Pursuant to Article 8, paragraph 1, item 1), Article 23, paragraph 1, Article 86, paragraph 5 and Article 94, paragraph 3 of the Law on Electronic Communications, “Official Gazette of RS”, nos. 44/10, 60/13-CC, 62/14 and 95/18 - other law), Article 12, paragraph 1, item 1) and Article 16, item 4) of the Statute of the Regulatory Agency for Electronic Communications and Postal Services ("Official Gazette of RS", nos. 125/14 and 30/16),

The Managing Board of the Regulatory Agency for Electronic Communications and Postal Services, at the 57th session of the third convocation, held on December 24, 2020, issues the following

RULEBOOK

on application forms for the issuance of individual licences for the use of radio frequencies

Article 1

This Rulebook prescribes the application form for the issuance of an individual license for the use of radio frequencies depending on the type of electronic communications network or service for which the allocation of radio frequencies is required, with the Instruction with mandatory elements of the technical solution depending on the radio-communication service and the line of work to which the technical solution refers, as well as the application forms for issuing an individual license for the use of radio frequencies, namely: on an aircraft, ship and other vessel, for club amateur radio station, for personal amateur radio station, for diplomatic-consular mission, for foreign legal entity, for temporary license for use of radio frequencies, for temporary license for use of radio frequencies to foreign legal entity and radio-amateur license.

Article 2

The request referred to in Article 1 of this Rulebook shall be submitted on the prescribed forms, as follows:

1) ZPD Form– Application form for the issuance of individual licence for the use of radio frequencies;
2) ZPDV Form– Application form for the issuance of individual licence for the use of radio frequencies for radio stations on board of aircraft;
3) ZPDB Form – Application form for the issuance of individual licence for the use of radio frequencies for radio stations on board of ship and/or other vessel;
4) ZPDKA Form – Application form for the issuance of individual licence for the use of radio frequencies for amateur radio club station;
5) ZPDLA Form – Application form for the issuance of individual licence for the use of radio frequencies for personal amateur radio station;
6) ZPD-DKP Form – Application form for the issuance of individual licence for the use of radio frequencies by diplomatic/consular mission;
7) ZPD-SPL Form – Application form for the issuance of an individual licence to foreign legal entities for the use of radio-frequencies;
8) ZPDPR Form – Application form for the issuance of temporary licence for the use of radio frequencies;
9) ZPDPR-SPL Form - Application form for the issuance of a temporary licenceto a foreign legal entity for the use of radio frequencies
10) ZRLA Form – Application form for the issuance of amateur radio licence.

Article 3

Application forms referred to in Article 2 herein, as well as the Instructions with mandatory elements of the technical solution depending on the radiocommunications service and line of work the technical solution applies to, referred to in Article 1 herein, shall be printed with this Rulebook as an integral part thereof.

Article 4

On the day this Rulebook enters into force, the Rulebook on application forms for the issuance of individual licenses for the use of radio frequencies ("Official Gazette of RS", No. 8/11 and 2/14) shall cease to be valid.

Article 5

This Rulebook shall enter into force on the eighth day following its publication in the Official Gazette of the Republic of Serbia.

CHAIRMAN
OF THE MANAGING BOARD

Dragan Kovačević

Ref. no: 1-01-3400-14/20-5

In Belgrade, December 24, 2020

ZPD Form

APPLICATION FORM
FOR THE ISSUANCE OF INDIVIDUAL LICENCE FOR THE USE OF RADIO FREQUENCIES

1.	**BASIC DATA ON THE APPLICANT**	
1.1.	Full name of a legal or natural entity*	
1.2.	Head office and address*	
1.3.	Company registration number or perosnal identity number (natural entity)*	
1.4.	Fiscal ID Number	
1.5.	Telephone/Telefax	
1.6.	Contact person, telephone and E-mail address	
2.	**TYPE OF ELECTRONIC COMMUNICATION SERVICE**	
	☐ F - Fixed ☐ M - Mobile ☐ BC - Broadcast ☐ S - Fixed-satellite ☐ MS - Mobile-satellite ☐ RN - Radio navigation ☐ RD - Radio determination	
3.	**RADIO FREQUENCY DATA**	
3.1.	Radio frequency unit	☐ kHz ☐ MHz ☐ GHz
3.2.	Radio frequency or radio frequency band whose allocation is requested (insert radio frequency or radio frequency band)**	
4.	**NEED AND PURPOSE OF USING RADIO FREQUENCY**	
4.1.	Brief description of needs	
4.2.	Class of radio station	☐ FB - Base station, transmitter ☐ FX - Fixed station ☐ FA - Aeronautical station ☐ MO - Mobile station ☐ ML - Land mobile station ☐ BC - Broadcasting station, sound ☐ BT - Broadcasting station, television ☐ TC - Earth station in the fixed-satellite service

4.3.	Type of network (connection) in the broadcasting service	☐National ☐Provincial ☐Regional ☐Local
4.4.	Type of coverage in the broadcasting service	☐Basic ☐Supplementary
5.	**TIME FRAMES**	
5.1.	Planned beginning of usage	
5.2.	Required period of usage	
6.	**TECHNICAL SOLUTION**	
6.1.	List of radio station/radio relay link locations	
6.2.	Description of technical solution	In the attached technical documentation
6.3.	Data on environmental impact assessment	In the attached technical documentation
7.	**NOTES**	
8.	**ENCLOSURES**	
8.1.	* A photocopy of the ID card or a printed copy of machine read ID (for natural entitirs)	
8.2.	Technical documentation	

**For the broadcasting service, enter the radio frequency/channel obtained through a public tender

Place and date of submission **Signature of the applicant**

_____ _____

ZPDV Form

ЗАХТЕВ
ЗА ИЗДАВАЊЕ ПОЈЕДИНАЧНЕ ДОЗВОЛЕ ЗА КОРИШЋЕЊЕ РАДИО-ФРЕКВЕНЦИЈА ЗА РАДИО СТАНИЦЕ НА ВАЗДУХОПЛОВУ

APPLICATION FORM
FOR THE ISSUANCE OF AN INDIVIDUAL LICENCE FOR THE USE OF RADIO-FREQUENCIES ON AIRCRAFT

ПОДАЦИ О ВЛАСНИКУ ВАЗДУХОПЛОВА *INFORMATION ON AIRCRAFT OWNER*	
Назив правног лица или име и презиме физичког лица* *The full name of the company/organization (legal entity) or Name and surname (natural entity)**	
Седиште и адреса* *Head office or Postal (natural entity) address**	
Матични број правног лица или ЈМБГ физичког лица или број пасоша* *Company registration number, perosnal identity number or* *Passport No. and nationality (natural entity)**	
Порески идентификациони број (ПИБ)* *Fiscal ID number (Contact details for payments) of the company/organization**	
Телефон/Факс *Telephone/Telefax*	
Особа за контакт, телефон и *E-mail* адреса *Name and surname of company/organisation contact person, telephone and email*	
ПОДАЦИ О КОРИСНИКУ ВАЗДУХОПЛОВА ***INFORMATION ON AIRCRAFT OPERATOR***	
Назив правног лица или име и презиме физичког лица* *The full name of the company/organization (legal entity) or Name and surname (natural entity)**	
Седиште и адреса* *Head office or Postal (natural entity) address**	
Матични број правног лица или ЈМБГ физичког лица или број пасоша* *Company registration number, personal identity number or* *Passport No. and nationality (natural entity)**	
Порески идентификациони број (ПИБ)* *Fiscal ID number (Contact details for payments) of the company/organization**	
Телефон/Факс *Telephone/Telefax*	
Особа за контакт, телефон и *E-mail* адреса *Name and surname of company/organisation contact person, telephone and email*	

Државна припадност и регистрацијска ознака ваздухоплова* *Nationality and registration mark of the aircraft**	Позивни знак или други знак идентификације* *Call sign or other identification**	Тип ваздухоплова* *Type of aircraft**

Уређаји** *Equipment***	Произвођач и тип*** *Manufacturer and Type****	Снага (W) *Power****	Врста емисије*** *Class of emission****	Додељене радио-фреквенције*** *Assigned radio-frequencies****
Предајници *Transmitters*				
Предајници на средствима за спасавање *Survival craft transmitters*				
Остали уређаји *** *Other equipment****				

РОКОВИ ***TIME FRAMES***	
Планирани почетак коришћења *Planned beginning of usage (DD.MM.YYYY)*	
Захтевани период коришћења *Requested period of use*	
НАПОМЕНА ***NOTE***	

Напомена (само за страна физичка лица)
Сагласан сам да се за коришћење радио-фреквенција за које се издаје појединачна дозвола по овом захтеву, врши обрачун накнаде у складу са прописима Републике Србије.
Note (natural entity only)
By signing this form, I confirm that I have understood and agreed the individual licence fees shall be paid in accordance with the general by-law of the Republic of Serbia.

Место и датум подношења
Place and Date of submission

Потпис подносиоца захтева
Applicant's signature

Списак докумената које је потребно доставити уз захтев (у табели означен звездицама):
List of documents to be enclosed with the application form (marked with asterisks in the Table):

*Доказ:
**Proof:*

- уверење о регистрацији ваздухоплова;
  certificate of registration;
- решење Агенције за привредне регистре о регистрацији делатности власника (уколико је ваздухоплов у власништву правног лица) или копија личне карте, ако је власник ваздухоплова физичко лице;

company/organisation registration (in case of legal entity) or a photocopy of the passport (if the owner is a natural entity);

- доказ о додељеном ПИБ-у (ако је власник ваздухоплова правно лице);
  proof on the assigned Fiscal ID Number (only in case the aircraft is owned by a legal entity);
- копија пасоша (страно физичко лице)
  Passport photocopy (natural entity)

** Уписати све радио-уређаје који се налазе на ваздухоплову;
** *Please specify all equipment on the aircraft;*

*** Уписати и/или доставити техничке карактеристике сваког радио-уређаја.
*** *Please specify or enclose technical characteristics of each radio-equipment.*

ZPDB Form

APPLICATION FORM
FOR THE ISSUANCE OF INDIVIDUAL LICENCE FOR THE USE OF RADIO FREQUENCIES FOR RADIO STATIONS ON BOARD OF SHIP AND/OR OTHER VESSEL

INFORMATION ON THE OWNER/AUTHORIZED USER OF THE SHIP AND/OR OTHER VESSEL	
The full name of a legal or natural entity*	
Head office or Postal (natural entity) address *	
Company registration number or perosnal identity number (natural entity)*	
Fiscal ID Number *	
Telephone/Telefax	
Name and surname of company/organisation contact person, telephone and email	

Vessel name or registration number**	Call sign**	Service and correspondence category

Transmitters		Number of devices	Radio frequency band or assigned radio frequencies ****
Equipment	Manufacturer and type of device***		
MF/HF			
VHF			
VHF Portable			
UHF			
AIS			
RADAR			
SATELLITE			
Other transmitters***			
Other devices***			

TIME FRAMES	
Planned beginning of usage	
Required period of usage	

NOTE
Place and date of submission _____ **Signature of the applicant** _____

List of documents to be submitted with the application form (marked with asterisks in the table):

*Proof: navigation license/ship's certificate or other proof of vessel ownership (contract on purchase/lease of vessel, decision of the Commercial Court on registration of ownership of the vessel), a photocopy of the identity card or a printed copy of machine read ID (if the owner of the vessel is a natural person);

**Proof: decision of the competent ministry that performs activities in the field of water transport and safety of navigation, on the name and call sign of the vessel;

***Proof: a photocopy of the page with the technical characteristics of each device;

****Enter the appropriate data from the table below:

OVERVIEW OF TRANSMITTERS WITH ASSOCIATED RADIO FREQUENCY BANDS

Transmitter type	**Radio frequency band**	**Designation acc. to ITU**
MF	1605 kHz – 4000 kHz	T
HF	4000 kHz – 27500 kHz	U
VHF	156.025 – 162.975 MHz	V
VHF portable	156.025 – 162.975 MHz	V
UHF deck station	156.025 – 162.975 MHz 156.025 – 162.975 MHz	?
AIS	156.025 – 162.975 MHz	V
RADAR	2920 – 3100 MHz 9320 – 9500 MHz	S X
SATELLITE	Maritime satellite band in accordance with the Radio Frequency Allocation Plan	

In addition, at the request of the Regulatory Agency for Electronic Communications and Postal Services, data required for the registration of the ship to the International Telecommunication Union for the List of Ship Stations (number of lifeboats, type and number of radio buoys for determining the location of the accident with used radio frequency), ship class (general and individual classification), ship station operating time and the like, shall also be submited.

ZPDKA Form

APPLICATION FORM
FOR THE ISSUANCE OF INDIVIDUAL LICENCE FOR THE USE OF RADIO FREQUENCY FOR CLUB AMATEUR RADIO STATION

Filled in by the applicant - an authorized person in the radio club

Information on the holder of an individual license - the owner of radio station		
Name of amateur radio organization		
Registration Number and Fiscal ID Number (TIN)		
Place and zip code		
Street and number		
Telephone and E-mail address		
Call sign		

Radio station location data		
Place and zip code		
Street and number		
Club radio station class*		

Radio station data

Ord. no	Type and manufacturer	Serial number	Power of the transmitter [W]	Radio frequency band or bands [MHz]	Types of emissions
1.					
2.					
3.					
4.					
5.					
6.					

Data on installed antennas

Ord. no	Type of antenna	Manufacturer:	Radio frequency band or bands [MHz]
1.			
2.			
3.			
4.			
5.			
6.			

Enclosure:

- proof of surcharges for issuing licenses for a club amateur radio station.
- confirmation of the Association of Radio Amateurs of Serbia or the Association of Radio Amateurs of Vojvodina on the assignment of the call sign**.

Place and date of submission	**Signature of the applicant**
_____	_____

Note:

*- enter: club, repeater, radio beacon or for digital communications;

**-submit in case of receiving a call sign for the club radio station for the first time.

ZPDLA Form

APPLICATION FORM
FOR THE ISSUANCE OF INDIVIDUAL LICENCE FOR THE USE OF RADIO FREQUENCY FOR PERSONAL AMATEUR RADIO STATION

Filled in by the applicant - the owner of an amateur radio station

Information on the holder of an individual license - the owner of radio station		
Name and surname		
Personal ID Number		
Place and zip code		
Street and number		
Telephone and E-mail address		
Call sign and class of radio amateur		

Radio station location data		
Place and zip code		
Street and number		

Radio station data

Ord. no.	Type and manufacturer	Serial number	Power of the transmitter [W]	Radio frequency band or bands [MHz]	Types of emissions
1.					
2.					
3.					
4.					
5.					
6.					

Data on installed antennas

Ord.. no.	Type of antenna	Manufacturer	Radio frequency band or bands [MHz]
1.			
2.			
3.			
4.			
5.			
6.			

Enclosure:

- a photocopy of the radio amateur licence;
- a photocopy copy of ID card or a printed copy of ID card (with Personal ID No. and residence data);
- proof of payment of the licence issuance fee for a personal amateur radio station.

Place and date of submission	**Signature of the applicant**
_____	_____

ЗАХТЕВ [1)]
ЗА ИЗДАВАЊЕ ПОЈЕДИНАЧНЕ ДОЗВОЛЕ ЗА КОРИШЋЕЊЕ РАДИО-ФРЕКВЕНЦИЈА ДИПЛОМАТСКО-КОНЗУЛАРНОМ ПРЕДСТАВНИШТВУ

APPLICATION FORM [1)]
FOR THE ISSUANCE OF AN INDIVIDUAL LICENCE FOR THE USE OF RADIO-FREQUENCIES BY DIPLOMATIC-CONSULAR MISSION

Дипломатско-конзуларно представништво *Diplomatic-consular mission*					
Адреса *Address*					
Телефон *Telephone*		Телефакс *Telefax*		*E-mail* адреса *email*	
Име и презиме лица (задуженог за коришћење радио станице) *Name and surname of contact person (responsible for the radio station operation)*					
Адреса *Postal address*					
Држављанство *Nationality*		Број пасоша *Passport No.*			
Телефон *Telephone*		Телефакс *Telefax*		*E-mail* адреса *email*	
Захтевани период коришћења *Requested period of use*					

ФИКСНА СЛУЖБА И КОПНЕНА МОБИЛНА СЛУЖБА ***FIXED SERVICE AND LAND MOBILE SERVICE***				
Служба у којој ће се радио станице користити ***Service for which the radio station will be used***				
Врста службе (нпр. фиксна, мобилна) *Type of service (e.g. fixed, mobile service)*				
Техничке карактеристике радио станица ***Technical characteristics for the radio stations***				
Врста станице *Class of station*	**FB**	**FX**	**MO**	**ML/HH**
Радио-фреквенција/е (MHz) *Radio-frequency/-ies (MHz)*				
Потребна ширина радио-фреквенцијског опсега и врста емисије *Necessary radio-frequency bandwidth and Class of emission*				
Снага (W) *Power (W)*				

Тип антене *Antenna type*				
Број радио станица *Number of radio stations required*				
Начин рада (нпр. симплекс, дуплекс, семидуплекс) *Operating method (e. g. simplex, duplex, semiduplex)*				
Фабрички подаци ***Manufacturing data***				
Произвођач *Manufacturer*				
Тип *Type*				
Фабрички бројеви *Serial Nos.*				
Локација ***Location***				
Место, улица и број за FB, FX *Address of location for FB, FX*				
Зона рада за мобилни рад ***Area of operation (mobile)***				
Зона рада (опис) за MO, ML/HH *Area of operation (description) for MO, ML/HH*				
Позивни знаци ***Call signs***				
Предлог позивних знакова *Proposed call signs to be used in Republic of Serbia*				
Сврха коришћења радио станице (описати) ***Purpose of the radio station use (describe)***				
Опис функционисања и конфигурација радио-мреже: ***Description of the operation and configuration of the radio-network:***				
ФИКСНА САТЕЛИТСКА СЛУЖБА И МОБИЛНА САТЕЛИТСКА СЛУЖБА (VSAT и др.) ***FIXED SATELLITE SERVICE AND MOBILE SATELLITE SERVICE (VSAT, etc.)***				
Служба у којој ће се радио станице користити ***Service for which the radio station will be used***				
Врста службе (нпр. фиксна, мобилна) *Type of service (e. g. fixed, mobile service)*				
Техничке карактеристике радио станица ***Technical characteristics for the radio stations***				
Врста станице *Class of station*				
Радио-фреквенција/е (MHz) *Radio-frequency/-ies (MHz)*				
Тип и пречник антене *Antenna type and diameter*				
Максимални e.i.r. p. (dBW) *Maximum e.i.r.p. (dBW)*				
Потребна ширина радио-				

фреквенцијског опсега и врста емисије *Required radio-frequency bandwidth and Class of emission*	
Капацитет (kbit/s) *Data rate of Transmission (kbit/s)*	
Фабрички подаци ***Manufacturing data***	
Произвођач *Manufacturer*	
Тип *Type*	
Фабрички бројеви *Serial Nos.*	
Локација ***Location***	
Место, улица и број *Address of location*	
Сателит (назив и позиција) *Satellite (Name and Position)*	
Сврха коришћења радио станице (описати) ***Purpose of the radio station use (describe)***	

Место и датум подношења ***Place and Date of submission***	**Потпис подносиоца захтева** ***Signature***
_____	_____

[1] Захтев се подноси дипломатским путем у складу са дипломатским протоколом министарства надлежног за спољне послове Републике Србије.

[1] This application form shall be submitted in line with the diplomatic protocol to the ministry in charge of foreign affairs of the Republic of Serbia.

ZPD-SPL Form

ЗАХТЕВ
ЗА ИЗДАВАЊЕ ПОЈЕДИНАЧНЕ ДОЗВОЛЕ
ЗА КОРИШЋЕЊЕ РАДИО-ФРЕКВЕНЦИЈА СТРАНОМ ПРАВНОМ ЛИЦУ

APPLICATION FORM
FOR THE ISSUANCE OF AN INDIVIDUAL LICENCE TO
FOREIGN LEGAL ENTITIES FOR THE USE OF RADIO-FREQUENCIES

Назив компаније/организације *Name of the company /organization*					
Адреса седишта *Address of the Headquarters of the company/organization*					
Телефон *Telephone*		Телефакс *Telefax*		*E-mail* адреса *email*	
Име и презиме лица (задуженог за коришћење радио станице) *Name and surname of contact person (responsible for the radio station operation)*					
Адреса *Postal address*					
Држављанство *Nationality*		Број пасоша *Passport No.*			
Телефон *Telephone*		Телефакс *Telefax*		*E-mail* адреса *email*	
Захтевани период коришћења *Requested period of use*					

ФИКСНА СЛУЖБА И КОПНЕНА МОБИЛНА СЛУЖБА ***FIXED SERVICE AND LAND MOBILE SERVICE***				
Служба у којој ће се радио станице користити ***Service for which the radio station will be used***				
Врста службе (нпр. фиксна, мобилна) *Type of service (e.g. fixed, mobile service)*				
Техничке карактеристике радио станица ***Technical characteristics of the radio stations***				
Врста станице *Class of station*	**FB**	**FX**	**MO**	**ML/HH**
Радио-фреквенција/е (MHz) *Radio-frequency/-ies (MHz)*				
Потребна ширина радио-фреквенцијских опсега и врста емисије: *Necessary radio-frequency bandwidth and Class of emission:*				
Снага (W) *Power (W)*				
Тип антене *Antenna type*				
Број радио станица *Number of radio stations required*				

Начин рада (нпр. симплекс, дуплекс, семидуплекс) *Operating method (e.g. simplex, duplex, semiduplex)*				
Фабрички подаци ***Manufacturing data***				
Произвођач *Manufacturer*				
Тип *Type*				
Фабрички бројеви *Serial Nos.*				
Локација ***Location***				
Место, улица и број за FB, FX *Address of location for FB, FX*				
Зона рада за мобилни рад ***Area of operation (mobile)***				
Зона рада (опис) за MO, ML/HH *Area of operation (description) for MO, ML/HH*				
Позивни знаци ***Call signs***				
Предлог позивних знакова *Proposed call signs to be used in Republic of Serbia*				
Сврха коришћења радио станице (описати) ***Purpose of the radio station use (describe)***				
Опис функционисања и конфигурација радио-мреже ***Description of the operation and configuration of the radio-network***				

ФИКСНА САТЕЛИТСКА СЛУЖБА И МОБИЛНА САТЕЛИТСКА СЛУЖБА (VSAT и др.)

FIXED SATELLITE SERVICE AND MOBILE SATELLITE SERVICE (VSAT, etc.)

Служба у којој ће се радио станице користити ***Service for which the radio station will be used***	
Врста службе (нпр. фиксна, мобилна) *Type of service (e .g. fixed, mobile service)*	
Техничке карактеристике радио станица ***Technical characteristics for the radio stations***	
Врста станице *Class of station*	
Радио-фреквенција/е (MHz) *Radio-frequency/-ies (MHz)*	
Тип и пречник антене *Antenna type and diameter*	
Максимални e.i.r.p. (dBW) *Maximum e.i.r.p. (dBW)*	
Потребна ширина радио-фреквенцијског опсега и врста емисије *Required radio-frequency bandwidth and*	

Class of emission	
Капацитет (kbit/s) *Data rate of Transmission (kbit/s)*	
Фабрички подаци ***Manufacturing data***	
Произвођач *Manufacturer*	
Тип *Type*	
Фабрички бројеви *Serial Nos.*	
Локација ***Location***	
Место, улица и број *Address of location*	
Сателит (назив и позиција) *Satellite (Name and Position)*	
Сврха коришћења радио станице (описати) ***Purpose of the radio station use (describe)***	

Место и датум подношења
Place and Date of submission

Потпис подносиоца захтева
Signature

ZPDPR Form

APPLICATION FORM
FOR THE ISSUANCE OF A TEMPORARY LICENCE
FOR THE USE OF USING RADIO FREQUENCY

1.	**DATA ON THE APPLICANT**	
1.1.	Full name of a legal or natural entity*	
1.2.	Head office and address*	
1.3.	*Company registration number or personal identity number (natural entity)**	
1.4.	Fiscal ID Number *	
1.5.	Telephone/Telefax	
1.6.	Contact person, telephone and E-mail address	
2.	**TYPE OF ELECTRONIC COMMUNICATION SERVICE**	
	☐ **F - Fixed** ☐ **M - Mobile** ☐ **BC - Broadcast** ☐ **S - Fixed-satellite** ☐ **MS - Mobile-satellite**	
3.	**RADIO FREQUENCY DATA**	
3.1.	Radio frequency unit	☐ kHz ☐ MHz ☐ GHz
3.2.	Radio frequency or radio frequency band whose allocation is requested (insert radio frequency or radio frequency band)	
4.	**NEED AND PURPOSE OF USING RADIO FREQUENCY**	
4.1.	Brief description of needs	
4.2.	Type of radio station	☐ **FB** - Base station, transmitter ☐ **FX** - Fixed station ☐ **FA** - Aeronautical station ☐ **MO** - Mobile station ☐ **ML** - Land mobile station ☐ **BC** - Broadcasting station, sound ☐ **BT** - Broadcasting station, television ☐ **TC** - Earth station in the fixed-satellite service
5.	**TIME FRAMES**	
5.1.	Planned beginning of usage	
5.2.	Required period of usage (no longer than 60 days)	
6.	**TECHNICAL SOLUTION**	
6.1.	List of radio station/radio relay link locations	
6.2.	Description of technical solution	In enclosure
7.	**NOTES**	

8.	ENCLOSURES
8.1.	A photocopy of the ID card or a printed copy of machine read ID (for natural entitirs)
8.2.	Technical documentation of equipment for which a temporary licence is required

Place and Date of submission

Signature of the applicant

_____ _____

ZPDPR-SPL Form

ЗАХТЕВ
ЗА ИЗДАВАЊЕ ПРИВРЕМЕНЕ ДОЗВОЛЕ
ЗА КОРИШЋЕЊЕ РАДИО-ФРЕКВЕНЦИЈА СТРАНОМ ПРАВНОМ ЛИЦУ

APPLICATION FORM
FOR THE ISSUANCE OF A TEMPORARY LICENCE TO
FOREIGN ENTITIES FOR THE USE OF RADIO-FREQUENCIES

Назив компаније/организације *Name of the company /organization*					
Адреса седишта *Address of the Headquarter of the company/organization*					
Телефон *Telephone*		Телефакс *Telefax*		*E-mail* адреса *email*	
Име и презиме лица (задуженог за коришћење радио станице) *Name and surname of contact person (responsible for the radio station operation)*					
Адреса *Postal address*					
Држављанство *Nationality*			Број пасоша *Passport No.*		
Телефон *Telephone*		Телефакс *Telefax*		*E-mail* адреса *email*	
Захтевани период коришћења *Requested period of use*					

ФИКСНА СЛУЖБА И КОПНЕНА МОБИЛНА СЛУЖБА

FIXED SERVICE AND LAND MOBILE SERVICE

Служба у којој ће се радио станице користити ***Service for which the radio station will be used***	
Врста службе (нпр. фиксна, мобилна) *Type of service (e.g. fixed, mobile service)*	

Техничке карактеристике радио станица ***Technical characteristics of the radio stations***				
Врста станице *Class of station*	**FB**	**FX**	**MO**	**ML/HH**
Радио-фреквенција/е (MHz) *Radio-frequency/-ies (MHz)*				
Потребна ширина радио-фреквенцијског опсега и врста емисије *Necessary radio-frequency bandwidth and Class of emission:*				
Снага (W) *Power (W)*				
Тип антене *Antenna type*				
Број радио станица *Number of radio stations required*				
Начин рада (нпр. симплекс, дуплекс, семидуплекс) *Operating method (e. g. simplex, duplex, semiduplex)*				

Фабрички подаци ***Manufacturing data***				
Произвођач *Manufacturer*				
Тип *Type*				
Фабрички бројеви *Serial Nos.*				

Локација ***Location***	
Место, улица и број за FB, FX *Address of location for FB, FX*	
Зона рада за мобилни рад ***Area of operation (mobile)***	
Зона рада (опис) за MO, ML/HH *Area of operation (description) for MO, ML/HH*	
Позивни знаци ***Call signs***	
Предлог позивних знакова *Proposed call signs to be used in Republic of Serbia*	
Сврха коришћења радио станице (описати) ***Purpose of the radio station use (describe)***	
Опис функционисања и конфигурација радио-мреже ***Description of the operation and configuration of the radio-network***	

ФИКСНА САТЕЛИТСКА СЛУЖБА И МОБИЛНА САТЕЛИТСКА СЛУЖБА (VSAT и др.)

FIXED SATELLITE SERVICE AND MOBILE SATELLITE SERVICE (VSAT, etc)

Служба у којој ће се радио станице користити ***Service for which the radio station will be used***	
Врста службе (нпр. фиксна, мобилна) *Type of service (e. g. fixed, mobile service)*	
Техничке карактеристике радио станица ***Technical characteristics for the radio stations***	
Врста станице *Class of station*	
Радио-фреквенција/е (MHz) *Radio/frequency/-ies (MHz)*	
Тип и пречник антене *Antenna type and diameter*	
Максимални e.i.r.p. (dBW) *Maximum e.i.r.p. (dBW)*	
Потребна ширина радио-фреквенцијског опсега и врста емисије *Required radio-frequency bandwidth and Class of emission*	
Капацитет (kbit/s) *Data rate of Transmission (kbit/s)*	
Фабрички подаци ***Manufacturing data***	
Произвођач *Manufacturer*	
Тип *Type*	
Фабрички бројеви *Serial Nos.*	
Локација ***Location***	
Место, улица и број *Address of location*	
Сателит (назив и позиција) *Satellite (Name and Position)*	
Сврха коришћења радио станице (описати) ***Purpose of the radio station use (describe)***	

Место и датум подношења
Place and Date of submission

_____

Потпис подносиоца захтева
Signature

_____

ZRLA Form

APPLICATION FORM
FOR THE ISSUANCE OF AMATEUR RADIO LICENCE

Filled in by the applicant	Personal data	Name				
		Surname				
		Personal ID Number		Cinizenship		
	Residence data	Place and zip code				
		Street and number				
		Telephone number and E-mail address				
	Radio amateur data	Radio amateur class		Club member		
		Call sign	Existing:			
			New:			

Enclosure:

- a photocopy of ID card or a printed copy of machine read ID (for natural entitirs) (with Personal ID No. and residence data);
- proof of payment of the locence issuance fee for amateur radio;
- proof of passed professional exam for radio amateur *;
- confirmation of the Association of Radio Amateurs of Serbia or the Association of Radio Amateurs of Vojvodina on the assignment of the call sign**;
- old amateur radio license***;
- for minors: birth certificate and certified written consent of parents.

Place and date of submission	**Signature of the applicant**
_____	_____

Note:

* - submit in case the application form is submitted due to a change of class or obtaining a class for the first time;
** - submit in case the application form is submitted due to a change in the existing or obtaining a call sign for the first time;
*** - submit in case of replacement of amateur radio license.

INSTRUCTIONS
with mandatory elements of the technical solution depending on the radiocommunication service and the line of work the technical solution applies to

The technical solution in the application form for the issuance of an individual license for the use of radio frequencies (paper and electronic) is contained in the technical documentation that is submitted with thementioned application form and is its integral part.

I. TECHNICAL DOCUMENTATION

Technical documentation, in accordance with Art. 126 and 128 of the Law on Planning and Construction ("Official Gazette of RS", No. 72/09, 81/09 - correction, 64/10-CC, 24/11, 121/12, 42/13-CC, 50/13-CC, 98/13-CC, 132/14, 145/14, 83/18, 31/19, 37/19 - other law and 9/20, hereinafter: LPC), may be prepared by a legal entity or an entrepreneur established in accordance with the law, which in accordance with the conditions prescribed by LPC and regulations adopted on its basis is entered in the register for technical documentation kept by the ministry responsible for planning and construction in accordance with LPC, and has employed, i.e. employed licensed engineers, i.e. licensed architects registered in the register of licensed engineers, architects and spatial planners in accordance with the LPC and regulations adopted on the basis of that law with appropriate professional results.

The technical documentation, i.e. the project is signed by the responsible designer, in accordance with the regulation which regulates in more detail the preparation of technical documentation, for the preparation of which he has the appropriate license in accordance with the law and regulations issued on the basis of LPC.

Technical documentation submitted to the Regulatory Agency for Electronic Communications and Postal Services (hereinafter: the Agency) in paper form (with a request for the issuance of an individual license for the use of radio frequencies in paper form) must be properly bound, certified in accordance with law regulates the verification of signatures, as well as signed by the person who prepared the technical documentation and the investor. At the request of the Agency, it is necessary to submit a copy of the said documentation in electronic form.

The technical documentation submitted to the Agency in electronic form (with the request for the issuance of an individual license for the use of radio frequencies in electronic form) must be digitally signed by authorized persons.

For all radiocommunication services, the technical documentation is prepared in accordance with:

1) Law on Electronic Communications ("Official Gazette of RS", No. 44/10, 60/13-CC, 62/14 and 95/18 - other law);

2) Law on Planning and Construction - LPC referred to in paragraph 1 of Chapter I herein;

3) Law on Environmental Protection "Official Gazette of RS", No. 135/04, 36/09, 36/09 - other law, 72/09 - other law, 43/11 - CC, 14/16, 76/18 and 95/18 - other law);

4) Law on Environmental Impact Assessment ("Official Gazette of RS", No. 135/04 and 36/09);

5) Decree on determining the Radio frequency bands Allocation Plan ("Official Gazette of RS", No. 89/20).

The technical documentation shall contain the following:

1) cover page;

2) data on the investor;

3) data on the responsible designer, i.e. on the design organization;

4) laws and bylaws applied in the specific case;

5) statement on the manner of preparation of documentation, signed by the responsible designer;

6) project task;

7) situation of the facility;

8) technical solution;

9) statement on the applied prescribed safety measures at work;

10) decision of the competent authority determining that no impact assessment is required regarding the environment, i.e. the decision of the competent authority on granting consents to an environmental impact assessment study;

11) assessment of the impact on the operation of other radio communication systems;

12) appropriate calculations are required, as well as

13) accompanying graphic documentation.

II. BROADCASTING SERVICE

1. Technical documentation

Technical documentation for the broadcasting service, in addition to the positive legal regulations listed in Chapter I hereof, is prepared in accordance with:

1) Rulebook on determining the Frequency/Location Assignment Plan for terrestrial analogue FM broadcasting stations for the territory of the Republic of Serbia ("Official Gazette of RS", No. 102/16 and 105/20, hereinafter: Assignment Plan for FM broadcasting stations);

2) Rulebook on determining the Frequency Assignment Plan/locations/ allotment areas for terrestrial digital TV broadcasting stations in the UHF band for the territory of the Republic of Serbia ("Official Gazette of RS", No. 73/13, hereinafter: Assignment Plan for DTV broadcasting stations);

3) Rulebook on requirements for determining the protection area for electronic communication networks and associated means, radio corridors and protection areas and manner of performing works during construction of facilities ("Official Gazette of RS", No. 16/12, hereinafter: Rulebook on requirements for determination of the protection area and the manner of performing works);

4) Recommendation of the Radiocommunication Bureau of the International Telecommunication Union ITU-R P.1546-6 - Method for point-area prediction for terrestrial services in the radio frequency range 30 MHz to 3000 MHz;

5) Recommendation of the Radiocommunication Bureau of the International Telecommunication Union ITU-R P.1812-5 - A path-specific propagation prediction method for point-to-area terrestrial services in the VHF and UHF bands;

6) Recommendation of the Radiocommunication Bureau of the International Telecommunication Union ITU-R P.526-15 - Propagation by diffraction;

7) Recommendation of the Bureau of Radiocommunications of the International Telecommunication Union ITU-R BS.412-9 - Planning standards for terrestrial FM sound broadcasting in the VHF band;

8) Recommendation of the Radiocommunication Bureau of the International Telecommunication Union ITU-R BT.1368-13 - Planning criteria, including protection ratios, for digital terrestrial television services in the VHF/UHF bands;

9) Recommendation of the Radiocommunication Bureau of the International Telecommunication Union ITU-R BT.2033-1 - Planning criteria, including protection ratios, for second generation of digital terrestrial television broadcasting systems in the VHF/UHF bands;

10) Recommendation of the Bureau of Radiocommunications of the International Telecommunication Union ITU-R BS.1660-8 - Technical basis for planning of terrestrial digital sound broadcasting in the VHF band;

11) Report of the Radiocommunication Bureau of the International Telecommunication Union ITU-R BT.2254 Frequency & Network Planning Aspects of DVB T2;

12) EBU tech 3348: *Frequency & Network Planning Aspects of DVB T2.*

Technical documentation, for the frequency for FM broadcasting station, which was obtained at the public tender for the issuance of a license for the provision of audio media service, announced by the regulatory body responsible for electronic media, is prepared on the basis of technical and other parameters and data from the Assignment Plan for FM broadcast stations.

Technical documentation for digital terrestrial television is prepared for a defined area and television channel from a defined multiplex (network), which is prescribed by the Assignment Plan for DTV broadcasting stations, based on technical and other parameters from this plan.

The design and implementation of other networks (multiplexes) is realized on the basis of the Rulebook on requirements for determining the protection area and the manner of performing works and technical parameters of networks, which will be determined during the announcement of the public tender.

Technical documentation for digital audio terrestrial broadcasting is prepared for a defined area and radio frequency block from a defined multiplex (network).

2. Technical solution

The technical solution for the broadcasting service shall contain:

1) description of the coverage area calculation method;

2) calculation of the coverage area;

3) antenna data;

4) coverage area;

5) equipment data;

6) filled-out data table.

a) Description of the coverage area calculation method

The application of the statistical method and the deterministic method is recommended. The possible introduction of empirically determined correction factors is acceptable, but only in accordance with the nature of the applied method. The documentation describes only the methods used in the specific example.

b) Calculation of the coverage area

In the directions for which the terrain profiles were made, it is necessary to determine the distance at which, calculated by the adopted method, the field intensity equal to the minimum usable field or usable field was achieved, if this information is known according to the appropriate recommendations. The calculation of the coverage area is performed according to the actual radiation pattern of the antenna system.

c) Antenna data

Antenna data shall contain:

- description and characteristics of the antenna;
- disposition of individual antennas and antenna power supply system;
- antenna diagram and antenna system gain, in relation to half-wave dipole;
- calculated losses in the transmission path.

d) Coverage area

The coverage area is drawn on a geographical map of appropriate drawing scale, not less than 1:200 000, or 1:100 000 for low power transmitters (drawing size not less than A3 format). Scale and ration must be entered on the drawing.

e) Equipment data

The data on the equipment contain a description and technical characteristics of the equipment, which will be used to realize the required radiation diagram and radiated power.

f) Data table

The filled-out data table given below must be attached to the technical documentation. It is necessary to fill in all required data in the table. The geographical coordinates of the location of the radio station for which the use of radio frequency is required must be given in the WGS84 system (WGS84 coordinates must be determined precisely using GPS).

Ref. no.	90216 - Transmitting radio frequency in MHz	90225 - Radio frequencies in relation to the limits of the radio frequency band (receiving, reserve, etc.) in MHz	Type of radio frequency (P-pair, S-single, R-band)
1.			

Code	Position	Value
90240	Type of radio station	
90244	Type of radio service	
90301	Postal code	
90307	Name of the location of the transmitter	
90326.1	Greenwich Longitude (WGS coordinates)	
90326.2	Greenwich Latitude (WGS coordinates)	
90341	Altitude (m)	
90345	Call sign	
90407	Radio frequency bandwidth occupied by the emission, type of emission	
90419	Power code	
90420	Power unit	
90421	Power value	
90507	Transmitting antenna height above ground (m)	
90511	Effective transmitting antenna height (m)	
90519	Transmitting antenna type	
90522	Polarization	
90523	Transmitting antenna directivity	
90525	Azimuth of maximum radiation	
90528	Angle of width of the main beam of the transmitting antenna	
90531	Transmitting antenna/antenna system gain (dB)	
90536	Front-to-back ratio (dB)	
90827	Operating hours	
90835	Maximum operating hours of the radio station	
90840	Radio station mobility	
90842	Number of radio stations in the network	
	Indicative desired coverage area (according to the public competition of the regulatory body responsible for electronic media), e.g. Lr49 or the name of the distribution area	
	The radio station is standalone or in the network	
Working range		
90541	Lower limit of the radio frequency range	
90547	Upper limit of the radio frequency range	

Azimuth	Attenution for horizontal component (in dB)	Attenuation for vertical component (in dB)	Effective antenna height (m)
0			
10			
20			
30			
40			
50			
60			
70			
80			
90			
100			
110			
120			
130			
140			
150			
160			
170			
180			
190			
200			
210			
220			
230			
240			
250			
260			
270			
280			
290			
300			
310			
320			
330			
340			
350			

III. MOBILE SERVICE AND FIXED SERVICE IN FUNCTIONAL SYSTEMS

For the purposes of this Rulebook, a functional system means a private radio system with a channel spacing of up to 25 kHz in the radio frequency range from 30 MHz to 1 GHz.

1. Technical documentation

Technical documentation for mobile service and fixed service service, in addition to the positive legal regulations listed in Chapter I herein, is prepared in accordance with:

1) Frequency Allotment plan for GSM/DCS 1800 radio system ("Official Gazette of RS", No. 17/08 and 112/14 - other regulations);

2) Rulebook on determining the Radio Frequency Allotment Plan for operation in the radio frequency bands 1710-1785/1805-1880 MHz ("Official Gazette of RS", No. 112/14 and 125/14);

3) Rulebook on determining the Radio Frequency Allotment Plan for operation in the frequency bands 791-821/832-862 MHz ("Official Gazette of RS", No. 94/14);

4) Frequency Allotment Plan for UMTS/IMT-2000 radio system ("Official Gazette of RS", No. 17/08);

5) Frequency Allotment Plan for radio systems in the frequency band 410-420/420-430 MHz ("Official Gazette of RS", No. 8/09);

6) Rulebook on determining the Radio Frequency Allotment Plan in the radio frequency band 2500-2690 MHz ("Official Gazette of RS", No. 129/20);

7) Rulebook on determining the Radio Frequency Allotment Plan in the radio frequency band 3400-3800 MHz ("Official Gazette of RS", No. 129/20);

8) Individual plans for the distribution of radio frequencies by services (health, fire service, electricity, electricity distribution, hail defense, etc.);

9) The Rulebook on the requirements for determining the protection area and the manner of performing the works specified in Chapter II. section 1, item 3) hereof;

10) Recommendation of the Radiocommunication Bureau of the International Telecommunication Union ITU-R P.1546-6: Point-area prediction method for terrestrial services in the frequency range 30 MHz to 3000 MHz;

11) Recommendation of the Radiocommunication Bureau of the International Telecommunication Union ITU-R P.526-15: Propagation by diffraction;

12) Rulebook on technical and operational conditions under which radio stations can be used for frequency or phase modulated radio-telephone emissions ("Official Gazette of SFRY", No. 28/81, 42/82 and 64/86).

2. Technical solution

Technical solution for mobile and fixed service in functional systems shall contain the following:

1) description of the user's need for radio links (except for public mobile);

2) conceptual solution of the radio communication system (except for public mobile);

3) method of calculating the coverage area of the base radio station;

4) description and technical characteristics of the antenna system;

5) description and technical characteristics of the device and associated equipment;

6) analysis of possible mutual interference of radio stations within the proposed system (except for public mobile);

7) method of operation of radio stations in the radio network (except for public mobile);

8) filled-out data table.

a) Description of the user's need for radio connections (except for public mobile);

This includes a description of the work technology of the users for whose needs the radio link is established. Within the work technology, it is defined who should exchange information with whom by radio, the character and type of information, the number and average duration of information and the necessary number of information that is exchanged at the same time, as well as the territory covered by the expressed work technology.

b) Conceptual solution of the radio communication system (except for public mobile)

This defines the types of radio networks (simplex, semi-duplex, duplex, integration of several radio networks, etc.), with a schematic representation of the radio system and an estimate of the density of radio traffic. The conceptual solution of the radio communication system should satisfy the expressed needs for radio communications and rationality in the use of intended radio frequencies, as well as to ensure the technical and technological unity of the radio communication system at the level of activity (if necessary).

c) Method of calculating the coverage area of the base radio station

The use of the statistical method, as described in ITU-R P. 1546-6 and the deterministic method, as described in ITU-R P. 526-15 is recommended. The possible introduction of empirically determined correction factors is acceptable, but only in accordance with the nature of the applied method. The documentation describes only the methods used in the specific example. The calculation of the coverage area is performed for the minimum usable field, according to the relevant regulations, with the actual radiation pattern of the antenna system and is given in tabular form (except for public mobile), and shows on a map appropriate drawing scale - network that is displayed. Scale and ration must be entered on the drawing. It is desirable that the coverage area be drawn on a background of A3 format or larger, in the case of radio networks of regional or national importance.

d) Description and technical characteristics of the antenna system

This includes the technical specification of the antennas, antenna type, polarization, gain, directivity, azimuth of maximum radiation, main beam width angle, elevation angle, – front-to-back ratio, etc. For directional antennas, the antenna diagram and the gain of the antenna system must be presented in graphical and numerical form, in relation to the half-wave dipole.

e) Method of operation of radio stations in the radio network (except for public mobile)

This shall include:

- description of the technology of work with the method of establishing radio links (PL tone, selective call, identification, time limit of calls), as well as special conditions for operation of several radio stations on one microlocation, and
- the number of radio stations in radio networks, by types and their technical characteristics.

f) Data table

The filled-out data table given below must be attached to the technical documentation. It is necessary to fill in all required data in the table. Geographic coordinates must be given in the WGS84 system (WGS84 coordinates determined precisely using GPS).

Ref. no.	90216 - Transmitting radio frequencies in MHz	90225 - Radio frequencies in relation to the upper limits of the radio frequency band (receiving, reserve, etc.) in MHz	Type of radio frequency (P-pair, S-single, R-band)
1.			
2.			

Code	Position	Value
90240	Type of radio station	
90244	Type of radio service	
90301	Postal code	
90307	Name of the location of the transmitter	
90326.1	Greenwich Longitude (WGS coordinates)	
90326.2	Greenwich Latitude (WGS coordinates)	
90341	Altitude (m)	
90407	Radio frequency bandwidth occupied by the emission, type of emission	
90419	Power code	
90420	Power unit	
90421	Power value	
90507	Transmitting antenna height above ground (m)	
90519	Transmitting antenna type	
90522	Polarization	
90523	Transmitting antenna directivity	
90525	Azimuth of maximum radiation	
90528	Angle of width of the main beam of the transmitting antenna	
90531	Transmitting antenna/antenna system gain (dB)	
90533	Elevation angle of the main beam	
90827	Operating hours	
90840	Radio station mobility	
Working range		
90541	Lower limit of the radio frequency range	
90547	Upper limit of the radio frequency range	

IV. FIXED SERVICE

1. Technical documentation for fixed service (radio-relay links)

Technical documentation for the fixed service (radio-relay links), in addition to the positive legal regulations listed in Chapter I hereof, is prepared in accordance with:

1) The Rulebook on the requirements for determining the protection area and the manner of performing the works specified in Chapter II. section 1, item 3) hereof;

2) Recommendation of the Radiocommunication Bureau of the International Telecommunication Union ITU-R P.530-16: Propagation data and prediction methods required for the design of terrestrial line-of-sight systems;

3) Recommendation of the Radiocommunication Bureau of the International Telecommunication Union ITU-R P.676-12: Attenuation by atmospheric gases and related effects;

4) Recommendation of the Radiocommunication Bureau of the International Telecommunication Union ITU-R P.838-3: Specific attenuation model for rain for use in prediction methods;

5) Recommendation of the Radiocommunication Bureau of the International Telecommunication Union ITU-R P.525-4: Calculation of free-space attenuation;

6) Recommendation of the Radiocommunication Bureau of the International Telecommunication Union ITU-R F.1668-1: Error performance objectives for real digital fixed wireless links used in 27 500 km hypothetical reference paths and connections

7) Recommendation of the Radiocommunication Bureau of the International Telecommunication Union ITU-R F.1703-0: Availability objectives for real digital fixed wireless links used in 27 500 km hypothetical reference paths and connections

2. Technical documentation for fixed service (public FWA network)

Technical documentation for the fixed service (FWA), in addition to the positive legal regulations listed in Chapter I hereof, is prepared in accordance with:

1) Recommendation of the Radiocommunication Bureau of the International Telecommunication Union ITU-R P.1546-4: Point-area prediction method for terrestrial services in the frequency range 30 MHz to 3000 MHz;

2) Recommendation of the Radiocommunication Bureau of the International Telecommunication Union ITU-R P.526-11: Propagation by diffraction;

3. Technical solution for fixed service (radio-relay links)

Technical solution for fixed service (radio-relay links) shall contain the following:

1) description of the purpose of the radio-relay link/links;

2) path profile;

3) basic technical characteristics of radio-relay devices and antenna system (antenna type, antenna diagram, etc.);

4) a brief description of the signal quality calculation method with the adopted initial technical parameters and prescribed norms for transmission quality and reliability of the envisaged radio-relay link;

5) calculation of the quality and reliability of the radio-relay link with an explanation of the fulfillment of the prescribed norms and the time of reliability of the link (it is necessary to present the calculation results for each path in a table);

6) filled-out data table.

a) Data table

The filled-out data table given below must be attached to the technical documentation. In the table, the field marked with an asterisk must be filled in. Geographic coordinates must be given in the WGS84 system (WGS84 coordinates determined precisely using GPS).

Ref. no.	90216 - Transmitting radio frequencies in MHz	90225 - Radio frequencies in relation to the upper limits of the radio frequency band (receiving, reserve, etc.) in MHz	Type of radio frequency (P-pair, S-single, R-band)
1.			

Code	Position	Value
90235	Channel number	
90240	Type of radio station* (for fixed station enter FX)	
90244	Type of radio service*	
90301	Postal code*	
90307	Name of the location of the transmitter*	
90326.1	Greenwich Longitude (WGS coordinates)*	
90326.2	Greenwich Latitude (WGS coordinates)*	
90341	Altitude (m)*	
90345	Radio frequency bandwidth occupied by the emission, type of emission*	
90419	Power code*	
90420	Power unit*	
90421	Power value*	
90507	Transmitting antenna height above ground (m)*	
90511	Effective transmitting antenna height (m)*	
90519	Transmitter antenna type* (e.g. parabolic)	
90522	Polarization*	
90523	Transmitting antenna directivity *	
90525	Azimuth of maximum radiation*	
90528	Angle of width of the main beam of the transmitting antenna*	
90531	Transmitting antenna/antenna system gain (dB)*	
90533	Elevation angle of the main beam*	
90536	Front-to-back ratio (dB)*	
90827	Operating hours (e.g. 002499CA, if continuous operation throughout the year)	
90835	Maximum operating hours of the radio station*	
90840	Radio station mobility* (in case of fixed land station enter FL)	
	Station type* (transmitter, receiver)	
	Link capacity - additional data (Mbit/s)*	
	Attenuation from transmitter to antenna connector (dB)*	
	Antenna subtypes* (e.g. VHLP	
	Antenna type* (e.g. VHLP2-23)	
	Antenna diameter* (m)	
	Configuration*	
	Link distance (km)*	
90910	Is it a stand by device*	

Working range		
90541	Lower limit of the radio frequency range*	
90547	Upper limit of the radio frequency range*	

4. Technical solution for fixed service (public FWA network)

Technical solution for fixed service (public FWA network) shall contain the following:

1) information on the work description (purpose, block diagram, connection, etc.);

2) basic technical characteristics of radio-relay devices and antenna system (antenna type, radiation diagram, etc.);

3) description of the coverage area calculation method;

4) calculation of the required transmitter power and the required radiated power, calculation of the spatial distribution of the electromagnetic field, graphical representation of the transmitter coverage zone on a geographical map of appropriate drawing scale adjusted to the size of the FWA radio station coverage zone. The calculation of the coverage zone is performed according to the actual radiation pattern of the antenna system. The use of the statistical method, as described in ITU-R P. 1546-4 and the deterministic method, as described in ITU-R P. 526-11 is recommended.

5) filled-out data table.

a) Data table

The filled-out data table given below must be attached to the technical documentation. It is necessary to fill in all required data in the table. Geographic coordinates must be given in the WGS84 system (WGS84 coordinates determined precisely using GPS).

Ref. no.	90216 - Transmitting radio frequencies in MHz	90225 - Radio frequencies in relation to the upper limits of the radio frequency band (receiving, reserve, etc.) in MHz	Type of radio frequency (P-pair, S-single, R-band)
1.			
2.			

Code	Position	Value
90240	Type of radio station* (e.g. for fixed station enter FX, for base station enter FB)	
90244	Type of radio service	
90301	Postal code	
90307	Name of the location of the transmitter	
90326.1	Greenwich Longitude (WGS coordinates)	
90326.2	Greenwich Latitude (WGS coordinates)	
90341	Altitude (m)	
90407	Radio frequency bandwidth occupied by the emission, type of emission	
90419	Power code	
90420	Power unit	
90421	Power value	
90507	Transmitting antenna height above ground (m)	
90511	Effective transmitting antenna height (m)	
90519	Transmitting antenna type	
90522	Polarization	

90523	Transmitting antenna directivity	
90525	Azimuth of maximum radiation	
90528	Angle of width of the main beam of the transmitting antenna	
90531	Transmitting antenna/antenna system gain (dB)	
90533	Elevation angle of the main beam	
90536	Front-to-back ratio	
90827	Operating hours (e.g. 002499CA, if continuous operation throughout the year)	
90840	Radio station mobility* (in case of fixed land station enter FL)	
Working range		
90541	Lower limit of the radio frequency range	
90547	Upper limit of the radio frequency range	

V. SATELLITE SERVICE

1. Technical documentation

Technical documentation for the satellite service, in addition to the positive legal regulations listed in Chapter I hereof, is prepared in accordance with:

1) Recommendation of the Radiocommunication Bureau of the International Telecommunication Union ITU-R S.521-4: Hypothetical reference digital paths for systems using digital transmission in the fixed-satellite service;

2) Recommendation of the Radiocommunication Bureau of the International Telecommunication Union ITU-R S.524-9: Maximum permissible levels of off-axis e.i.r.p. density from earth stations in geostationary-satellite orbit networks operating in the fixed-satellite service transmitting in the 6 GHz, 13 GHz, 14 GHz and 30 GHz frequency bands;

3) Recommendation of the Radiocommunication Bureau of the International Telecommunication Union ITU-R S.579-6: Availability objectives for a hypothetical reference circuits and hypothetical reference digital paths when used for telephony using pulse code modulation, or as part of an integrated services digital network hypothetical reference connection, in the fixed-satellite service operating below 15 GHz;

4) Recommendation of the Radiocommunication Bureau of the International Telecommunication Union ITU-R S.614-4: Allowable error performance for a satellite hypothetical reference digital path in the fixed-satellite service operating below 15 GHz when forming part of an international connection in an integrated services digital network;

5) Recommendation of the Radiocommunication Bureau of the International Telecommunication Union ITU-R S.1062-4: Allowable error performance for a satellite hypothetical reference digital path operating below 15 GHz;

6) Recommendation of the Radiocommunication Bureau of the International Telecommunication Union ITU-R P.618-10: Propagation data and prediction methods for the design of Earth-to-space telecommunications systems;

7) Recommendation of the Radiocommunication Bureau of the International Telecommunication Union for VSAT; ITU-R S.725, ITU-R S.726-1;

8) Appendix 7, Part II of the Radio Regulations (Appendix 7, RR Vol.II) - Methods for determining the coordination zone around the earth station in the frequency bands between 100 MHz and 105 GHz;

9) Recommendation of the Radiocommunication Bureau of the International Telecommunication Union ITU-R P.1546-4: Point-area prediction method for terrestrial services in the frequency range 30 MHz to 3000 MHz;

2. Technical solution for radio station in satellite service (for earth station)

Technical solution for radio station in satellite service (for earth station) shall contain the following:

1) information on the work description (purpose, block diagram, connection, etc.);

2) basic technical characteristics of transceiverand antenna system (antenna type, radiation diagram, etc.);

3) a brief description of the signal quality calculation method with the adopted initial technical parameters of the device and associated equipment;

4) calculation of the required transmitter power and radiated power, as well as the results of the calculation of the satellite uplink and downlink (give the results of the calculation in a table);

5) coordination zones (in accordance with Appendix 7, Part II of the Radio Regulations) for the transmission and reception of the earth station;

6) filled-out data table.

a) Data table

The filled-out data table given below must be attached to the technical documentation. It is necessary to fill in all required data in the table. Geographic coordinates must be given in the WGS84 system (WGS84 coordinates determined precisely using GPS).

Ref. no.	90216 - Transmitting radio frequencies in MHz	90225 - Radio frequencies in relation to the upper limits of the radio frequency band (receiving, reserve, etc.) in MHz	Type of radio frequency (P-pair, S-single, R-band)
1			

Code	Position	Value
90240	Type of radio station (e.g. TS - Earth station in the fixed satellite service)	
90244	Type of radio service	
90301	Postal code	
90307	Name of the location of the transmitter	
90326.1	Greenwich Longitude (WGS coordinates)	
90326.2	Greenwich Latitude (WGS coordinates)	
90341	Altitude (m)	
90407	Radio frequency bandwidth occupied by the emission, type of emission	
90419	Power code	
90420	Power unit	
90421	Power value	
90507	Transmitting antenna height above ground (m)	
90519	Transmitting antenna type (e.g. parabolic)	
90522	Polarization	
90523	Transmitting antenna directivity	
90525	Azimuth of maximum radiation	
90528	Angle of width of the main beam of the transmitting antenna	
90531	Transmitting antenna/antenna system gain (dB)	
90536	Elevation angle of the main beam	

90827	Operating hours (e.g. 002499CA, if continuous operation throughout the year)	
90835	Maximum operating hours of the radio station	
90840	Radio station mobility (in case of fixed land station enter FL)	
	Station type (transmitter, receiver) Link capacity - additional data (Mbit/s)	
	Attenuation from transmitter to antenna connector (dB)	
	Antenna diameter (m)	
	Satellite name and position	
Working range		
90541	Lower limit of the radio frequency range	
90547	Upper limit of the radio frequency range	

3. Technical solution for radio station in the satellite service (for CGC - Complementary Ground Component radio station in the mobile satellite service)

Technical solution for CGC (Complementary Ground Component) radio station in the mobile satellite service shall contain the following:

1) information on the work description (purpose, block diagram, connection, etc.);

2) basic technical characteristics of transceiver and antenna system (antenna type, radiation diagram, etc.);

3) description of the coverage area calculation method;

4) calculation of the required transmitter power and the required radiated power, calculation of the spatial distribution of the electromagnetic field, graphical representation of the transmitter coverage zone on a geographical map of appropriate drawing scale adjusted to the size of the CGC radio station coverage zone. The calculation of the coverage zone is performed according to the actual radiation pattern of the antenna system;

5) filled-out data table.

a) Data table

The filled-out data table given below must be attached to the technical documentation. It is necessary to fill in all required data in the table. Geographic coordinates must be given in the WGS84 system (WGS84 coordinates determined precisely using GPS).

Ref. no.	90216 - Transmitting radio frequencies in MHz	90225 - Radio frequencies in relation to the upper limits of the radio frequency band (receiving, reserve, etc.) in MHz	Type of radio frequency (P-pair, S-single, R-band)
1.			
2.			

Code	Position	Value
90240	Type of radio station* (e.g. for base station enter FB)	
90244	Type of radio service	
90301	Postal code	
90307	Name of the location of the transmitter	
90326.1	Greenwich Longitude (WGS coordinates)	
90326.2	Greenwich Latitude (WGS coordinates)	
90341	Altitude (m)	
90407	Radio frequency bandwidth occupied by the emission, type of emission	
90419	Power code	
90420	Power unit	
90421	Power value	
90507	Transmitting antenna height above ground (m)	
90511	Effective transmitting antenna height (m)	
90519	Transmitting antenna type (e.g. panel)	
90522	Polarization	
90523	Transmitting antenna directivity	
90525	Azimuth of maximum radiation	
90528	Angle of width of the main beam of the transmitting antenna	
90531	Transmitting antenna/antenna system gain (dB)	
90533	Elevation angle of the main beam	
90536	Front-to-back ratio	
90827	Operating hours (e.g. 002499CA, if continuous operation throughout the year)	
90840	Radio station mobility (in case of fixed land station enter FL)	
Working range		
90541	Lower limit of the radio frequency range	
90547	Upper limit of the radio frequency range	

VI. RADIO DETERMINATION SERVICE

1. Technical documentation

Technical documentation for the radio determination service, in addition to the positive legal regulations listed in Chapter I heerof, shall be prepared in accordance with:

1) Recommendation of the Radiocommunication Bureau of the International Telecommunication Union ITU-R P.1546-4: Point-area prediction method for terrestrial services in the frequency range 30 MHz to 3000 MHz;

2) Recommendation of the Radiocommunication Bureau of the International Telecommunication Union ITU-R P.528-4: A propagation prediction method for aeronautical mobile and radionavigation services using the VHF, UHF and SHF bands.

2. Technical solution

Technical solution for radio station in the radio determination service shall contain the following:

1) information on the work description (purpose, block diagram, connection, etc.);

2) basic technical characteristics of devices and antenna system (antenna type, antenna diagram, etc.);

3) description of the coverage area calculation method;

4) calculation of the required transmitter power and the required radiated power, calculation of the spatial distribution of the electromagnetic field, graphical representation of the transmitter coverage zone on a geographical map of appropriate drawing scale adjusted to the size of radio station coverage zone. The calculation of the coverage zone is performed according to the actual radiation pattern of the antenna system;

5) filled-out data table.

a) Data table

The filled-out data table given below must be attached to the technical documentation. It is necessary to fill in all required data in the table. Geographic coordinates must be given in the WGS84 system (WGS84 coordinates determined precisely using GPS).

Ref. no.	90216 - Transmitting radio frequencies in MHz	90225 - Radio frequencies in relation to the upper limits of the radio frequency band (receiving, reserve, etc.) in MHz	Type of radio frequency (P-pair, S-single, R-band)
1.			
2.			

Code	Position	Value
90240	Type of radio station (e.g. for radio station in the meteorological service enter SM)	
90244	Type of radio service	
90301	Postal code	
90307	Name of the location of the transmitter	
90326.1	Greenwich Longitude (WGS coordinates)	
90326.2	Greenwich Latitude (WGS coordinates)	
90341	Altitude (m)	
90407	Radio frequency bandwidth occupied by the emission, type of emission	
90419	Power code	
90420	Power unit	
90421	Power value	
90507	Transmitting antenna height above ground (m)	
90519	Transmitting antenna type	
90522	Polarization	
90523	Transmitting antenna directivity	
90523	Azimuth of maximum radiation	
90528	Angle of width of the main beam of the transmitting antenna	
90531	Transmitting antenna/antenna system gain (dB)	
90533	Elevation angle of the main beam	
90536	Front-to-back ratio	
90827	Operating hours (e.g. 002499CA, if continuous operation throughout the year)	
90840	Radio station mobility (in case of fixed land station enter FL)	
Working range		
90541	Lower limit of the radio frequency range	
90547	Upper limit of the radio frequency range	