

**THE HASHEMITE KINGDOM
OF JORDAN**



**TELECOMMUNICATIONS
REGULATORY COMMISSION**

**Instructions Regarding the
Application Procedures and
Conditions for the Issuance of
a General Radio Spectrum License
for Radiocommunication Systems
Related to the Integrated
Licensing Regime**

Issued Pursuant to Articles 6(h) and
12(a)(2) of the Telecommunications
Law

The Telecommunications Regulatory Commission

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هيئة تنظيم قطاع الاتصالات

التعليمات الخاصة بإجراءات وشروط الحصول
على رخصة عامة لأنظمة الاتصالات الراديوية
المتعلقة بالإطار المتكامل للترخيص والتنظيم

استنادا للمادة () ح - أ - (من)

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SECTION 1 : INTRODUCTORY PROVISIONS

Article 1 : Citation

These Instructions shall be cited as the Instructions Regarding the Application Procedures and Conditions for the Issuance of a General Radio Spectrum License for Radiocommunication Systems Related to the Integrated Licensing Regime (hereinafter "Instructions").

Article 2 : Purpose

These Instructions aim to establish the procedures and criteria under which applicants may be licensed to use the radio frequency spectrum for Radiocommunication Systems relating to the provision of Public Telecommunication Services and/or the operation of Public Telecommunication networks in Jordan under the Integrated Licensing Regime.

Article 3 : Definitions

The following words and phrases shall have the meanings assigned thereto unless the context indicates otherwise. Any words or phrases not defined hereunder shall have the meanings ascribed thereto in the Telecommunications Law and Regulations issued pursuant thereto.

3.1 Applicant means the Person that is applying for a License.

3.2 Application means the Application Form and related

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<p>attachments that are submitted to the TRC.</p>	
<p>3.3 Application Form means the application forms for a General Radio Spectrum License for Radiocommunication Systems Related to the Integrated Licensing Regime, as approved by the TRC and amended from time to time.</p>	<p style="text-align: right;">3/3</p>
<p>3.4 Class License means a license to provide public telecommunications services and/or operate public telecommunications networks (i) not requiring the use of scarce resources, or (ii) requiring the use of scarce resources, including radio frequency spectrum, that have been specifically exempted by the TRC from an Individual License requirement.</p>	<p style="text-align: right;">4/3</p>
<p>3.5 Companies Law means the enacted Companies Law.</p>	<p style="text-align: right;">5/3</p>
<p>3.6 Individual License means a license to provide public telecommunications services and/or operate public telecommunications networks that use in the provision of some or all services or operation of networks scarce resources, which include radio frequency spectrum, that have not been specifically exempted by the TRC from an Individual License requirement.</p>	<p style="text-align: right;">6/3</p>
<p>3.7 Integrated Licensing Regime means the licensing regime for public telecommunications services and networks that</p>	<p style="text-align: right;">7/3</p>

<p>requires an individual License for networks and services that use scarce resources, including radio spectrum, and a Class License for those networks and services not utilizing scarce resources or using radio spectrum on an exempted basis.</p>	
<p>3.8 License or General Radio Spectrum License means a General Radio Spectrum License for Radiocommunication Systems Related to the Integrated Licensing Regime.</p>	<p style="text-align: right;">8/3</p>
<p>3.9 Licensee means the holder of a General Radio Spectrum License.</p>	<p style="text-align: right;">9/3</p>
<p>3.10 Person means any individual, company, corporation, partnership, joint venture, consortium, government or governmental entity.</p>	<p style="text-align: right;">10/3</p>
<p>3.11 Radio Frequencies or Frequencies mean the radio frequencies assigned to the Licensee for exclusive use in the operation of its licensed activities, as amended or modified in accordance with TRC Regulations.</p>	<p style="text-align: right;">11/3</p>
<p>3.12 Radio Station means one or more transmitters or receivers or a combination of transmitters and receivers, including the supplemental equipment, necessary at a specific location, for carrying out the purpose of offering a radiocommunications, radio astronomy, or broadcasting</p>	<p style="text-align: right;">12/3</p>

service.		
3.13 Radiocommunication System means a telecommunications system that uses radio frequencies for the provision of Public Telecommunication Services and/or the operation of Public Telecommunication Networks.	:	13/3
3.14 Telecommunications Law means the Telecommunications Law (No. 13 of 1995) of Jordan, and its amendments.	13 : 1995	14/3
3.15 TRC means Telecommunications Regulatory Commission.	.	15/3
Article 4 General Licensing Framework and Regulatory Regime	:	
4.1 The Application submission requirements and evaluation criteria set forth in these Instructions will be used to award General Radio Spectrum Licenses for Radiocommunication Systems Related to the Integrated Licensing Regime included in Annex 1 of the Application Form.	(1)	1/4
4.2 The General Radio Spectrum License is intended to authorize the use of a specific band of radio spectrum for Radiocommunication Systems that are used in the provision of Public Telecommunications Service and/or the operation of Public Telecommunication Networks. These Radiocommunications Systems include terrestrial fixed networks such as fixed wireless access, Multichannel Multipoint	/	2/4

<p>Distribution Systems(MMDS), and Local Multipoint Distribution Systems (LMDS), fixed satellite systems such as VSAT and earth stations, and mobile services, such as cellular mobile, land mobile, GMPCS, mobile satellite (other than GMPCS), and paging, are also included in the General Radio Spectrum License.¹</p>	<p>(GMPCS) (GMPCS)</p>
<p>4.3 Radio spectrum for broadcasting is not included in this General Radio Spectrum Licensing framework. Radio-based transmission links, such as point-to-point microwave links, and other radio stations used to support a Radiocommunication Systems will continue to be licensed under the TRC's existing Radio Spectrum Licensing Instructions (www.trc.gov.jo/Static_Arabic/conditions-spectrum.shtm).</p>	<p style="text-align: right;">3/4</p> <p style="text-align: center;">:</p> <p style="text-align: center;">www.trc.gov.jo/Static_Arabic/conditions-spectrum.shtm</p>
<p>4.4 The Licensee must comply with any service specific Regulations that apply to the particular Radiocommunication System for which the General Radio Spectrum License is issued.</p>	<p style="text-align: right;">4/4</p>
<p>4.5 Depending on the availability of radio spectrum in Jordan,, the TRC may decide to call for Applications for radio spectrum for a specific Radiocommunication System to be used in the provision of Public</p>	<p style="text-align: right;">5/4</p> <p style="text-align: center;">/</p>

<p>Telecommunication Services and/or the operation of Public Telecommunication Networks, and will notify the public in advance in order for interested parties to have sufficient notice to apply for such licenses. The public notice will include the procedures that the TRC will utilize to award such licenses in the event that multiple applications for specific radio spectrum bands are expected.</p>	
<p>4.6 Applications for an Individual or Class License using Radio Frequencies must be made separately under the relevant procedures.</p>	<p>6/4</p>
<p>4.7 The TRC will aim, as far as possible, that The General Radio Spectrum Licenses shall terminate on the same date as that of the corresponding Individual or Class License. General Radio Spectrum Licenses will be eligible for renewal in accordance with instructions adopted pursuant to Article 38 of the Telecommunications Law. The General Radio Spectrum License renewal shall be subject to such terms and conditions as may be specified by the TRC in its discretion, provided that the Individual or Class License is renewed for the same term and the Licensee is not, and has not been, in material breach of this General Radio Spectrum License or the Individual or Class License.</p>	<p>7/4</p>
<p>4.8 In order to apply for a License,</p>	<p>8/4</p>

<p>the Applicant must be a Jordanian company established under the Companies Law.</p>	
<p>4.9 Parties interested in applying for a License must submit their Applications to the TRC in accordance with the required procedures as outlined in Section 4 of these Instructions.</p>	<p>9/4</p>
<p>4.10 All Licensees will be regulated in accordance with Regulations issued by the TRC.</p>	<p>10/4</p>
<p><u>SECTION 2 : CONDITIONS OF THE LICENSE</u></p>	
<p>Article 5 : Use of Radio Frequencies</p>	
<p>Upon granting the License the Licensee should adhere to the following regarding the use of Radio Frequencies:</p>	
<p>5.1 The Licensee shall take all necessary steps to ensure that the use of the Radio Frequencies does not cause harmful interference to other existing licensed frequencies of radio stations and telecommunications networks operating on a primary basis in the same Radio Frequency band or bands or operating in the same area. The licensee shall conform to the conditions and standards specified in the License including the sites.</p>	<p>1/5</p>

5.2	The radiation limits of the radio emission of the Licensee's Radio Stations and other network equipment must comply with existing TRC Regulations.	2/5
5.3	The Licensee acknowledges that other countries may authorize or permit the use of their radio frequencies in a manner that interferes with the Licensee's use of the Frequencies and that it is the responsibility of the Licensee to report such interference as soon as practicable, in order that the TRC may take measures to deal with such interference. It is the responsibility of the licensee to take all possible technical measures to insure that there is no internal interference within its network prior to submitting interference report to TRC . The Licensee shall use the Frequencies in compliance with all regional inter governmental arrangements in effect that are designed to reduce radio interference among service providers. The TRC shall defend the rights of the Licensee under the General Radio Spectrum License in accordance with the Telecommunications Law. ²	3/5
5.4	In order to comply with international radio spectrum coordination requirements, International Telecommunication Union allocations or re-allocations, or generally in the course of regulating the radio spectrum in the best interests of Jordan, the TRC may reassign Radio Frequencies used by the Licensee or require the Licensee to surrender its rights with respect	4/5

<p>to Radio Frequencies which are not required for the operation of Radiocommunication Systems related to the provision of Public Telecommunications Services and/or the operation of Public Telecommunication Networks. In such cases, the TRC and the Licensee shall consult with each other before any such action is taken and the TRC shall provide the Licensee with adequate time and, where applicable, assign appropriate alternative frequencies, to permit the Licensee to carry on its business without unreasonable costs or disruptions.</p>	<p>/</p>
<p>5.5 The Licensee shall obtain approvals from the TRC in respect of each of its Radio Station sites used for Radiocommunication Systems in advance of site construction. The TRC shall make a decision in respect of any such approvals as soon as possible, but in any event within 30 days, after receipt of an Application by the Licensee, setting out the geographic location coordinates, radiated power, frequency assignments and any other specifications deemed necessary by the TRC. The Licensee shall comply at all times with all applicable construction and other permit requirements.</p>	<p>5/5</p>
<p>5.6 The equipment to which the General Radio Spectrum License relates shall be used only on such Radio Frequencies as may be specified in the General Radio Spectrum License and shall not be used for unlawful purposes or</p>	<p>6/5</p>

<p>misused in any way where the Licensee has knowledge or should reasonably have knowledge of such use or misuse.</p> <p>5.7 The Licensee shall ensure that access to, and use of, the equipment to which the General Radio Spectrum License relates is restricted to the Licensee, employees and agents of the Licensee, and persons authorized by or on behalf of the Licensee, and that such employees or agents are aware of and comply with the relevant terms of the General Radio Spectrum License.</p>	<p style="text-align: right;">7/5</p>
<p>Article 6 : Radio Spectrum Fees :</p>	
<p>6.1 The Licensee shall pay radio spectrum fees in accordance with the prevailing standard TRC tariff. Any radio spectrum fees paid by the Licensee will not be refundable in the case of any surrender, revocation, suspension, or amendment of the General Radio Spectrum License, or a change in the spectrum fee.</p>	<p style="text-align: right;">1/6</p> <p>إذا طرأ تغيير على عوائد الطيف الراديوي، لا يتم إعادة دفع عوائد الطيف التي تم دفعها من قبل المرخص له.</p>
<p>6.2 The radio spectrum license fee for the first year shall be due on the effective date of the General Radio Spectrum License, and shall be calculated proportionately based on the period remaining from that date through the end of the first year. The amount for the first year shall be payable within 30 days from the due date.</p>	<p style="text-align: right;">2/6</p>

<p>Thereafter, the radio spectrum fee becomes due on January 1 of each calendar year of the term of the General Radio Spectrum License and is payable within thirty days of the due date.</p>	
<p>6.3 If additional radio frequencies are required during the year, the additional radio spectrum fees related to the additional frequencies shall be calculated in accordance with the standard radio spectrum tariff of the TRC as the same may be amended from time to time proportionately based on the period remaining from the date of initial operation through the end of the calendar year and becomes due upon the date of initial operation and is payable within 30 days from the due date.</p>	<p>3/6</p>
<p><u>SECTION 3 : FINAL PROVISIONS</u></p>	
<p>Article 7 : Miscellaneous Provisions</p>	
<p>7.1 The Licensee shall undertake to compensate the users of frequencies that need to be evacuated in order to enable the assignment of the required frequencies to the Licensee. Such compensation shall be agreed between the Licensee and the said users under the facilitation of TRC and the negotiation for the compensation between the licensee and the user(s) shall not exceed 6 months after the user (s) has/have need named. Compensation for the evacuation of such frequencies in</p>	<p>1/7</p>

<p>no way grants the Licensee or any other party any rights to use the relevant frequencies absent a General Radio Spectrum License issued by the TRC.</p>	<p style="text-align: right;">2/7</p>
<p>7.2 The Licensee may apply to the TRC for the right to use additional frequencies for Radiocommunication Systems related to the Public Telecommunications Service or Network. The TRC may license additional frequencies to the Licensee pursuant to the General Radio Spectrum License subject to availability and based on demonstrated existing or reasonable projected subscriber demand and an assessment of whether or not the Frequencies are being utilized efficiently. At all times, the Licensee shall implement all commercially reasonable measures to optimize the efficiency and effectiveness of its use of the Frequencies.</p>	<p style="text-align: right;">3/7</p>
<p>7.3 The Licensee shall install, manage and operate the radio-communications and other equipment in its network based on the technical radiation limits as identified by existing TRC regulations,. The radiation limits of the radio emission of the licensee's radio-</p>	<p style="text-align: right;">4/7</p>

<p>communication and other network equipment must comply with existing TRC regulations,</p> <p>7.4 The Licensee shall not assign, transfer, sell or otherwise dispose of the whole or any part of the rights, privileges, or obligations under the General Radio Spectrum License to another Person unless the Licensee has received prior written approval from the TRC.</p>	<p>.</p> <hr/> <p>:</p> <p>:</p> <p>1/8</p>
<p><u>SECTION 4: APPLICATION PROCEDURES</u></p> <p>Article 8 : The Application Process</p> <p>8.1 Applications for the <i>General Radio Spectrum License for Radiocommunication Systems Related to the Integrated Licensing Regime</i> must be made on the appropriate Application Form obtainable from the TRC or from the web site http://www.trc.gov.jo</p> <p>8.2 Applications for radio site construction permission, Radio Stations, and other Radio Spectrum Licenses, if required, can be obtained from the TRC website.</p> <p>8.3 The application process consists of</p>	<p>.http://www.trc.gov.jo</p> <p>2/8</p> <p>.http://www.trc.gov.jo</p> <p>3/8</p> <p>.1</p> <p>:</p> <ul style="list-style-type: none"> • • •

<p>the following stages:</p> <ol style="list-style-type: none"> 1. Completion of all sections of the Application Form, including: <ul style="list-style-type: none"> • the Application Form for a General Radio Spectrum License, • the Commitment Statement, • and all required supporting documents in order to submit the Application. 2. Submission of the Application Form and the materials required in 1 above by mail or in person to: <p style="margin-left: 40px;">The CEO Telecommunications Regulatory Commission (TRC) P.O. Box 850967 Amman 11185 JORDAN</p> 3. Acknowledgement of receipt and validation of the Application by the TRC; 4. Technical evaluation of the Application by the TRC; 5. If an Application is approved by the TRC, an invoice will be issued and the General Radio Spectrum License will be granted on payment of the appropriate radio spectrum license fee. In the case of a refusal to grant a license, the Applicant will be informed and the reason for the refusal outlined. <p>8.4 All Applications will be evaluated on the basis of the information provided on the Application Form and any supplementary</p>	<p>(1) .2</p> <p>:</p> <p>850967 . .</p> <p>11185</p> <p>.3</p> <p>.4</p> <p>.5</p> <p>4/8</p> <p>5/8</p> <p>:</p> <p>•</p> <p>•</p>
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<p>information supplied at the request of the TRC. All decisions of the TRC will be communicated in writing.</p>	
<p>8.5 Applications for the General Radio Spectrum License will be accepted subject to the following conditions:</p> <ul style="list-style-type: none"> • The Application Form completed correctly and in accordance with these instructions; • Commitment Statement signed by the Applicant's designated representative. 	<p>6/8</p>
<p>8.6 The sub-sections that follow will outline the details required in completing the Application Form. It is recommended that the Applicant attach additional information, beyond the minimum requirements of these instructions, to completely describe the system being proposed in the spectrum license Application Form. The Applicant can attach any relevant information from its application for an Individual License.</p>	<p>7/8</p>
<p>8.7 These procedures are made available to help Applicants complete the required Application Forms. If Applicants have any questions or doubts with regards to the application process and/or any information being requested on the Application Forms, please contact the TRC prior to submitting the Application.</p>	<hr style="width: 20%; margin-left: auto; margin-right: 0;"/> <p>8/8</p> <p>9/8</p>
<p><u>General Application Details</u></p> <p>8.8 The Applicant must indicate</p>	<p>10/8</p>

<p>whether the Application being made is for a new General Radio Spectrum License or an amendment or renewal to an existing License already issued to the Applicant;</p>		11/8
<p>8.9 The Applicant must indicate the required frequency band or specific frequencies;</p>		
<p>8.10 For amendments, the Applicant must indicate the license number to which the amendment refers;</p>		
<p>8.11 Where the Application is for an amendment to an existing General Radio Spectrum License, the Applicant must indicate the precise changes which are being proposed and, where appropriate, indicate justification for the changes. Where the changes are of a technical nature which may impact upon the service area, details must be provided of the proposed changes and their impact on the service area.</p>		12/8
<p>8.12 The Applicant must clearly indicate the geographical service area within which the operator intends to provide telecommunications services.</p>		13/8
<p>8.12 The Applicant must clearly indicate the geographical service area within which the operator intends to provide telecommunications services.</p>		14/8
<p><u>Technical Details</u></p>		
<p>8.13 The Applicant should provide a name and code to associate with the Radio Stations, as well as the General Radio Spectrum License;</p>	<p>.(UTM)</p>	15/8
<p>8.14 The exact location of the Radio Stations of the proposed network must be submitted in the form of geographical coordinates. These</p>	<p>()</p>	

<p>coordinates should be in Latitude/ Longitude in accordance with the UTM;</p>	<p style="text-align: right;">16/8</p>
<p>8.15 In addition to the geographical coordinates referred to in the previous point, the altitude above sea level (in meters) of the Radio Stations of the network must be submitted;</p>	<p style="text-align: right;">17/8 (EIRP)</p>
<p>8.16 The maximum bandwidth (kHz/MHz) requested must be indicated. This request must be accompanied by suitable justification;</p>	<p style="text-align: right;">18/8</p> <p style="text-align: center;">:</p> <p>... () •</p>
<p>8.17 The proposed Radio Station's Equivalent Isotropically Radiated Power (EIRP) must be indicated;</p>	<p style="text-align: center;">TDD,) •</p>
<p>8.18 The proposed configuration of the network must be described using the following minimum requirements as a guide:</p> <ul style="list-style-type: none"> • Network topology: Point to multipoint, etc; • Radio Stations equipment manufacturer and model; • Equipment duplexing (e.g. TDD or FDD); • Radio Stations and antenna manufacturer and model; • Antenna gain; • Antenna 3 dB beamwidth in elevation plane; 	<p style="text-align: center;">(FDD •</p> <p style="text-align: center;">3 •</p> <p style="text-align: center;">() •</p> <p style="text-align: center;">) •</p> <p>(Azimuth (•</p> <p style="text-align: center;">360 – 0 Angle) •</p> <p style="text-align: center;">•</p>

<ul style="list-style-type: none"> • antenna pattern to be employed at the Radio stations, antenna polarization (H, V) to be employed, antenna sector sizes (azimuth beamwidth) and the proposed azimuth angle (0 - 360°) of each sector; • Proposed channel bandwidth employed per sector, if applicable; • Proposed antenna down-tilt angle for each sector (in degrees below the horizontal), if applicable. <p><u>Equipment and Antenna Requirements</u></p> <p>8.19 The radiocommunications equipment must comply with TRC Regulations on equipment type approval and radio safety requirements. Information on these requirements may be found on the TRC’s website. It should be noted that these documents are subject to revisions and updates. The Applicant should provide documentary and declaration evidence that the proposed equipment is compliant with these requirements.</p>	<hr/> <p>19/8</p>
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¹ General Radio Spectrum Licenses will only be issued to mobile services in accordance with the provisions of Schedule I of the Public Telecommunications Individual License.

² Interested parties may refer to the TRC website for copies of the Telecommunications Law, as well as for copies of Application Forms, applicable Regulations, and other documents

1 بالنسبة للخدمات المتنقلة فإن الحصول على رخصة عامة للطيف الترددي لن يكون إلا وفقاً للشروط الخاصة بالجدول I لرخصة الاتصالات الفردية العامة

2 يمكن للجهات المهتمة الرجوع الى موقع الهيئة الالكتروني للحصول على نسخ من قانون الاتصالات ونماذج الطلبات والتنظيمات والشروط النافذة وأية وثائق أخرى ذات علاقة.