 |

Table 3 - ISH Ethernet Aggregation Link Connection Fees in EURO

| ISH Ethernet Aggregation Link | Connection Fee | Effective From | Effective to |
|-------------------------------|----------------|----------------|--------------|
| 100Mb | 13,569.00 | | 30/09/09 |
| 100Mb | 12,619.00 | 01/10/09 | 31/03/10 |
| 100Mb | 11,988.00 | | |

Table 4 - ISH Ethernet Aggregation Link Annual Rental Fees in EURO

| ISH Ethernet Aggregation Link | |
|-------------------------------|--------|
| 100Mb | 843.00 |

Table 5 - IBH Ethernet Aggregation Link Connection Fees in EURO

| IBH Ethernet Aggregation Link | Connection Fee | Effective From | Effective to |
|-------------------------------|----------------|----------------|--------------|
| 100Mb | 10,616.00 | 13/10/09 | 31/03/2010 |
| 100Mb | 10,085.00 | 01/04/10 | |

Table 6 - IBH Ethernet Aggregation Link Annual Rental Fees in EURO

| IBH Ethernet Aggregation Link | Annual Rental | Effective From | Effective to |
|-------------------------------|---------------|----------------|--------------|
| 100Mb | 843.00 | 13/10/09 | |

Service Schedule 008

Uncontended Ethernet Access Circuits

- The charges for Ethernet Access Circuits shall comprise installation, upgrade, downgrade, cessation, and annual rental elements as set out below.

Table 1 - Uncontended Ethernet Access Circuit Connection / Upgrade / Downgrade Fees in EURO

| Uncontended Ethernet Access Circuit Speed | Connection / Upgrade / Downgrade Fee | Effective From | Effective to |
|---|--------------------------------------|----------------|--------------|
| 512 kb/s | 544.01 | | 30/09/09 |
| 512 kb/s | 505.92 | 01/10/09 | 31/03/10 |
| 512 kb/s | 480.62 | 01/04/10 | 31/12/10 |
| 512 kb/s | 456.58 | 01/01/11 | |
| 1Mb | 544.01 | | 30/09/09 |
| 1Mb | 505.92 | 01/10/09 | 31/03/10 |
| 1Mb | 480.62 | 01/04/10 | 31/12/10 |
| 1Mb | 456.58 | 01/01/11 | |
| 2Mb | 808.67 | | 30/09/09 |
| 2Mb | 752.06 | 01/10/09 | 31/03/10 |
| 2Mb | 714.45 | 01/04/10 | 31/12/10 |
| 2Mb | 678.72 | 01/01/11 | |
| 4Mb | 808.67 | | 30/09/09 |
| 4Mb | 752.06 | 01/10/09 | 31/03/10 |
| 4Mb | 714.45 | 01/04/10 | 31/12/10 |
| 4Mb | 678.72 | 01/01/11 | |
| 6Mb | 808.67 | | 30/09/09 |
| 6Mb | 752.06 | 01/10/09 | 31/03/10 |
| 6Mb | 714.45 | 01/04/10 | 31/12/10 |
| 6Mb | 678.72 | 01/01/11 | |
| 8Mb | 808.67 | | 30/09/09 |
| 8Mb | 752.06 | 01/10/09 | 31/03/10 |
| 8Mb | 714.45 | 01/04/10 | 31/12/10 |
| 8Mb | 678.72 | 01/01/11 | |
| 10Mb | 808.67 | | 30/09/09 |
| 10Mb | 752.06 | 01/10/09 | 31/03/10 |
| 10Mb | 714.45 | 01/04/10 | 31/12/10 |
| 10Mb | 678.72 | 01/01/11 | |

Table 2 – Addition / Removal of VLAN(s)

| |
|-------------------------------|
| Charge per VLAN (Euro) |
| 50.00 |

Table 3 - Uncontended Ethernet Access Circuit Annual Rental Fees in EURO - Effective to 30 September 2009

| Ethernet Access Circuit Speed | Local Access less than 1.5km | Local Access > 1.5km (per 100m) | Main Link Access (where Main Link Distance >0) | Main Link Access (where Main Link Distance = 0) | Main Link Distance Up to 30 km | Main Link Distance > 30 km |
|-------------------------------|------------------------------|---------------------------------|--|---|--------------------------------|----------------------------|
| 512 kb/s | 549.00 | 0.00 | 2,051.00 | 1,025.00 | 91.00 | 48.00 |
| 1Mb | 1,110.00 | 26.00 | 3,721.00 | 1,860.00 | 176.00 | 93.00 |
| 2Mb | 1,110.00 | 28.00 | 4,135.00 | 2,067.00 | 195.00 | 104.00 |
| 4Mb | 2,164.00 | 57.00 | 4,631.00 | 2,315.00 | 265.00 | 141.00 |
| 6Mb | 3,163.00 | 86.00 | 5,078.00 | 2,539.00 | 315.00 | 168.00 |
| 8Mb | 4,107.00 | 115.00 | 5,242.00 | 2,621.00 | 351.00 | 187.00 |
| 10Mb | 4,995.00 | 143.00 | 5,367.00 | 2,683.00 | 384.00 | 204.00 |

Table 3 - Uncontended Ethernet Access Circuit Annual Rental Fees in EURO - Effective from 1st October 2009 to 31st March 2010

| Ethernet Access Circuit Speed | Local Access less than 1.5km | Local Access > 1.5km (per 100m) | Main Link Access (where Main Link Distance >0) | Main Link Access (where Main Link Distance = 0) | Main Link Distance Up to 20 km | Main Link Distance > 20 km |
|-------------------------------|------------------------------|---------------------------------|--|---|--------------------------------|----------------------------|
| 512 kb/s | 549.00 | 0.00 | 1,952.00 | 976.00 | 91.00 | 48.00 |
| 1Mb | 1,110.00 | 26.00 | 3,433.00 | 1,716.50 | 176.00 | 93.00 |
| 2Mb | 1,110.00 | 28.00 | 3,574.00 | 1,787.00 | 195.00 | 104.00 |
| 4Mb | 2,164.00 | 57.00 | 3,957.00 | 1,978.50 | 265.00 | 141.00 |
| 6Mb | 3,163.00 | 86.00 | 4,288.00 | 2,144.00 | 315.00 | 168.00 |
| 8Mb | 4,107.00 | 115.00 | 4,374.00 | 2,187.00 | 351.00 | 187.00 |
| 10Mb | 4,995.00 | 143.00 | 4,425.00 | 2,212.50 | 384.00 | 204.00 |

Table 3 - Uncontended Ethernet Access Circuit Annual Rental Fees in EURO - Effective from 1 April 2010 to 31 December 2010

| Ethernet Access Circuit Speed | Local Access less than 1.5km | Local Access > 1.5km (per 100m) | Main Link Access (where Main Link Distance >0) | Main Link Access (where Main Link Distance = 0) | Main Link Distance Up to 20 km | Main Link Distance > 20 km |
|-------------------------------|------------------------------|---------------------------------|--|---|--------------------------------|----------------------------|
| 512 kb/s | 549.00 | 0.00 | 1,838.00 | 919.00 | 91.00 | 48.00 |
| 1Mb | 1,110.00 | 26.00 | 3,081.00 | 1,540.50 | 176.00 | 93.00 |
| 2Mb | 1,110.00 | 28.00 | 3,081.00 | 1,540.50 | 195.00 | 104.00 |
| 4Mb | 2,164.00 | 57.00 | 3,371.00 | 1,685.50 | 265.00 | 141.00 |
| 6Mb | 3,163.00 | 86.00 | 3,610.00 | 1,805.00 | 315.00 | 168.00 |
| 8Mb | 4,107.00 | 115.00 | 3,639.00 | 1,819.50 | 351.00 | 187.00 |
| 10Mb | 4,995.00 | 143.00 | 3,639.00 | 1,819.50 | 384.00 | 204.00 |

Table 3 - Uncontended Ethernet Access Circuit Annual Rental Fees in EURO - Effective from 1 January 2011

| Ethernet Access Circuit Speed | Local Access less than 1.5km | Local Access > 1.5km (per 100m) | Main Link Access (where Main Link Distance >0) | Main Link Access (where Main Link Distance = 0) | Main Link Distance Up to 20 km | Main Link Distance > 20 km |
|-------------------------------|------------------------------|---------------------------------|--|---|--------------------------------|----------------------------|
| 512 kb/s | 527.00 | 0.00 | 1,710.00 | 855.00 | 91.00 | 48.00 |
| 1Mb | 1,066.00 | 26.00 | 2,691.00 | 1,346.00 | 176.00 | 93.00 |
| 2Mb | 1,066.00 | 28.00 | 2,691.00 | 1,346.00 | 195.00 | 104.00 |
| 4Mb | 2,077.00 | 57.00 | 2,910.00 | 1,455.00 | 265.00 | 141.00 |
| 6Mb | 3,036.00 | 86.00 | 3,080.00 | 1,540.00 | 315.00 | 168.00 |
| 8Mb | 3,942.00 | 115.00 | 3,069.00 | 1,534.00 | 351.00 | 187.00 |
| 10Mb | 4,795.00 | 143.00 | 3,032.00 | 1,516.00 | 384.00 | 204.00 |

Contended Ethernet Access Circuits

Table 1 - Contended Wholesale Ethernet Access Service Connection / Upgrade / Downgrade Fees in EURO

| Contended Ethernet Access Circuit Speed | Connection / Upgrade / Downgrade Fee | Effective From | Effective to |
|---|--------------------------------------|----------------|--------------|
| 512 kb/s | 500.00 | 11/11/2009 | |
| 1Mb | 500.00 | 11/11/2009 | |
| 2Mb | 500.00 | 11/11/2009 | |
| 4Mb | 500.00 | 11/11/2009 | |
| 6Mb | 500.00 | 11/11/2009 | |
| 8Mb | 500.00 | 11/11/2009 | |
| 10Mb | 500.00 | 11/11/2009 | |

Table 2 - Addition / Removal / Change of each VLAN(s) - Effective from 11/11/09

| Charge Per VLAN (Euro) |
|------------------------|
| 50.00 |

Table 3 - Contended Wholesale Ethernet Access Service Annual Rental Fees in EURO - Effective from 11/11/09

| Contended Wholesale Ethernet Access Circuit Speed | Local Access | Main Link Access (where Main Link Distance >0) | Main Link Access (where Main Link Distance = 0) | Main Link Distance Up to 20 km | Main Link Distance > 20 km |
|---|--------------|--|---|--------------------------------|----------------------------|
| 512 kb/s | 549 | 928 | 469 | 91 | 48 |
| 1Mb | 615 | 1,173 | 687 | 176 | 93 |
| 2Mb | 1,110 | 1,518 | 804 | 195 | 104 |
| 4Mb | 2,196 | 1,781 | 890 | 265 | 141 |
| 6Mb | 2,196 | 1,930 | 965 | 350 | 178 |
| 8Mb | 2,500 | 2,187 | 1,094 | 435 | 215 |
| 10Mb | 2,800 | 2,212 | 1,106 | 520 | 252 |

Service Schedule 009

Regional Ethernet Aggregation Links

Table 1 - Wholesale Regional Ethernet Aggregation Link Connection Fees in EURO

| Capacity | Connection Fee (standard 24-port NTU). | Effective From | Effective to |
|----------|---|----------------|--------------|
| 1000Mb | 3,350 | 11/11/09 | |

**Table 2 - Wholesale Regional Ethernet Aggregation Link
Annual Rental Fees in EURO - Effective from 11/11/09**

| Capacity | Aggregation Link Access (max 4km) | Aggregation link distance per 100m |
|-------------|--------------------------------------|---------------------------------------|
| 1000 Mbit/s | 21,000 | 383 |

Note: The first Aggregation Link at any WREA Node will be subject to a 80% Isolation Discount on the standard annual rental price, resulting in a discounted annual rental of €4,200.

This discount will be withdrawn when the WREA Node location is connected to the NGN and equivalent NGN products are available.

All Pricing is subject to a final engineering survey and does not include any additional civil works which may arise. The standard price applies where the customer's premises is served by useable eircom owned duct and is within 500 metres of an available eircom access fibre which can connect to the eircom access node.

The standard price does not include costs for installing any new duct or clearing existing duct nor does it include any civil works which may be necessary to establish a connection between the nearest eircom fibre and the customer's premises.

The customer is responsible for any costs associated with duct work within their own curtilage

Service Schedule 010

Regional Ethernet Access Circuits

1. The charges for Regional Ethernet Access Circuits shall comprise installation, upgrade downgrade, cessation, and annual rental elements as set out below.

Table 1 - Wholesale Regional Ethernet Access Circuit Connection / Upgrade / Downgrade Fees in EURO

| Capacity | Connection / Upgrade / Downgrade Fee | Effective From | Effective to |
|-------------|--------------------------------------|----------------|--------------|
| 10 Mbit/s | 3,350 | 11/11/09 | 25/04/10 |
| 10 Mbit/s | 2,400 | 26/04/10 | |
| 20 Mbit/s | 3,350 | 11/11/09 | 25/04/10 |
| 20 Mbit/s | 2,400 | 26/04/10 | |
| 30 Mbit/s | 3,350 | 11/11/09 | 25/04/10 |
| 30 Mbit/s | 2,400 | 26/04/10 | |
| 40 Mbit/s | 3,350 | 11/11/09 | 25/04/10 |
| 40 Mbit/s | 2,400 | 26/04/10 | |
| 50 Mbit/s | 3,350 | 11/11/09 | 25/04/10 |
| 50 Mbit/s | 2,400 | 26/04/10 | |
| 75 Mbit/s | 3,350 | 11/11/09 | 25/04/10 |
| 75 Mbit/s | 2,400 | 26/04/10 | |
| 100 Mbit/s | 3,350 | 11/11/09 | 25/04/10 |
| 100 Mbit/s | 2,400 | 26/04/10 | |
| 200 Mbit/s | 3,350 | 11/11/09 | 25/04/10 |
| 200 Mbit/s | 2,400 | 26/04/10 | |
| 300 Mbit/s | 3,350 | 11/11/09 | 25/04/10 |
| 300 Mbit/s | 2,400 | 26/04/10 | |
| 400 Mbit/s | 3,350 | 11/11/09 | 25/04/10 |
| 400 Mbit/s | 2,400 | 26/04/10 | |
| 500 Mbit/s | 3,350 | 11/11/09 | 25/04/10 |
| 500 Mbit/s | 2,400 | 26/04/10 | |
| 600 Mbit/s | 3,350 | 11/11/09 | 25/04/10 |
| 600 Mbit/s | 2,400 | 26/04/10 | |
| 700 Mbit/s | 3,350 | 11/11/09 | 25/04/10 |
| 700 Mbit/s | 2,400 | 26/04/10 | |
| 800 Mbit/s | 3,350 | 11/11/09 | 25/04/10 |
| 800 Mbit/s | 2,400 | 26/04/10 | |
| 900 Mbit/s | 3,350 | 11/11/09 | 25/04/10 |
| 900 Mbit/s | 2,400 | 26/04/10 | |
| 1000 Mbit/s | 3,350 | 11/11/09 | 25/04/10 |
| 1000 Mbit/s | 2,400 | 26/04/10 | |

**Table 2 - Wholesale Regional Ethernet Access Circuit
Annual Rental Fees in EURO - Effective from 11/11/09 to 25/04/10**

| Capacity | Standard CoS Access (max 4km) | Access distance per 100m |
|-------------|----------------------------------|-----------------------------|
| 10 Mbit/s | 4,179 | 383 |
| 20 Mbit/s | 4366 | 383 |
| 30 Mbit/s | 4617 | 383 |
| 40 Mbit/s | 4878 | 383 |
| 50 Mbit/s | 5163 | 383 |
| 75 Mbit/s | 5890 | 383 |
| 100 Mbit/s | 6689 | 383 |
| 200 Mbit/s | 8912 | 383 |
| 300 Mbit/s | 11372 | 383 |
| 400 Mbit/s | 13240 | 383 |
| 500 Mbit/s | 15108 | 383 |
| 600 Mbit/s | 16977 | 383 |
| 700 Mbit/s | 18,845 | 383 |
| 800 Mbit/s | 20,713 | 383 |
| 900 Mbit/s | 22581 | 383 |
| 1000 Mbit/s | 23857 | 383 |

**Table 2 - Wholesale Regional Ethernet Access Circuit
Annual Rental Fees in EURO - Effective from 26/04/10**

| Capacity | Standard CoS Access (max 4km) | Access distance per 100m |
|-------------|----------------------------------|-----------------------------|
| 10 Mbit/s | 2,820 | 300 |
| 20 Mbit/s | 2,940 | 300 |
| 30 Mbit/s | 3,109 | 300 |
| 40 Mbit/s | 3,285 | 300 |
| 50 Mbit/s | 3,420 | 300 |
| 75 Mbit/s | 3,804 | 300 |
| 100 Mbit/s | 4,320 | 300 |
| 200 Mbit/s | 5,700 | 300 |
| 300 Mbit/s | 7,200 | 300 |
| 400 Mbit/s | 8,400 | 300 |
| 500 Mbit/s | 9,600 | 300 |
| 600 Mbit/s | 10,800 | 300 |
| 700 Mbit/s | 12,000 | 300 |
| 800 Mbit/s | 13,200 | 300 |
| 900 Mbit/s | 14,400 | 300 |
| 1000 Mbit/s | 15,300 | 300 |

Note: All Pricing is subject to a final engineering survey and does not include any additional civil works which may arise. The standard price applies where the customers premises is served by useable eircom owned duct and is within 500 metres of an available eircom access fibre which can connect to the eircom access node.

The standard price does not include costs for installing any new duct or clearing existing duct nor does it include any civil works which may be necessary to establish a connection between the nearest eircom fibre and the customer's premises.

The customer is responsible for any costs associated with duct work within their own curtilage

Table 3 - Addition / Removal / Change of each VLAN(s)
- Effective from 11/11/09

| |
|---------------------------|
| Charge Per VLAN (Euro) |
| 50 |

Service Schedule 011

Dublin Ethernet Aggregation Links

Table 1 - Wholesale Dublin Ethernet Aggregation Link Connection Fees in EURO

| Capacity | Connection Fee (standard 24-port NTU). | Connection Fee 48-port NTU) | Effective From | Effective to |
|----------|--|-----------------------------|----------------|--------------|
| 1000Mb | 3,350 | 5,350 | 11/11/09 | |

Note: The type of NTU must be selected at time of order

Table 2 - Wholesale Dublin Ethernet Aggregation Link Annual Rental Fees in EURO - Effective from 11/11/09

| Capacity | Aggregation Link Access (max 4km) | Aggregation link distance per 100m |
|-------------|-----------------------------------|------------------------------------|
| 1000 Mbit/s | 21,000 | 383 |

Note: All Pricing is subject to a final engineering survey and does not include any additional civil works which may arise. The standard price applies where the customers premises is served by useable eircom owned duct and is within 500 metres of an available eircom access fibre which can connect to the eircom access node.

The standard price does not include costs for installing any new duct or clearing existing duct nor does it include any civil works which may be necessary to establish a connection between the nearest eircom fibre and the customers premises. The customer is responsible for any costs associated with duct work within their own curtilage

Service Schedule 012

Dublin Ethernet Access Circuits

1. The charges for Dublin Ethernet Access Circuits shall comprise installation, upgrade, downgrade, cessation, and annual rental elements as set out below.

Table 1 - Wholesale Dublin Ethernet Access Circuit Connection / Upgrade / Downgrade Fees in EURO

| Capacity | Connection / Upgrade / Downgrade Fee | Effective From | Effective to |
|-------------|--------------------------------------|----------------|--------------|
| 10 Mbit/s | 3,350 | 11/11/09 | 25/04/10 |
| 10 Mbit/s | 2,400 | 26/04/10 | |
| 20 Mbit/s | 3,350 | 11/11/09 | 25/04/10 |
| 20 Mbit/s | 2,400 | 26/04/10 | |
| 50 Mbit/s | 3,350 | 11/11/09 | 25/04/10 |
| 50 Mbit/s | 2,400 | 26/04/10 | |
| 60 Mbit/s | 3,350 | 11/11/09 | 25/04/10 |
| 60 Mbit/s | 2,400 | 26/04/10 | |
| 100 Mbit/s | 3,350 | 11/11/09 | 25/04/10 |
| 100 Mbit/s | 2,400 | 26/04/10 | |
| 150 Mbit/s | 3,350 | 11/11/09 | 25/04/10 |
| 150 Mbit/s | 2,400 | 26/04/10 | |
| 200 Mbit/s | 3,350 | 11/11/09 | 25/04/10 |
| 200 Mbit/s | 2,400 | 26/04/10 | |
| 300 Mbit/s | 3,350 | 11/11/09 | 25/04/10 |
| 300 Mbit/s | 2,400 | 26/04/10 | |
| 400 Mbit/s | 3,350 | 11/11/09 | 25/04/10 |
| 400 Mbit/s | 2,400 | 26/04/10 | |
| 500 Mbit/s | 3,350 | 11/11/09 | 25/04/10 |
| 500 Mbit/s | 2,400 | 26/04/10 | |
| 600 Mbit/s | 3,350 | 11/11/09 | 25/04/10 |
| 600 Mbit/s | 2,400 | 26/04/10 | |
| 700 Mbit/s | 3,350 | 11/11/09 | 25/04/10 |
| 700 Mbit/s | 2,400 | 26/04/10 | |
| 800 Mbit/s | 3,350 | 11/11/09 | 25/04/10 |
| 800 Mbit/s | 2,400 | 26/04/10 | |
| 900 Mbit/s | 3,350 | 11/11/09 | 25/04/10 |
| 900 Mbit/s | 2,400 | 26/04/10 | |
| 1000 Mbit/s | 3,350 | 11/11/09 | 25/04/10 |
| 1000 Mbit/s | 2,400 | 26/04/10 | |

**Table 2 - Wholesale Dublin Ethernet Access Circuit
Annual Rental Fees in EURO - Effective from 11/11/09 to 25/04/10**

| Capacity | Standard CoS Access (max 4km) | Premium CoS Access (max 4km) | Access distance per 100m |
|-------------|----------------------------------|---------------------------------|-----------------------------|
| 10 Mbit/s | 4,179 | 5,470 | 383 |
| 20 Mbit/s | 4,366 | 6,060 | 383 |
| 50 Mbit/s | 5,163 | 8,570 | 383 |
| 60 Mbit/s | | 9,604 | 383 |
| 100 Mbit/s | 6,689 | 12,556 | 383 |
| 150 Mbit/s | | 15,358 | 383 |
| 200 Mbit/s | 8,912 | | 383 |
| 300 Mbit/s | 11,372 | | 383 |
| 400 Mbit/s | 13,240 | | 383 |
| 500 Mbit/s | 15,108 | | 383 |
| 600 Mbit/s | 16,977 | | 383 |
| 700 Mbit/s | 18,845 | | 383 |
| 800 Mbit/s | 20,713 | | 383 |
| 900 Mbit/s | 22,581 | | 383 |
| 1000 Mbit/s | 23,857 | | 383 |

**Table 2 - Wholesale Dublin Ethernet Access Circuit
Annual Rental Fees in EURO - Effective from 26/04/10**

| Capacity | Standard CoS Access (max 4km) | Premium CoS Access (max 4km) | Access distance per 100m |
|-------------|----------------------------------|---------------------------------|-----------------------------|
| 10 Mbit/s | 2,820 | 3,525 | 300 |
| 20 Mbit/s | 2,940 | 3,900 | 300 |
| 50 Mbit/s | 3,420 | 5,400 | 300 |
| 60 Mbit/s | | 6,000 | 300 |
| 100 Mbit/s | 4,320 | 7,800 | 300 |
| 150 Mbit/s | | 9,600 | 300 |
| 200 Mbit/s | 5,700 | | 300 |
| 300 Mbit/s | 7,200 | | 300 |
| 400 Mbit/s | 8,400 | | 300 |
| 500 Mbit/s | 9,600 | | 300 |
| 600 Mbit/s | 10,800 | | 300 |
| 700 Mbit/s | 12,000 | | 300 |
| 800 Mbit/s | 13,200 | | 300 |
| 900 Mbit/s | 14,400 | | 300 |
| 1000 Mbit/s | 15,300 | | 300 |

Note: All Pricing is subject to a final engineering survey and does not include any additional civil works which may arise .The standard price applies where the customer’s premises is served by useable eircom owned duct and is within 500 metres of an available eircom access fibre which can connect to the eircom access node.

The standard price does not include costs for installing any new duct or clearing existing duct nor does it include any civil works which may be necessary to establish a connection between the nearest eircom fibre and the customer’s premises.

The customer is responsible for any costs associated with duct work within their own curtilage

Wholesale Dublin Ethernet Access Traffic-Based CoS

For a port to be provided with Traffic-based CoS, both Standard and Premium CoS must be ordered. The charge is the sum of the two capacities ordered (as per Standard and Premium tables above), less a discount of Euro 3,350 as the capacities are provided on a single port.

In addition to the Premium capacities available above, the following capacities are available only for Traffic-based CoS ports. These cannot be ordered unless the circuit has 10 Mbit/s of other capacity (in situ, or ordered at the same time).

**Table 3 - Wholesale Dublin Ethernet Access Traffic-Based CoS Circuit
Annual Rental Fees in EURO - Effective from 11/11/09**

| Premium Capacity | Traffic-Based CoS Rental per annum |
|------------------|---------------------------------------|
| 1 Mbit/s | 4,138 |
| 2 Mbit/s | 4,350 |
| 3 Mbit/s | 4,478 |
| 4 Mbit/s | 4,605 |
| 5 Mbit/s | 4,690 |

**Table 4- Addition / Removal / Change of each VLAN(s)
- Effective from 11/11/09**

| |
|---------------------------|
| Charge Per VLAN (Euro) |
| 50.00 |

Service Schedule 013

Wholesale Ethernet Interconnect Link

Table 1 - Connection Fee - Wholesale Ethernet Interconnect Link – Effective from 16/08/10 to 15/03/11

| | Circuit Speed | Connection Fee |
|-----|----------------------|-----------------------|
| CSH | 1000 Mb/s | €1,250 |
| ISH | 1000 Mb/s | €3,000 |
| IBH | 1000 Mb/s | €3,000 |

Table 1 - Connection Fee - Wholesale Ethernet Interconnect Link – Effective from 16/03/11 to 31/05/11

| | Circuit Speed | Connection Fee |
|-----|----------------------|-----------------------|
| CSH | 1000 Mb/s | €1,250 |
| ISH | 1000 Mb/s | €1,450 |
| IBH | 1000 Mb/s | €1,450 |
| ISH | 10 Gbps | €3,950 |
| IBH | 10 Gbps | €3,950 |

Table 1 - Connection Fee - Wholesale Ethernet Interconnect Link – Effective from 01/06/11

| | Circuit Speed | Connection Fee |
|-----|----------------------|-----------------------|
| CSH | 1000 Mb/s | €1,250 |
| ISH | 1000 Mb/s | €1,450 |
| IBH | 1000 Mb/s | €1,450 |
| ISH | 10 Gbps | €3,950 |
| IBH | 10 Gbps | €3,950 |
| ENH | 10 Gbps | €646 * |

* This charge is additional to the charges identified in Table 1(e)

The standard WEIL ENH connection applies where no additional infrastructure is required to provide the service. For second and subsequent circuits additional infrastructure charges may apply.

Table 1 (a) - Wholesale Ethernet Interconnect Link - ZX Card – Effective from 16/08/10

| |
|------------|
| Fee |
| €488 |

Table 1 (b) - Wholesale Ethernet Interconnect Link - ER Card - Effective from 16/03/11

| |
|------------|
| Fee |
| €2,173 |

Table 1 (c) - Wholesale Ethernet Interconnect Link - ZR Card - Effective from 16/03/11

| |
|------------|
| Fee |
| €3,569 |

The standard price applies where an Operator premises is served by useable eircom owned duct (useable duct for fibre assumes that there is sufficient space in the duct to draw in a subduct) and is within 500 metres of an available eircom access fibre which can connect to an eircom NGN node.

All pricing is subject to a final engineering survey and does not include any additional civil works which may arise.

The standard price does not include the costs associated with (1) installing any new duct or (2) clearing existing duct (3) new duct/poling and/or fibre build work (4) any civil works which may be necessary to establish a connection between the nearest eircom fibre and an Operator premises.

An Operator is responsible for any costs associated with duct work within their own curtilage.

Wholesale Ethernet Interconnect Link connectivity to an Operator's premises located beyond 4km (Note1) of the NGN node will be assessed on a case by case basis. eircom reserves the right to recover any additional costs incurred.

On request, eircom will provide a quote with an indicative price, which will be subject to full site survey. (Note 2)

Note 1:

1000Base-LX has a theoretical maximum distance of 10km –actual distances are more likely to be 4km – subject to full survey and physical testing

1000Base-ZX has a theoretical maximum distance of 70km – actual distances more likely to be 30km – subject to full survey and physical testing

10GBase-LR – theoretical maximum distance of 10km – actual distances more likely to be 4km is subject to full survey and physical testing

10GBase-ER- theoretical maximum distance of 40km – actual distances more likely to be 15km is subject to full survey and physical testing

10GBase-ZR- theoretical maximum distance of 80km – actual distances more likely to be 30km is subject to full survey and physical testing

Note 2: For orders classified as “Non Standard”, eircom may provide a revised quotation at Order Validation (OV) stage.

Cancellation Charges

Where the Operator cancels an order within 5 working days of Order Receipt eircom will charge 30% of the connection charges as set out in Table 1 above.

Where the Operator cancels an order within 22 working days of Order Receipt eircom will charge 50% of the connection charges as set out in Table 1 above.

Where the Operator cancels an order after 22 working days of Order Receipt eircom will charge 100% of the connection charges as set out in Table 1 above.

Table 1 (d) - Wholesale Ethernet Interconnect Link - In Building Handover, Quote Infrastructure Build (QIB) and Provide Infrastructure Build (PIB) – Effective from 21/04/11

| Service | Fee |
|------------------------------------|------------|
| QIB | €359 |
| PIB up to 50 metres | €1,858 |
| PIB per additional metre above 50m | €7.23 |

The table above outlines the QIB charge per site and the PIB charge that shall apply for this product. The PIB has a standard charge for a distance of up to 50M. Beyond this distance an additional charge per metre shall apply.

The above pricing applies for standard exchange configurations. Where exceptional circumstances arise, eircom reserve the right to raise additional fees to recover exceptional costs

The installation and commissioning of the Edge Node Handover infrastructure (PIB-ENH) is a prerequisite for delivery of a Wholesale Ethernet Interconnect Link ENH circuit, and is Operator specific. The associated survey work (QIB-ENH) is a non-chargeable item.

See Table 1 (e) below for the connection and rental fees associated with the WEIL ENH circuit delivered at an Edge Node Handover site.

The Wholesale Symmetric Ethernet Access (WSEA) Logical charges associated with handover at an Edge Node Handover site are shown in Schedule 014.

Table 1 (e) - Wholesale Ethernet Interconnect Link - Edge Node Handover – Provide Infrastructure (PIB-ENH) charges – effective from 01/06/11 to 19/01/12

| 10Gbps | Fixed charge | Site specific charge |
|-------------------------|---|----------------------|
| Connection | €20,069 | (CSH based pricing*) |
| Rental (infrastructure) | €19,186 (5 year contract) or €28,535 (3 year contract) | (CSH based pricing*) |
| Rental (maintenance) | €6,387 | (CSH based pricing*) |

Table 1 (e) - Wholesale Ethernet Interconnect Link - Edge Node Handover – Provide Infrastructure (PIB-ENH) charges – effective from 20/01/12

| 10Gbps | Fixed charge | Site specific charge |
|---|---|----------------------|
| Connection | €20,069 | (CSH based pricing*) |
| Connection with 1 + 1 protection | €20,948 | (CSH based pricing*) |
| Rental (infrastructure) | €19,186 (5 year contract) or €28,535 (3 year contract) | (CSH based pricing*) |
| Rental with 1 + 1 protection (infrastructure) | €20,288 (5 year contract) or €30,106 (3 year contract) | (CSH based pricing*) |
| Rental (maintenance) | €6,387 | (CSH based pricing*) |

* Distance based depending on the geographic relationship between the Infrastructure located at the Operator site and the eircom Edge Nodes

If 1+1 protection is applied to an existing 10Gb/s WEIL ENH circuit then additional infrastructure charges may apply.

Table 2 - Annual Rental - Wholesale Ethernet Interconnect Link – Effective from 16/08/10 to 15/03/11

| | Circuit Speed | Urban Rental | Provincial Rental | Rural Rental | |
|-----|---------------|--------------|-------------------|--------------|-------------------------------------|
| CSH | 1000 Mb/s | €2,100 | €2,162 | €3,187 | Up to 500m |
| CSH | 1000 Mb/s | €154 | €166 | €324 | Per additional 100m or part thereof |
| ISH | 1000 Mb/s | €150 | €150 | €150 | |
| IBH | 1000 Mb/s | €150 | €150 | €150 | |

Table 2 - Annual Rental - Wholesale Ethernet Interconnect Link –Effective from 16/03/11 to 31/05/11

| | Circuit Speed | Urban Rental | Provincial Rental | Rural Rental | |
|-----|---------------|--------------|-------------------|--------------|-------------------------------------|
| CSH | 1000 Mb/s | €2,100 | €2,162 | €3,187 | Up to 500m |
| CSH | 1000 Mb/s | €154 | €166 | €324 | Per additional 100m or part thereof |
| ISH | 1000 Mb/s | €70 | €70 | €70 | |
| IBH | 1000 Mb/s | €70 | €70 | €70 | |
| ISH | 10 Gbps | €195 | €195 | €195 | |
| IBH | 10 Gbps | €195 | €195 | €195 | |

Table 2 - Annual Rental - Wholesale Ethernet Interconnect Link –Effective from 01/06/11

| | Circuit Speed | Urban Rental | Provincial Rental | Rural Rental | |
|-----|---------------|--------------|-------------------|--------------|-------------------------------------|
| CSH | 1000 Mb/s | €2,100 | €2,162 | €3,187 | Up to 500m |
| CSH | 1000 Mb/s | €154 | €166 | €324 | Per additional 100m or part thereof |
| ISH | 1000 Mb/s | €70 | €70 | €70 | |
| IBH | 1000 Mb/s | €70 | €70 | €70 | |
| ISH | 10 Gbps | €195 | €195 | €195 | |
| IBH | 10 Gbps | €195 | €195 | €195 | |
| ENH | 10 Gbps | €70 * | | | |

*This charge is additional to the charges identified in Table 1(e)

The “Urban, Provincial, Rural” classification is dependent on the NGN node that the Wholesale Ethernet Interconnect Link is connected to.

The breakdown of the WEIL "Urban, Provincial, Rural" categories & regions are detailed in the WEIL NGN node categorisation document (available via your account manager).

Table 3 - Wholesale Ethernet Interconnect Link - Service Access Bandwidth (SAB) – Effective from 16/08/10

| Transaction Fee |
|------------------------|
| €50 |

Service Schedule 014

Wholesale Symmetrical Ethernet Access

Table 1 - Connection Fee - Wholesale Symmetrical Ethernet Access (Physical) – Effective from 16/08/10 to 10/11/11

| Circuit Speed | Connection Fee |
|----------------------|-----------------------|
| All Speeds | €1,250 |

Table 1 - Connection Fee - Wholesale Symmetrical Ethernet Access (Physical) – Effective from 11/11/11

| | Circuit Speed | Connection Fee |
|-----|----------------------|-----------------------|
| CSH | All Speeds | €1,250 |
| IBH | All Speeds | €1,197 |

Table 1 (a) - Wholesale Symmetrical Ethernet Access (Physical) - ZX Card – Effective from 16/08/10

| Fee |
|------------|
| €488 |

The standard price applies where an Operator's end user premises is served by useable eircom owned duct (useable duct for fibre assumes that there is sufficient space in the duct to draw in a subduct) and is within 500 metres of an available eircom access fibre which can connect to an eircom NGN node.

All pricing is subject to a final engineering survey and does not include any additional civil works which may arise.

The standard price does not include the costs associated with (1) installing any new duct or (2) clearing existing duct (3) new duct/poling and/or fibre build work (4) any civil works which may be necessary to establish a connection between the nearest eircom fibre and an Operator premises.

An Operator is responsible for any costs associated with duct work within their end users own curtilage.

Wholesale Symmetrical Ethernet Access connectivity to an Operator's end users premises located beyond 4km (Note 1) of the NGN node will be assessed on a case by case basis. eircom reserves the right to recover any additional costs incurred.

On request, eircom will provide a quote with an indicative price, which will be subject to full site survey. (Note 2)

Note 1:

1000Base-LX has a theoretical maximum distance of 10km –actual distances are more likely to be 4km – subject to full survey and physical testing

1000Base-ZX has a theoretical maximum distance of 70km – actual distances more likely to be 30km – subject to full survey and physical testing

Note 2: For orders classified as “Non Standard”, eircom may provide a revised quotation at Order Validation (OV) stage.

Cancellation Charges

Where the Operator cancels an order within 5 working days of Order Receipt eircom will charge 30% of the connection charges as set out in Table 1 above.

Where the Operator cancels an order within 22 working days of Order Receipt eircom will charge 50% of the connection charges as set out in Table 1 above.

Where the Operator cancels an order after 22 working days of Order Receipt eircom will charge 100% of the connection charges as set out in Table 1 above.

Table 1 (b) - Wholesale Symmetrical Ethernet Access (Physical) - In Building Handover, Quote Infrastructure Build (QIB) and Provide Infrastructure Build (PIB) – Effective from 11/11/11

| Service | Fee |
|------------------------------------|--------|
| QIB | €359 |
| PIB up to 50 metres | €1,858 |
| PIB per additional metre above 50m | €7.23 |

The table above outlines the QIB charge per site and the PIB charge that shall apply for this product. The PIB has a standard charge for a distance of up to 50M. Beyond this distance an additional charge per metre shall apply.

The above pricing applies for standard exchange configurations. Where exceptional circumstances arise, eircom reserve the right to raise additional fees to recover exceptional costs

Table 2 - Annual Rental - Wholesale Symmetrical Ethernet Access (Physical) – Effective from 16/08/10 to 10/11/11

| Circuit Speed | Urban Rental | Provincial Rental | Rural Rental | |
|---------------|--------------|-------------------|--------------|-------------------------------------|
| All Speeds | €2,100 | €2,162 | €3,187 | Up to 500m |
| All Speeds | €154 | €166 | €324 | Per additional 100m or part thereof |

Table 2 - Annual Rental - Wholesale Symmetrical Ethernet Access (Physical) – Effective from 11/11/11

| | Circuit Speed | Urban Rental | Provincial Rental | Rural Rental | |
|-----|---------------|--------------|-------------------|--------------|-------------------------------------|
| CSH | All Speeds | €2,100 | €2,162 | €3,187 | Up to 500m |
| CSH | All Speeds | €154 | €166 | €324 | Per additional 100m or part thereof |
| IBH | All Speeds | €129 | €129 | €129 | |

The “Urban, Provincial, Rural” classification is dependent on the NGN node that the Wholesale Symmetrical Ethernet Access is connected to.

The breakdown of the WSEA Physical "Urban, Provincial, Rural" categories & regions are detailed in the WSEA NGN node categorisation document (available via your account manager).

Table 2(a) - Annual Rental - Wholesale Symmetrical Ethernet Access (Physical) - Node Reach – Effective from 16/08/10 to 30/06/11

| | High to High Density | High to Medium / Medium to High Density | Medium to Medium Density | |
|------------|----------------------|---|--------------------------|----------|
| All Speeds | €110 | €200 | €260 | Per 100m |

Table 2(a) - Annual Rental - Wholesale Symmetrical Ethernet Access (Physical) - Node Reach – Effective from 01/07/11

| | High to High Density | High to Medium / Medium to High Density | Medium to Medium Density | |
|------------|----------------------|---|--------------------------|----------|
| All Speeds | €0 | €0 | €0 | Per 100m |

Node Reach annual rental is incorporated into WSEA logical rental prices and the per 100 metres inter-exchange distance charge will no longer apply after 1/7/11. Access to NGN Nodes for WSEA services may be facilitated by Node Reach where the local customer serving exchange is parented to an NGN node (that is not co-located with the local serving exchange). The WEIL-WSEA NGN Rollout Plan shows which is the parent NGN node for each local customer serving exchange eligible for node reach.

Any WSEA service initially provided on a Node Reach basis may be migrated to a permanent configuration when the local exchange served is deployed on the eircom NGN. At that point the Operator may nominate an alternative WEIL so as to minimise the resulting WSEA logical charge.

Table 3 - Annual Rental - Wholesale Symmetrical Ethernet Access (Logical) – Same NGN node Conveyance – Effective from 16/08/10

| Circuit Speed | Same Site High Density | Same site Medium Density |
|----------------------|-------------------------------|---------------------------------|
| 10 Mb/s | €1,138 | €1,161 |
| 20 Mb/s | €1,169 | €1,212 |
| 30 Mb/s | €1,209 | €1,278 |
| 40 Mb/s | €1,293 | €1,417 |
| 50 Mb/s | €1,359 | €1,527 |
| 75 Mb/s | €1,431 | €1,646 |
| 100 Mb/s | €1,514 | €1,783 |
| 150 Mb/s | €1,673 | €2,046 |
| 200 Mb/s | €1,768 | €2,203 |
| 250 Mb/s | €1,873 | €2,377 |
| 300 Mb/s | €1,978 | €2,551 |
| 450 Mb/s | €2,294 | €3,072 |
| 500 Mb/s | €2,399 | €3,246 |
| 600 Mb/s | €2,716 | €3,770 |
| 750 Mb/s | €2,992 | €4,226 |
| 1000 Mb/s | €3,569 | €5,181 |

The breakdown of the WSEA "High Density" and "Medium Density" categories and Regions are detailed in the WSEA NGN node categorisation document (available via your account manager).

Table 4 - Annual Rental - Wholesale Symmetrical Ethernet Access (Logical) – Same Region Handover (High Density) Conveyance – Effective from 16/08/10 to 30/09/11

| Circuit Speed | Circuit Based Class of Service | | | | |
|----------------------|---------------------------------------|-----------------|-----------------|-----------------|-----------------|
| | Option 5 | Option 4 | Option 3 | Option 2 | Option 1 |
| 10 Mb/s | €1,388 | €2,056 | €2,279 | €2,989 | €3,808 |
| 20 Mb/s | €1,446 | €2,186 | €2,433 | €3,220 | €4,127 |
| 30 Mb/s | €1,520 | €2,353 | €2,630 | €3,516 | €4,536 |
| 40 Mb/s | €1,678 | €2,706 | €3,048 | €4,142 | €5,402 |
| 50 Mb/s | €1,802 | €2,984 | €3,378 | €4,635 | €6,084 |
| 75 Mb/s | €1,936 | €3,285 | €3,735 | €5,170 | €6,824 |
| 100 Mb/s | €2,091 | €3,633 | €4,147 | €5,787 | €7,677 |
| 150 Mb/s | €2,389 | €4,301 | €4,939 | €6,972 | €9,316 |
| 200 Mb/s | €2,566 | €4,698 | €5,409 | €7,676 | |
| 250 Mb/s | €2,763 | €5,139 | €5,931 | €8,458 | |
| 300 Mb/s | €2,960 | €5,580 | €6,454 | €9,240 | |
| 450 Mb/s | €3,550 | | | | |
| 500 Mb/s | €3,746 | | | | |
| 600 Mb/s | €4,339 | | | | |
| 750 Mb/s | €4,854 | | | | |
| 1000 Mb/s | €5,934 | | | | |

The breakdown of the WSEA "High Density" and "Medium Density" categories and Regions are detailed in the WSEA NGN node categorisation document (available via your account manager).

Table 4 - Annual Rental - Wholesale Symmetrical Ethernet Access (Logical) – Same Region Handover (High Density) Conveyance – Effective from 01/10/11 to 05/01/12

| Circuit Speed | Circuit Based Class of Service | | | | |
|---------------|--------------------------------|----------|----------|----------|----------|
| | Option 5 | Option 4 | Option 3 | Option 2 | Option 1 |
| 10 Mb/s | €1,388 | €2,056 | €2,279 | €2,989 | €3,808 |
| 20 Mb/s | €1,446 | €2,186 | €2,433 | €3,220 | €4,127 |
| 30 Mb/s | €1,520 | €2,353 | €2,630 | €3,516 | €4,536 |
| 40 Mb/s | €1,678 | €2,706 | €3,048 | €4,142 | €5,402 |
| 50 Mb/s | €1,802 | €2,984 | €3,378 | €4,635 | €6,084 |
| 75 Mb/s | €1,936 | €3,285 | €3,735 | €5,170 | €6,824 |
| 100 Mb/s | €2,091 | €3,633 | €4,147 | €5,787 | €7,677 |
| 150 Mb/s | €2,389 | €4,301 | €4,939 | €6,972 | €9,316 |
| 200 Mb/s | €2,566 | €4,698 | €5,409 | €7,676 | €10,289 |
| 250 Mb/s | €2,763 | €5,139 | €5,931 | €8,458 | €11,370 |
| 300 Mb/s | €2,960 | €5,580 | €6,454 | €9,240 | €12,453 |
| 450 Mb/s | €3,550 | €6,903 | €8,021 | €11,587 | |
| 500 Mb/s | €3,746 | €7,344 | €8,544 | €12,370 | |
| 600 Mb/s | €4,339 | €8,673 | €10,117 | €14,726 | |
| 750 Mb/s | €4,854 | | | | |
| 1000 Mb/s | €5,934 | | | | |

The breakdown of the WSEA "High Density" and "Medium Density" categories and Regions are detailed in the WSEA NGN node categorisation document (available via your account manager).

Table 4 - Annual Rental - Wholesale Symmetrical Ethernet Access (Logical) – Same Region Handover (High Density) Conveyance - Effective from 06/01/12

| Circuit Speed | Circuit Based Class of Service | | | | | |
|---------------|--------------------------------|----------|----------|----------|----------|----------|
| | Option 5 | Option 4 | Option 3 | Option 2 | Option 1 | Option 6 |
| 10 Mb/s | €1,388 | €2,056 | €2,279 | €2,989 | €3,808 | €3,270 |
| 20 Mb/s | €1,446 | €2,186 | €2,433 | €3,220 | €4,127 | €3,531 |
| 30 Mb/s | €1,520 | €2,353 | €2,630 | €3,516 | €4,536 | €3,866 |
| 40 Mb/s | €1,678 | €2,706 | €3,048 | €4,142 | €5,402 | €4,574 |
| 50 Mb/s | €1,802 | €2,984 | €3,378 | €4,635 | €6,084 | €5,132 |
| 75 Mb/s | €1,936 | €3,285 | €3,735 | €5,170 | €6,824 | €5,738 |
| 100 Mb/s | €2,091 | €3,633 | €4,147 | €5,787 | €7,677 | €6,435 |
| 150 Mb/s | €2,389 | €4,301 | €4,939 | €6,972 | €9,316 | €7,776 |
| 200 Mb/s | €2,566 | €4,698 | €5,409 | €7,676 | €10,289 | €8,573 |
| 250 Mb/s | €2,763 | €5,139 | €5,931 | €8,458 | €11,370 | €9,458 |
| 300 Mb/s | €2,960 | €5,580 | €6,454 | €9,240 | €12,453 | €10,343 |
| 450 Mb/s | €3,550 | €6,903 | €8,021 | €11,587 | | €12,998 |
| 500 Mb/s | €3,746 | €7,344 | €8,544 | €12,370 | | €13,884 |
| 600 Mb/s | €4,339 | €8,673 | €10,117 | €14,726 | | €16,550 |
| 750 Mb/s | €4,854 | | | | | |
| 1000 Mb/s | €5,934 | | | | | |

The breakdown of the WSEA "High Density" and "Medium Density" categories and Regions are detailed in the WSEA NGN node categorisation document (available via your account manager).

Table 5 - Annual Rental - Wholesale Symmetrical Ethernet Access (Logical) – Same Region Handover (Medium Density) Conveyance – Effective from 16/08/10 to 30/09/11

| Circuit Speed | Circuit Based Class of Service | | | | |
|---------------|--------------------------------|----------|----------|----------|----------|
| | Option 5 | Option 4 | Option 3 | Option 2 | Option 1 |
| 10 Mb/s | €2,085 | €3,825 | €4,404 | €6,254 | €8,386 |
| 20 Mb/s | €2,236 | €4,163 | €4,805 | €6,854 | €9,216 |
| 30 Mb/s | €2,430 | €4,597 | €5,320 | €7,624 | €10,281 |
| 40 Mb/s | €2,839 | €5,515 | €6,407 | €9,252 | €12,532 |
| 50 Mb/s | €3,162 | €6,239 | €7,265 | €10,537 | €14,310 |
| 75 Mb/s | €3,512 | €7,024 | €8,195 | €11,929 | €16,235 |
| 100 Mb/s | €3,916 | €7,930 | €9,268 | €13,535 | €18,456 |
| 150 Mb/s | €4,692 | €9,669 | €11,328 | €16,620 | €22,721 |
| 200 Mb/s | €5,152 | €10,702 | €12,552 | €18,453 | |
| 250 Mb/s | €5,664 | €11,850 | €13,912 | €20,489 | |
| 300 Mb/s | €6,176 | €12,997 | €15,271 | €22,525 | |
| 450 Mb/s | €7,712 | | | | |
| 500 Mb/s | €8,224 | | | | |
| 600 Mb/s | €9,767 | | | | |
| 750 Mb/s | €11,109 | | | | |
| 1000 Mb/s | €13,920 | | | | |

The breakdown of the WSEA "High Density" and "Medium Density" categories and Regions are detailed in the WSEA NGN node categorisation document (available via your account manager).

Table 5 - Annual Rental - Wholesale Symmetrical Ethernet Access (Logical) – Same Region Handover (Medium Density) Conveyance – Effective from 01/10/11 to 05/01/12

| Circuit Speed | Circuit Based Class of Service | | | | |
|---------------|--------------------------------|----------|----------|----------|----------|
| | Option 5 | Option 4 | Option 3 | Option 2 | Option 1 |
| 10 Mb/s | €2,085 | €3,825 | €4,404 | €6,254 | €8,386 |
| 20 Mb/s | €2,236 | €4,163 | €4,805 | €6,854 | €9,216 |
| 30 Mb/s | €2,430 | €4,597 | €5,320 | €7,624 | €10,281 |
| 40 Mb/s | €2,839 | €5,515 | €6,407 | €9,252 | €12,532 |
| 50 Mb/s | €3,162 | €6,239 | €7,265 | €10,537 | €14,310 |
| 75 Mb/s | €3,512 | €7,024 | €8,195 | €11,929 | €16,235 |
| 100 Mb/s | €3,916 | €7,930 | €9,268 | €13,535 | €18,456 |
| 150 Mb/s | €4,692 | €9,669 | €11,328 | €16,620 | €22,721 |
| 200 Mb/s | €5,152 | €10,702 | €12,552 | €18,453 | €25,256 |
| 250 Mb/s | €5,664 | €11,850 | €13,912 | €20,489 | €28,072 |
| 300 Mb/s | €6,176 | €12,997 | €15,271 | €22,525 | €30,887 |
| 450 Mb/s | €7,712 | €16,441 | €19,352 | €28,634 | |
| 500 Mb/s | €8,224 | €17,589 | €20,712 | €30,670 | |
| 600 Mb/s | €9,767 | €21,048 | €24,809 | €36,804 | |
| 750 Mb/s | €11,109 | | | | |
| 1000 Mb/s | €13,920 | | | | |

The breakdown of the WSEA "High Density" and "Medium Density" categories and Regions are detailed in the WSEA NGN node categorisation document (available via your account manager).

Table 5 - Annual Rental - Wholesale Symmetrical Ethernet Access (Logical) – Same Region Handover (Medium Density) Conveyance - Effective from 06/01/12

| Circuit Speed | Circuit Based Class of Service | | | | | |
|---------------|--------------------------------|----------|----------|----------|----------|----------|
| | Option 5 | Option 4 | Option 3 | Option 2 | Option 1 | Option 6 |
| 10 Mb/s | €2,085 | €3,825 | €4,404 | €6,254 | €8,386 | €6,986 |
| 20 Mb/s | €2,236 | €4,163 | €4,805 | €6,854 | €9,216 | €7,665 |
| 30 Mb/s | €2,430 | €4,597 | €5,320 | €7,624 | €10,281 | €8,537 |
| 40 Mb/s | €2,839 | €5,515 | €6,407 | €9,252 | €12,532 | €10,378 |
| 50 Mb/s | €3,162 | €6,239 | €7,265 | €10,537 | €14,310 | €11,832 |
| 75 Mb/s | €3,512 | €7,024 | €8,195 | €11,929 | €16,235 | €13,407 |
| 100 Mb/s | €3,916 | €7,930 | €9,268 | €13,535 | €18,456 | €15,225 |
| 150 Mb/s | €4,692 | €9,669 | €11,328 | €16,620 | €22,721 | €18,715 |
| 200 Mb/s | €5,152 | €10,702 | €12,552 | €18,453 | €25,256 | €20,788 |
| 250 Mb/s | €5,664 | €11,850 | €13,912 | €20,489 | €28,072 | €23,092 |
| 300 Mb/s | €6,176 | €12,997 | €15,271 | €22,525 | €30,887 | €25,395 |
| 450 Mb/s | €7,712 | €16,441 | €19,352 | €28,634 | | €32,307 |
| 500 Mb/s | €8,224 | €17,589 | €20,712 | €30,670 | | €34,611 |
| 600 Mb/s | €9,767 | €21,048 | €24,809 | €36,804 | | €41,552 |
| 750 Mb/s | €11,109 | | | | | |
| 1000 Mb/s | €13,920 | | | | | |

The breakdown of the WSEA "High Density" and "Medium Density" categories and Regions are detailed in the WSEA NGN node categorisation document (available via your account manager).

Table 6 - Annual Rental - Wholesale Symmetrical Ethernet Access (Logical) – Different Regions High Density to High Density Conveyance – Effective from 16/08/10 to 30/09/11

| Circuit Speed | Circuit Based Class of Service | | | | |
|---------------|--------------------------------|----------|----------|----------|----------|
| | Option 5 | Option 4 | Option 3 | Option 2 | Option 1 |
| 10 Mb/s | €2,145 | €3,753 | €4,289 | €6,000 | €7,971 |
| 20 Mb/s | €2,284 | €4,066 | €4,660 | €6,554 | €8,738 |
| 30 Mb/s | €2,464 | €4,468 | €5,136 | €7,268 | €9,725 |
| 40 Mb/s | €2,842 | €5,316 | €6,141 | €8,773 | €11,806 |
| 50 Mb/s | €3,141 | €5,986 | €6,935 | €9,961 | €13,449 |
| 75 Mb/s | €3,465 | €6,712 | €7,795 | €11,249 | €15,230 |
| 100 Mb/s | €3,838 | €7,550 | €8,787 | €12,734 | €17,284 |
| 150 Mb/s | €4,555 | €9,158 | €10,692 | €15,586 | €21,229 |
| 200 Mb/s | €4,981 | €10,113 | €11,824 | €17,281 | |
| 250 Mb/s | €5,455 | €11,175 | €13,082 | €19,164 | |
| 300 Mb/s | €5,928 | €12,236 | €14,339 | €21,047 | |
| 450 Mb/s | €7,349 | | | | |
| 500 Mb/s | €7,822 | | | | |
| 600 Mb/s | €9,248 | | | | |
| 750 Mb/s | €10,490 | | | | |
| 1000 Mb/s | €13,089 | | | | |

The breakdown of the WSEA "High Density" and "Medium Density" categories and Regions are detailed in the WSEA NGN node categorisation document (available via your account manager).

Table 6 - Annual Rental - Wholesale Symmetrical Ethernet Access (Logical) – Different Regions High Density to High Density Conveyance – Effective from 01/10/11 to 05/01/12

| Circuit Speed | Circuit Based Class of Service | | | | |
|---------------|--------------------------------|----------|----------|----------|----------|
| | Option 5 | Option 4 | Option 3 | Option 2 | Option 1 |
| 10 Mb/s | €2,145 | €3,753 | €4,289 | €6,000 | €7,971 |
| 20 Mb/s | €2,284 | €4,066 | €4,660 | €6,554 | €8,738 |
| 30 Mb/s | €2,464 | €4,468 | €5,136 | €7,268 | €9,725 |
| 40 Mb/s | €2,842 | €5,316 | €6,141 | €8,773 | €11,806 |
| 50 Mb/s | €3,141 | €5,986 | €6,935 | €9,961 | €13,449 |
| 75 Mb/s | €3,465 | €6,712 | €7,795 | €11,249 | €15,230 |
| 100 Mb/s | €3,838 | €7,550 | €8,787 | €12,734 | €17,284 |
| 150 Mb/s | €4,555 | €9,158 | €10,692 | €15,586 | €21,229 |
| 200 Mb/s | €4,981 | €10,113 | €11,824 | €17,281 | €23,573 |
| 250 Mb/s | €5,455 | €11,175 | €13,082 | €19,164 | €26,176 |
| 300 Mb/s | €5,928 | €12,236 | €14,339 | €21,047 | €28,780 |
| 450 Mb/s | €7,349 | €15,421 | €18,112 | €26,696 | |
| 500 Mb/s | €7,822 | €16,483 | €19,370 | €28,580 | |
| 600 Mb/s | €9,248 | €19,681 | €23,159 | €34,252 | |
| 750 Mb/s | €10,490 | | | | |
| 1000 Mb/s | €13,089 | | | | |

The breakdown of the WSEA "High Density" and "Medium Density" categories and Regions are detailed in the WSEA NGN node categorisation document (available via your account manager).

Table 6 - Annual Rental - Wholesale Symmetrical Ethernet Access (Logical) – Different Regions High Density to High Density Conveyance - Effective from 06/01/12

| Circuit Speed | Circuit Based Class of Service | | | | | |
|---------------|--------------------------------|----------|----------|----------|----------|----------|
| | Option 5 | Option 4 | Option 3 | Option 2 | Option 1 | Option 6 |
| 10 Mb/s | €2,145 | €3,753 | €4,289 | €6,000 | €7,971 | €6,677 |
| 20 Mb/s | €2,284 | €4,066 | €4,660 | €6,554 | €8,738 | €7,304 |
| 30 Mb/s | €2,464 | €4,468 | €5,136 | €7,268 | €9,725 | €8,111 |
| 40 Mb/s | €2,842 | €5,316 | €6,141 | €8,773 | €11,806 | €9,814 |
| 50 Mb/s | €3,141 | €5,986 | €6,935 | €9,961 | €13,449 | €11,159 |
| 75 Mb/s | €3,465 | €6,712 | €7,795 | €11,249 | €15,230 | €12,616 |
| 100 Mb/s | €3,838 | €7,550 | €8,787 | €12,734 | €17,284 | €14,296 |
| 150 Mb/s | €4,555 | €9,158 | €10,692 | €15,586 | €21,229 | €17,523 |
| 200 Mb/s | €4,981 | €10,113 | €11,824 | €17,281 | €23,573 | €19,441 |
| 250 Mb/s | €5,455 | €11,175 | €13,082 | €19,164 | €26,176 | €21,572 |
| 300 Mb/s | €5,928 | €12,236 | €14,339 | €21,047 | €28,780 | €23,702 |
| 450 Mb/s | €7,349 | €15,421 | €18,112 | €26,696 | | €30,094 |
| 500 Mb/s | €7,822 | €16,483 | €19,370 | €28,580 | | €32,225 |
| 600 Mb/s | €9,248 | €19,681 | €23,159 | €34,252 | | €38,643 |
| 750 Mb/s | €10,490 | | | | | |
| 1000 Mb/s | €13,089 | | | | | |

The breakdown of the WSEA "High Density" and "Medium Density" categories and Regions are detailed in the WSEA NGN node categorisation document (available via your account manager).

Table 7 - Annual Rental - Wholesale Symmetrical Ethernet Access (Logical) – Different Regions Medium Density to High Density Conveyance – Effective from 16/08/10 to 30/09/11

| Circuit Speed | Circuit Based Class of Service | | | | |
|---------------|--------------------------------|----------|----------|----------|----------|
| | Option 5 | Option 4 | Option 3 | Option 2 | Option 1 |
| 10 Mb/s | €2,395 | €4,520 | €5,228 | €7,488 | €10,092 |
| 20 Mb/s | €2,579 | €4,933 | €5,717 | €8,219 | €11,104 |
| 30 Mb/s | €2,816 | €5,464 | €6,347 | €9,162 | €12,408 |
| 40 Mb/s | €3,316 | €6,585 | €7,674 | €11,150 | €15,157 |
| 50 Mb/s | €3,711 | €7,470 | €8,723 | €12,720 | €17,328 |
| 75 Mb/s | €4,139 | €8,429 | €9,859 | €14,421 | €19,680 |
| 100 Mb/s | €4,632 | €9,535 | €11,169 | €16,382 | €22,392 |
| 150 Mb/s | €5,579 | €11,659 | €13,686 | €20,150 | €27,603 |
| 200 Mb/s | €6,142 | €12,921 | €15,181 | €22,389 | |
| 250 Mb/s | €6,767 | €14,323 | €16,842 | €24,876 | |
| 300 Mb/s | €7,393 | €15,725 | €18,503 | €27,363 | |
| 450 Mb/s | €9,269 | | | | |
| 500 Mb/s | €9,894 | | | | |
| 600 Mb/s | €11,778 | | | | |
| 750 Mb/s | €13,418 | | | | |
| 1000 Mb/s | €16,851 | | | | |

The breakdown of the WSEA "High Density" and "Medium Density" categories and Regions are detailed in the WSEA NGN node categorisation document (available via your account manager).

Table 7 - Annual Rental - Wholesale Symmetrical Ethernet Access (Logical) – Different Regions Medium Density to High Density Conveyance – Effective from 01/10/11 to 05/01/12

| Circuit Speed | Circuit Based Class of Service | | | | |
|---------------|--------------------------------|----------|----------|----------|----------|
| | Option 5 | Option 4 | Option 3 | Option 2 | Option 1 |
| 10 Mb/s | €2,395 | €4,520 | €5,228 | €7,488 | €10,092 |
| 20 Mb/s | €2,579 | €4,933 | €5,717 | €8,219 | €11,104 |
| 30 Mb/s | €2,816 | €5,464 | €6,347 | €9,162 | €12,408 |
| 40 Mb/s | €3,316 | €6,585 | €7,674 | €11,150 | €15,157 |
| 50 Mb/s | €3,711 | €7,470 | €8,723 | €12,720 | €17,328 |
| 75 Mb/s | €4,139 | €8,429 | €9,859 | €14,421 | €19,680 |
| 100 Mb/s | €4,632 | €9,535 | €11,169 | €16,382 | €22,392 |
| 150 Mb/s | €5,579 | €11,659 | €13,686 | €20,150 | €27,603 |
| 200 Mb/s | €6,142 | €12,921 | €15,181 | €22,389 | €30,699 |
| 250 Mb/s | €6,767 | €14,323 | €16,842 | €24,876 | €34,138 |
| 300 Mb/s | €7,393 | €15,725 | €18,503 | €27,363 | €37,578 |
| 450 Mb/s | €9,269 | €19,932 | €23,487 | €34,825 | |
| 500 Mb/s | €9,894 | €21,334 | €25,148 | €37,313 | |
| 600 Mb/s | €11,778 | €25,559 | €30,153 | €44,806 | |
| 750 Mb/s | €13,418 | | | | |
| 1000 Mb/s | €16,851 | | | | |

The breakdown of the WSEA "High Density" and "Medium Density" categories and Regions are detailed in the WSEA NGN node categorisation document (available via your account manager).

Table 7 - Annual Rental - Wholesale Symmetrical Ethernet Access (Logical) – Different Regions Medium Density to High Density Conveyance - Effective from 06/01/12

| Circuit Speed | Circuit Based Class of Service | | | | | |
|---------------|--------------------------------|----------|----------|----------|----------|----------|
| | Option 5 | Option 4 | Option 3 | Option 2 | Option 1 | Option 6 |
| 10 Mb/s | €2,395 | €4,520 | €5,228 | €7,488 | €10,092 | €8,382 |
| 20 Mb/s | €2,579 | €4,933 | €5,717 | €8,219 | €11,104 | €9,210 |
| 30 Mb/s | €2,816 | €5,464 | €6,347 | €9,162 | €12,408 | €10,276 |
| 40 Mb/s | €3,316 | €6,585 | €7,674 | €11,150 | €15,157 | €12,525 |
| 50 Mb/s | €3,711 | €7,470 | €8,723 | €12,720 | €17,328 | €14,302 |
| 75 Mb/s | €4,139 | €8,429 | €9,859 | €14,421 | €19,680 | €16,226 |
| 100 Mb/s | €4,632 | €9,535 | €11,169 | €16,382 | €22,392 | €18,446 |
| 150 Mb/s | €5,579 | €11,659 | €13,686 | €20,150 | €27,603 | €22,709 |
| 200 Mb/s | €6,142 | €12,921 | €15,181 | €22,389 | €30,699 | €25,242 |
| 250 Mb/s | €6,767 | €14,323 | €16,842 | €24,876 | €34,138 | €28,056 |
| 300 Mb/s | €7,393 | €15,725 | €18,503 | €27,363 | €37,578 | €30,870 |
| 450 Mb/s | €9,269 | €19,932 | €23,487 | €34,825 | | €39,313 |
| 500 Mb/s | €9,894 | €21,334 | €25,148 | €37,313 | | €42,127 |
| 600 Mb/s | €11,778 | €25,559 | €30,153 | €44,806 | | €50,605 |
| 750 Mb/s | €13,418 | | | | | |
| 1000 Mb/s | €16,851 | | | | | |

The breakdown of the WSEA "High Density" and "Medium Density" categories and Regions are detailed in the WSEA NGN node categorisation document (available via your account manager).

Table 8 - Annual Rental - Wholesale Symmetrical Ethernet Access (Logical) – Different Regions Medium Density to Medium Density Conveyance– Effective from 16/08/10 to 30/09/11

| Circuit Speed | Circuit Based Class of Service | | | | |
|---------------|--------------------------------|----------|----------|----------|----------|
| | Option 5 | Option 4 | Option 3 | Option 2 | Option 1 |
| 10 Mb/s | €2,811 | €5,451 | €6,332 | €9,140 | €12,377 |
| 20 Mb/s | €3,040 | €5,965 | €6,940 | €10,051 | €13,636 |
| 30 Mb/s | €3,334 | €6,625 | €7,722 | €11,221 | €15,255 |
| 40 Mb/s | €3,955 | €8,018 | €9,372 | €13,692 | €18,672 |
| 50 Mb/s | €4,446 | €9,118 | €10,675 | €15,643 | €21,371 |
| 75 Mb/s | €4,977 | €10,309 | €12,087 | €17,757 | €24,293 |
| 100 Mb/s | €5,591 | €11,684 | €13,716 | €20,196 | €27,666 |
| 150 Mb/s | €6,768 | €14,324 | €16,843 | €24,878 | €34,142 |
| 200 Mb/s | €7,468 | €15,893 | €18,702 | €27,661 | |
| 250 Mb/s | €8,245 | €17,636 | €20,767 | €30,753 | |
| 300 Mb/s | €9,022 | €19,379 | €22,831 | €33,844 | |
| 450 Mb/s | €11,354 | | | | |
| 500 Mb/s | €12,132 | | | | |
| 600 Mb/s | €14,473 | | | | |
| 750 Mb/s | €16,511 | | | | |
| 1000 Mb/s | €20,779 | | | | |

The breakdown of the WSEA "High Density" and "Medium Density" categories and Regions are detailed in the WSEA NGN node categorisation document (available via your account manager).

Table 8 - Annual Rental - Wholesale Symmetrical Ethernet Access (Logical) – Different Regions Medium Density to Medium Density Conveyance– Effective from 01/10/11 to 05/01/12

| Circuit Speed | Circuit Based Class of Service | | | | |
|---------------|--------------------------------|----------|----------|----------|----------|
| | Option 5 | Option 4 | Option 3 | Option 2 | Option 1 |
| 10 Mb/s | €2,811 | €5,451 | €6,332 | €9,140 | €12,377 |
| 20 Mb/s | €3,040 | €5,965 | €6,940 | €10,051 | €13,636 |
| 30 Mb/s | €3,334 | €6,625 | €7,722 | €11,221 | €15,255 |
| 40 Mb/s | €3,955 | €8,018 | €9,372 | €13,692 | €18,672 |
| 50 Mb/s | €4,446 | €9,118 | €10,675 | €15,643 | €21,371 |
| 75 Mb/s | €4,977 | €10,309 | €12,087 | €17,757 | €24,293 |
| 100 Mb/s | €5,591 | €11,684 | €13,716 | €20,196 | €27,666 |
| 150 Mb/s | €6,768 | €14,324 | €16,843 | €24,878 | €34,142 |
| 200 Mb/s | €7,468 | €15,893 | €18,702 | €27,661 | €37,989 |
| 250 Mb/s | €8,245 | €17,636 | €20,767 | €30,753 | €42,265 |
| 300 Mb/s | €9,022 | €19,379 | €22,831 | €33,844 | €46,540 |
| 450 Mb/s | €11,354 | €24,607 | €29,026 | €43,119 | |
| 500 Mb/s | €12,132 | €26,351 | €31,091 | €46,210 | |
| 600 Mb/s | €14,473 | €31,601 | €37,311 | €55,523 | |
| 750 Mb/s | €16,511 | | | | |
| 1000 Mb/s | €20,779 | | | | |

The breakdown of the WSEA "High Density" and "Medium Density" categories and Regions are detailed in the WSEA NGN node categorisation document (available via your account manager).

Table 8 - Annual Rental - Wholesale Symmetrical Ethernet Access (Logical) – Different Regions Medium Density to Medium Density Conveyance - Effective from 06/01/12

| Circuit Speed | Circuit Based Class of Service | | | | | |
|---------------|--------------------------------|----------|----------|----------|----------|----------|
| | Option 5 | Option 4 | Option 3 | Option 2 | Option 1 | Option 6 |
| 10 Mb/s | €2,811 | €5,451 | €6,332 | €9,140 | €12,377 | €10,251 |
| 20 Mb/s | €3,040 | €5,965 | €6,940 | €10,051 | €13,636 | €11,282 |
| 30 Mb/s | €3,334 | €6,625 | €7,722 | €11,221 | €15,255 | €12,606 |
| 40 Mb/s | €3,955 | €8,018 | €9,372 | €13,692 | €18,672 | €15,402 |
| 50 Mb/s | €4,446 | €9,118 | €10,675 | €15,643 | €21,371 | €17,610 |
| 75 Mb/s | €4,977 | €10,309 | €12,087 | €17,757 | €24,293 | €20,001 |
| 100 Mb/s | €5,591 | €11,684 | €13,716 | €20,196 | €27,666 | €22,760 |
| 150 Mb/s | €6,768 | €14,324 | €16,843 | €24,878 | €34,142 | €28,059 |
| 200 Mb/s | €7,468 | €15,893 | €18,702 | €27,661 | €37,989 | €31,207 |
| 250 Mb/s | €8,245 | €17,636 | €20,767 | €30,753 | €42,265 | €34,705 |
| 300 Mb/s | €9,022 | €19,379 | €22,831 | €33,844 | €46,540 | €38,202 |
| 450 Mb/s | €11,354 | €24,607 | €29,026 | €43,119 | | €48,696 |
| 500 Mb/s | €12,132 | €26,351 | €31,091 | €46,210 | | €52,195 |
| 600 Mb/s | €14,473 | €31,601 | €37,311 | €55,523 | | €62,732 |
| 750 Mb/s | €16,511 | | | | | |
| 1000 Mb/s | €20,779 | | | | | |

The breakdown of the WSEA "High Density" and "Medium Density" categories and Regions are detailed in the WSEA NGN node categorisation document (available via your account manager).

The prices included in this Service Schedule 014 of the eircom Network Price List apply in all instances with the exception of where the WSEA is requested at a bandwidth equal to or greater than 155Mb/s and is required to connect a location in one of the Urban Centres listed in Annex A of Decision No 02/10, as amended by the National Regulator, with a WEIL in a different Urban Centre also listed in the same Annex A. For these exceptions, eircom will commercially quote for the requested product.

Table 9 – Annual Rental - Wholesale Symmetrical Ethernet Access (Logical), Traffic Based Class of Service

The formula outlined below, enables Operators to calculate the relevant rental associated with a selected WSEA (logical) bandwidth and class of service option (Table 10) and the associated node/region/density (Tables 12-16 & 21-24).

Please note that the formula is not applicable to table 11 (same NGN Node)

This method has been selected as there are potentially in excess of 5,000 possible price point permutations and combinations.

Formula:

$$A + 0.2 \times (1-C-D) \times B + ((C + D)^{0.45}) \times B \times (1 + 0.1 \times C - 0.1 \times D)$$

A and B are selected from the calculation inputs for the required WSEA (logical) bandwidth from the relevant tables (12 through 16 – conveyance by region/density)

Where C and D are the EF and AF percentages associated with the WSEA (logical) traffic based class of service options by bandwidth in table 10

Worked Example

Required:

WSEA (logical) 75Mb, Option 20, Same Region Handover, Medium Density Conveyance.

Where:

| | | | | |
|-----------|----|-----|-----|---------------------------------------|
| Option 20 | EF | AF | Std | Available for Bandwidth 10Mb to 150Mb |
| | 5% | 20% | 75% | Yes |

C = EF = 5%

D = AF 20%

A and B calculation inputs are contained in Table 13.

| | | |
|------|-----|-------|
| B/W | A | B |
| 75Mb | 685 | 14136 |

Calculation:

$$685 + 0.2 \times (1-5\%-20\%) \times 14136 + ((5\% + 20\%)^{0.45}) \times 14136 \times (1 + 0.1 \times 5\% - 0.1 \times 20\%)$$

Table 10 - Wholesale Symmetrical Ethernet Access (Logical) Traffic Based CoS Options by Bandwidth – Effective to 30/09/11

| | EF | AF | Std | Available for Bandwidth: | | | | | | | | | |
|-----------|-----|-----|------|--------------------------|--------|--------|--------|--------|--------|--------|--------|---------|-----|
| | | | | 10 Mb to 150 Mb | 200 Mb | 250 Mb | 300 Mb | 450 Mb | 500 Mb | 600 Mb | 750 Mb | 1000 Mb | |
| Option 1 | 0% | 0% | 100% | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes |
| Option 2 | 0% | 5% | 95% | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes |
| Option 3 | 0% | 10% | 90% | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes |
| Option 4 | 0% | 20% | 80% | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes |
| Option 5 | 0% | 30% | 70% | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes |
| Option 6 | 0% | 40% | 60% | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | |
| Option 7 | 0% | 50% | 50% | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | | |
| Option 8 | 0% | 60% | 40% | Yes | Yes | Yes | Yes | Yes | Yes | | | | |
| Option 9 | 0% | 70% | 30% | Yes | Yes | Yes | Yes | | | | | | |
| Option 10 | 0% | 75% | 25% | Yes | Yes | Yes | Yes | | | | | | |
| Option 11 | 0% | 80% | 20% | Yes | Yes | Yes | Yes | | | | | | |
| Option 12 | 0% | 90% | 10% | Yes | Yes | Yes | Yes | | | | | | |
| Option 13 | 1% | 0% | 99% | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes |
| Option 14 | 2% | 0% | 98% | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes |
| Option 15 | 3% | 0% | 97% | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes |
| Option 16 | 4% | 0% | 96% | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes |
| Option 17 | 5% | 0% | 95% | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes |
| Option 18 | 5% | 5% | 90% | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes |
| Option 19 | 5% | 10% | 85% | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes |
| Option 20 | 5% | 20% | 75% | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes |
| Option 21 | 5% | 30% | 65% | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | |
| Option 22 | 5% | 40% | 55% | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | | |
| Option 23 | 5% | 50% | 45% | Yes | Yes | Yes | Yes | Yes | Yes | | | | |
| Option 24 | 5% | 60% | 35% | Yes | Yes | Yes | Yes | Yes | | | | | |
| Option 25 | 5% | 70% | 25% | Yes | Yes | Yes | Yes | | | | | | |
| Option 26 | 5% | 80% | 15% | Yes | Yes | Yes | Yes | | | | | | |
| Option 27 | 5% | 90% | 5% | Yes | Yes | Yes | Yes | | | | | | |
| Option 28 | 10% | 0% | 90% | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes |
| Option 29 | 10% | 5% | 85% | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes |
| Option 30 | 10% | 10% | 80% | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes |

| | EF | AF | Std | Available for Bandwidth: | | | | | | | | |
|-----------|-----|-----|-----|--------------------------|--------|--------|--------|--------|--------|--------|--------|---------|
| | | | | 10 Mb to 150 Mb | 200 Mb | 250 Mb | 300 Mb | 450 Mb | 500 Mb | 600 Mb | 750 Mb | 1000 Mb |
| Option 31 | 10% | 20% | 70% | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes |
| Option 32 | 10% | 30% | 60% | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes |
| Option 33 | 10% | 40% | 50% | Yes | Yes | Yes | Yes | Yes | Yes | Yes | | |
| Option 34 | 10% | 50% | 40% | Yes | Yes | Yes | Yes | Yes | Yes | | | |
| Option 35 | 10% | 60% | 30% | Yes | Yes | Yes | Yes | | | | | |
| Option 36 | 10% | 70% | 20% | Yes | Yes | Yes | Yes | | | | | |
| Option 37 | 10% | 80% | 10% | Yes | Yes | Yes | Yes | | | | | |
| Option 38 | 20% | 0% | 80% | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | |
| Option 39 | 20% | 5% | 75% | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | |
| Option 40 | 20% | 10% | 70% | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | |
| Option 41 | 20% | 20% | 60% | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | |
| Option 42 | 20% | 30% | 50% | Yes | Yes | Yes | Yes | Yes | Yes | Yes | | |
| Option 43 | 20% | 40% | 40% | Yes | Yes | Yes | Yes | Yes | Yes | | | |
| Option 44 | 20% | 50% | 30% | Yes | Yes | Yes | Yes | | | | | |
| Option 45 | 20% | 55% | 25% | Yes | Yes | Yes | Yes | | | | | |
| Option 46 | 20% | 60% | 20% | Yes | Yes | Yes | Yes | | | | | |
| Option 47 | 20% | 70% | 10% | Yes | Yes | Yes | Yes | | | | | |
| Option 48 | 30% | 0% | 70% | Yes | Yes | Yes | Yes | Yes | Yes | | | |
| Option 49 | 30% | 5% | 65% | Yes | Yes | Yes | Yes | Yes | Yes | | | |
| Option 50 | 30% | 10% | 60% | Yes | Yes | Yes | Yes | Yes | Yes | | | |
| Option 51 | 30% | 20% | 50% | Yes | Yes | Yes | Yes | Yes | Yes | | | |
| Option 52 | 30% | 30% | 40% | Yes | Yes | Yes | Yes | Yes | Yes | | | |
| Option 53 | 30% | 40% | 30% | Yes | Yes | Yes | Yes | | | | | |
| Option 54 | 30% | 50% | 20% | Yes | Yes | Yes | Yes | | | | | |
| Option 55 | 30% | 60% | 10% | Yes | Yes | Yes | Yes | | | | | |
| Option 56 | 40% | 0% | 60% | Yes | Yes | Yes | Yes | | | | | |
| Option 57 | 40% | 5% | 55% | Yes | Yes | Yes | Yes | | | | | |
| Option 58 | 40% | 10% | 50% | Yes | Yes | Yes | Yes | | | | | |
| Option 59 | 40% | 20% | 40% | Yes | Yes | Yes | Yes | | | | | |
| Option 60 | 40% | 30% | 30% | Yes | Yes | Yes | Yes | | | | | |

| | EF | AF | Std | Available for Bandwidth: | | | | | | | | |
|-----------|-----|-----|-----|--------------------------|--------|--------|--------|--------|--------|--------|--------|---------|
| | | | | 10 Mb to 150 Mb | 200 Mb | 250 Mb | 300 Mb | 450 Mb | 500 Mb | 600 Mb | 750 Mb | 1000 Mb |
| Option 61 | 40% | 40% | 20% | Yes | Yes | Yes | Yes | | | | | |
| Option 62 | 40% | 50% | 10% | Yes | Yes | Yes | Yes | | | | | |
| Option 63 | 50% | 0% | 50% | Yes | Yes | Yes | Yes | | | | | |
| Option 64 | 50% | 5% | 45% | Yes | Yes | Yes | Yes | | | | | |
| Option 65 | 50% | 10% | 40% | Yes | Yes | Yes | Yes | | | | | |
| Option 66 | 50% | 20% | 30% | Yes | Yes | Yes | Yes | | | | | |
| Option 67 | 50% | 25% | 25% | Yes | Yes | Yes | Yes | | | | | |
| Option 68 | 50% | 30% | 20% | Yes | Yes | Yes | Yes | | | | | |
| Option 69 | 50% | 40% | 10% | Yes | Yes | Yes | Yes | | | | | |
| Option 70 | 55% | 0% | 45% | Yes | Yes | Yes | | | | | | |
| Option 71 | 60% | 0% | 40% | Yes | Yes | Yes | | | | | | |
| Option 72 | 60% | 5% | 35% | Yes | Yes | Yes | | | | | | |
| Option 73 | 60% | 10% | 30% | Yes | Yes | Yes | | | | | | |
| Option 74 | 60% | 20% | 20% | Yes | Yes | Yes | | | | | | |
| Option 75 | 60% | 30% | 10% | Yes | Yes | Yes | | | | | | |
| Option 76 | 70% | 0% | 30% | Yes | Yes | | | | | | | |
| Option 77 | 70% | 5% | 25% | Yes | Yes | | | | | | | |
| Option 78 | 70% | 10% | 20% | Yes | Yes | | | | | | | |
| Option 79 | 70% | 20% | 10% | Yes | Yes | | | | | | | |
| Option 80 | 80% | 0% | 20% | Yes | | | | | | | | |
| Option 81 | 80% | 5% | 15% | Yes | | | | | | | | |
| Option 82 | 80% | 10% | 10% | Yes | | | | | | | | |
| Option 83 | 90% | 0% | 10% | Yes | | | | | | | | |
| Option 84 | 90% | 5% | 5% | Yes | | | | | | | | |
| Option 85 | 95% | 0% | 5% | Yes | | | | | | | | |

Table 10 - Wholesale Symmetrical Ethernet Access (Logical) Traffic Based CoS Options by Bandwidth – Effective from 01/10/11

| | EF | AF | Std | Available for Bandwidth: | | | | | | | | | |
|-----------|-----|-----|------|--------------------------|--------|--------|--------|--------|--------|--------|--------|---------|-----|
| | | | | 10 Mb to 150 Mb | 200 Mb | 250 Mb | 300 Mb | 450 Mb | 500 Mb | 600 Mb | 750 Mb | 1000 Mb | |
| Option 1 | 0% | 0% | 100% | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes |
| Option 2 | 0% | 5% | 95% | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes |
| Option 3 | 0% | 10% | 90% | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes |
| Option 4 | 0% | 20% | 80% | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes |
| Option 5 | 0% | 30% | 70% | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes |
| Option 6 | 0% | 40% | 60% | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes |
| Option 7 | 0% | 50% | 50% | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes |
| Option 8 | 0% | 60% | 40% | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes |
| Option 9 | 0% | 70% | 30% | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | | |
| Option 10 | 0% | 75% | 25% | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | | |
| Option 11 | 0% | 80% | 20% | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | | |
| Option 12 | 0% | 90% | 10% | Yes | Yes | Yes | Yes | Yes | Yes | Yes | | | |
| Option 13 | 1% | 0% | 99% | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes |
| Option 14 | 2% | 0% | 98% | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes |
| Option 15 | 3% | 0% | 97% | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes |
| Option 16 | 4% | 0% | 96% | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes |
| Option 17 | 5% | 0% | 95% | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes |
| Option 18 | 5% | 5% | 90% | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes |
| Option 19 | 5% | 10% | 85% | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes |
| Option 20 | 5% | 20% | 75% | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes |
| Option 21 | 5% | 30% | 65% | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes |
| Option 22 | 5% | 40% | 55% | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes |
| Option 23 | 5% | 50% | 45% | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes |
| Option 24 | 5% | 60% | 35% | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | | |
| Option 25 | 5% | 70% | 25% | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | | |
| Option 26 | 5% | 80% | 15% | Yes | Yes | Yes | Yes | Yes | Yes | Yes | | | |
| Option 27 | 5% | 90% | 5% | Yes | Yes | Yes | Yes | Yes | Yes | Yes | | | |
| Option 28 | 10% | 0% | 90% | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes |
| Option 29 | 10% | 5% | 85% | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes |
| Option 30 | 10% | 10% | 80% | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes |

| | EF | AF | Std | Available for Bandwidth: | | | | | | | | |
|-----------|-----|-----|-----|--------------------------|--------|--------|--------|--------|--------|--------|--------|---------|
| | | | | 10 Mb to 150 Mb | 200 Mb | 250 Mb | 300 Mb | 450 Mb | 500 Mb | 600 Mb | 750 Mb | 1000 Mb |
| Option 31 | 10% | 20% | 70% | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes |
| Option 32 | 10% | 30% | 60% | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes |
| Option 33 | 10% | 40% | 50% | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes |
| Option 34 | 10% | 50% | 40% | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes |
| Option 35 | 10% | 60% | 30% | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | |
| Option 36 | 10% | 70% | 20% | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | |
| Option 37 | 10% | 80% | 10% | Yes | Yes | Yes | Yes | Yes | Yes | Yes | | |
| Option 38 | 20% | 0% | 80% | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes |
| Option 39 | 20% | 5% | 75% | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes |
| Option 40 | 20% | 10% | 70% | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes |
| Option 41 | 20% | 20% | 60% | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes |
| Option 42 | 20% | 30% | 50% | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes |
| Option 43 | 20% | 40% | 40% | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes |
| Option 44 | 20% | 50% | 30% | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | |
| Option 45 | 20% | 55% | 25% | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | |
| Option 46 | 20% | 60% | 20% | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | |
| Option 47 | 20% | 70% | 10% | Yes | Yes | Yes | Yes | Yes | Yes | Yes | | |
| Option 48 | 30% | 0% | 70% | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes |
| Option 49 | 30% | 5% | 65% | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes |
| Option 50 | 30% | 10% | 60% | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes |
| Option 51 | 30% | 20% | 50% | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes |
| Option 52 | 30% | 30% | 40% | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes |
| Option 53 | 30% | 40% | 30% | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | |
| Option 54 | 30% | 50% | 20% | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | |
| Option 55 | 30% | 60% | 10% | Yes | Yes | Yes | Yes | Yes | Yes | Yes | | |
| Option 56 | 40% | 0% | 60% | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | |
| Option 57 | 40% | 5% | 55% | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | |
| Option 58 | 40% | 10% | 50% | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | |
| Option 59 | 40% | 20% | 40% | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | |
| Option 60 | 40% | 30% | 30% | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | |

| | EF | AF | Std | Available for Bandwidth: | | | | | | | | |
|-----------|-----|-----|-----|--------------------------|--------|--------|--------|--------|--------|--------|--------|---------|
| | | | | 10 Mb to 150 Mb | 200 Mb | 250 Mb | 300 Mb | 450 Mb | 500 Mb | 600 Mb | 750 Mb | 1000 Mb |
| Option 61 | 40% | 40% | 20% | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | |
| Option 62 | 40% | 50% | 10% | Yes | Yes | Yes | Yes | Yes | Yes | Yes | | |
| Option 63 | 50% | 0% | 50% | Yes | Yes | Yes | Yes | Yes | Yes | Yes | | |
| Option 64 | 50% | 5% | 45% | Yes | Yes | Yes | Yes | Yes | Yes | Yes | | |
| Option 65 | 50% | 10% | 40% | Yes | Yes | Yes | Yes | Yes | Yes | Yes | | |
| Option 66 | 50% | 20% | 30% | Yes | Yes | Yes | Yes | Yes | Yes | Yes | | |
| Option 67 | 50% | 25% | 25% | Yes | Yes | Yes | Yes | Yes | Yes | Yes | | |
| Option 68 | 50% | 30% | 20% | Yes | Yes | Yes | Yes | Yes | Yes | Yes | | |
| Option 69 | 50% | 40% | 10% | Yes | Yes | Yes | Yes | Yes | Yes | Yes | | |
| Option 70 | 55% | 0% | 45% | Yes | Yes | Yes | Yes | Yes | Yes | | | |
| Option 71 | 60% | 0% | 40% | Yes | Yes | Yes | Yes | Yes | Yes | | | |
| Option 72 | 60% | 5% | 35% | Yes | Yes | Yes | Yes | Yes | Yes | | | |
| Option 73 | 60% | 10% | 30% | Yes | Yes | Yes | Yes | Yes | Yes | | | |
| Option 74 | 60% | 20% | 20% | Yes | Yes | Yes | Yes | Yes | Yes | | | |
| Option 75 | 60% | 30% | 10% | Yes | Yes | Yes | Yes | Yes | Yes | | | |
| Option 76 | 70% | 0% | 30% | Yes | Yes | Yes | Yes | | | | | |
| Option 77 | 70% | 5% | 25% | Yes | Yes | Yes | Yes | | | | | |
| Option 78 | 70% | 10% | 20% | Yes | Yes | Yes | Yes | | | | | |
| Option 79 | 70% | 20% | 10% | Yes | Yes | Yes | Yes | | | | | |
| Option 80 | 80% | 0% | 20% | Yes | Yes | Yes | Yes | | | | | |
| Option 81 | 80% | 5% | 15% | Yes | Yes | Yes | Yes | | | | | |
| Option 82 | 80% | 10% | 10% | Yes | Yes | Yes | Yes | | | | | |
| Option 83 | 90% | 0% | 10% | Yes | Yes | Yes | Yes | | | | | |
| Option 84 | 90% | 5% | 5% | Yes | Yes | Yes | Yes | | | | | |
| Option 85 | 95% | 0% | 5% | Yes | Yes | Yes | Yes | | | | | |

Table 11 – Price for Traffic Based CoS Wholesale Symmetrical Ethernet Access (Logical) - Same NGN Node – Effective from 14/09/2010

| | Same NGN Node High Density | Same NGN Node Medium Density |
|---------|-------------------------------|---------------------------------|
| B/W | | |
| 10 Mb | €1,138 | €1,161 |
| 20 Mb | €1,169 | €1,212 |
| 30Mb | €1,209 | €1,278 |
| 40 Mb | €1,293 | €1,417 |
| 50 Mb | €1,359 | €1,527 |
| 75 Mb | €1,431 | €1,646 |
| 100 Mb | €1,514 | €1,783 |
| 150 Mb | €1,673 | €2,046 |
| 200 Mb | €1,768 | €2,203 |
| 250 Mb | €1,873 | €2,377 |
| 300 Mb | €1,978 | €2,551 |
| 450 Mb | €2,294 | €3,072 |
| 500 Mb | €2,399 | €3,246 |
| 600 Mb | €2,716 | €3,770 |
| 750 Mb | €2,992 | €4,226 |
| 1000 Mb | €3,569 | €5,181 |

Table 12 - Calculation Inputs for Traffic Based CoS Wholesale Symmetrical Ethernet Access (Logical) - Same Region Handover (High Density) Conveyance – Effective from 14/09/2010

| | A | B |
|---------|------|---------|
| B/W | | |
| 10 Mb | €850 | €2,689 |
| 20 Mb | €850 | €2,979 |
| 30Mb | €850 | €3,351 |
| 40 Mb | €850 | €4,138 |
| 50 Mb | €850 | €4,758 |
| 75 Mb | €850 | €5,431 |
| 100 Mb | €850 | €6,206 |
| 150 Mb | €850 | €7,696 |
| 200 Mb | €850 | €8,581 |
| 250 Mb | €850 | €9,564 |
| 300 Mb | €850 | €10,548 |
| 450 Mb | €850 | €13,498 |
| 500 Mb | €850 | €14,482 |
| 600 Mb | €850 | €17,444 |
| 750 Mb | €850 | €20,022 |
| 1000 Mb | €850 | €25,421 |

Table 13 - Calculation Inputs for Traffic Based CoS Wholesale Symmetrical Ethernet Access (Logical) - Same Region Handover (Medium Density) Conveyance – Effective from 14/09/2010

| | A | B |
|---------|------|---------|
| B/W | | |
| 10 Mb | €685 | €7,001 |
| 20 Mb | €685 | €7,755 |
| 30Mb | €685 | €8,724 |
| 40 Mb | €685 | €10,770 |
| 50 Mb | €685 | €12,386 |
| 75 Mb | €685 | €14,136 |
| 100 Mb | €685 | €16,155 |
| 150 Mb | €685 | €20,033 |
| 200 Mb | €685 | €22,337 |
| 250 Mb | €685 | €24,897 |
| 300 Mb | €685 | €27,456 |
| 450 Mb | €685 | €35,136 |
| 500 Mb | €685 | €37,696 |
| 600 Mb | €685 | €45,408 |
| 750 Mb | €685 | €52,119 |
| 1000 Mb | €685 | €66,173 |

Table 14 - Calculation Inputs for Traffic Based CoS Wholesale Symmetrical Ethernet Access (Logical) - Different Regions High Density to High Density Conveyance – Effective from 14/09/2010

| | A | B |
|---------|------|---------|
| B/W | | |
| 10 Mb | €850 | €6,474 |
| 20 Mb | €850 | €7,171 |
| 30Mb | €850 | €8,068 |
| 40 Mb | €850 | €9,960 |
| 50 Mb | €850 | €11,454 |
| 75 Mb | €850 | €13,073 |
| 100 Mb | €850 | €14,940 |
| 150 Mb | €850 | €18,526 |
| 200 Mb | €850 | €20,657 |
| 250 Mb | €850 | €23,024 |
| 300 Mb | €850 | €25,391 |
| 450 Mb | €850 | €32,493 |
| 500 Mb | €850 | €34,861 |
| 600 Mb | €850 | €41,992 |
| 750 Mb | €850 | €48,199 |
| 1000 Mb | €850 | €61,196 |

Table 15 - Calculation Inputs for Traffic Based CoS Wholesale Symmetrical Ethernet Access (Logical) - Different Regions Medium Density to High Density Conveyance – Effective from 14/09/2010

| | A | B |
|---------|------|---------|
| B/W | | |
| 10 Mb | €685 | €8,552 |
| 20 Mb | €685 | €9,472 |
| 30Mb | €685 | €10,657 |
| 40 Mb | €685 | €13,156 |
| 50 Mb | €685 | €15,130 |
| 75 Mb | €685 | €17,268 |
| 100 Mb | €685 | €19,734 |
| 150 Mb | €685 | €24,471 |
| 200 Mb | €685 | €27,285 |
| 250 Mb | €685 | €30,412 |
| 300 Mb | €685 | €33,539 |
| 450 Mb | €685 | €42,920 |
| 500 Mb | €685 | €46,047 |
| 600 Mb | €685 | €55,467 |
| 750 Mb | €685 | €63,665 |
| 1000 Mb | €685 | €80,832 |

Table 16 - Calculation Inputs for Traffic Based CoS Wholesale Symmetrical Ethernet Access (Logical) - Different Regions Medium Density to Medium Density Conveyance – Effective from 14/09/2010

| | A | B |
|---------|------|----------|
| B/W | | |
| 10 Mb | €685 | €10,629 |
| 20 Mb | €685 | €11,774 |
| 30Mb | €685 | €13,245 |
| 40 Mb | €685 | €16,352 |
| 50 Mb | €685 | €18,805 |
| 75 Mb | €685 | €21,462 |
| 100 Mb | €685 | €24,528 |
| 150 Mb | €685 | €30,415 |
| 200 Mb | €685 | €33,913 |
| 250 Mb | €685 | €37,800 |
| 300 Mb | €685 | €41,686 |
| 450 Mb | €685 | €53,346 |
| 500 Mb | €685 | €57,233 |
| 600 Mb | €685 | €68,941 |
| 750 Mb | €685 | €79,131 |
| 1000 Mb | €685 | €100,468 |

The charges associated with WSEA delivered across the WEIL – ENH are set out in tables 17 – 24 below.

Wholesale Symmetrical Ethernet Access (Logical) Circuit based Class of Service tables associated with WEIL ENH:

Table 17 - Annual Rental - Wholesale Symmetrical Ethernet Access (Logical) to Edge Node Handover – Same Region High Density Conveyance– Effective from 01/06/11 to 30/09/11

| Circuit Speed | Circuit Based Class of Service | | | | |
|---------------|--------------------------------|----------|----------|----------|----------|
| | Option 5 | Option 4 | Option 3 | Option 2 | Option 1 |
| 10 Mb/s | €1,171 | €1,569 | €1,701 | €2,125 | €2,613 |
| 20 Mb/s | €1,205 | €1,646 | €1,793 | €2,262 | €2,803 |
| 30 Mb/s | €1,249 | €1,746 | €1,911 | €2,439 | €3,047 |
| 40 Mb/s | €1,343 | €1,956 | €2,160 | €2,811 | €3,562 |
| 50 Mb/s | €1,417 | €2,122 | €2,356 | €3,106 | €3,969 |
| 75 Mb/s | €1,497 | €2,301 | €2,569 | €3,424 | €4,410 |
| 100 Mb/s | €1,590 | €2,509 | €2,815 | €3,792 | €4,918 |
| 150 Mb/s | €1,767 | €2,907 | €3,287 | €4,498 | €5,895 |
| 200 Mb/s | €1,873 | €3,143 | €3,567 | €4,918 | |
| 250 Mb/s | €1,990 | €3,406 | €3,878 | €5,384 | |
| 300 Mb/s | €2,107 | €3,669 | €4,189 | €5,850 | |
| 450 Mb/s | €2,459 | | | | |
| 500 Mb/s | €2,576 | | | | |
| 600 Mb/s | €2,929 | | | | |
| 750 Mb/s | €3,236 | | | | |
| 1000 Mb/s | €3,880 | | | | |

The breakdown of the WSEA "High Density" and "Medium Density" categories and Regions are detailed in the WSEA NGN node categorisation document (available via your account manager).

Table 17 - Annual Rental - Wholesale Symmetrical Ethernet Access (Logical) to Edge Node Handover – Same Region High Density Conveyance– Effective from 01/10/11 to 05/01/12

| Circuit Speed | Circuit Based Class of Service | | | | |
|---------------|--------------------------------|----------|----------|----------|----------|
| | Option 5 | Option 4 | Option 3 | Option 2 | Option 1 |
| 10 Mb/s | €1,171 | €1,569 | €1,701 | €2,125 | €2,613 |
| 20 Mb/s | €1,205 | €1,646 | €1,793 | €2,262 | €2,803 |
| 30 Mb/s | €1,249 | €1,746 | €1,911 | €2,439 | €3,047 |
| 40 Mb/s | €1,343 | €1,956 | €2,160 | €2,811 | €3,562 |
| 50 Mb/s | €1,417 | €2,122 | €2,356 | €3,106 | €3,969 |
| 75 Mb/s | €1,497 | €2,301 | €2,569 | €3,424 | €4,410 |
| 100 Mb/s | €1,590 | €2,509 | €2,815 | €3,792 | €4,918 |
| 150 Mb/s | €1,767 | €2,907 | €3,287 | €4,498 | €5,895 |
| 200 Mb/s | €1,873 | €3,143 | €3,567 | €4,918 | €6,475 |
| 250 Mb/s | €1,990 | €3,406 | €3,878 | €5,384 | €7,120 |
| 300 Mb/s | €2,107 | €3,669 | €4,189 | €5,850 | €7,764 |
| 450 Mb/s | €2,459 | €4,457 | €5,123 | €7,248 | |
| 500 Mb/s | €2,576 | €4,720 | €5,435 | €7,715 | |
| 600 Mb/s | €2,929 | €5,512 | €6,373 | €9,119 | |
| 750 Mb/s | €3,236 | | | | |
| 1000 Mb/s | €3,880 | | | | |

The breakdown of the WSEA "High Density" and "Medium Density" categories and Regions are detailed in the WSEA NGN node categorisation document (available via your account manager).

Table 17 - Annual Rental - Wholesale Symmetrical Ethernet Access (Logical) to Edge Node Handover - Same Region High Density Conveyance - Effective from 06/01/12

| Circuit Speed | Circuit Based Class of Service | | | | | |
|---------------|--------------------------------|----------|----------|----------|----------|----------|
| | Option 5 | Option 4 | Option 3 | Option 2 | Option 1 | Option 6 |
| 10 Mb/s | €1,171 | €1,569 | €1,701 | €2,125 | €2,613 | €2,292 |
| 20 Mb/s | €1,205 | €1,646 | €1,793 | €2,262 | €2,803 | €2,448 |
| 30 Mb/s | €1,249 | €1,746 | €1,911 | €2,439 | €3,047 | €2,648 |
| 40 Mb/s | €1,343 | €1,956 | €2,160 | €2,811 | €3,562 | €3,069 |
| 50 Mb/s | €1,417 | €2,122 | €2,356 | €3,106 | €3,969 | €3,402 |
| 75 Mb/s | €1,497 | €2,301 | €2,569 | €3,424 | €4,410 | €3,763 |
| 100 Mb/s | €1,590 | €2,509 | €2,815 | €3,792 | €4,918 | €4,179 |
| 150 Mb/s | €1,767 | €2,907 | €3,287 | €4,498 | €5,895 | €4,978 |
| 200 Mb/s | €1,873 | €3,143 | €3,567 | €4,918 | €6,475 | €5,452 |
| 250 Mb/s | €1,990 | €3,406 | €3,878 | €5,384 | €7,120 | €5,980 |
| 300 Mb/s | €2,107 | €3,669 | €4,189 | €5,850 | €7,764 | €6,507 |
| 450 Mb/s | €2,459 | €4,457 | €5,123 | €7,248 | | €8,090 |
| 500 Mb/s | €2,576 | €4,720 | €5,435 | €7,715 | | €8,617 |
| 600 Mb/s | €2,929 | €5,512 | €6,373 | €9,119 | | €10,206 |
| 750 Mb/s | €3,236 | | | | | |
| 1000 Mb/s | €3,880 | | | | | |

The breakdown of the WSEA "High Density" and "Medium Density" categories and Regions are detailed in the WSEA NGN node categorisation document (available via your account manager).

Table 18 - Annual Rental - Wholesale Symmetrical Ethernet Access (Logical) to Edge Node Handover – Same Region Medium Density Conveyance– Effective from 01/06/11 to 30/09/11

| Circuit Speed | Circuit Based Class of Service | | | | |
|---------------|--------------------------------|----------|----------|----------|----------|
| | Option 5 | Option 4 | Option 3 | Option 2 | Option 1 |
| 10 Mb/s | €1,543 | €2,610 | €2,965 | €4,099 | €5,406 |
| 20 Mb/s | €1,636 | €2,817 | €3,211 | €4,467 | €5,915 |
| 30 Mb/s | €1,755 | €3,083 | €3,526 | €4,939 | €6,568 |
| 40 Mb/s | €2,006 | €3,646 | €4,193 | €5,937 | €7,948 |
| 50 Mb/s | €2,204 | €4,090 | €4,719 | €6,725 | €9,038 |
| 75 Mb/s | €2,418 | €4,571 | €5,289 | €7,578 | €10,218 |
| 100 Mb/s | €2,666 | €5,126 | €5,947 | €8,563 | €11,580 |
| 150 Mb/s | €3,141 | €6,192 | €7,210 | €10,454 | €14,194 |
| 200 Mb/s | €3,424 | €6,826 | €7,960 | €11,577 | |
| 250 Mb/s | €3,738 | €7,529 | €8,794 | €12,826 | |
| 300 Mb/s | €4,051 | €8,233 | €9,627 | €14,074 | |
| 450 Mb/s | €4,993 | | | | |
| 500 Mb/s | €5,307 | | | | |
| 600 Mb/s | €6,252 | | | | |
| 750 Mb/s | €7,075 | | | | |
| 1000 Mb/s | €8,798 | | | | |

The breakdown of the WSEA "High Density" and "Medium Density" categories and Regions are detailed in the WSEA NGN node categorisation document (available via your account manager).

Table 18 - Annual Rental - Wholesale Symmetrical Ethernet Access (Logical) to Edge Node Handover – Same Region Medium Density Conveyance– Effective from 01/10/11 to 05/01/12

| Circuit Speed | Circuit Based Class of Service | | | | |
|---------------|--------------------------------|----------|----------|----------|----------|
| | Option 5 | Option 4 | Option 3 | Option 2 | Option 1 |
| 10 Mb/s | €1,543 | €2,610 | €2,965 | €4,099 | €5,406 |
| 20 Mb/s | €1,636 | €2,817 | €3,211 | €4,467 | €5,915 |
| 30 Mb/s | €1,755 | €3,083 | €3,526 | €4,939 | €6,568 |
| 40 Mb/s | €2,006 | €3,646 | €4,193 | €5,937 | €7,948 |
| 50 Mb/s | €2,204 | €4,090 | €4,719 | €6,725 | €9,038 |
| 75 Mb/s | €2,418 | €4,571 | €5,289 | €7,578 | €10,218 |
| 100 Mb/s | €2,666 | €5,126 | €5,947 | €8,563 | €11,580 |
| 150 Mb/s | €3,141 | €6,192 | €7,210 | €10,454 | €14,194 |
| 200 Mb/s | €3,424 | €6,826 | €7,960 | €11,577 | €15,748 |
| 250 Mb/s | €3,738 | €7,529 | €8,794 | €12,826 | €17,474 |
| 300 Mb/s | €4,051 | €8,233 | €9,627 | €14,074 | €19,200 |
| 450 Mb/s | €4,993 | €10,344 | €12,128 | €17,819 | |
| 500 Mb/s | €5,307 | €11,048 | €12,962 | €19,067 | |
| 600 Mb/s | €6,252 | €13,168 | €15,474 | €22,827 | |
| 750 Mb/s | €7,075 | | | | |
| 1000 Mb/s | €8,798 | | | | |

The breakdown of the WSEA "High Density" and "Medium Density" categories and Regions are detailed in the WSEA NGN node categorisation document (available via your account manager).

Table 18 - Annual Rental - Wholesale Symmetrical Ethernet Access (Logical) to Edge Node Handover - Same Region Medium Density Conveyance - Effective from 06/01/12

| Circuit Speed | Circuit Based Class of Service | | | | | |
|---------------|--------------------------------|----------|----------|----------|----------|----------|
| | Option 5 | Option 4 | Option 3 | Option 2 | Option 1 | Option 6 |
| 10 Mb/s | €1,543 | €2,610 | €2,965 | €4,099 | €5,406 | €4,548 |
| 20 Mb/s | €1,636 | €2,817 | €3,211 | €4,467 | €5,915 | €4,964 |
| 30 Mb/s | €1,755 | €3,083 | €3,526 | €4,939 | €6,568 | €5,499 |
| 40 Mb/s | €2,006 | €3,646 | €4,193 | €5,937 | €7,948 | €6,628 |
| 50 Mb/s | €2,204 | €4,090 | €4,719 | €6,725 | €9,038 | €7,519 |
| 75 Mb/s | €2,418 | €4,571 | €5,289 | €7,578 | €10,218 | €8,485 |
| 100 Mb/s | €2,666 | €5,126 | €5,947 | €8,563 | €11,580 | €9,599 |
| 150 Mb/s | €3,141 | €6,192 | €7,210 | €10,454 | €14,194 | €11,738 |
| 200 Mb/s | €3,424 | €6,826 | €7,960 | €11,577 | €15,748 | €13,009 |
| 250 Mb/s | €3,738 | €7,529 | €8,794 | €12,826 | €17,474 | €14,421 |
| 300 Mb/s | €4,051 | €8,233 | €9,627 | €14,074 | €19,200 | €15,834 |
| 450 Mb/s | €4,993 | €10,344 | €12,128 | €17,819 | | €20,071 |
| 500 Mb/s | €5,307 | €11,048 | €12,962 | €19,067 | | €21,483 |
| 600 Mb/s | €6,252 | €13,168 | €15,474 | €22,827 | | €25,738 |
| 750 Mb/s | €7,075 | | | | | |
| 1000 Mb/s | €8,798 | | | | | |

The breakdown of the WSEA "High Density" and "Medium Density" categories and Regions are detailed in the WSEA NGN node categorisation document (available via your account manager).

Table 19 - Annual Rental - Wholesale Symmetrical Ethernet Access (Logical) to Edge Node Handover – Different Regions High Density Conveyance– Effective from 01/06/11 to 30/09/11

| Circuit Speed | Circuit Based Class of Service | | | | |
|---------------|--------------------------------|----------|----------|----------|----------|
| | Option 5 | Option 4 | Option 3 | Option 2 | Option 1 |
| 10 Mb/s | €1,700 | €2,755 | €3,107 | €4,229 | €5,523 |
| 20 Mb/s | €1,791 | €2,960 | €3,350 | €4,593 | €6,026 |
| 30 Mb/s | €1,909 | €3,224 | €3,662 | €5,061 | €6,673 |
| 40 Mb/s | €2,157 | €3,781 | €4,322 | €6,049 | €8,039 |
| 50 Mb/s | €2,353 | €4,220 | €4,843 | €6,828 | €9,117 |
| 75 Mb/s | €2,566 | €4,697 | €5,407 | €7,673 | €10,286 |
| 100 Mb/s | €2,811 | €5,246 | €6,058 | €8,648 | €11,634 |
| 150 Mb/s | €3,281 | €6,301 | €7,308 | €10,519 | €14,222 |
| 200 Mb/s | €3,561 | €6,928 | €8,051 | €11,631 | |
| 250 Mb/s | €3,871 | €7,625 | €8,876 | €12,867 | |
| 300 Mb/s | €4,182 | €8,321 | €9,701 | €14,103 | |
| 450 Mb/s | €5,114 | | | | |
| 500 Mb/s | €5,425 | | | | |
| 600 Mb/s | €6,361 | | | | |
| 750 Mb/s | €7,175 | | | | |
| 1000 Mb/s | €8,881 | | | | |

The breakdown of the WSEA "High Density" and "Medium Density" categories and Regions are detailed in the WSEA NGN node categorisation document (available via your account manager).

Table 19 - Annual Rental - Wholesale Symmetrical Ethernet Access (Logical) to Edge Node Handover – Different Regions High Density Conveyance– Effective from 01/10/11 to 05/01/12

| Circuit Speed | Circuit Based Class of Service | | | | |
|---------------|--------------------------------|----------|----------|----------|----------|
| | Option 5 | Option 4 | Option 3 | Option 2 | Option 1 |
| 10 Mb/s | €1,700 | €2,755 | €3,107 | €4,229 | €5,523 |
| 20 Mb/s | €1,791 | €2,960 | €3,350 | €4,593 | €6,026 |
| 30 Mb/s | €1,909 | €3,224 | €3,662 | €5,061 | €6,673 |
| 40 Mb/s | €2,157 | €3,781 | €4,322 | €6,049 | €8,039 |
| 50 Mb/s | €2,353 | €4,220 | €4,843 | €6,828 | €9,117 |
| 75 Mb/s | €2,566 | €4,697 | €5,407 | €7,673 | €10,286 |
| 100 Mb/s | €2,811 | €5,246 | €6,058 | €8,648 | €11,634 |
| 150 Mb/s | €3,281 | €6,301 | €7,308 | €10,519 | €14,222 |
| 200 Mb/s | €3,561 | €6,928 | €8,051 | €11,631 | €15,759 |
| 250 Mb/s | €3,871 | €7,625 | €8,876 | €12,867 | €17,468 |
| 300 Mb/s | €4,182 | €8,321 | €9,701 | €14,103 | €19,177 |
| 450 Mb/s | €5,114 | €10,411 | €12,177 | €17,809 | |
| 500 Mb/s | €5,425 | €11,108 | €13,002 | €19,045 | |
| 600 Mb/s | €6,361 | €13,206 | €15,488 | €22,767 | |
| 750 Mb/s | €7,175 | | | | |
| 1000 Mb/s | €8,881 | | | | |

The breakdown of the WSEA "High Density" and "Medium Density" categories and Regions are detailed in the WSEA NGN node categorisation document (available via your account manager).

Table 19 - Annual Rental - Wholesale Symmetrical Ethernet Access (Logical) to Edge Node Handover - Different Regions High Density Conveyance - Effective from 06/01/12

| Circuit Speed | Circuit Based Class of Service | | | | | |
|---------------|--------------------------------|----------|----------|----------|----------|----------|
| | Option 5 | Option 4 | Option 3 | Option 2 | Option 1 | Option 6 |
| 10 Mb/s | €1,700 | €2,755 | €3,107 | €4,229 | €5,523 | €4,673 |
| 20 Mb/s | €1,791 | €2,960 | €3,350 | €4,593 | €6,026 | €5,085 |
| 30 Mb/s | €1,909 | €3,224 | €3,662 | €5,061 | €6,673 | €5,614 |
| 40 Mb/s | €2,157 | €3,781 | €4,322 | €6,049 | €8,039 | €6,732 |
| 50 Mb/s | €2,353 | €4,220 | €4,843 | €6,828 | €9,117 | €7,614 |
| 75 Mb/s | €2,566 | €4,697 | €5,407 | €7,673 | €10,286 | €8,570 |
| 100 Mb/s | €2,811 | €5,246 | €6,058 | €8,648 | €11,634 | €9,673 |
| 150 Mb/s | €3,281 | €6,301 | €7,308 | €10,519 | €14,222 | €11,790 |
| 200 Mb/s | €3,561 | €6,928 | €8,051 | €11,631 | €15,759 | €13,049 |
| 250 Mb/s | €3,871 | €7,625 | €8,876 | €12,867 | €17,468 | €14,447 |
| 300 Mb/s | €4,182 | €8,321 | €9,701 | €14,103 | €19,177 | €15,845 |
| 450 Mb/s | €5,114 | €10,411 | €12,177 | €17,809 | | €20,039 |
| 500 Mb/s | €5,425 | €11,108 | €13,002 | €19,045 | | €21,437 |
| 600 Mb/s | €6,361 | €13,206 | €15,488 | €22,767 | | €25,648 |
| 750 Mb/s | €7,175 | | | | | |
| 1000 Mb/s | €8,881 | | | | | |

The breakdown of the WSEA "High Density" and "Medium Density" categories and Regions are detailed in the WSEA NGN node categorisation document (available via your account manager).

Table 20 - Annual Rental - Wholesale Symmetrical Ethernet Access (Logical) to Edge Node Handover – Different Regions Medium Density Conveyance– Effective from 01/06/11 to 30/09/11

| Circuit Speed | Circuit Based Class of Service | | | | |
|---------------|--------------------------------|----------|----------|----------|----------|
| | Option 5 | Option 4 | Option 3 | Option 2 | Option 1 |
| 10 Mb/s | €1,950 | €3,522 | €4,046 | €5,717 | €7,643 |
| 20 Mb/s | €2,086 | €3,827 | €4,408 | €6,259 | €8,393 |
| 30 Mb/s | €2,262 | €4,220 | €4,873 | €6,955 | €9,356 |
| 40 Mb/s | €2,631 | €5,049 | €5,855 | €8,426 | €11,390 |
| 50 Mb/s | €2,923 | €5,704 | €6,631 | €9,587 | €12,996 |
| 75 Mb/s | €3,240 | €6,413 | €7,471 | €10,845 | €14,735 |
| 100 Mb/s | €3,605 | €7,231 | €8,440 | €12,297 | €16,742 |
| 150 Mb/s | €4,305 | €8,802 | €10,301 | €15,083 | €20,596 |
| 200 Mb/s | €4,722 | €9,736 | €11,407 | €16,739 | |
| 250 Mb/s | €5,184 | €10,773 | €12,636 | €18,579 | |
| 300 Mb/s | €5,647 | €11,810 | €13,865 | €20,419 | |
| 450 Mb/s | €7,035 | | | | |
| 500 Mb/s | €7,497 | | | | |
| 600 Mb/s | €8,891 | | | | |
| 750 Mb/s | €10,103 | | | | |
| 1000 Mb/s | €12,643 | | | | |

The breakdown of the WSEA "High Density" and "Medium Density" categories and Regions are detailed in the WSEA NGN node categorisation document (available via your account manager).

Table 20 - Annual Rental - Wholesale Symmetrical Ethernet Access (Logical) to Edge Node Handover – Different Regions Medium Density Conveyance– Effective from 01/10/11 to 05/01/12

| Circuit Speed | Circuit Based Class of Service | | | | |
|---------------|--------------------------------|----------|----------|----------|----------|
| | Option 5 | Option 4 | Option 3 | Option 2 | Option 1 |
| 10 Mb/s | €1,950 | €3,522 | €4,046 | €5,717 | €7,643 |
| 20 Mb/s | €2,086 | €3,827 | €4,408 | €6,259 | €8,393 |
| 30 Mb/s | €2,262 | €4,220 | €4,873 | €6,955 | €9,356 |
| 40 Mb/s | €2,631 | €5,049 | €5,855 | €8,426 | €11,390 |
| 50 Mb/s | €2,923 | €5,704 | €6,631 | €9,587 | €12,996 |
| 75 Mb/s | €3,240 | €6,413 | €7,471 | €10,845 | €14,735 |
| 100 Mb/s | €3,605 | €7,231 | €8,440 | €12,297 | €16,742 |
| 150 Mb/s | €4,305 | €8,802 | €10,301 | €15,083 | €20,596 |
| 200 Mb/s | €4,722 | €9,736 | €11,407 | €16,739 | €22,886 |
| 250 Mb/s | €5,184 | €10,773 | €12,636 | €18,579 | €25,430 |
| 300 Mb/s | €5,647 | €11,810 | €13,865 | €20,419 | €27,974 |
| 450 Mb/s | €7,035 | €14,922 | €17,551 | €25,938 | |
| 500 Mb/s | €7,497 | €15,959 | €18,780 | €27,778 | |
| 600 Mb/s | €8,891 | €19,084 | €22,482 | €33,321 | |
| 750 Mb/s | €10,103 | | | | |
| 1000 Mb/s | €12,643 | | | | |

The breakdown of the WSEA "High Density" and "Medium Density" categories and Regions are detailed in the WSEA NGN node categorisation document (available via your account manager).

Table 20 - Annual Rental - Wholesale Symmetrical Ethernet Access (Logical) to Edge Node Handover - Different Regions Medium Density Conveyance - Effective from 06/01/12

| Circuit Speed | Circuit Based Class of Service | | | | | |
|---------------|--------------------------------|----------|----------|----------|----------|----------|
| | Option 5 | Option 4 | Option 3 | Option 2 | Option 1 | Option 6 |
| 10 Mb/s | €1,950 | €3,522 | €4,046 | €5,717 | €7,643 | €6,378 |
| 20 Mb/s | €2,086 | €3,827 | €4,408 | €6,259 | €8,393 | €6,991 |
| 30 Mb/s | €2,262 | €4,220 | €4,873 | €6,955 | €9,356 | €7,780 |
| 40 Mb/s | €2,631 | €5,049 | €5,855 | €8,426 | €11,390 | €9,444 |
| 50 Mb/s | €2,923 | €5,704 | €6,631 | €9,587 | €12,996 | €10,757 |
| 75 Mb/s | €3,240 | €6,413 | €7,471 | €10,845 | €14,735 | €12,181 |
| 100 Mb/s | €3,605 | €7,231 | €8,440 | €12,297 | €16,742 | €13,823 |
| 150 Mb/s | €4,305 | €8,802 | €10,301 | €15,083 | €20,596 | €16,976 |
| 200 Mb/s | €4,722 | €9,736 | €11,407 | €16,739 | €22,886 | €18,849 |
| 250 Mb/s | €5,184 | €10,773 | €12,636 | €18,579 | €25,430 | €20,931 |
| 300 Mb/s | €5,647 | €11,810 | €13,865 | €20,419 | €27,974 | €23,013 |
| 450 Mb/s | €7,035 | €14,922 | €17,551 | €25,938 | | €29,258 |
| 500 Mb/s | €7,497 | €15,959 | €18,780 | €27,778 | | €31,339 |
| 600 Mb/s | €8,891 | €19,084 | €22,482 | €33,321 | | €37,610 |
| 750 Mb/s | €10,103 | | | | | |
| 1000 Mb/s | €12,643 | | | | | |

The breakdown of the WSEA "High Density" and "Medium Density" categories and Regions are detailed in the WSEA NGN node categorisation document (available via your account manager).

Wholesale Symmetrical Ethernet Access (Logical) Traffic based Class of Service tables associated with WEIL ENH:

Table 21 - Calculation Inputs for Traffic Based CoS Wholesale Symmetrical Ethernet Access (Logical) to Edge Node Handover- Same Region High Density Conveyance – Effective from 01/06/2011

| | A | B |
|---------|------|---------|
| B/W | | |
| 10 Mb | €850 | €1,603 |
| 20 Mb | €850 | €1,775 |
| 30Mb | €850 | €1,997 |
| 40 Mb | €850 | €2,466 |
| 50 Mb | €850 | €2,836 |
| 75 Mb | €850 | €3,236 |
| 100 Mb | €850 | €3,699 |
| 150 Mb | €850 | €4,586 |
| 200 Mb | €850 | €5,114 |
| 250 Mb | €850 | €5,700 |
| 300 Mb | €850 | €6,286 |
| 450 Mb | €850 | €8,044 |
| 500 Mb | €850 | €8,630 |
| 600 Mb | €850 | €10,395 |
| 750 Mb | €850 | €11,932 |
| 1000 Mb | €850 | €15,149 |

Table 22 - Calculation Inputs for Traffic Based CoS Wholesale Symmetrical Ethernet Access (Logical) to Edge Node Handover - Same Region Medium Density Conveyance – Effective from 01/06/2011

| | A | B |
|---------|------|---------|
| B/W | | |
| 10 Mb | €685 | €4,292 |
| 20 Mb | €685 | €4,754 |
| 30Mb | €685 | €5,348 |
| 40 Mb | €685 | €6,603 |
| 50 Mb | €685 | €7,593 |
| 75 Mb | €685 | €8,666 |
| 100 Mb | €685 | €9,904 |
| 150 Mb | €685 | €12,281 |
| 200 Mb | €685 | €13,693 |
| 250 Mb | €685 | €15,263 |
| 300 Mb | €685 | €16,832 |
| 450 Mb | €685 | €21,540 |
| 500 Mb | €685 | €23,109 |
| 600 Mb | €685 | €27,837 |
| 750 Mb | €685 | €31,951 |
| 1000 Mb | €685 | €40,566 |

Table 23 - Calculation Inputs for Traffic Based CoS Wholesale Symmetrical Ethernet Access (Logical) to Edge Node Handover - Different Regions High Density Conveyance – Effective from 01/06/2011

| | A | B |
|---------|------|---------|
| B/W | | |
| 10 Mb | €850 | €4,248 |
| 20 Mb | €850 | €4,706 |
| 30Mb | €850 | €5,294 |
| 40 Mb | €850 | €6,536 |
| 50 Mb | €850 | €7,516 |
| 75 Mb | €850 | €8,578 |
| 100 Mb | €850 | €9,803 |
| 150 Mb | €850 | €12,156 |
| 200 Mb | €850 | €13,554 |
| 250 Mb | €850 | €15,107 |
| 300 Mb | €850 | €16,661 |
| 450 Mb | €850 | €21,321 |
| 500 Mb | €850 | €22,874 |
| 600 Mb | €850 | €27,554 |
| 750 Mb | €850 | €31,626 |
| 1000 Mb | €850 | €40,154 |

Table 24 - Calculation Inputs for Traffic Based CoS Wholesale Symmetrical Ethernet Access (Logical) to Edge Node Handover - Different Regions Medium Density Conveyance – Effective from 01/06/2011

| | A | B |
|---------|------|---------|
| B/W | | |
| 10 Mb | €685 | €6,326 |
| 20 Mb | €685 | €7,007 |
| 30Mb | €685 | €7,883 |
| 40 Mb | €685 | €9,732 |
| 50 Mb | €685 | €11,192 |
| 75 Mb | €685 | €12,773 |
| 100 Mb | €685 | €14,598 |
| 150 Mb | €685 | €18,101 |
| 200 Mb | €685 | €20,183 |
| 250 Mb | €685 | €22,496 |
| 300 Mb | €685 | €24,809 |
| 450 Mb | €685 | €31,748 |
| 500 Mb | €685 | €34,061 |
| 600 Mb | €685 | €41,028 |
| 750 Mb | €685 | €47,092 |
| 1000 Mb | €685 | €59,790 |

Use of the eircom quotation tool

In order to meet industry concerns, eircom confirms that Operators can rely on WSEA Logical rental charges provided by the eircom quotation tool where all relevant information has been correctly entered. The only exceptions to this assurance are:

- Where eircom provides revised WSEA Logical rental charges during the Order Validation process. This will arise if the presence of existing access fibre from an adjacent eircom exchange requires that the service to the particular locations is delivered from that exchange rather than the normal serving eircom exchange.
- During periods where eircom has advised Operators that required changes to the quotation tool have not yet been implemented. During such periods, WSEA Logical rental charges can be confirmed with the relevant account manager.

Service Schedule 015

Wholesale LLU Backhaul

Table 1 - Connection Fee - Wholesale LLU Backhaul – Effective from 02/12/11

| | Circuit Speed | Connection Fee |
|-----|----------------------|-----------------------|
| CSH | 1000 Mb/s | €2,447 |
| IBH | 1000 Mb/s | €1,197 |
| CSH | 10 Gbps | €2,447 |
| IBH | 10 Gbps | €1,197 |

For LLU Backhaul circuits with Customer-Sited Handover the standard price applies where an Operator's end user premises is served by useable eircom owned duct (useable duct for fibre assumes that there is sufficient space in the duct to draw in a subduct) and is within 500 metres of an available eircom access fibre which can connect to an eircom node.

The standard price does not include the costs associated with (1) installing any new duct or (2) clearing existing duct (3) new duct/poling and/or fibre build work (4) any civil works which may be necessary to establish a connection between the nearest eircom fibre and an Operator premises.

An Operator is responsible for any costs associated with duct work within their end users own curtilage.

LLU Backhaul connectivity to an Operator's end users premises located beyond 4km (Note 1) of the eircom node will be assessed on a case by case basis. eircom reserves the right to recover any additional costs incurred.

LLU Backhaul connectivity from the Operator's local exchange and the nearest unbundled exchange site located beyond 25km will be priced on a bespoke basis.

Table 1 (a) - Wholesale LLU Backhaul - Quote Infrastructure Build (QIB) and Provide Infrastructure Build (PIB) - Effective from 02/12/11

| Service | Fee |
|------------------------------------|------------|
| QIB | €359 |
| PIB up to 50 metres | €1,858 |
| PIB per additional metre above 50m | €7.23 |

The table above outlines the QIB charge per site and the PIB charge that shall apply for this product. The PIB has a standard charge for a distance of up to 50M. Beyond this distance an additional charge per metre shall apply.

The above pricing applies for standard exchange configurations. Where exceptional circumstances arise, eircom reserve the right to raise additional fees to recover exceptional costs.

In the event that there is a combined survey completed for co-location and LLU backhaul the QIB charges listed above shall not apply.

Table 2 - Annual Rental - Wholesale LLU Backhaul - Effective from 02/12/11

| | Circuit Speed | Annual Rental | |
|-----|----------------------|----------------------|-------------------------------------|
| CSH | 1000 Mb/s | €22,361 | Up to 500m |
| CSH | 1000 Mb/s | €154 | Per additional 100m or part thereof |
| IBH | 1000 Mb/s | €17,594 | |
| CSH | 10 Gbps | €51,635 | Up to 500m |
| CSH | 10Gbps | €154 | Per additional 100m or part thereof |
| IBH | 10 Gbps | €47,347 | |