Armenia

QUESTIONNAIRE – PART I

(To be completed by both Administrations and Sector members, if relevant)
Specific Questions on National Radio Frequency Spectrum Management

1 Information on national radio frequency spectrum allocations: 29.7-960 MHz

a) If you have published a National Table of Radio Frequency Spectrum Allocations, please submit a copy (either in electronic, or printed form, or both) of that table along with your responses to the attached questionnaire.

b) If you do not have a national frequency allocations table available, the attached modified extract from Article S.5 of the Radio Regulations may be used to indicate general information on how this range of frequencies is used by your administration within your national borders.

In using the attached modified extract of the International Frequency Allocations table presented in the excerpt from the Radio Regulations Article S.5, you, as a respondee from an administration or industry, are invited to enter the following information. In the column designated "National Allocations", respondees from administrations are requested to enter the name of the radiocommunications service (using the ITU terminology given in Article S1 of the Radio Regulations, such as FIXED, MOBILE, space research, radio astronomy...) that is allocated use of a given frequency band. In the column designated "Remarks",

1) respondees from administrations are invited to enter further technical specifications, if any, that have been established nationally for a given band such as channel spacing, limitations on radiated signal power...; and

2) respondees from industry are invited to enter the operating parameters such as channel spacing, radiated signal power capabilities,..., of products available for operation in a given frequency band.

2 Identification of a focal point regarding correspondence on this questionnaire (Parts I and II)

Please identify a focal point in your administration/organization who could provide a response to further correspondence regarding this questionnaire (see hereafter).

FOCAL POINT REGARDING CORRESPONDENCE ON THIS QUESTIONNAIRE

(PARTS I AND II)

1.	Mr. [X]	**ANDREASSYAN**	**ARTHUR**
	Ms [ ]	Family Name	First Name
2.	Country	**REPUBLIC OF ARMENIA (ARM)**	
3.	Name of the Administration/Organization	**ARMENIA / REPUBLICAN CENTRE OF TELECOMMUNICATIONS SCJSC OF MINISTRY OF POSTS AND TELECOMMUNICATIONS OF REPUBLIC OF ARMENIA**	
4.	Title	**ADMINISTRATIVE DIRECTOR**	
5.	Address	**2, MKHITAR HERATSI STR., YEREVAN, 375025, REPUBLIC OF ARMENIA**	
6.	Tel.: **(3742) 52 79 22**	Fax: **(3742) 52 60 32**	E-Mail: **N/A**

To be returned no later than ***31 January 2000*** *to:*
ITU-D Study Groups Secretariat
Telecommunication Development Bureau
Fax: +41 22 730 54 84
E-Mail: devsg2@itu.int

Section IV – Table of Frequency Allocations (extract from the RR, 1998)

Read only			To be completed	
Allocation to services				
Region 1	**Region 2**	**Region 3**	**National Allocation**	**Remarks**

27.5-47 MHz

27.5-28	METEOROLOGICAL AIDS FIXED MOBILE	**27.5-28 METEOROLOGICAL AIDS, FIXED, MOBILE**	**JU 77**
28-29.7	AMATEUR AMATEUR-SATELLITE	**28-29.7 AMATEUR, AMATEUR_SATELLITE**	**JU 77**
29.7-30.005	FIXED MOBILE	**29.7-30.005 FIXED, MOBILE**	**JU**
30.005-30.01	SPACE OPERATION (satellite identification) FIXED MOBILE SPACE RESEARCH	**30.005-30.01 SPACE OPERATION (satellite identification), FIXED**	**JU**
30.01-37.5	FIXED MOBILE	**30.01-40.98 FIXED, MOBILE**	**JU 63, 64, 79, 80, 81, 82**
37.5-38.25	FIXED MOBILE Radio astronomy S5.149		
38.25-39.986	FIXED MOBILE		

Read only			To be completed	
Allocation to services				
Region 1	Region 2	Region 3	National Allocation	Remarks
39.986-40.02	FIXED MOBILE Space research			
40.02-40.98	FIXED MOBILE S5.150			
40.98-41.015	FIXED MOBILE Space research S5.160 S5.161		**40.98-48.5** **FIXED,** **MOBILE**	**JU** **80, 82, 83, 84**
41.015-44	FIXED MOBILE S5.160 S5.161			
44-47	FIXED MOBILE S5.162 S5.162A			

47-75.2 MHz

47-68 BROADCASTING	**47-50** FIXED MOBILE	**47-50** FIXED MOBILE BROADCASTING	**48.5-56.5** **Broadcasting (TV)**	**CU** **85**
	50-54 AMATEUR S5.166 S5.167 S5.168 S5.170			

Read only			To be completed	
Allocation to services				
Region 1	**Region 2**	**Region 3**	**National Allocation**	**Remarks**
S5.162A S5.163 S5.164 S5.165 S5.169 S5.171	**54-68** BROADCASTING Fixed Mobile S5.172	**54-68** FIXED MOBILE BROADCASTING	**56.5-58** **FIXED,** **LAND MOBILE**	**CU** **84, 86, 87, 88**
			58-66 **Broadcasting (TV)**	**CU** **85, 88, 89, 90**
			66-68 **Broadcasting (Sound)**	**JU** **88, 90**
68-74.8 FIXED MOBILE except aeronautical mobile S5.149 S5.174 S5.175 S5.177 S5.179	**68-72** BROADCASTING Fixed Mobile S5.173	**68-74.8** FIXED MOBILE S5.149 S5.176 S5.179	**68-74** **Broadcasting (Sound)**	**JU** **63, 88, 90, 91, 93**
	72-73 FIXED MOBILE			
	73-74.6 RADIO ASTRONOMY S5.178		**74-74.6** **FIXED,** **MOBILE, except aeronautical mobile**	**JU** **63, 93**
	74.6-74.8 FIXED MOBILE			

Read only			To be completed	
Allocation to services				
Region 1	**Region 2**	**Region 3**	**National Allocation**	**Remarks**
74.8-75.2	AERONAUTICAL RADIONAVIGATION S5.180 S5.181		**74.6-75.2** **AERONAUTICAL RADIONAVIGATION**	**JU** **92, 94**

75.2-137.175 MHz

75.2-87.5 FIXED MOBILE except aeronautical mobile S5.175 S5.179 S5.184 S5.187	**75.2-75.4** FIXED MOBILE S5.179		**75.2-75.4** **AERONAUTICAL RADIONAVIGATION**	**JU** **92**
	75.4-76 FIXED MOBILE	**75.4-87** FIXED MOBILE S5.149 S5.182 S5.183 S5.188	**75.4-76** **FIXED,** **MOBILE, except aeronautical mobile**	**JU**
	76-88 BROADCASTING Fixed Mobile S5.185		**76-100** **Broadcasting (TV)**	**JU** **63, 85, 91**
87.5-100 BROADCASTING S5.190	**88-100** BROADCASTING	**87-100** FIXED MOBILE BROADCASTING		
100-108	BROADCASTING S5.192 S5.194		**100-108** **BROADCASTING (Sound)**	**CU** **95, 96**

Read only			To be completed	
Allocation to services				
Region 1	**Region 2**	**Region 3**	**National Allocation**	**Remarks**
108-117.975	AERONAUTICAL RADIONAVIGATION S5.197		**108-117.975** **AERONAUTICAL RADIONAVIGATION**	**GU** **97**
117.975-137	AERONAUTICAL MOBILE ® S5.111 S5.198 S5.199 S5.200 S5.201 S5.202 S5.203 S5.203A S5.203B		**117.975-137** **AERONAUTICAL MOBILE**	**GU** **97, 104, 105, 106**
137-137.025	SPACE OPERATION (space-to-Earth) METEOROLOGICAL-SATELLITE (space-to-Earth) MOBILE-SATELLITE (space-to-Earth) S5.208A S5.209 SPACE RESEARCH (space-to-Earth) Fixed Mobile except aeronautical mobile ® S5.204 S5.205 S5.206 S5.207 S5.208		**137-138** **SPACE OPERATION (space-to-Earth),** **METEOROLOGICAL-SATELLITE (space-to-Earth),** **SPACE RESEARCH (space-to-Earth),** **AERONAUTICAL MOBILE**	**GU** **97, 104, 105, 106**
137.025-137.175	SPACE OPERATION (space-to-Earth) METEOROLOGICAL-SATELLITE (space-to-Earth) SPACE RESEARCH (space-to-Earth) Fixed Mobile-satellite (space-to-Earth) S5.208A S5.209 Mobile except aeronautical mobile ® S5.204 S5.205 S5.206 S5.207 S5.208			

<table>
<tr><th colspan="3">Read only</th><th colspan="2">To be completed</th></tr>
<tr><th colspan="3">Allocation to services</th><th colspan="2"></th></tr>
<tr><th>Region 1</th><th>Region 2</th><th>Region 3</th><th>National Allocation</th><th>Remarks</th></tr>
</table>

137.175-148 MHz

<table>
<tr><td>137.175-137.825</td><td colspan="2">SPACE OPERATION (space-to-Earth)
METEOROLOGICAL-SATELLITE (space-to-Earth)
MOBILE-SATELLITE (space-to-Earth) S5.208A S5.209
SPACE RESEARCH (space-to-Earth)
Fixed
Mobile except aeronautical mobile ®
S5.204 S5.205 S5.206 S5.207 S5.208</td><td>137-138
SPACE OPERATION (space-to-Earth),
METEOROLOGICAL-SATELLITE (space-to-Earth),
SPACE RESEARCH (space-to-Earth),
AERONAUTICAL MOBILE (OR)</td><td>GU
97, 104, 105, 106</td></tr>
<tr><td>137.825-138</td><td colspan="2">SPACE OPERATION (space-to-Earth)
METEOROLOGICAL-SATELLITE (space-to-Earth)
SPACE RESEARCH (space-to-Earth)
Fixed
Mobile-satellite (space-to-Earth) S5.208A S5.209
Mobile except aeronautical mobile ®
S5.204 S5.205 S5.206 S5.207 S5.208</td><td></td><td></td></tr>
<tr><td>138-143.6
AERONAUTICAL MOBILE (OR)
S5.210 S5.211 S5.212 S5.214</td><td>138-143.6
FIXED
MOBILE
RADIOLOCATION
Space research (space-to-Earth)</td><td>138-143.6
FIXED
MOBILE
Space research (space-to-Earth)
S5.207 S5.213</td><td>138-143.6
AERONAUTICAL MOBILE (OR)</td><td>GU
97</td></tr>
</table>

Read only			To be completed	
Allocation to services				
Region 1	**Region 2**	**Region 3**	**National Allocation**	**Remarks**
143.6-143.65 AERONAUTICAL MOBILE (OR) SPACE RESEARCH (space-to-Earth) S5.211 S5.212 S5.214	**143.6-143.65** FIXED MOBILE RADIOLOCATION SPACE RESEARCH (space-to-Earth)	**143.6-143.65** FIXED MOBILE SPACE RESEARCH (space-to-Earth) S5.207 S5.213	**143.6-143.65** **AERONAUTICAL MOBILE (OR),** **SPACE RESEARCH (space-to-Earth)**	**GU** **97**
143.65-144 AERONAUTICAL MOBILE (OR) S5.210 S5.211 S5.212 S5.214	**143.65-144** FIXED MOBILE RADIOLOCATION Space research (space-to-Earth)	**143.65-144** FIXED MOBILE Space research (space-to-Earth) S5.207 S5.213	**143.65-144** **AERONAUTICAL MOBILE (OR)**	**GU** **97**
144-146	AMATEUR S5.120 AMATEUR-SATELLITE S5.216		**144-146** **AMATEUR,** **AERONAUTICAL MOBILE (OR),** **AMATEUR-SATELLITE**	**JU** **97, 107, 108**
146-148 FIXED MOBILE except aeronautical mobile ®	**146-148** AMATEUR S5.217	**146-148** AMATEUR FIXED MOBILE S5.217	**146-148** **FIXED,** **MOBILE,** **(OR)**	**GU** **97, 109**

Read only			To be completed	
Allocation to services				
Region 1	Region 2	Region 3	National Allocation	Remarks
148-149.9 FIXED MOBILE except aeronautical mobile ® MOBILE-SATELLITE (Earth-to-space) S5.209 S5.218 S5.219 S5.221	**148-149.9** FIXED MOBILE MOBILE-SATELLITE (Earth-to-space) S5.209 S5.218 S5.219 S5.221		**148-149.9** **MOBILE**	**GU** **97, 109**
149.9-150.05	MOBILE-SATELLITE (Earth-to-space) S5.209 S5.224A RADIONAVIGATION-SATELLITE S5.224B S5.220 S5.222 S5.223		**149.9-150.05** **RADIONAVIGTION-SATELLITE (space-to-Earth)** **MOBILE-SATELLITE (Earth-to-space)**	**JU** **97, 109, 110**
150.05-153 FIXED MOBILE except aeronautical mobile RADIO ASTRONOMY S5.149	**150.05-156.7625** FIXED MOBILE		**150.05-154**	**JU** **97, 109, 111, 112, 113, 114, 115. 116**
153-154 FIXED MOBILE except aeronautical mobile ® Meteorological Aids				
154-156.7625 FIXED MOBILE except aeronautical mobile ®			**154-156.7625** **FIXED,** **MOBILE, except Aeronautical Mobile**	**JU** **19, 97, 109, 116, 117, 118, 119, 120, 121**

Read only			To be completed	
Allocation to services				
Region 1	**Region 2**	**Region 3**	**National Allocation**	**Remarks**
S5.226 S5.227	S5.225 S5.226 S5.227			
156.7625-156.8375	MARITIME MOBILE (distress and calling) S5.111 S5.226		**156.7625-156.8375** **MARITIME MOBILE (distress calling)**	**JU** **19, 36, 97, 109, 119, 122**
156.8375-174 FIXED MOBILE except aeronautical mobile S5.226 S5.229	**156.8375-174** FIXED MOBILE S5.226 S5.230 S5.231 S5.232		**156.8375-162.7625** **FIXED,** **MOBILE, except Aeronautical Mobile**	**JU** **97, 109, 118, 119, 123**
			162.7625-163.2 **FIXED,** **MOBILE, except Aeronautical Mobile**	**GU** **97, 109**
			163.2-168.5 **FIXED,** **MOBILE, except Aeronautical Mobile**	**JU** **97, 109, 111, 114, 118, 123, 124, 125**
			163.2-168.5 **FIXED,** **MOBILE, except Aeronautical Mobile**	**GU** **97, 109**
174-223 BROADCASTING	**174-216** BROADCASTING Fixed Mobile S5.234	**174-223** FIXED MOBILE BROADCASTING	**174-182** **BROADCASTING**	**GU**

Read only			To be completed	
Allocation to services				
Region 1	**Region 2**	**Region 3**	**National Allocation**	**Remarks**
S5.235 S5.237 S5.243	**216-220** FIXED MARITIME MOBILE Radiolocation S5.241 S5.242	S5.233 S5.238 S5.240 S5.245	**182-230** **BROADCASTING**	**CU** **126, 127, 128**

220-335.4 MHz

Region 1	Region 2	Region 3	National Allocation	Remarks
	220-225 AMATEUR FIXED MOBILE Radiolocation S5.241			
223-230 BROADCASTING Fixed Mobile S5.243 S5.246 S5.247	**225-235** FIXED MOBILE	**223-230** FIXED MOBILE BROADCASTING AERONAUTICAL RADIONAVIGATION Radiolocation S5.250	**182-230** **BROADCASTING (TV)**	**CU** **126, 127, 128**
230-235 FIXED MOBILE S5.247 S5.251 S5.252		**230-235** FIXED MOBILE AERONAUTICAL RADIONAVIGATION S5.250	**230-267** **FIXED,** **MOBILE**	**GU** **36, 83, 97, 129, 130, 131, 132**

Read only			To be completed	
Allocation to services				
Region 1	**Region 2**	**Region 3**	**National Allocation**	**Remarks**
235-267	FIXED MOBILE S5.111 S5.199 S5.252 S5.254 S5.256			
267-272	FIXED MOBILE Space operation (space-to-Earth) S5.254 S5.257		**267-273** **FIXED,** **MOBILE,** **SPACE OPERATION (space-to-Earth)**	**GU** **97, 129, 130**
272-273	SPACE OPERATION (space-to-Earth) FIXED MOBILE S5.254			
273-312	FIXED MOBILE S5.254		**273-300** **FIXED,** **MOBILE**	**GU** **97, 129, 130**
			300-308 **FIXED,** **MOBILE**	**JU** **97, 130, 133, 134, 135, 136**
312-315	FIXED MOBILE Mobile-satellite (Earth-to-space) S5.254 S5.255		**308-322** **FIXED,** **MOBILE**	**GU** **97, 129, 130, 137, 138**
315-322	FIXED MOBILE S5.254			

Read only			To be completed	
Allocation to services				
Region 1	**Region 2**	**Region 3**	**National Allocation**	**Remarks**
322-328.6	FIXED MOBILE RADIO ASTRONOMY S5.149		**322-328.6** **FIXED,** **MOBILE,** **RADIO ASTRONOMY**	**GU** **63, 97, 138, 139**
328.6-335.4	AERONAUTICAL RADIONAVIGATION S5.258 S5.259		**328.6-335.4** **AERONAUTICAL RADIONAVIGATION**	**GU** **97, 138, 140**

335.4-410 MHz

335.4-387	FIXED MOBILE S5.254		**335.4-344** **FIXED,** **MOBILE**	**JU** **97, 130, 134, 135, 136**
387-390	FIXED MOBILE Mobile-satellite (space-to-Earth) S5.208A S5.254 S5.255		**344-390** **FIXED,** **MOBILE**	**GU** **97, 129, 137, 141**
390-399.9	FIXED MOBILE S5.254		**390-399.9** **FIXED,** **MOBILE**	**JU** **97, 109, 141A, 142, 143, 144**
399.9-400.05	MOBILE-SATELLITE (Earth-to-space) S5.209 S5.224A RADIONAVIGATION-SATELLITE S5.222 S5.224B S5.260 S5.220		**399.9-400.5** **RADIONAVIGATION-SATELLITE (space-to-Earth)**	**JU** **97, 109, 142, 144, 146, 148**

Read only			To be completed	
Allocation to services				
Region 1	**Region 2**	**Region 3**	**National Allocation**	**Remarks**
400.05-400.15	STANDARD FREQUENCY AND TIME SIGNAL-SATELLITE (400.1 MHz) S5.261 S5.262		**400.5-400.15** **FIXED,** **MOBILE, except aeronautical mobile** **STANDARD FREQUENCY AND TIME SIGNAL-SATELLITE (400.1 MHz)**	**JU** **97, 109, 142, 144, 145, 147, 148**
400.15-401	METEOROLOGICAL AIDS METEOROLOGICAL-SATELLITE (space-to-Earth) MOBILE-SATELLITE (space-to-Earth) S5.208A S5.209 SPACE RESEARCH (space-to-Earth) S5.263 Space operation (space-to-Earth) S5.262 S5.264		**400.15-401** **FIXED,** **MOBILE, except aeronautical mobile** **METEOROLOGICAL-SATELLITE (space-to-Earth),** **SPACE RESEARCH (space-to-Earth)**	**JU** **97, 109, 142, 145, 150, 151**
401-402	METEOROLOGICAL AIDS SPACE OPERATION (space-to-Earth) EARTH EXPLORATION-SATELLITE (Earth-to-space) METEOROLOGICAL-SATELLITE (Earth-to-space) Fixed Mobile except aeronautical mobile		**401-402** **FIXED,** **MOBILE, except aeronautical mobile** **METEOROLOGICAL-SATELLITE (space-to-Earth),** **SPACE OPERATION (space-to-Earth)**	**JU** **97, 109, 142, 151, 152, 153, 154**

Read only			To be completed	
Allocation to services				
Region 1	**Region 2**	**Region 3**	**National Allocation**	**Remarks**
402-403	METEOROLOGICAL AIDS EARTH EXPLORATION-SATELLITE (Earth-to-space) METEOROLOGICAL-SATELLITE (Earth-to-space) Fixed Mobile except aeronautical mobile		**402-403** **FIXED,** **MOBILE, except aeronautical mobile** **METEOROLOGICAL-SATELLITE (Earth-to-space),**	**JU** **97, 109, 142, 151, 152, 153, 154**
403-406	METEOROLOGICAL AIDS Fixed Mobile except aeronautical mobile		**403-406** **FIXED,**	**JU** **97, 109, 142, 153, 154**
406-406.1	MOBILE-SATELLITE (Earth-to-space) S5.266 S5.267		**406-406.1** **MOBILE-SATELLITE (Earth-to-space)**	**JU** **19, 97, 109, 142, 155**
406.1-410	FIXED MOBILE except aeronautical mobile RADIO ASTRONOMY S5.149		**406.1-410** **FIXED,** **MOBILE, except aeronautical mobile**	**JU** **63, 97, 109, 142, 156**

Read only			To be completed	
Allocation to services				
Region 1	**Region 2**	**Region 3**	**National Allocation**	**Remarks**

410-470 MHz

Region 1	Region 2	Region 3	National Allocation	Remarks
410-420 FIXED MOBILE except aeronautical mobile SPACE RESEARCH (space-to-space) S5.268			**410-455** **FIXED,** **MOBILE, except aeronautical mobile**	**JU** **50, 97, 109, 141A, 142, 143, 154, 157, 158, 159, 160, 161, 162, 163, 164, 166, 167, 170**
420-430 FIXED MOBILE except aeronautical mobile Radiolocation S5.269 S5.270 S5.271				
430-440 AMATEUR RADIOLOCATION S5.138 S5.271 S5.272 S5.273 S5.274 S5.275 S5.276 S5.277 S5.280 S5.281 S5.282 S5.283	**430-440** RADIOLOCATION Amateur S5.271 S5.276 S5.277 S5.278 S5.279 S5.281 S5.282			
440-450 FIXED MOBILE except aeronautical mobile Radiolocation S5.269 S5.270 S5.271 S5.284 S5.285 S5.286				
450-455 FIXED MOBILE S5.209 S5.271 S5.286 S5.286A S5.286B S5.286C S5.286D S5.286E				

<table>
<tr><th colspan="3">Read only</th><th colspan="2">To be completed</th></tr>
<tr><th colspan="3">Allocation to services</th><th colspan="2"></th></tr>
<tr><th>Region 1</th><th>Region 2</th><th>Region 3</th><th>National Allocation</th><th>Remarks</th></tr>
<tr><td>455-456
FIXED
MOBILE

S5.209 S5.271 S5.286A S5.286B S5.286C S5.286E</td><td>455-456
FIXED
MOBILE
MOBILE-SATELLITE (Earth-to-space) S5.286A S5.286B S5.286C

S5.209 S5.271</td><td>455-456
FIXED
MOBILE

S5.209 S5.271 S5.286A S5.286B S5.286C S5.286E</td><td rowspan="4">455-470
FIXED,
MOBILE, except aeronautical mobile</td><td rowspan="4">JU
97, 109, 141A, 142, 160, 161, 168, 169, 170, 171, 172</td></tr>
<tr><td>456-459</td><td colspan="2">FIXED
MOBILE
S5.271 S5.287 S5.288</td></tr>
<tr><td>459-460
FIXED
MOBILE

S5.209 S5.271 S5.286A S5.286B S5.286C S5.286E</td><td>459-460
FIXED
MOBILE
MOBILE-SATELLITE (Earth-to-space) S5.286A S5.286B S5.286C

S5.209 S5.271</td><td>459-460
FIXED
MOBILE

S5.209 S5.271 S5.286A S5.286B S5.286C S5.286E</td></tr>
<tr><td>460-470</td><td colspan="2">FIXED
MOBILE
Meteorological-Satellite (space-to-Earth)
S5.287 S5.288 S5.289 S5.290</td></tr>
</table>

Read only			To be completed	
Allocation to services				
Region 1	**Region 2**	**Region 3**	**National Allocation**	**Remarks**

470-890 MHz

Region 1	Region 2	Region 3	National Allocation	Remarks
470-790 BROADCASTING S5.149 S5.291A S5.294 S5.296 S5.300 S5.302 S5.304 S5.306 S5.311 S5.312 **790-862** FIXED BROADCASTING S5.312 S5.314 S5.315 S5.316 S5.319 S5.321	**470-512** BROADCASTING Fixed Mobile S5.292 S5.293 **512-608** BROADCASTING S5.297 **608-614** RADIO ASTRONOMY Mobile-satellite except aeronautical mobile-satellite (Earth-to-space) **614-806** BROADCASTING Fixed Mobile S5.293 S5.309 S5.311 **806-890** FIXED MOBILE BROADCASTING	**470-585** FIXED MOBILE BROADCASTING S5.291 S5.298 **585-610** FIXED MOBILE BROADCASTING RADIONAVIGATION S5.149 S5.305 S5.306 S5.307 **610-890** FIXED MOBILE BROADCASTING	**470-638** **BROADCASTING (TV)**	**JU** **63, 97, 173, 174, 175, 176**
			638-646 **FIXED,** **MOBILE**	**GU** **97, 176, 177**
			646-686 **BROADCASTING (TV),** **AERONAUTICAL RADIONAVOGATION**	**JU** **97, 176, 177**
			684-694 **FIXED,** **LAND MOBILE**	**GU** **97, 176, 177**
			694-726 **BROADCASTING (TV)**	**JU** **97, 176, 177, 178**
			726-790 **BROADCASTING (TV),** **AERONAUTICAL RADIONAVIGATION**	**JU** **97, 176, 177, 178, 179, 180, 181, 182**

Read only			To be completed	
Allocation to services				
Region 1	**Region 2**	**Region 3**	**National Allocation**	**Remarks**
862-890 FIXED MOBILE except aeronautical mobile BROADCASTING S5.322 S5.319 S5.323	S5.317 S5.318	S5.149 S5.305 S5.306 S5.307 S5.311 S5.320	**790-890** **AERONAUTICAL RADIONAVIGATION**	**GU** **97, 177, 182, 183, 184, 185, 186, 187, 188**

890-1 350 MHz

890-942 FIXED MOBILE except aeronautical mobile BROADCASTING S5.322 Radiolocation S5.323	**890-902** FIXED MOBILE except aeronautical mobile Radiolocation S5.318 S5.325 **902-928** FIXED Amateur Mobile except aeronautical mobile Radiolocation S5.150 S5.325 S5.326 **928-942** FIXED MOBILE except aeronautical mobile Radiolocation S5.325	**890-942** FIXED MOBILE BROADCASTING Radiolocation S5.327	**890-915** **AERONAUTICAL RADIONAVIGATION** **915-935** **AERONAUTICAL RADIONAVIGATION** **935-960**	**JU** **97, 183, 184, 187, 188, 189** **GU** **97, 181, 183, 187, 188** **GU**

Read only			To be completed	
Allocation to services				
Region 1	**Region 2**	**Region 3**	**National Allocation**	**Remarks**
942-960 FIXED MOBILE except aeronautical mobile BROADCASTING S5.322 S5.323	**942-960** FIXED MOBILE	**942-960** FIXED MOBILE BROADCASTING S5.320	**AERONAUTICAL RADIONAVIGATION**	**97, 183, 187, 188, 189**

QUESTIONNAIRE – PART II

(To be completed by Administrations only)

Describe succinctly the problems that your administration is currently experiencing in national spectrum management (for example subject areas in national spectrum management)

Country **REPUBLIC OF ARMENIA**

Focal point **ARTHUR ANDREASSYAN**

The following general questions on national spectrum management are based in part on the functional requirements of spectrum management described in the handbook on "National Spectrum Management". If you need additional space to answer the questions please continue on a separate sheet of paper

1. Do you have a national law governing spectrum management? YES ☒ NO ☐

   – Last date this law was changed or modified? **17.02.1998**

   – Are any actions planned to change this law? YES ☐ NO ☒

   Have any problems been identified? and if so, do you need any assistance from the ITU in solving them?

   No problems have been identified. We don't need any assistance from the ITU

2. Have you published regulations and procedures for national spectrum management (e.g. radio services, license requirements etc.)? YES ☒ NO ☐

   Have any problems been identified? and if so, do you need any assistance from the ITU in solving them?

   No problems have been identified. We don't need any assistance from the ITU

3. Do you have a national radio frequency spectrum allocation table? YES ☒ NO ☐

   Have any problems been identified? and if so, do you need any assistance from the ITU in solving them?

   No problems have been identified. We don't need any assistance from the ITU

4. Do you have technical specifications for national spectrum use? YES ☒ NO ☐

Have any problems been identified? and if so, do you need any assistance from the ITU in solving them?

No problems have been identified. We don't need any assistance from the ITU

5. Do you have a need for any spectrum redeployment*? YES ☒ NO ☐

* The term "redeployment" is used here to refer to a process of national scope in which an assessment is conducted

1) to determine if portions of spectrum can be identified that are in limited use; and
2) to determine if such spectrum segments can be reallocated for use in delivering radiocommunication services that have expanding spectrum requirements.

– If so, do you have a strategy for achieving this redeployment in respective frequency bands and for given radiocommunication services? YES ☒ NO ☐

– Please define the established strategy and describe the nature of the consultation, if any, with users regarding the potential costs resulting from the planned redeployment.

The established strategy is the following:

1. **the use of amortization term restrictions;**
2. **the renovation of an old equipment**

6. What is the total cost of national spectrum management functions performed by your Government (expressed in Swiss francs)? **420 000**

– What is the source of the funding required to accomplish these spectrum management functions?

The source of the funding required to accomplish these spectrum management functions is an income from service made

7. Do you have a method for establishing spectrum users' fees? YES ☒ NO ☐

– If so, please give a brief description of the method used in establishing those fees.

The method used in establishimg spectrum users' fees is the following: the number of radio electronic equipment used is multiplied to the number of frequencies assigned and is multiplied to the tariff established by the Government.

8. Do you maintain centralized databases for spectrum management? YES ☒ NO ☐

– What is the approximate size of your database (expressed in number of records)? **2 500**

– Do you have a computerized data base management system (DBMS)? YES ☒ NO ☐

– What DBMS system do you use? **Microsoft Access**

– Are these frequency assignment records available to public? YES ☐ NO ☒

Have any problems been identified? and if so, do you need any assistance from the ITU in solving them?

No problems have been identified. We don't need any assistance from the ITU

9. Do you notify frequency assignments to the ITU? YES ☒ NO ☐

Have any problems been identified? and if so, do you need any assistance from the ITU in solving them?

The problem is in the delays of frequency assignments notices examinination and their registration in MIFL

10. Do you have a policy and planning function for national spectrum management (i.e. a national strategy for future use of the spectrum)? YES ☒ NO ☐

Have any problems been identified? and if so, do you need any assistance from the ITU in solving them?

No problems have been identified. We don't need any assistance from the ITU

11. Do you perform technical analyses of frequency assignment requests? YES ☒ NO ☐

Have any problems been identified? and if so, do you need any assistance from the ITU in solving them?

No problems have been identified. We don't need any assistance from the ITU

12. Do you perform radio monitoring? YES ☒ NO ☐

– number of fixed monitoring stations **3**

  – facilities available at fixed monitoring stations

    – monitoring up to **1000** MHz

    – direction finding up to **N/A** MHz

– number of mobile monitoring stations **1**

– facilities available at mobile monitoring stations

– monitoring up to **1000** MHz

– direction finding up to **N/A** MHz

Have any problems been identified? and if so, do you need any assistance from the ITU in solving them?

The problem is the providing with the radio monitoring and direction finding equipment because of the correspondant funding source absence.

13. Do you perform technical analyses of radio frequency interference complaints? YES ☒ NO ☐

– established consultation process, involving Government and non-government organization, for resolving these complaints? YES ☒ NO ☐

Have any problems been identified? and if so, do you need any assistance from the ITU in solving them?

The problem is the harmful interference caused by neighbour countries which Republic of Armenia has no diplomatic relations with. In accordance with our requests this problem is not being examined in due form.

14. What computers and operating systems are in use for national spectrum management?

Type of computers **PC: Pentium/Pentium II**

Operating system(s) **Microsoft Windows NT/98/95**

Have any problems been identified? and if so, do you need any assistance from the ITU in solving them?

No problems have been identified. We don't need any assistance from the ITU

15. Number of technical/professional staff in national spectrum management? **40**

16. Number of support staff in national spectrum management? **40**

17. Describe your country's spectrum management structure (Please enclose a copy of organization chart).

See the enclosed attachment file 'organization.doc'

18. Do you use the ITU-R Handbooks and Reports on:

a) National Spectrum Management, version 1995? **NO**

b) Spectrum Monitoring[1], version 1995? **NO**

c) Computer-aided Techniques for Spectrum Management, version 1999? **NO**

d) HF Broadcasting System Design, version 1999? **NO**

e) Report SM.2012, Economic Aspects of Spectrum Management, version 1997[2]? **NO**

f) Windows Basic Automated Spectrum Management System (WinBASMS) Software Version 1997, Manual Version 1997 **NO**

What additional information/handbooks do you need from the ITU?

Russian Editions of mentioned ITU-R handbooks

To be returned no later than ***31 January 2000*** *to:*
ITU-D Study Groups Secretariat
Telecommunication Development Bureau
Fax: +41 22 730 54 84
E-Mail: devsg1@itu.int

THANK YOU FOR YOUR COOPERATION

[1] The Spectrum Monitoring Handbook is currently being updated, therefore, you are urged to contact Mr Jan Verduijn (NL), the designated Rapporteur from ITU-R Study Group 1, Working Party 1C if you have any comments that you wish included in a future version of this Handbook.

[2] This Report SM.2012 was updated during the ITU-R Study Group 1 meeting in August 1999. This new version is expected to be available in the three working languages by January 2000.

ANNEX 1

CU – Civil use; GU – Government use, JU – Joint use

19. Any emissions which may cause harmful interference to communications in case of distress, emergency, urgency and for security providing are prohibited in frequencies 500 kHz, 2174.5 kHz, 2182 kHz, 2187.5 kHz, 4125 kHz, 4177.5 kHz, 4207.5 kHz, 6215 kHz, 6268 kHz, 6312 kHz, 8291 kHz, 8376.5 kHz, 8414.5 kHz, 12290 kHz, 12520 kHz, 12577 kHz, 16420 kHz, 16695 kHz, 16804.5 kHz, 121.5 MHz, 156.525 MHz, 156.8 MHz and in the bands 406-406.1 MHz, 1544-1545 MHz, 1645.5-1646.5 MHz. Any emissions are prohibited in any other discrete frequency, which may cause harmful interferences to communications in case of distress and for security providing.

36. Carrier frequencies 2182 kHz, 3023 kHz, 5680 kHz, 8364 kHz, 121.5 MHz, 156.8 MHz, 243 MHz are allocated to mobile services stations involved in joint searching and rescuing operations as well as for search and rescue purposes of manned space ships.

50. The following bands:

    6765-6795 kHz (centre frequency 6780 kHz)
    13553-13556 kHz (centre frequency 13560 kHz)
    433.05-434.79 MHz (centre frequency 433.92 MHz)
    61-61.5 GHz (centre frequency 61.25 GHz)
    122-123 GHz (centre frequency 122.5 GHz)
    244-246 GHz (centre frequency 245 GHz)

    are designated for industrial, scientific and medical applications (ISM). At the application of the present provision it is necessary to take into consideration the corresponding recent Recommendations of ITU-R.

63. During frequency assignment to other services stations to which the bellow mentioned bands are allocated:

    13360-13410 kHz, 25550-25670 kHz, 37.5-38.25 MHz,
    73-74.6 MHz, 79.75-80.25 MHz, 322-328.6 MHz,
    406.1-410 MHz, 608-614 MHz, 1330-1400 MHz,
    1610-1613.8 MHz, 1660-1670 MHz, 1718.8-1722.2 MHz,
    2655-2690 MHz, 3260-3267 MHz, 3332-3339 MHz,
    3345.8-3352.5 MHz, 4825-4835 MHz, 4950-5000 MHz,
    6650-6675.2 MHz, 10.6-10.68 GHz, 14.47-14.65 GHz,
    22.01-22.5 GHz, 22.81-22.86 GHz, 23.07-23.12 GHz,
    31.2-31.3 GHz, 31.5-31.8 GHz, 36.43-36.5 GHz,
    42.5-43.5 GHz, 42.77-42.87 GHz, 43.07-43.17 GHz,
    43.37-43.47 GHz, 48.94-49.04 GHz, 72.77-72.91 GHz,
    93.07-93.27 GHz, 97.88-98.08 GHz, 140.69-140.98 GHz,
    144.68-144.98 GHz, 145.45-145.75 GHz, 146.82-147.12 GHz,
    150-151 GHz, 174.42-175.02 GHz, 177-177.4 GHz,
    178.2-178.6 GHz, 181-181.46 GHz, 186.2-186.6 GHz,
    250-251 GHz, 257.5-258 GHz, 261-265 GHz,
    262.24-262.76 GHz, 265-275 GHz, 265.64-266.16 GHz,
    267.34-267.86 GHz, 271.74-272.26 GHz.

it is necessary to take all applicable measures in radio astronomy service protection process from harmful interferences. The space and air stations emissions may become an especially serious source for interference.

64. The following bands:

13.533-13567 kHz (centre frequency 13560 kHz)
26957-27283 kHz (centre frequency 27120 kHz)
40.66-40.7 MHz (centre frequency 40.68 MHz)
2400-2500 MHz (centre frequency 2450 MHz)
5725-5875 MHz (centre frequency 5800 MHz)
24-24.25 GHz (centre frequency 24.125 GHz)

are also designated for industrial, scientific and medical (ISM) applications. Radiocommunication services operating within these bands must accept harmful interferences, which may be caused by these applications.

77. Some frequencies in the band 26965-27860 kHz are allocated to the radiostations of personal use on a secondary basis with emission power of 10 W not more.

79. The band 31.25-39.25 MHz is an intermediate frequencies band in TV receivers (31.5 MHz – intermediate frequency of sound carrier; 38.0 MHz – intermediate frequency of video carrier).

80. The band 33-48.5 MHz is allocated to the land mobile service.

81. The band 37.5-38.25 MHz is allocated to the radio astronomy service on a secondary basis.

82. The bands 39.986-40.020 MHz, 40.980-41.015 MHz are allocated to the space research service on a secondary basis.

83. The bands 46.4-47.1 MHz and 257-262 MHz are allocated to the space operation service (Earth-to-space).

84. The bands 47-48.5 MHz and 56.5-58 MHz are allocated to the fixed and land mobile services on a secondary basis.

85. The bands 48.5-56.5 MHz, 58-66 MHz and 76-100 MHz are allocated to the TV broadcasting. Frequency assignments to the broadcasting stations are coordinated by the established order.

86. Some frequencies in the band 57-57.525 MHz are allocated to the land mobile services stations applied by agricultural industry.

87. Some frequencies in the band 56.5-58 MHz are allocated to the systems applying the meteorites traces reflection principle.

88. Some frequencies sections in the band 57-69 MHz are allocated to the space operation service (space-to-Earth) on a secondary basis.

89. The band 65.8-66 MHz is allocated to the sound broadcasting stations on condition that there must be no TV broadcasting receive interferences.

90. The band 60-70 MHz is allocated to the line-on-sight small channel radio relay stations on a secondary basis.

91. The bands 68-74 MHz and 76-87.5 MHz are allocated to the radio broadcasting service on a primary basis.

92. The bands 74.6-74.8 MHz and 75.2-75.4 MHz are allocated to the aeronautical radionavigation service on a primary basis on condition that only Earth transmitters must apply them.

93. The band 73-74.6 MHz is allocated to the radio astronomy service.

94. The frequency 75 MHz is allocated to the radio marker of airplanes landing systems continuous emission.

95. Some frequencies in the band 104-105 MHz are allocated to the fixed satellite service (space-to-Earth) on a secondary basis.

96. The band 104-108 MHz is also allocated to the mobile except aeronautical mobile service on a secondary basis.

97. Some sections of frequency bands 110-174 and 230-1000 MHz are allocated to the cable assigned TV networks, radio broadcasting and cable TV multiple receive systems by applying the external interference protection standards and by excluding any interference to other Radio Electronic Equipment operating in accordance with the table. Such networks applications complying with mentioned standards and other Radio Electronic Equipment operation restrictions except the frequency bands designated in the present area for ether television and UHF FM radio broadcasting.

98. Some frequencies in the band 117.975-137 MHz are allocated to the aeronautical mobile satellite service (R).

99. The frequency 121.5 MHz is allocated to the aeronautical mobile service stations for radio-telephone communications in case of a distress and for security providing. For these purposes the frequency 121.5 MHz is also allocated to the rescue means stations and emergency radiobeacons–emergency sight indicators, as well as for manned spaceships search and rescue.

100. The band 121.45-121.55 MHz is allocated to the mobile satellite service for receiving signals on the satellite board from emergency radiobeacon passing signals at 121.5 MHz.

101. The frequency 123.1 MHz is an auxiliary one to aeronautical emergency frequency 121.5 MHz and is designated for aeronautical mobile service stations as well as for other mobile and land stations application, participating in joint search and rescue operations.

102. The band 132-137 MHz is allocated to the aeronautical mobile (OR) service on a primary basis.

103. The band 136-137 MHz is allocated to the space operation (space-to-Earth) service, space research (space-to-Earth) service, meteorological satellite (space-to-Earth) service on a secondary basis.

104. Meteorological satellite service earth stations, space operation and space research services location sites are coordinated by the established order.

105. Operating frequency assignment to the aeronautical mobile (OR) service in space services earth stationary receiving sites location region must be carried out without any interference to information receive from artificial earth satellites and space objects.

106. The band 137-138 MHz is allocated to the aeronautical mobile (OR) service on a primary basis.

107. The band 144-146 MHz is allocated to the amateur service with transmitter 5W power on a secondary basis. In some cases the application of transmitters with 100W power is allowed on condition of stations location coordination by the established order.

108. Some frequencies in the band 144-146 MHz are allocated to the amateur satellite service. Amateur satellite service space stations' emission power flux density on the Earth surface must not exceed: –110 dBW to 1 m^2.

109. Application of some sections in the bands 146-174 MHz and 390-470 MHz allocated in the present Table by Radio Electronic Equipment of civil use is realized with established restrictions.

110. In the band 149.9-150.05 MHz must be excluded any interferences to radionavigation satellite service.

111. The bands 150.0625-150.4875 MHz and 165.0625-165.4875 MHz are allocated to the single channel radio relay stations of line-on-sight and land mobile service means with 2W emission power.

112. The band 150.05-150.5 MHz is allocated to the artificial Earth satellites board means and space objects for radionavigation, meteorology and space research on condition that board means emission power flux density on Earth surface must not exceed: –138,5dBW to 1 sq. m. in any band 4kHz wide.

113. In the band 150-154 MHz there must be no interferences to information receive Earth sites with artificial Earth satellite and space objects by fixed and land mobile service means.

114. The bands 150.5-151.7 MHz and 165.5-166.7 MHz are allocated to the small channel radio relay stations of line-on-sight of 3W emission power.

115. The band 150.05-153 MHz is allocated to the radio astronomy service.

116. The bands 151.7125-154.0125 MHz and 154.9875-156.0125 MHz are allocated to "Transport" railway radiocommunication system with established restrictions. Besides the band 151.7125-152.8125 MHz is allocated to the fixed and land mobile service means of departmental and industrial-technological intention on condition that no interference must take place in "Transport" system.

117. The band 154.0125-154.9875 MHz is allocated to radiocommunication means at the companies approach line also to the fixed and land mobile service means of departmental and industrial use with the established restrictions.

118. The bands 154.7875-154.9875 MHz, 158.5125-158.5875 MHz, 164.0625 –164.1375 MHz are allocated to the operating radio relay stations of “CB-1350” type of line-on-sight providing the communication along the gas-means up to the amortization date (before 2000) with the established restrictions.

119. The bands 156.0125-158.0125 MHz, 160.6125-162.0375 MHz are allocated to the maritime mobile service stations on external communications, in maritime territorial water area, in maritime ports (port-sites) and ship repair plants with the established restrictions.

Maritime mobile systems in these bands in seas regions have a priority right in connection with fixed and land mobile services.

120. The frequency 156.3 MHz is applied for the connection between maritime and air ships stations participating in coordination search and rescue operations as well as air ships stations for connection with ship stations for other security purposes.

121. The frequency 156.525 MHz is allocated to the maritime mobile service by digital chose call equipment mainly for distress calls and navigation security.

122. The frequency 156.8 MHz is a distress, security and call international frequency of maritime mobile service for radiotelephony. This frequency is allocated to the manned space ships rescue and search purposes.

123. The bands 158.0125-160.6175 MHz, 164.2125-165.0625 MHz, 161.75-162.7625 MHz and 167.5-168.5 MHz are allocated to the fixed and land mobile services stations with the established restrictions.

124. The band 163.2-164.2125 MHz is allocated to the land mobile services stations for civil aviation technical and internal airport radiocommunication providing, as well as to the fixed and land mobile services means of departmental and industrial purpose.

125. The bands 166.7-166.85 MHz and 167.15-167.5 MHz are allocated to the land mobile service stations of up to 2 W emission power and the band 166.85-167.15 MHz of 1 W emission power on coordination with established order. These bands are allocated to the organization of industrial-technological connection within the company.

126. The band 200-205 MHz is allocated to the space operation service (space-to-Earth) on board transmitters power restriction up to 1 W and exclusion of any interference to TV broadcasting receive.

127. Some frequencies in the band 174-230 MHz are allocated to the space operation service (space-to-Earth) for telemetric information transmission on the exclusion of any interference to TV broadcasting receive.

128. The band 220-230 MHz is allocated to aeronautical and maritime mobile service on the exclusion of any interference to the TV broadcasting receive.

129. The bands 230-299.3 MHz, 308.4-328.6 MHz and 344.4-390 MHz are allocated mainly to the aeronautical mobile service (OR). Some frequencies in these bands are allocated to the aeronautical radionavigation service.

130. Some sections of bands 235-322 MHz and 335.4-399.9 MHz are allocated to the mobile satellite service in accordance with the Radio Regulations and the established restrictions.

131. The band 242.95-243.05 MHz is allocated to the mobile satellite service for emergency radio-beacon signals receive at the satellite board, transmitting the signals at the frequency 243 MHz.

132. The band 243 MHz is allocated to the rescue ships stations and the equipment applied for rescue purposes.

133. The band 300.2 MHz is the distress, security and call band for radiotelephony on the internal maritime routes countries washed by the seas.

134. The bands 300-308 MHz and 336-344 MHz are allocated to radial and radial-area radiocommunication systems in accordance with the established restrictions. Some sections of these bands are allocated to the means of Government use.

135. The bands 307.5-308 MHz and 343.5-344 MHz are allocated to the regional rural radio-telephone communication networks in accordance with established restrictions.

136. The bands 307-307.4625 MHz and 343-343.4625 MHz are allocated to the “Transport” railway radiocommunication system at the railway network concrete directions up to equipment amortization term before 2007.

137. The bands 312-315 MHz (Earth-to-space) and 387-390 MHz (space-to-Earth) are allocated on the secondary basis to the mobile satellite service with artificial Earth satellite application at the non-geostationary orbit in accordance with the Radio Regulations.

138. The frequencies 314 MHz, 322 MHz and 330 MHz with 1.5 MHz emission band are allocated to “Earth-to-Board” Radio Link in the phase radio distance measuring system of airplane coordinates determination during aerogeodetic and aerophotographic operations.

139. The band 322-328.6 MHz is allocated to the radio astronomy service on a secondary basis.

140. The use of band 328.6-335.3 MHz by aeronautical radionavigation service is limited by Instrument Landing Systems (glide path).

141. The frequency 350 MHz with (+) (–) 1.5 MHz emission band is allocated to radio link (Board-to-Earth) in phase radio distance measuring system of airplane coordination termination during aerogeodetic and aerophotographic operations.

141A. The bands 390-394 MHz, 417-422, 430-440 MHz, 447-450 MHz, 458.45-460 MHz, 468.45-469 MHz are allocated to dispatcher and industrial-technological radiocommunication, industrial radiotelemetrics, security services, defense and fire defense signaling means at the territorial restrictions observance and the bands joint application together with other services.

142. The band 390-470 MHz is allocated to small channel line-on-sight Radio Relay stations at the operating routes up to the end of equipment amortization. The bands 394-410 MHz and 434-450 MHz must be used for new line-on-sight Radio Relay stations. The use of these bands application by small channel Radio Relay stations is fulfilled with established restrictions.

143. The bands 395-397 MHz and 417.5-419.5 MHz are allocated to radiotelephone communication means in the rural area with the established restrictions. The development of new analog means must be carried out in the bands 412-417 MHz and 422-427 MHz.

144. The band 399.7-401.2 MHz (space-to-Earth) is allocated to the artificial Earth satellites and space objects board means for radionavigation, meteorology and space research.

145. The band 400.05-401 MHz is allocated to the fixed and mobile services on a primary basis.

146. The band 399.9-400.05 MHz is allocated to the fixed and land mobile services on taking the radionavigation satellite services interferences elimination measures.

147. In the band 400.1 MHz ± 25 kHz all measures must be taken to eliminate interferences to standard frequencies satellite service and time signals by the other services applying this band.

148. The frequencies 400.0 ± 0.001 MHz and 400.8 ± 0.001 MHz are allocated to the artificial Earth satellite orbit parameters and geodetic clasure signals transmission board equipment.

149. The band 400.15-401.0 MHz is allocated to the mobile satellite service (space-to-Earth). Such application is limited within non-geostationary satellite systems in accordance with the Radio Regulations.

150. The band 400.15-401.0 MHz (Space-Space) is allocated to the manned space equipment communication.

151. Meteorological satellite services Earth stationary stations allocation points are coordinated with the established order.

152. The band 401-403 MHz is allocated to the Earth research satellite service (Earth-to-space) on a secondary basis.

153. The band 401-406 MHz is allocated to the meteorology aids service on a secondary basis.

154. The bands 401-406 MHz and 442-447 MHz are allocated to the multiple access land mobile radiocommunication systems with the established territorial restrictions.

155. Any emission leading to harmful interferences to allowed use of the band 406-406.1 MHz is prohibited.

156. The band 406.1-410 MHz is allocated to the radio astronomy service.

157. Some frequencies in the band 410-420 MHz are allocated to the space research service means (space-to-space) in accordance with the Radio Regulations.

158. The band 410-427 MHz is allocated to the TV information transmission land means to manned space objects.

159. The bands 412-417.0125 MHz and 422-427.0125 MHz are allocated to the radiotelephone communication means in the rural area and land mobile radiocommunication trunking systems means on the established restrictions fulfillment.

160. The band 420-460 MHz is allocated to the aeronautical radionavigation service on a secondary basis.

161. The band 427-461 is allocated to the allocated to the aeronautical service only for the operating short height finders up to amortization term. The new board height finders’ development must be realized in the band 4200-4400 MHz.

162. The band 430-440 MHz is allocated to the amateur service with transmitters power of 5 W, not more, on a secondary basis considering the territorial restrictions in the band 430-433 MHz.

163. The band 430-440 MHz is allocated to the fixed service on a secondary basis.

164. In the band 433-440 MHz some frequencies are allocated to the space operation service means (space-to-Earth).

165. The band 435-438 MHz is allocated to the amateur satellite service on a secondary basis.

166. The band 439.8-439.96 MHz is allocated to the Earth research satellite service (Earth-to-space).

167. The band 449.75-450.25 MHz is allocated to the space operation service (Earth-to-space) and the space research service (Earth-to-space).

168. The band 456-470 MHz is allocated to the TV information transmission from manned space equipment board up to land stations amortization term.

169. Some frequencies in the band 460-470 MHz are allocated to the meteorological satellite service means (space-to-Earth).

170. The bands 453-457.5 MHz and 463-467.5 MHz are allocated to the land mobile radiocommunication analog cellular systems of National Standard general use on the established restrictions fulfillment.

171. The bands 457.4-458.45 MHz and 467.4-468.45 MHz are allocated to the duplex railway radiocommunication means on the Railway Network of the Republic of Armenia in accordance with railway radiocommunication Equipment Implementation Plan of this band.

172. Some frequencies in the bands 460-470 MHz and 1690-1710 MHz are allocated to the Earth research satellite service (space-to-Earth) on a secondary basis.

"REPUBLICAN CENTRE OF TELECOMMUNICATIONS" STATE JOINT STOCK COMPANY