

China

Part I

**FOCAL POINT REGARDING CORRESPONDENCE ON THIS QUESTIONNAIRE
(PARTS I AND II)**

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*To be returned no later than 31 January 2000 to:
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Section IV – Table of Frequency Allocations (extract from the RR, 1998)

27.5-47 MHz

Read only			To be completed	
Allocation to services				
Region 1	Region 2	Region 3	National Allocation	Remarks
27.5-28	METEOROLOGICAL AIDS FIXED MOBILE		METEOROLOGICAL AIDS FIXED MOBILE	
28-29.7	AMATEUR AMATEUR-SATELLITE		AMATEUR MOBILE	
29.7-30.005	FIXED MOBILE		FIXED MOBILE	
30.005-30.01	SPACE OPERATION (satellite identification) FIXED MOBILE SPACE RESEARCH		FIXED MOBILE	
30.01-37.5	FIXED MOBILE		FIXED MOBILE	
37.5-38.25	FIXED MOBILE Radio astronomy SS.149		37.5-37.75 FIXED MOBILE <hr/> 37.75-38.25 FIXED MOBILE RADIO ASTRONOMY	
38.25-39.986	FIXED MOBILE		FIXED MOBILE	
39.986-40.02	FIXED MOBILE Space research		FIXED MOBILE	
40.02-40.98	FIXED MOBILE SS.150		FIXED MOBILE	

Read only			To be completed	
Allocation to services				
Region 1	Region 2	Region 3	National Allocation	Remarks
40.98-41.015	FIXED MOBILE Space research S5.160 S5.161		FIXED MOBILE	
41.015-44	FIXED MOBILE S5.160 S5.161		FIXED MOBILE	
44-47	FIXED MOBILE S5.162 S5.162A		FIXED MOBILE	45/48MHz 10 paired operation frequencies for cordless telephone P ≤ 20mW frequency offset = 5KHz frequency tolerance ≤ 1.8KHz

47-75.2 MHz

47-68 BROADCASTING S5.162A S5.163 S5.164 S5.165 S5.169 S5.171	47-50 FIXED MOBILE	47-50 FIXED MOBILE BROADCASTING	47-48.5 FIXED MOBILE 48.5-50 BROADCASTING	
	50-54 AMATEUR S5.166 S5.167 S5.168 S5.170		BROADCASTING	
	54-68 BROADCASTING Fixed Mobile S5.172	54-68 FIXED MOBILE BROADCASTING	54-64.5 BROADCASTING 64.5-68 FIXED MOBILE BROADCASTING	

Read only			To be completed	
Allocation to services				
Region 1	Region 2	Region 3	National Allocation	Remarks
68-74.8 FIXED MOBILE except aeronautical mobile	68-72 BROADCASTING Fixed Mobile S5.173	68-74.8 FIXED MOBILE S5.149 S5.176 S5.179	68-72.5 FIXED MOBILE BROADCASTING	
	72-73 FIXED MOBILE		72.5-73 FIXED MOBILE	
	73-74.6 RADIO ASTRONOMY S5.178		73-74.6 FIXED MOBILE	
	74.6-74.8 FIXED MOBILE		AERONAUTICAL RADIONAVIGATION	
S5.149 S5.174 S5.175 S5.177 S5.179				
74.8-75.2	AERONAUTICAL RADIONAVIGATION S5.180 S5.181		AERONAUTICAL RADIONAVIGATION	

Part I
75.2-137.175 MHz

Read only			To be completed		
Allocation to services					
Region 1	Region 2	Region 3	National Allocation	Remarks	
75.2-87.5 FIXED MOBILE except aeronautical mobile	75.2-75.4 FIXED MOBILE SS.179		AERONAUTICAL RADIONAVIGATION		
	75.4-76 FIXED MOBILE	75.4-87 FIXED MOBILE	FIXED MOBILE		
	76-88 BROADCASTING Fixed Mobile	87-100 FIXED MOBILE BROADCASTING	BROADCASTING		
	SS.175 SS.179 SS.184 SS.187		SS.149 SS.182 SS.183 SS.188	BROADCASTING	
	87.5-100 BROADCASTING		SS.185	BROADCASTING	
	SS.190	88-100 BROADCASTING		BROADCASTING	
100-108	BROADCASTING SS.192 SS.194		BROADCASTING		
108-117.975	AERONAUTICAL RADIONAVIGATION SS.197		AERONAUTICAL RADIONAVIGATION		
117.975-137	AERONAUTICAL MOBILE (R) SS.111 SS.198 SS.199 SS.200 SS.201 SS.202 SS.203 SS.203A SS.203B		117.925 - 136 AERONAUTICAL MOBILE 136 - 137 AERONAUTICAL MOBILE FIXED		

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Read only			To be completed	
Allocation to services				
Region 1	Region 2	Region 3	National Allocation	Remarks
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 (R) S5.204 S5.205 S5.206 S5.207 S5.208		SPACE SERVICE (METEOROLOGICAL AIDS) (Space-to-Earth) SPACE SERVICE (Space-to-Earth) FIXED MOBILE Footnote: 136.5-138 MHz could be used as: METEOROLOGICAL AIDS	
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 (R) S5.204 S5.205 S5.206 S5.207 S5.208		SPACE SERVICE (Meteorological Aids) (Space-to-Earth) SPACE SERVICE (Space-to-Earth) FIXED MOBILE Footnote: 136.5-138 MHz could be used as: METEOROLOGICAL AIDS	

137.175-148 MHz

137.175-137.825	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 (R) S5.204 S5.205 S5.206 S5.207 S5.208		SPACE SERVICE (Meteorological Aids) (Space-to-Earth) SPACE SERVICE (Space-to-Earth) FIXED MOBILE Footnote: 136.5-138 MHz could be used as: METEOROLOGICAL AIDS	
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Read only			To be completed	
Allocation to services				
Region 1	Region 2	Region 3	National Allocation	Remarks
137.825-138	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 (R) S5.204 S5.205 S5.206 S5.207 S5.208		SPACE SERVICE(METEOROLOGICAL AID) (Space-to-Earth) SPACE SERVICE(Space-to-Earth) FIXED MOBILE Footnote: 136.5-138 MHz can be used as: METEOROLOGICAL AID	
138-143.6 AERONAUTICAL MOBILE (OR) S5.210 S5.211 S5.212 S5.214	138-143.6 FIXED MOBILE RADIOLOCATION Space research (space-to-Earth)	138-143.6 FIXED MOBILE Space research (space-to-Earth) S5.207 S5.213	FIXED MOBILE Radiolocation	
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	FIXED MOBILE Radiolocation	
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	FIXED MOBILE Radiolocation	
144-146	AMATEUR S5.120 AMATEUR-SATELLITE S5.216		AMATEUR	

Read only			To be completed	
Allocation to services				
Region 1	Region 2	Region 3	National Allocation	Remarks
146-148 XED MOBILE except aeronautical mobile (R)	146-148 AMATEUR S5.217	146-148 AMATEUR FIXED MOBILE S5.217	FIXED MOBILE AMATEUR	
148-149.9 XED MOBILE except aeronautical mobile (R) 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		FIXED MOBILE	
149.9-150.05	MOBILE-SATELLITE (Earth-to-space) S5.209 S5.224A RADIONAVIGATION-SATELLITE S5.224B S5.220 S5.222 S5.223		SPACE SERVICE (RADIONAVIGATION)	
150.05-153 XED MOBILE except aeronautical mobile RADIO ASTRONOMY S5.149	150.05-156.7625 FIXED MOBILE		FIXED MOBILE RADIONAVIGATION Footnote: 156-156.7625, 156.807 -157.45, 160.6-160.915, 161.45- 162.050 kHz are used to be MARITIME MOBILE SERVICE	
153-154			FIXED	

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Read only			To be completed	
Allocation to services				
Region 1	Region 2	Region 3	National Allocation	Remarks
154-156.7625 FIXED MOBILE except aeronautical mobile (R) S5.226 S5.227	S5.225 S5.226 S5.227		FIXED MOBILE RADIONAVIGATION Footnote: 146-156.7025, 156.8125 -157.45, 160.6-160.975, 161.425-162.0 MHz are used to be: MARITIME MOBILE SERVICE	
156.7625-156.8375	MARITIME MOBILE (distress and calling) S5.111 S5.226		MARITIME MOBILE (Distress and calling)	
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		156.8375-167 FIXED MOBILE Footnote: 156-167.715, 166.8125 -167.45, 160.6-160.975, 161.425-162.0 MHz are used to be: MARITIME MOBILE 167-174 BROADCASTING, Fixed, mobile	
174-223 BROADCASTING	174-216 BROADCASTING Fixed Mobile S5.234 216-220 FIXED MARITIME MOBILE Radiolocation S5.241 S5.242	174-223 FIXED MOBILE BROADCASTING S5.233 S5.238 S5.240 S5.245	BROADCASTING Fixed Mobile	
S5.235 S5.237 S5.243				

220-335.4 MHz

Read only			To be completed	
Allocation to services				
Region 1	Region 2	Region 3	National Allocation	Remarks
	220-225			
223-230 BROADCASTING Fixed Mobile SS.243 SS.246 SS.247	AMATEUR FIXED MOBILE Radiolocation SS.241 225-235 FIXED MOBILE	223-230 FIXED MOBILE BROADCASTING AERONAUTICAL RADIONAVIGATION Radiolocation SS.250	FIXED MOBILE Radiolocation	
230-235 FIXED MOBILE SS.247 SS.251 SS.252		230-235 FIXED MOBILE AERONAUTICAL RADIONAVIGATION SS.250	FIXED MOBILE	
235-267	FIXED MOBILE SS.111 SS.199 SS.252 SS.254 SS.256		FIXED MOBILE <i>Footnote: 243 MHz is for sailing other services should not have harmful interference to it.</i>	
267-272	FIXED MOBILE Space operation (space-to-Earth) SS.254 SS.257		FIXED MOBILE	
272-273	SPACE OPERATION (space-to-Earth) FIXED MOBILE SS.254		FIXED MOBILE	

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Read only			To be completed	
Allocation to services				
Region 1	Region 2	Region 3	National Allocation	Remarks
273-312	FIXED MOBILE S5.254		FIXED MOBILE Except: 279-281 MOBILE	279-281 MOBILE Channel spacing: 25 kHz Maximum Power of transmitter: 100 W
312-315	FIXED MOBILE Mobile-satellite (Earth-to-space) S5.254 S5.255		FIXED MOBILE Footnote: 285 MHz is for life saving other services should not have harmful interference to it.	
315-322	FIXED MOBILE S5.254		FIXED MOBILE	
322-328.6	FIXED MOBILE RADIO ASTRONOMY S5.149		FIXED MOBILE	
328.6-335.4	AERONAUTICAL RADIONAVIGATION S5.258 S5.259		AERONAUTICAL RADIONAVIGATION	

335.4-410 MHz

335.4-387	FIXED MOBILE S5.254		FIXED MOBILE SPACE SERVICE	
387-390	FIXED MOBILE Mobile-satellite (space-to-Earth) S5.208A S5.254 S5.255		FIXED MOBILE SPACE SERVICE	
390-399.9	FIXED MOBILE S5.254		FIXED MOBILE SPACE SERVICE	

Read only			To be completed	
Allocation to services				
Region 1	Region 2	Region 3	National Allocation	Remarks
399.9-400.05	MOBILE-SATELLITE (Earth-to-space) S5.209 S5.224A RADIONAVIGATION-SATELLITE S5.222 S5.224B S5.260 S5.220		SPACE SERVICE (Radionavigation)	
400.05-400.15	STANDARD FREQUENCY AND TIME SIGNAL-SATELLITE (400.1 MHz) S5.261 S5.262		SPACE SERVICE (Standard Frequency and time signal SATELLITE) (400.1 MHz)	
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		METEOROLOGICAL AIDS SPACE SERVICE (Meteorological Aids) (Space-to-Earth) SPACE SERVICE (Space-to-Earth)	
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		METEOROLOGICAL AIDS SPACE SERVICE (Space-to-Earth) Space service (Meteorological Aids) (Earth-Space) Fixed Mobile except aeronautical mobile	
402-403	METEOROLOGICAL AIDS EARTH EXPLORATION-SATELLITE (Earth-to-space) METEOROLOGICAL-SATELLITE (Earth-to-space) Fixed Mobile except aeronautical mobile		METEOROLOGICAL AIDS Space service (Meteorological Aids) (Earth-Space) Fixed Mobile except aeronautical mobile Space Service (Earth-Space)	
403-406	METEOROLOGICAL AIDS Fixed Mobile except aeronautical mobile		METEOROLOGICAL AIDS Fixed Mobile except aeronautical mobile	
406-406.1	MOBILE-SATELLITE (Earth-to-space) S5.266 S5.267		Space Service (Mobile) (Earth-Space)	

Read only			To be completed	
Allocation to services				
Region 1	Region 2	Region 3	National Allocation	Remarks
406.1-410	FIXED MOBILE except aeronautical mobile RADIO ASTRONOMY S5.149		FIXED MOBILE (except aeronautical mobile) RADIO ASTRONOMY Footnote: other services should not have harmful interference to RADIO ASTRONOMY	

410-470 MHz

410-420	FIXED MOBILE except aeronautical mobile SPACE RESEARCH (space-to-space) S5.268		FIXED MOBILE (except aeronautical mobile)	
420-430	FIXED MOBILE except aeronautical mobile Radiolocation S5.269 S5.270 S5.271		RADIOLOCATION AERONAUTICAL RADIONAVIGATION	
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		RADIOLOCATION AERONAUTICAL RADIONAVIGATION Footnote: 430-440 MHz could be used in Amateur for secondary service RADIOLOCATION AERONAUTICAL RADIONAVIGATION Footnote: 430-440 MHz could be used in Amateur for secondary service	
440-450	FIXED MOBILE except aeronautical mobile Radiolocation S5.269 S5.270 S5.271 S5.284 S5.285 S5.286		RADIOLOCATION Aeronautical Radionavigation	
450-455	FIXED MOBILE S5.209 S5.271 S5.286 S5.286A S5.286B S5.286C S5.286D S5.286E		FIXED MOBILE Aeronautical Radionavigation	

Read only			To be completed	
Allocation to services				
Region 1	Region 2	Region 3	National Allocation	Remarks
455-456 FIXED MOBILE S5.209 S5.271 S5.286A S5.286B S5.286C S5.286E	455-456 FIXED MOBILE MOBILE-SATELLITE (Earth-to-space) S5.286A S5.286B S5.286C S5.209 S5.271	455-456 FIXED MOBILE S5.209 S5.271 S5.286A S5.286B S5.286C S5.286E	FIXED MOBILE Aeronautical Radionavigation	
456-459	FIXED MOBILE S5.271 S5.287 S5.288		FIXED MOBILE Aeronautical Radionavigation	
459-460 FIXED MOBILE S5.209 S5.271 S5.286A S5.286B S5.286C S5.286E	459-460 FIXED MOBILE MOBILE-SATELLITE (Earth-to-space) S5.286A S5.286B S5.286C S5.209 S5.271	459-460 FIXED MOBILE S5.209 S5.271 S5.286A S5.286B S5.286C S5.286E	FIXED MOBILE Aeronautical Radionavigation	
460-470	FIXED MOBILE Meteorological-Satellite (space-to-Earth) S5.287 S5.288 S5.289 S5.290		FIXED MOBILE SPACE SERVICE (meteorological Aids) (Space-to-Earth)	

470-890 MHz

Read only			To be completed	
Allocation to services				
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	470-512 BROADCASTING Fixed Mobile S5.292 S5.293	470-585 FIXED MOBILE BROADCASTING S5.291 S5.298	470-566 BROADCASTING footnote: 470-585 could also be used for space service; 470-570 could be used for fixed, mobile service without harmful interference to BROADCASTING service 566-606 FIXED MOBILE RADIONAVIGATION 606-798 BROADCASTING 798-890 FIXED MOBILE BROADCASTING	806-824 824-866 WIRELESS TRUNKING SYSTEM used channel spacing: 25KHz 835-839 880-884 PUBLIC DIGITAL CELLULAR MOBILE SYSTEM
	512-608 BROADCASTING S5.297	585-610 FIXED MOBILE BROADCASTING RADIONAVIGATION S5.149 S5.305 S5.306 S5.307		
	608-614 RADIO ASTRONOMY Mobile-satellite except aeronautical mobile-satellite (Earth-to-space)	610-890 FIXED MOBILE BROADCASTING		
	614-806 BROADCASTING Fixed Mobile S5.293 S5.309 S5.311	806-890 FIXED MOBILE BROADCASTING		
790-862 FIXED BROADCASTING S5.312 S5.314 S5.315 S5.316 S5.319 S5.321				
862-890 FIXED MOBILE except aeronautical mobile BROADCASTING S5.322				

Read only			To be completed	
Allocation to services				
Region 1	Region 2	Region 3	National Allocation	Remarks
S5.319 S5.323	S5.317 S5.318	S5.149 S5.305 S5.306 S5.307 S5.311 S5.320		

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	890-942 FIXED MOBILE BROADCASTING Radiolocation S5.327	FIXED MOBILE BROADCASTING	905-915 950-960 PUBLIC DIGITAL CELLULAR MOBILE SYSTEM channel spacing: 200kHz
	902-928 FIXED Amateur Mobile except aeronautical mobile Radiolocation S5.150 S5.325 S5.326		FIXED MOBILE BROADCASTING	
	928-942 FIXED MOBILE except aeronautical mobile Radiolocation S5.325		FIXED MOBILE BROADCASTING	
942-960 FIXED MOBILE except aeronautical mobile BROADCASTING S5.322 S5.323	942-960 FIXED MOBILE	942-960 FIXED MOBILE BROADCASTING S5.320	FIXED MOBILE BROADCASTING	

QUESTIONNAIRE - PART II
(To be completed by Administrations only)

General Questions on National Spectrum Management

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

Country People's Republic of China

Focal point 13 West Chang An Ave. Beijing 100804, China.

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? 1992 Sept. 11

- 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?

Yes. We need some detail materials of laws for spectrum management
in other countries. Can we get them from 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?

Yes. Does ITU have other specific regulations for spectrum management
beyond ~~except~~ Radio Regulations. Where can we find them?

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?

Yes. We are doing modification for a new version according to the
development of new technology. And how often should this table be
modified?

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?

Yes. We have not complete sets of technical specification for all kinds of service or technology. We only have some. What kind of technical specification should be required by 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

That's the question we want to ask. Does ITU have some suggestion for this question?

- 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.

Normally in China we only have rules to ~~control~~ ^{mandate} the clients to change or cease their use. But that will not meet the requirement of the markets following the development of the market economy.

6. What is the total cost of national spectrum management functions performed by your Government (expressed in Swiss francs)? about 12,000,000

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

All from the government.

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.

We have not a good method to determine the spectrum fees. Normally we establish the standard of the price for spectrum just depending on the market investigation. We also want to get some good experiences from other countries.

8. Do you maintain centralized databases for spectrum management? YES NO or from ITU

- What is the approximate size of your database (expressed in number of records)?

about 2000000

Now we just have a province level database for spectrum management. And we are going to set up a centralized database for spectrum management at the end of this year.

- Do you have a computerized data base management system (DBMS)?

YES NO

- What DBMS system do you use?

Foxpro. But we are going to use Oracle.

- 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?

Yes. Does ITU have some recommendations for building a centralized database system for National Spectrum management?

9. Do you notify frequency assignments to the ITU? But not complete. YES NO

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

We need ~~the~~ ITU^{to} help us to understand the procedures.

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?

Yes. We need ITU to give us some instruction.

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?

We need ITU^{to} help us to develop the technical analyses models and computer softwares.

12. Do you perform radio monitoring?

YES NO

- number of fixed monitoring stations

at least one for ~~about~~ each province

- facilities available at fixed monitoring stations

-- monitoring up to 1000 MHz

-- direction finding up to 1000 MHz

- number of mobile monitoring stations

- facilities available at mobile monitoring stations

-- monitoring up to 1000 MHz

-- direction finding up to 1000 MHz

almost all province
fixed
have one monitoring
station and one mobile mo
nitoring station.

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

Yes. We still are developing our facilities both for fixed and mobile

monitoring. So, we need ITU to help us to get ~~cooperations~~ ^{cooperations} with other organizations to improve our monitoring technology or the methods.

13. Do you perform technical analyses of radio frequency interference complaints? But not complete.

YES NO

- Do you have an 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?

Actually we do some work for technical analyses of radio frequency interference. But just some simple calculations and sometime we do some monitoring testing also.

We need more recommendations or methods for this.

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

Type of computers

Dell computer (P II)

Operating system(s)

Windows

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

15. Number of technical/professional staff in national spectrum management? 75 (just for the center)

16. Number of support staff in national spectrum management?

25 (just for the center)

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

not include the
province level

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

- ✓ a) National Spectrum Management, version 1995 ?
- ✓ b) Spectrum Monitoring¹, version 1995?
- ✓ c) Computer-aided Techniques for Spectrum Management, version 1999?
- ✓ d) HF Broadcasting System Design, version 1999?
- ✓ e) Report SM.2012, Economic Aspects of Spectrum Management, version 1997²?
- f) Windows Basic Automated Spectrum Management System (WinBASMS) Software
Version 1997, Manual Version 1997

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

All the handbooks which produced by ITU-R.

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.

