



COMMUNICATIONS AND MULTIMEDIA ACT 1998

**COMMISSION DETERMINATION ON THE MANDATORY STANDARD ON
ACCESS PRICING**

DETERMINATION NO. 1 OF 2006

Pursuant to the Ministerial Direction on Access Pricing, Direction No. 1 of 2005 and in exercise of the powers conferred by sections 55 and 104(2) of the Communications and Multimedia Act 1998 [Act 588], the Commission hereby determines as follows:

Citation and commencement

1. (1) This Determination may be cited as the **Commission Determination on the Mandatory Standard on Access Pricing, Determination No. 1 of 2006**.
- (2) This Determination shall come into force on 15 February 2006.

Interpretation

2. In this Determination, unless the context otherwise requires:

"Access Provider" means:

- (a) network facilities provider who owns or provides facilities listed in the Commission Determination on Access List, Determination No. 1 of 2005; or
- (b) network service provider who provides services listed in the Commission Determination on Access List, Determination No. 1 of 2005; and
- (c) who is a licensee as defined in the Act;

"Access Seeker" means a network facilities provider, a network service provider, an applications service provider or a content applications service provider who is a licensee as defined in the Act and who makes a written request for access to facilities or services listed in the Commission Determination on Access List, Determination No. 1 of 2005;

"PSTN" or "Public Switched Telephone Network" means a telephone network accessible by the public providing circuit switching and transmission facilities utilising analogue and/or digital technologies; and

"Through-Connection" means transmission services including the relevant equipments that are used for the purpose of connection through or between equipments at an exchange site.

3. Any term used in this Determination shall, unless expressly defined or if the context otherwise requires, have the same meaning as in the Act or the Regulations made under it.

4. Unless the context otherwise requires, words in the singular include the plural and vice versa.

Licensees subject to the Mandatory Standard on Access Pricing

5. Any person who is a licensee as defined in the Act and who acts in one or more of the following capacities is subject to the Mandatory Standard on Access Pricing:

- (a) network facilities providers, in their capacity as Access Providers or Access Seekers;
- (b) network service providers, in their capacity as Access Providers or Access Seekers;
- (c) applications service providers, in their capacity as Access Seekers; or
- (d) content applications service providers, in their capacity as Access Seekers.

Mandatory Standard on Access Pricing

6. The Mandatory Standard on Access Pricing for some of the facilities and services that are listed in the Commission Determination on Access List, Determination No. 1 of 2005 shall be fixed from 15 February 2006 to 31 December 2008.

7. The Mandatory Standard on Access Pricing shall cover the following facilities and services, which shall not exceed the maximum prices as prescribed below:

(a) Fixed Network Origination/Termination Services

The prices below for Fixed Network Origination/Termination Services which originates/terminates on PSTN network shall be applied for the carriage of voice communications only.

	sen per minute, 24 hour weighted average		
	2006	2007	2008
Local	2.95	2.63	2.52
Single Tandem	6.61	6.17	6.07
Double Tandem	10.41	9.85	9.77
Double Tandem with submarine cable	24.82	24.71	25.09

(b) Equal Access (PSTN) Service

The prices below for Equal Access (PSTN) Service shall be applied for the carriage of voice communications only.

	sen per minute, 24 hour weighted average		
	2006	2007	2008
Local	2.95	2.63	2.52
Single Tandem	6.61	6.17	6.07
Double Tandem	10.41	9.85	9.77
Double Tandem with submarine cable	24.82	24.71	25.09

(c) Mobile Network Origination Service

The prices below for Mobile Network Origination Service shall be applied for the carriage of voice communications only.

	sen per minute, 24 hour weighted average		
	2006	2007	2008
Local	7.74	7.89	8.09
National	8.56	8.71	8.90
National with submarine cable	28.05	28.05	28.09

(d) Mobile Network Termination Service

The prices below for Mobile Network Termination Service shall be applied for the carriage of voice communications only.

	sen per minute, 24 hour weighted average		
	2006	2007	2008
Local	8.05	8.18	8.36
National	8.86	9.00	9.17
National with submarine cable	28.34	28.32	28.34

(e) Domestic Network Transmission Service

	Ringgit Malaysia per year		
	2006	2007	2008
64 kbps			
Through-Connection	613	511	408
Above 0 to 5 km	908	756	605
Above 5 to 10 km	2,421	2,017	1,614
Above 10 to 20 km	4,690	3,908	3,127
Above 20 to 30 km	7,715	6,430	5,144
Above 30 to 40 km	10,741	8,951	7,161
Above 40 to 50 km	13,767	11,472	9,178
Above 50 to 60 km	16,792	13,994	11,195
Above 60km, for each additional km	103	86	69
2 Mbps			
Through-Connection	26,400	14,282	2,165
Above 0 to 5 km	48,870	26,439	4,008
Above 5 to 10 km	61,560	36,124	10,687
Above 10 to 20 km	76,680	48,693	20,706
Above 20 to 30 km	91,800	62,933	34,065
Above 30 to 40 km	106,920	77,172	47,424
Above 40 to 50 km	122,040	91,411	60,783
Above 50 to 60 km	137,160	105,651	74,142
Above 60km, for each additional km	390	422	454
34 Mbps			
Through-Connection	205,733	106,580	7,427
Above 0 to 5 km	334,898	173,494	12,089
Above 5 to 10 km	353,255	192,747	32,238
Above 10 to 20 km	354,610	208,536	62,461
Above 20 to 30 km	364,311	233,535	102,759
Above 30 to 40 km	365,072	254,064	143,057
Above 40 to 50 km	373,894	278,624	183,354
Above 50 to 60 km	405,823	314,737	223,652

	Ringgit Malaysia per year		
	2006	2007	2008
Above 60km, for each additional km	1,500	1,435	1,370
155 Mbps			
Through-Connection	235,124	122,257	9,390
Above 0 to 5 km	818,666	425,680	32,695
Above 5 to 10 km	862,345	474,765	87,186
Above 10 to 20 km	905,212	537,067	168,922
Above 20 to 30 km	927,010	602,457	277,904
Above 30 to 40 km	933,690	660,288	386,886
Above 40 to 50 km	964,891	730,380	495,868
Above 50 to 60 km	1,093,050	848,950	604,851
Above 60km, for each additional km	4,200	3,952	3,704

(f) Private Circuit Completion Service

	Ringgit Malaysia per year		
	2006	2007	2008
64 kbps			
Installation (non-recurring charge)	1,025	854	683
Port (per end, per year)	4,252	3,543	2,835
Tail segment (per km, per year)	4,235	3,529	2,823
Trunk segment (per km, per year):			
Through-Connection	613	511	408
Above 0 to 5 km	908	756	605
Above 5 to 10 km	2,421	2,017	1,614
Above 10 to 20 km	4,690	3,908	3,127
Above 20 to 30 km	7,715	6,430	5,144
Above 30 to 40 km	10,741	8,951	7,161
Above 40 to 50 km	13,767	11,472	9,178
Above 50 to 60 km	16,792	13,994	11,195
Above 60km, for each additional km	103	86	69

	Ringgit Malaysia per year		
	2006	2007	2008
2 Mbps			
Installation (non-recurring charge)	4,000	2,342	683
Port (per end, per year)	4,690	3,908	3,127
Tail segment (per km, per year)	4,235	3,529	2,823
Trunk segment (per km, per year):			
Through-Connection	26,400	14,282	2,165
Above 0 to 5 km	48,870	26,439	4,008
Above 5 to 10 km	61,560	36,124	10,687
Above 10 to 20 km	76,680	48,693	20,706
Above 20 to 30 km	91,800	62,933	34,065
Above 30 to 40 km	106,920	77,172	47,424
Above 40 to 50 km	122,040	91,411	60,783
Above 50 to 60 km	137,160	105,651	74,142
Above 60km, for each additional km	390	422	454
34 Mbps			
Installation (non-recurring charge)	20,000	11,025	2,050
Port (per end, per year)	25,844	21,536	17,229
Tail segment (per km, per year)	8,469	7,058	5,646
Trunk segment (per km, per year):			
Through-Connection	205,733	106,580	7,427
Above 0 to 5 km	334,898	173,494	12,089
Above 5 to 10 km	353,255	192,747	32,238
Above 10 to 20 km	354,610	208,536	62,461
Above 20 to 30 km	364,311	233,535	102,759
Above 30 to 40 km	365,072	254,064	143,057
Above 40 to 50 km	373,894	278,624	183,354
Above 50 to 60 km	405,823	314,737	223,652
Above 60km, for each additional km	1,500	1,435	1,370

	Ringgit Malaysia per year		
	2006	2007	2008
155 Mbps			
Installation (non-recurring)	20,000	11,025	2,050
Port (per end, per year)	64,624	53,853	43,083
Tail segment (per km, per year)	8,469	7,058	5,646
Trunk segment (per km, per year):			
Through-Connection	235,124	122,257	9,390
Above 0 to 5 km	818,666	425,680	32,695
Above 5 to 10 km	862,345	474,765	87,186
Above 10 to 20 km	905,212	537,067	168,922
Above 20 to 30 km	927,010	602,457	277,904
Above 30 to 40 km	933,690	660,288	386,886
Above 40 to 50 km	964,891	730,380	495,868
Above 50 to 60 km	1,093,050	848,950	604,851
Above 60km, for each additional km	4,200	3,952	3,704

(g) Interconnect Link Service

	Ringgit Malaysia per km per year		
	2006	2007	2008
For each pair of fiber/copper cable:			
Link employing a fibre cable	850	907	932
Link employing a copper cable	654	703	722

(h) Domestic Connectivity to International Services

	Ringgit Malaysia per year		
	2006	2007	2008
Backhaul transmission service between a network transmission point and a submarine cable landing centre or an earth station:			
64 kbps			
Through-Connection	613	511	408
Above 0 to 5 km	908	756	605
Above 5 to 10 km	2,421	2,017	1,614

	Ringgit Malaysia per year		
	2006	2007	2008
Above 10 to 20 km	4,690	3,908	3,127
Above 20 to 30 km	7,715	6,430	5,144
Above 30 to 40 km	10,741	8,951	7,161
Above 40 to 50 km	13,767	11,472	9,178
Above 50 to 60 km	16,792	13,994	11,195
Above 60km, for each additional km	103	86	69
2 Mbps			
Through-Connection	26,400	14,282	2,165
Above 0 to 5 km	48,870	26,439	4,008
Above 5 to 10 km	61,560	36,124	10,687
Above 10 to 20 km	76,680	48,693	20,706
Above 20 to 30 km	91,800	62,933	34,065
Above 30 to 40 km	106,920	77,172	47,424
Above 40 to 50 km	122,040	91,411	60,783
Above 50 to 60 km	137,160	105,651	74,142
Above 60km, for each additional km	390	422	454
34 Mbps			
Through-Connection	205,733	106,580	7,427
Above 0 to 5 km	334,898	173,494	12,089
Above 5 to 10 km	353,255	192,747	32,238
Above 10 to 20 km	354,610	208,536	62,461
Above 20 to 30 km	364,311	233,535	102,759
Above 30 to 40 km	365,072	254,064	143,057
Above 40 to 50 km	373,894	278,624	183,354
Above 50 to 60 km	405,823	314,737	223,652
Above 60km, for each additional km	1,500	1,435	1,370
155 Mbps			
Through-Connection	235,124	122,257	9,390
Above 0 to 5 km	818,666	425,680	32,695
Above 5 to 10 km	862,345	474,765	87,186
Above 10 to 20 km	905,212	537,067	168,922

	Ringgit Malaysia per year		
	2006	2007	2008
Above 20 to 30 km	927,010	602,457	277,904
Above 30 to 40 km	933,690	660,288	386,886
Above 40 to 50 km	964,891	730,380	495,868
Above 50 to 60 km	1,093,050	848,950	604,851
Above 60km, for each additional km	4,200	3,952	3,704

(i) Broadcasting Transmission Service

	Ringgit Malaysia per year		
	2006	2007	2008
2 Mbps			
Through-Connection	26,400	14,282	2,165
Above 0 to 5 km	48,870	26,439	4,008
Above 5 to 10 km	61,560	36,124	10,687
Above 10 to 20 km	76,680	48,693	20,706
Above 20 to 30 km	91,800	62,933	34,065
Above 30 to 40 km	106,920	77,172	47,424
Above 40 to 50 km	122,040	91,411	60,783
Above 50 to 60 km	137,160	105,651	74,142
Above 60km, for each additional km	390	422	454
34 Mbps			
Through-Connection	205,733	106,580	7,427
Above 0 to 5 km	334,898	173,494	12,089
Above 5 to 10 km	353,255	192,747	32,238
Above 10 to 20 km	354,610	208,536	62,461
Above 20 to 30 km	364,311	233,535	102,759
Above 30 to 40 km	365,072	254,064	143,057
Above 40 to 50 km	373,894	278,624	183,354
Above 50 to 60 km	405,823	314,737	223,652
Above 60km, for each additional km	1,500	1,435	1,370

	Ringgit Malaysia per year		
	2006	2007	2008
For transmission of television programmes only:			
1 codec	23,145	23,145	23,145
2 codecs	46,290	46,290	46,290

(j) Bitstream Services

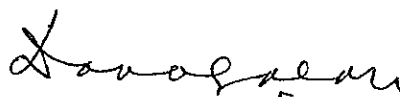
	Ringgit Malaysia		
	2006	2007	2008
Implementation (non-recurring charge per line)	8.55	9.04	9.08
Line rental (per month)	38.00	18.02	17.20
Installation (non-recurring charge per line):			
- ISDN	50	153	255
- PSTN	50	86	121
- ADSL	50	88	125
Bandwidth Rental (per year):			
Nx64kbps			
Through-Connection	613	511	408
Above 0 to 5 km	908	756	605
Above 5 to 10 km	2,421	2,017	1,614
Above 10 to 20 km	4,690	3,908	3,127
Above 20 to 30 km	7,715	6,430	5,144
Above 30 to 40 km	10,741	8,951	7,161
Above 40 to 50 km	13,767	11,472	9,178
Above 50 to 60 km	16,792	13,994	11,195
Above 60km, for each additional km	103	86	69
Nx2Mbps			
Through-Connection	26,400	14,282	2,165
Above 0 to 5 km	48,870	26,439	4,008
Above 5 to 10 km	61,560	36,124	10,687
Above 10 to 20 km	76,680	48,693	20,706
Above 20 to 30 km	91,800	62,933	34,065

	Ringgit Malaysia		
	2006	2007	2008
Above 30 to 40 km	106,920	77,172	47,424
Above 40 to 50 km	122,040	91,411	60,783
Above 50 to 60 km	137,160	105,651	74,142
Above 60km, for each additional km	390	422	454
Installation/Adaptation of Space (non-recurring charge per site)			
- Physical	14,000	14,000	14,000
Backhaul Transmission for Bitstream with Network Service (recurring charge)	subject to mutual agreement		

Revocation

8. The Commission Determination on the Mandatory Standard on Access Pricing, Determination No. 3 of 2005 shall be revoked with effect from 15 February 2006.

Made: 10 February 2006



DATO' V DANAPALAN
Chairman

Malaysian Communications and Multimedia Commission