



Suruhanjaya Komunikasi dan Multimedia Malaysia
Malaysian Communications and Multimedia Commission

GUIDELINES ON THE APPLICATION FOR MALAYSIAN SATELLITE NETWORK FILINGS

17 February 2025

Notice:

The information contained in the Guidelines on the Application for Malaysian Satellite Network Filings ("Guidelines") is intended as a guide and is administrative in nature. For this reason, these Guidelines should not be relied on as legal advice or regarded as a substitute for legal advice. Parties should still refer to the legislative provisions contained in the law. The information contained in these Guidelines will be updated from time to time either via an addendum or revised Guidelines.

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Malaysian Communications and Multimedia Commission
MCMC HQ Tower 1
Jalan Impact
Cyber 6, 63000 Cyberjaya
Selangor Darul Ehsan

Phone: +603 8688 8000

Website: www.mcmc.gov.my

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ANNEXURE 1 – APPLICATION FORM

ANNEXURE 2 – FLOWCHART OF APPLICATION FOR MALAYSIAN SATELLITE NETWORK FILINGS

1.0 ABBREVIATIONS

BR IFIC	Radiocommunication Bureau International Frequency Information Circular (Space Services)
CMA 1998	Communications and Multimedia Act 1998
IARU	International Amateur Radio Union
IBG	Irrevocable bank guarantee
ITU	International Telecommunication Union
MCMC	Malaysian Communications and Multimedia Commission
MIFR	Master International Frequency Register
RR	Radio Regulations

2.0 INTRODUCTION

- 2.1 The International Telecommunication Union (“**ITU**”)¹ publishes the Radio Regulations (“**RR**”) outlines specific procedures for the recording of frequency assignments of satellite networks/systems in the Master International Frequency Register (“**MIFR**”) to ensure protection against interference and secure international recognition.
- 2.2 The satellite network filing refers to a description of the frequency assignments of the satellite networks/systems in terms of the characteristics contained in a formal submission to the ITU - which includes orbital parameters, space station transmission/reception parameters, type of services and service areas.
- 2.3 The Malaysian satellite network filings may only be submitted to the ITU by the Malaysian Communications and Multimedia Commission (“**MCMC**”), that acts as the notifying administration² to facilitate access to spectrum and orbital resources in a manner that is in accordance with national and international laws and regulations.

¹ In the context of these Guidelines, ITU-Radiocommunication Sector is responsible for publishing the RR while the Radiocommunication Bureau is responsible for processing of the satellite network filings.

² Any governmental department or service responsible for discharging the obligations undertaken in the Constitution of the ITU, in the Convention of the ITU and in the Administrative Regulations (CS1002).

2.4 Article **44** of the ITU Constitution goes on to state:

"In using frequency bands for radio services, Member States shall bear in mind that radio frequencies and any associated orbits, including the geostationary-satellite orbit, are limited natural resources and that they must be used rationally, efficiently and economically, in conformity with the provisions of the Radio Regulations, so that countries may have equitable access to those orbits and frequencies taking into account the special needs of the developing countries and the geographical situation of particular countries."

2.5 Following the requirements set out by ITU as stated above, MCMC publishes these Guidelines to outline the application process for Malaysian satellite network filings ("**Application**") submitted by entities that satisfy the eligibility criteria ("**Applicant**").

2.6 For the avoidance of doubt, the Application does not, in whatsoever manner, grant any entitlement to the successful Applicant to use the frequency assignments related to the associated satellite network filings. Prior to the use of frequency assignments associated with the satellite network filings, a separate process in accordance with the Communications and Multimedia (Spectrum) Regulations 2000 ("**Spectrum Regulations 2000**") is required. The necessary approvals must be obtained accordingly as stated in the *Guidelines for Apparatus Assignment* published on MCMC's website.

2.7 For activities involving the provisioning of satellite-based services in Malaysia, the Applicant shall hold a valid Network Facilities Provider and Network Service Provider licences, issued for licensable activities (refer to the *Licensing Guidebook* published on MCMC's website) in accordance with the Communications and Multimedia Act 1998 ("**CMA 1998**") and Communications and Multimedia (Licensing) Regulations 2000 ("**Licensing Regulations 2000**"). For such purpose, an application for licence(s) shall be made accordingly to the Licensing Department of MCMC (email to: licensing@mcmc.gov.my).

2.8 Any space activities associated with the Malaysian satellite network filings shall comply with other applicable national laws and regulations, including compliance with the Malaysian Space Board Act 2022 (Act 834), that outlines a separate area of domestic space regulation.

3.0 ELIGIBILITY

- 3.1 For the purposes of the Application, the Applicant shall:
- a) be a company incorporated in Malaysia pursuant to the Companies Act 2016 or an entity registered under any of the Malaysian law(s);
 - b) have no overdue payment and regulatory compliance issues with MCMC; and
 - c) have no overdue payment to the ITU and regulatory compliance issues in accordance with the RR.
- 3.2 For satellite demonstration/trial purposes, the Applicant must obtain the necessary approval as outlined in the *Guidelines for Trial, Experiment and Demonstration* published on MCMC's website prior to the submission of the Application outlined in these Guidelines.
- 3.3 Further, as part of the commitment to comply with the RR and effectively manage the satellite networks/systems, the Applicant is required to hold an active ITU membership and shall maintain its validity at all material times.
- 3.4 The Applicant is expected to be thoroughly familiar with the ITU process and requirements, which include access to the ITU BR software and publications to conduct the necessary regulatory processes and fulfil the ITU requirements. Failure to do so may impede the Applicant's ability to complete submissions to the ITU and perform the necessary analysis.

4.0 PROCEDURES FOR MALAYSIAN SATELLITE NETWORK FILINGS

- 4.1 The process³ for a satellite network filing to be recorded in the MIFR may take up to eight (8) years⁴ ("**Regulatory Period**"), depending on the relevant ITU processes. Failure to bring into use⁵ the frequency assignments of the satellite networks/systems within the *Regulatory Period* will result in the cancellation of the satellite network filing by the ITU.

³ The process described in these guidelines is not intended to serve as an exhaustive guide to the RR and the procedures for satellite network filings. Instead, it provides a general overview of the procedures outlined in the RR within the international context, relevant to these guidelines.

⁴ Refer to RR No. 11.44, RR Appendices 30/30A No. 4.1.3 and Appendix 30B No. 6.31.

⁵ The term "bring into use" is specifically detailed in the provisions of the RR and should be referred to for comprehensive requirements.

4.2 In general, there are three (3) main stages⁶ involved in the process of satellite network filings by the ITU:

- a) Advance publication information / Coordination request;
- b) Frequency coordination; and
- c) Notification.

4.3 The Applicant is required to submit application (refer to **Annexure 1** of these Guidelines) to MCMC for the advance publication information/coordination request and notification stages.

4.4 The three (3) main stages are described as follows:

a) Advance Publication Information / Coordination Request (“API/CR”)

- (i) The Applicant is required to complete and submit the application (refer to **Annexure 1** of these Guidelines) (“**Application for New Malaysian Satellite Network Filing**”), that comprises of the application form and additional information that includes the technical information of the proposed satellite network/system, in the format specified by the ITU (“**API/CR Information**”) to MCMC.
- (ii) The *Application for New Malaysian Satellite Network Filing* will be evaluated and should the same be approved, MCMC will submit the relevant *API/CR Information* to the ITU, marking the start date of the *Regulatory Period* of the satellite network filings.
- (iii) Following the submission of the *API/CR Information* to the ITU, the ITU will issue an invoice for the cost recovery process as specified in paragraph 7 of these Guidelines, in which the Applicant is obligated to pay directly to the ITU before the deadline specified.

⁶ The 3 main stages are the general process for submitting a satellite network filing with non-planned frequency assignments under the provisions of RR Articles 9 and 11. For submission of satellite networks with planned frequency assignments, kindly refer to the relevant provisions under RR Appendices 30, 30A, and 30B.

- (iv) Upon examination by the ITU, the *API/CR Information* will be published through the Radiocommunication Bureau International Frequency Information Circular (Space Services) ("**BR IFIC**"), a service document published by the ITU fortnightly to capture the details of space networks/systems proceeding through the various stages of the ITU procedures.

b) Frequency Coordination

- (i) In response to the publication of *API/CR Information* in the BR IFIC, administrations shall communicate their comments related to potential interference from the published Malaysian satellite networks/systems, if any, within the 4-month commenting period.
- (ii) A copy of any correspondence received by MCMC related to the Malaysian satellite networks/systems will be forwarded to the respective Applicant for its consideration and further action.
- (iii) This frequency coordination facilitates the exchange of information, analysis of interference scenarios and development of solutions that will allow the existing and planned satellite networks/systems to operate without causing harmful interference to one another.
- (iv) The Applicant is required to identify coordination requirements – including interference analysis and perform technical coordination, to ensure that harmful interference is not caused by the operation of its satellite networks/systems.
- (v) The Applicant shall comply with the regulatory requirements⁷ in managing potential harmful interference and making every possible effort to resolve any difficulties arising from its satellite networks/systems. This includes coordination of the frequency assignments of satellite networks/systems that are not subject to coordination procedure under Section II of Article **9** of the RR.

⁷ This includes coordination requirements such as International Amateur Radio Union ("**IARU**") coordination for amateur-satellite service and Resolution 609 Consultation Meetings for systems in the radionavigation-satellite service in the specific frequency bands.

- (vi) Additionally, the Applicant is responsible for examining the BR IFIC publication and identifying issues of potential interference arising from any satellite networks/systems published in the BR IFIC concerning their responsible satellite networks/systems in accordance with the RR.
- (vii) If the Applicant is of the view that it is necessary to respond to the information published in the BR IFIC, the Applicant shall provide the necessary information to MCMC within two (2) months from the publication date of BR IFIC. MCMC will review and evaluate the information provided before sending it to the ITU and respective administrations. The Applicant will receive a copy of the correspondence concerning its Malaysian satellite networks/systems. MCMC will not be responsible for missing deadlines and any procedural delays caused by incomplete or incorrect information submitted by the Applicant.
- (viii) Depending on the degree of complexity of the interference situation, frequency coordination of satellite networks/systems is usually carried out through a series of meetings and exchanges of correspondences. Any operator-to-operator agreements shall require ratification by MCMC and the corresponding administration of the satellite networks/systems. The Applicant is not authorised to sign any administration-to-administration agreements on behalf of MCMC.
- (ix) Frequency coordination for the satellite networks/systems is a continuous process and remains necessary even after the frequency assignments of the satellite network filings have been brought into use. This is to protect the operational characteristics of the Malaysian satellite networks/systems against new or proposed modifications to the existing ITU satellite network filings.
- (x) All coordination works and resources incur a recurring cost which can be considered as part of satellite operational expenditures. These may include software licences and subscriptions, regulatory compliance, documentation and record-keeping, training and development, logistics management and dedicated personnel to analyse satellite networks/systems. Any costs and risks associated with these operational expenditures, deployment and management of the satellites shall be fully borne by the Applicant.

- (xi) The Applicant shall provide reports bi-annually to MCMC, in January and July of each year, on the status and planning for the coordination of their respective Malaysian satellite network filings. Additionally, the Applicant shall inform MCMC when their satellite network filings become no longer feasible to be brought into use.

c) Notification

- i) The ITU notification process to record the frequency assignments associated with a satellite network filing in the MIFR commences:
- when the satellite coordination is completed⁸; and
 - when the frequency assignments of the satellite network filing(s) are about to be brought into use.
- ii) Before bringing into use the frequency assignments of the Malaysian satellite network filings, the Applicant must submit the application (refer to **Annexure 1** of these Guidelines) ("**Application for Submission of Notification Notice to the ITU**") to MCMC for submission of notice to the ITU.
- iii) The *Application for Submission of Notification Notice to the ITU* shall include the notice using the format specified by the ITU ("**Notification Notice**") and any other required information in accordance with relevant provisions in the RR.
- iv) MCMC will consider the details of the satellite(s) to bring into use the frequency assignments and the status of the frequency coordination, including domestic coordination with other Malaysian satellite network filings. MCMC may also request information on the ownership and authorisation of the satellite(s) to be deployed, if necessary.
- v) For a satellite system consisting of a constellation of non-geostationary satellites, MCMC requires commitment and details of the timeline for the full deployment of all the satellites in the constellation. The Applicant must also indicate the minimum number of satellites needed to be deployed in order to provide the intended service at least at the minimum intended quality as committed.

⁸ For coordination of frequency assignments that have not been completed, the operator shall provide such request through written communications and justification to MCMC.

- vi) MCMC requires a processing period of six (6) months⁹ upon receipt of a complete *Application for Submission of Notification Notice to the ITU* for necessary approval for submission to the ITU.
- vii) Following the evaluation by MCMC and should the *Application for Submission of Notification Notice to the ITU* be approved, MCMC will submit the *Notification Notice* to the ITU on behalf of the Applicant.
- viii) The *Notification Notice* will be examined by the ITU in accordance with the ITU Constitution and Convention, the Table of Frequency Allocations contained in the RR, and other provisions of the RR, as well as the satisfactory completion of all required coordination.
- ix) Based on the examination of the *Notification Notice* by the ITU, the frequency assignments of the Malaysian satellite network filings are either:
 - be recorded in the MIFR (if the finding is favourable and published in Part II-S of the BR IFIC); or
 - deemed unsuccessful (if the finding is unfavourable and published in Part III-S of the BR IFIC).
- x) Regardless of the status of frequency assignments in the MIFR, ITU will issue an invoice for the cost recovery process as specified in paragraph 7 of these Guidelines. The Applicant is obligated to pay the fee specified in the invoice directly to the ITU before the deadline.

4.5 The Applicant shall inform MCMC when there is an intention to decommission/deorbit a satellite or as soon as the satellite network filings become no longer feasible to the Applicant for onward submission to the ITU by MCMC.

4.6 In ensuring the information recorded in the MIFR corresponds to the actual use of spectrum and occupancy of the satellite orbit, the Applicant shall inform MCMC biannually, in January and July of each year, on the status of the operation of the satellite networks/systems and evidence of milestone completion for the satellite constellation, if applicable.

⁹ The Applicant will be promptly informed of the status of their Application in case more time is required for processing the Application.

5.0 SUBMISSION OF APPLICATION

- 5.1 The Applicant is required to complete and submit a physical copy of the application in **Annexure 1** of these Guidelines to MCMC as follows:

Chairman

Malaysian Communications and Multimedia Commission
MCMC HQ Tower 1, Jalan Impact, 63000 Cyberjaya
Selangor Darul Ehsan
(Attn: Head of Spectrum Planning and Assignment Division)

The electronic copy of the submission must also be submitted through electronic mail addressed to satcoord@mcmc.gov.my.

- 5.2 The Application submitted to MCMC must be signed by a duly authorised officer of the Applicant and contain all necessary information to support the application process.
- 5.3 MCMC may request any additional information that it considers necessary to facilitate the evaluation of the Application and request for the Applicant to make any amendments to the same to be in accordance with the ITU requirements. The Application will be processed upon complete submission of the documents.
- 5.4 The Applicant is responsible to ensure the information provided to MCMC is true, accurate, complete and updated. Any changes to the information must be submitted afresh to MCMC. MCMC will not be responsible for missing deadlines and any procedural delays caused by incomplete or incorrect information submitted by the Applicant.
- 5.5 The flowchart for the Application process is shown in **Annexure 2** of these Guidelines.

6.0 EVALUATION OF APPLICATION

- 6.1 The Application shall be consistent with the following, including any amendments made to the same:
- a) RR and any relevant provisions of the ITU;
 - b) Spectrum Plan; and
 - c) Any relevant national radiocommunication policies and legislative instruments.

- 6.2 The complete Application submitted to MCMC will be evaluated together with the supporting documents and information as per the criteria contained in these guidelines, including but not limited to the following:
- a) feasibility of the project and possible satellite service/applications;
 - b) use of frequencies in accordance with national and international regulations;
 - c) capability to control, operate, modify or cease the transmissions to and from earth stations operating within the satellite networks/systems;
 - d) coordination with relevant Malaysian satellite operators concerning technical aspects of its satellite networks/systems with existing Malaysian satellite network filings;
 - e) proposals to resolve sharing scenarios between the proposed satellite systems and current systems, if applicable; and
 - f) substantive benefit to Malaysia derived from the use of spectrum and orbital resources.
- 6.3 MCMC will take into consideration any overdue payments to the ITU and compliance issues with regulatory requirements outlined in the RR in evaluating the Application.
- 6.4 The final decision for submission of notice for Malaysian satellite network filings to the ITU is at the discretion of MCMC based on the evaluation of the Application.

7.0 FEES & CHARGES

- 7.1 No fees are charged for the Application submitted to MCMC. However, approval of the Application will require payment for stamp duty to be borne by the Applicant.
- 7.2 In accordance with the provisions of ITU Council Decision 482, as amended, ITU charges fees¹⁰ for processing a satellite network filing based on cost recovery principles, which shall be borne by the Applicant. The Applicant shall arrange the payment to the ITU as appropriate before the deadlines specified in the invoice(s) issued by ITU and inform MCMC in writing for each payment that has been made accordingly. Notwithstanding the cancellation of the Malaysian satellite network filings, any outstanding fees to the ITU are still required to be paid to the ITU by the Applicant.

¹⁰ See also *Guidelines on Nomination for Free Entitlement from Cost Recovery of Malaysian Satellite Network Filings by the ITU* published on MCMC website.

- 7.3 As part of the measures taken for non-payment of ITU cost recovery, the Applicant shall submit to MCMC an irrevocable bank guarantee ("**IBG**") issued by a financial institution incorporated in Malaysia and licensed under the Financial Services Act 2013 in favour of MCMC, to guarantee compliance with the ITU's financial obligation. The IBG, which is payable on demand, either in part or in full, for the amount necessary to cover the ITU cost recovery charges. The IBG shall remain valid and maintained at the same amount until full payment to the ITU is completed and proof of payment is received by MCMC. MCMC reserves the right to draw down the IBG at any time in the event of a breach of obligation or non-compliance to the approval conditions, either in part or in full, without further notification being given to the Applicant. The IBG requirement is applicable upon the approval of each Application for *New Malaysian Satellite Network Filing and Submission of Notification Notice to the ITU*.
- 7.4 Furthermore, the operation and provisioning of satellite service in Malaysia is subject to relevant fees as stipulated in the Licensing Regulations 2000 and Spectrum Regulations 2000, and any other relevant national laws and regulations that are in force at the material time, which shall be borne by the Applicant.

8.0 IMPLEMENTATION

- 8.1 These guidelines shall be effective from the date of its issuance and shall be reviewed as and when necessary by MCMC.



Suruhanjaya Komunikasi dan Multimedia Malaysia
 Malaysian Communications and Multimedia Commission

APPLICATION FOR MALAYSIAN SATELLITE NETWORK FILINGS

Please complete the form and tick in appropriate boxes.

ITU-R Membership

No Yes

Access to ITU database (e.g. BR IFIC)

No Yes

SECTION 1: PURPOSE OF APPLICATION

Type of Application	<input type="checkbox"/> API/CR	<input type="checkbox"/> Notification	<input type="checkbox"/> Others: _____
Trial/ demonstration	<input type="checkbox"/> No	<input type="checkbox"/> Yes	<i>If yes, please attach any supporting documents of the TED Decision.</i>

SECTION 2: DETAILS OF THE APPLICANT

Please provide the details of the Applicant to be recognized as the Malaysian operating agency for the satellite network filing.

Name of applicant	<i>(Enter the full name of the company/entity applying for Malaysian satellite network filing)</i>		
Type of organisation	<i>(Specify whether the applicant is a local government, private company, university, etc)</i>	Date of incorporation	<i>(Specify the date on which the applicant was incorporated/ registered as a legal entity)</i>
Business address	<i>(Enter the full address of the applicant's business or administrative office)</i>		
Mailing address	<i>(Enter the mailing address if it differs from the applicant's business address)</i>		
Nature of business	<i>(Describe the applicant's primary business activities. This should include the core operations, industry sector, and any relevant services/products offered related to satellite services).</i>		
Key partners or stakeholders	<i>(List any key partners or stakeholders involved in the satellite project, including other organizations/entities collaborating on the project)</i>		
Type of licence (whichever applicable)	<input type="checkbox"/> NFP Validity period: _____	<input type="checkbox"/> NSP Validity period: _____	<input type="checkbox"/> CASP Validity period: _____
Proficiency with ITU Regulations	<i>(Provide information that demonstrates knowledge areas related to ITU regulations. If none, outline the plan for acquiring the necessary knowledge and skills).</i>		

SECTION 3: CONTACT DETAILS

Please provide the contact responsible for any concerns related to this application and the satellite network filing.

Contact person	<i>(Enter the name for the primary contact person for this application)</i>
Designation	<i>(Enter the job title or position of the contact person within the organisation)</i>
Email	<i>(Enter a valid email address for the contact person; and if applicable, a general/shared email address that forwards messages to multiple recipients).</i>
Contact number	<i>(Enter the phone number where the contact person can be reached)</i>
ITU TIES account	<i>(For first-time applicants, enter the username of the ITU TIES account for submission to the ITU)</i>

SECTION 4: DETAILS OF THE SATELLITE NETWORK FILING

Name of satellite network	<i>(Enter the name of the satellite network filing to be registered to the ITU – in accordance with ITU naming rules)</i>	
Satellite orbit	<input type="checkbox"/> Geostationary (“GSO”) Orbital slot: _____	<input type="checkbox"/> Non-geostationary (“non-GSO”) Total satellite(s): _____ Apogee/Perigee: _____ Total plane(s): _____ Inclination: _____
Satellite footprint & service area	<i>(Provide an additional attachment for the service area if necessary)</i>	
Estimated ITU cost recovery (CHF)	<i>(Enter the estimated amount for ITU cost recovery and any relevant information about how the costs were calculated or sourced)</i>	

SECTION 5: DESCRIPTION OF THE PROJECT

Satellite mission	<i>(Describe the primary objectives and purpose of the satellite mission, including any notable features)</i>
Target market/ Service area	<i>(Describe the geographic area that the satellite will cover and the primary market segments or user groups that the satellite network aims to serve)</i>
Type of satellite service/ Applications	<i>(Describe the main satellite services/applications that the satellite network will offer within the service area e.g. fixed-satellite service, mobile-satellite service, earth-exploration satellite service etc.)</i>
Satellite ownership	<i>(Provide the name of the organization/entity that owns the satellite and any relevant information about the satellite ownership e.g. joint ownership arrangements or special conditions)</i>
Satellite design lifetime	<i>(Provide the expected duration for which the satellite is designed to operate effectively)</i>
Additional information	<i>(Provide any other relevant details about the project that may facilitate the evaluation process)</i>

SECTION 6: FREQUENCY ASSIGNMENTS

Please refer to the Spectrum Plan for the frequency allocation and the ITU Preface (Space Services) for the class of station. Please provide an attachment for a list of frequency assignments, if necessary.

No.	Frequency band	Direction (Earth-to-space/ space-to-Earth)	Lower range	Upper range	Class of station	Service/ Applications
1	e.g. Ku-band	e.g. space-to-Earth	e.g. 10.95 GHz	e.g. 11.2 GHz	e.g. EC	e.g. Direct-to-Home
2						
3						
4						
5						

SECTION 7: DETAILS OF THE EARTH STATIONS

Please provide an attachment for a list of specific earth stations, if necessary.

No.	Name & address of location	Operating mode (Earth-to-space/ space-to-Earth/ both)
1	e.g. MEASAT Teleport and Broadcast Centre, Cyberjaya, Malaysia	e.g. both
2		
3		

SECTION 8: DETAILS OF THE SATELLITE

This section is to be filled in for "Application for Submission of Notification Notice to the ITU" only.

Applicable ITU-R provisions	<input type="checkbox"/> Resolution 35 <input type="checkbox"/> Resolution 40	<input type="checkbox"/> Resolution 76 <input type="checkbox"/> Resolution 609	<input type="checkbox"/> Others _____
Satellite commercial name	(Enter the official commercial name or designation of the satellite as it will be marketed and identified in commercial contexts)		
Expected launch date	(Indicate the anticipated launch date of the satellite)		
Expected date of bringing into use	(indicate the anticipated date when the frequency assignments will be brought into use)		
Satellite operational lifespan	(State the expected operational lifespan of the satellite and when the satellite is expected to cease operation)		
Launch services provider	(Provide the name of the launch vehicle provider, date of execution of the contract, launch /in-orbit delivery window, name of the launch vehicle, name and location of the launch facility).		
Spacecraft manufacturer	(Provide the name of the spacecraft manufacturer, date of execution of the contract, contractual "delivery window", and number of satellites procured.		
Milestones for satellite constellation (if applicable)	(Provide an outline of the transition to full operational capability and deployment of satellites into their operational orbits)		

SECTION 9: DECLARATION

Please read and tick (✓) to indicate you have full understanding on the statement below.

- I/We declare that all the information provided in this application form is correct, to the best of my/our knowledge and belief.
- I/We are responsible to obtain necessary technical, financial and legal credentials to comply with the regulatory requirements in accordance with the ITU Radio Regulations and all relevant laws in Malaysia with respect to the use of the spectrum and orbital resources. I/We will also respect any applicable legislation of a country where services are being delivered to, or are originating from.
- I/We affirm that we possess the financial resources necessary to cover the anticipated expenses including payment of all required fees and charges for the implementation and operation of the proposed satellite networks/systems.
- I/We shall ensure compliance with section 157 of the CMA 1998 and/or Regulations 20 of the Spectrum Regulations prior to bringing into use the frequency assignments of the satellite network filings.
- I/We shall ensure the operational control of the satellite system will maintain its ability to be exercised within Malaysia, to provide jurisdiction and ability to rectify harmful interference if it arises.
- I/We understand that MCMC will not be responsible for any procedural delays caused by incomplete/incorrect information submitted along with this Application.
- I/We understand that MCMC shall under no circumstances be liable for any losses or damages, however so described, that may result or arise out of the potential non-acceptance of an Application, the non-submission of such filings and if the submission is, for whatever reason, unsuccessful or is delayed and ITU deadlines are missed.
- I/We understand that the submission of Malaysian satellite network filing to the ITU shall not be construed as conferring any right, continuous or otherwise, to use the frequency bands related for any purpose and shall not impede the capacity of MCMC to perform its spectrum management and radio communications duties pursuant to Communications and Multimedia Act 1998.

Authorised signature & Company Stamp

Date

Name:
Designation:
Email:
Contact number:

SECTION 10: DOCUMENT CHECKLIST

The following list sets out the minimum information (as may be applicable) to be included in the application for MCMC to be able to conduct an informed evaluation of the request.

For New Malaysian Satellite Network Filing

- 1) **Cover letter** – Brief summary to the Chairman of MCMC by highlighting the key points of the application and signed by an officer authorised by the company/entity.
- 2) **API/CR Information** – Information on satellite network/system in the format using the latest version of the ITU Space Services software and its Space Validation report.
- 3) **Company profile** – Information of the company/entity including its experiences as well as technical and financial credentials for carrying out the project - comprising familiarization with the international policy and regulatory framework, particularly ITU.
- 4) **Business plan** – Details of the project that include the following, at a minimum:
 - a) **Background** – objectives and information on the satellite project, including the intended service applications and target markets.
 - b) **Network diagram** - information related to the satellites and ground segments, with appropriate network diagram, telemetry, tracking and command operation and satellite design lifetime.
 - c) **Project timeline** – details of the project timeline, including the expected time required to bring into use the frequency assignments of the satellite network filings.
- 5) **Benefit to Malaysia** – details of substantive benefit to Malaysia deriving from the use of the spectrum and services provided by the proposed satellite system.
- 6) **Consistency with existing policy and legislation** – highlight any inconsistencies between the proposed network/system and current domestic laws and policies, and any incompatibility with existing radiocommunication services should be noted in the Application, along with the proposal to resolve the inconsistency or incompatibility.
- 7) **Expected coordination details** – coordination strategy and details of expected frequency coordination that would need to be achieved, including coordination with existing Malaysian satellite networks.
- 8) **Others** – Any other information and supporting documents that may facilitate the evaluation of the Application.

For Submission of Notification Notice to the ITU

- 1) **Cover letter** – Brief summary to the Chairman of MCMC by highlighting the key points of the application and signed by an officer authorised by the company/entity.
- 2) **Notification notice** – Notice in the format using the latest version of the ITU Space Services software and its Space Validation report.
- 3) **Updated business plan** – Any changes or updated details of the project that include the following, at a minimum:
 - a) **Network diagram** – information related to the satellites and ground segments, with appropriate network diagram, telemetry, tracking and command operation and satellite design lifetime.
 - b) **Administrative control of network** – demonstrating capability to control, operate, modify, cease the transmission to/from stations from within Malaysia upon the request of MCMC, in the event of interference being caused to an existing network.
 - c) **Details of the satellite deployment** – evidence of commitment to deploy satellite and details on the satellite launch and timeline for the full deployment of all the satellites of the constellation, if applicable.
- 4) **Coordination status** – Summary of coordination with the domestic satellite networks/systems and affected administrations/networks.
- 5) **Status of regulatory approvals** – status of necessary regulatory approvals, that include the licensing and spectrum authorisation status for bringing into use the frequency assignments.
- 6) **Consistency with existing policy and legislation** - any inconsistencies between the proposed network/system and current domestic laws and policies, and any incompatibility with existing radiocommunication services should be noted in the Application, along with the proposal to resolve the inconsistency or incompatibility.
- 7) **Decommissioning/deorbit plan** – overview of the decommissioning plan or procedures at the end of the satellite's operational life.
- 8) **Others** – Any other information and supporting documents that may facilitate the evaluation of the Application.

Flowchart of Application for Malaysian Satellite Network Filings

