## Liberia

Part I

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

1.	Mr./Ms	Pannoh	Gabriel	W.
	_	Family Name	Firs	t Name
2.	Country	Liberia, Republic of		
3.	Name of	the Administration/Organization Mir	nistry of Posts and	relecommunications
4.	Title	DIRECTOR FOR TECHNICAL SERVICE	CES	
5.	Address_	Ministry of Posts and Telec	ommunications	
		Office Box G P O VIA, LIBERIA		
6.	Tel.:( <u>23</u>	1) 226079 Fax: (231) <b>-</b> E	-Mail:	

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

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Part I
Section IV - Table of Frequency Allocations (extract from the RR, 1998)

#### 27.5-47 MHz

	Read only		To be com	pleted
	Allocation to services			
Region 1	Region 2	Region 3	National Allocation	Remarks
27.5-28	METEOROLOGICAL AIDS FIXED MOBILE		Fixed Mobile	
28-29.7	AMATEUR AMATEUR-SATELLITE		Fixed 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 S5.149		Fixed Mobile	
38.25-39.986	FIXED MOBILE		Fixed /Mobile	
39.986-40.02	FIXED MOBILE Space research		Fixed Mobile	
10.02-40.98 FIXED  MOBILE  S5.150		Fixed Mobile		

	Read only			pleted
Allocation to services				
Region 1	Region 2	Region 3	National Allocation	Remarks
10.98-41.015	FIXED			- Temarks
	MOBILE		Fixed	
	Space research		Mobile	
	S5.160 S5.161			
11.015-44	FIXED			
	MOBILE		Fixed	
<u></u>	S5.160 S5.161		Mobile	
4-47	FIXED			
	MOBILE		Fixed	
	S5.162 S5.162A		Mobile	

#### 47-75.2 MHz

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

7		
D		
3		

	Read only	To be com	pleted	
	Allocation to services			
Region 1	Region 2	Region 3	National Allocation	Remarks
68-74.8	68-72	68-74.8		
FIXED	BROADCASTING	FIXED	Fixed	
MOBILE except aeronautical	Fixed	MOBILE	Mobile	
mobile	Mobile		120110	
	S5.173			
	72-73			
	FIXED		Fixed	
	MOBILE		Mobile	
	73-74.6			
	RADIO ASTRONOMY			
	S5.178			
	74.6-74.8			
	FIXED		7	
	MOBILE		Fixed	
\$5.149 \$5.174 \$5.175 \$5.177			Mobile	
\$5.179		S5.149 S5.176 S5.179		
74.8-75.2	AERONAUTICAL RADIONAV	/IGATION	Aeronautical	
	S5.180 S5.181		Navigation	

		75.2-137.175 MHz		
	Read only		To be c	ompleted
	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 S5.179 75.4-76 FIXED MOBILE	75.4-87 FIXED MOBILE	Fixed Mobile Fixed Mobile	
S5.175 S5.179 S5.184 S5.187	76-88 BROADCASTING Fixed Mobile	S5.149 S5.182 S5.183 S5.188 87-100 FIXED	Fixed Mobile Tixed	Portion of this band is used for Broadeast.
87.5-100 BROADCASTING	S5.185	MOBILE BROADCASTING	Mobile Broadcasting	15 used 101 broadeast
S5.190	88-100 BROADCASTING		Broadcasting	
100-108	BROADCASTING S5.192 S5.194		Broadcasting	
108-117.975	AERONAUTICAL RADIONAV S5.197	/IGATION		
13.7.975-137	AERONAUTICAL MOBILE (R S5.111 S5.198 S5.199 S5.200 S5.203B	S5.201 S5.202 S5.203 S5.203A	Fixed Areonautical Mobile (or)	

	Read only		To be com	pleted
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		Fixed Mobile	
37.025-137.175  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		Fixed Mobile		
		137.175-148 MHz		
137.175-137.825	SPACE OPERATION (space-to-Earth) METEOROLOGICAL-SATELLITE (space MOBILE-SATELLITE (space-to-Earth) S5 SPACE RESEARCH (space-to-Earth) Fixed Mobile except aeronautical mobile (R) S5.204 S5.205 S5.206 S5.207 S5.208	-to-Earth)	Fixed Mobile	

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	Read only		To be com	pleted
	Allocation to services	A Addison to the second		
Region 1	Region 2	Region 3	National Allocation	Remarks
137.825-138	SPACE OPERATION (space-to-Ear METEOROLOGICAL-SATELLITE SPACE RESEARCH (space-to-Earth Fixed Mobile-satellite (space-to-Earth) S5. Mobile except aeronautical mobile (I S5.204 S5.205 S5.206 S5.207 S5.2	(space-to-Earth)  1)  1.208A S5.209	Fixed Mobile	
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	
143.6-143.65 AERONAUTICAL MOBILE (OR) SPACE RESEARCH (space-to-Earth) S5.211 S5.212 S5.214	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	
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	
	AMATEUR S5.120 AMATEUR-SATELLITE S5.216		Amat cur	

		Part I		15
	Read only		To be com	pleted
	Allocation to services			
Region 1	Region 2	Region 3	National Allocation	Remarks
146-148 FIXED MOBILE except aeronautical mobile (R)	146-148 AMATEUR S5.217	146-148 AMATEUR FIXED MOBILE S5.217	Fixed Mobile	
FIXED  MOBILE except aeronautical mobile (R)  MOBILE-SATELLITE (Earth-to-space) S5.209  S5.218 S5.219 S5.221	FIXED  MOBILE  MOBILE-SATELLITE (Earth-to-space) \$5.209  \$5.218 \$5.219 \$5.221		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		Fixed Mobile		
FIXED MOBILE except aeronautical mobile RADIO ASTRONOMY S5.149	150.05-156.7625 FIXED MOBILE		Fixed Mobile	
153-154  FIXED  MOBILE except aeronautical mobile (R)  Meteorological Aids		Fixed Mobile		

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	Read only		To be comple	eted
	Allocation to services			
Region 1	Region 2	Region 3	National Allocation	Remarks
154-156.7625				
FIXED			,	
MOBILE except aeronautical mobile (R)			Fixed Mobile	
S5.226 S5.227	S5.225 S5.226 S5.227			
156.7625-156.8375	MARITIME MOBILE (distress and	d calling)		
	S5.111 S5.226	<u>.</u> .	Maritime Nobile	
156.8375-174	156.8375-174		(distress and calling)	
FIXED	FIXED		Fixed	
MOBILE except aeronautical mobile	MOBILE		Mobile	
S5.226 S5.229	S5.226 S5.230 S5.231 S5	5.232		
174-223	174-216	174-223		· · · · · · · · · · · · · · · · · · ·
BROADCASTING	BROADCASTING	FIXED		
	Fixed	MOBILE		
	Mobile	BROADCASTING		
	S5.234			
	216-220		Broadcasting	
	FIXED			
	MARITIME MOBILE			
	Radiolocation S5.241			
	S5.242			
\$5.235 \$5.237 \$5.243		S5.233 S5.238 S5.240 S5.245		

	Read only			pleted
	Allocation to services			
Region 1	Region 2	Region 3	National Allocation	Remarks
	220-225			
223-230	AMATEUR	223-230		
BROADCASTING	FIXED	FIXED		
Fixed	MOBILE	MOBILE		
	Radiolocation S5.241	BROADCASTING	Bro adcasting	
		AERONAUTICAL RADIONAVIGATION	DIO aucasi Hig	
		Radiolocation		
85.243 S5.246 S5.247		S5.250		
230-235		230-235		
FIXED		FIXED		
MOBILE		MOBILE		
		AERONAUTICAL RADIONAVIGATION	Fixed Mobile	
S5.247 S5.251 S5.252		S5.250	POD III e	
235-267	FIXED			
	MOBILE		*Fixed	
	S5.111 S5.199 S5.252 S5.254	S5.256	Mobile	
267-272	FIXED			
	MOBILE		Fixed	
	Space operation (space-to-Earth	)	Mobile	
	S5.254 S5.257			
272-273	SPACE OPERATION (space-to-	-Earth)		
	FIXED		Fixed	
	MOBILE		Mobile	
	S5.254			

	Read only		To be com	pleted
Allocation to services				
Region 1	Region 2	Region 3	National Allocation	Remarks
273-312	FIXED			
	MOBILE		Fixed	
	S5.254		Mobile	
312-315	FIXED			
	MOBILE		Fixed	
	Mobile-satellite (Earth-to-space) S5.254 S5.255		Mobile	
315-322	FIXED			
	MOBILE		Fixed	
	S5.254		Mobile	
322-328.6	FIXED			
	MOBILE		, m.	
	RADIO ASTRONOMY		Fixed	
	S5.149		Mobile	
328.6-335.4	AERONAUTICAL RADIONAVIGATION	V		
	S5.258 S5.259			

### 335.4-410 MHz

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

	Read only		To be com	pleted
	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			Kellarks
400.05-400.15	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		Fixed	
401-402	METEOROLOGICAL AIDS SPACE OPERATION (space-to-Earth) EARTH EXPLORATION-SATELLITE (Earth-to-space) METEOROLOGICAL-SATELLITE (Earth-to-space) Fixed		Fixed Mobile	
402-403	Mobile except aeronautical mobile  METEOROLOGICAL AIDS  EARTH EXPLORATION-SATELLITE (Earth-to-space)  METEOROLOGICAL-SATELLITE (Earth-to-space)  Fixed  Mobile except aeronautical mobile		Fixed Mobile	
103-406	METEOROLOGICAL AIDS Fixed		Fixed Mobile	
106-406.1	Mobile except aeronautical mobile  MOBILE-SATELLITE (Earth-to-space)  S5.266 S5.267			

Read only  Allocation to services		To be completed		
Region 1	Region 2	Region 3	National Allocation	Remarks
406.1-410	FIXED			
	MOBILE except aeronautical mobile		Fixed	
	RADIO ASTRONOMY		Mobile	
S5.149			LIODITE	

#### 410-470 MHz

410-420	FIXED 410-470 MHZ	
	MOBILE except aeronautical mobile	Fixed
	SPACE RESEARCH (space-to-space) S5.268	Mobile
420-430	FIXED	120110
	MOBILE except aeronautical mobile	Fixed
	Radiolocation	Mobile
	S5.269 S5.270 S5.271	
430-440	430-440	
AMATEUR	RADIOLOCATION	Fixed/
RADIOLOCATION	Amateur	Amateur/Mobile
\$5.138 \$5.271 \$5.272 \$5.273 \$5.274 \$5.275 \$5.276 \$5.277 \$5.280 \$5.281 \$5.282 \$5.283	\$5.271 \$5.276 \$5.277 \$5.278 \$5.279 \$5.281 \$5.282	Fixed Mobile
440-450	FIXED	
	MOBILE except aeronautical mobile Radiolocation	Fixed
	\$5.269 \$5.270 \$5.271 \$5.284 \$5.285 \$5.286	Mobile
450-455	FIXED	
	MOBILE	
	S5.209 S5.271 S5.286 S5.286A S5.286B S5.286C S5.286D S5.286E	

Read only  Allocation to services			To be com	pleted
Region 1	Region 2	Region 3	National Allocation	Remarks
455-456	455-456	455-456		
FIXED	FIXED	FIXED	Fixed	
MOBILE	MOBILE	MOBILE	Mobile	
	MOBILE-SATELLITE (Earth-to-space) S5.286A S5.286B S5.286C			
S5.209 S5.271 S5.286A S5.286B S5.286C S5.286E	S5.209 S5.271	S5.209 S5.271 S5.286A S5.286B S5.286C S5.286E		
456-459 FIXED MOBILE			Fixed	
			Mobile	
	S5.271 S5.287 S5.288		HOUTTE	
459-460	459-460	459-460	Fixed	
FIXED	FIXED	FIXED	Mobile	
MOBILE	MOBILE	MOBILE		
MODINE.	MOBILE-SATELLITE (Earth-to-space) S5.286A S5.286B S5.286C			
\$5.209 \$5.271 \$5.286A \$5.286B		S5.209 S5.271 S5.286A S5.286B		
S5.286C S5.286E	S5.209 S5.271	S5.286C S5.286E		
460-470	FIXED		Fixed	
	MOBILE		Mobile	
	Meteorological-Satellite (space-to-	-Earth)	120110	
	\$5.287 \$5.288 \$5.289 \$5.290			

470-890 MHz

		470-890 MHz						
	Read only			pleted				
	Allocation to services							
Region 1	Region 2	Region 3	National Allocation	Remarks				
470-790	470-512	470-585						
BROADCASTING	BROADCASTING Fixed Mobile S5.292 S5.293 512-608	FIXED MOBILE BROADCASTING  S5.291 S5.298  585-610 FIXED	FIXED  MOBILE  BROADCASTING  Fixed  Mobile  Broadcasting	MOBILE BROADCASTING  Broadcasting	MOBILE BROADCASTING  Broadcasting	MOBILE BROADCASTING  Mobile Broadcasting	Fixed  LE  DCASTING  Broadcasting	
	BROADCASTING S5.297							
	608-614  RADIO ASTRONOMY  Mobile-satellite except aeronautical mobile-satellite (Earth-to-space)	MOBILE BROADCASTING RADIONAVIGATION S5.149 S5.305 S5.306 S5.307 610-890						
\$5.149 \$5.291A \$5.294 \$5.296 \$5.300 \$5.302 \$5.304 \$5.306	614-806 BROADCASTING Fixed Mobile	FIXED MOBILE BROADCASTING						
\$5.311 \$5.312 <b>790-862</b>	S5.293 S5.309 S5.311 806-890							
FIXED BROADCASTING S5.312 S5.314 S5.315 S5.316 S5.319 S5.321	FIXED MOBILE BROADCASTING							
862-890								
FIXED MOBILE except aeronautical mobile			Fixed Mobile Broadcasting					
BROADCASTING S5.322								

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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	890-902	890-942	
FIXED	FIXED	FIXED	Fixed
MOBILE except aeronautical	MOBILE except aeronautical mobile	MOBILE	Mobile
mobile	Radiolocation	BROADCASTING	Broadcasting
BROADCASTING S5.322	S5.318 S5.325	Radiolocation	
Radiolocation			
	902-928		
	FIXED		
	Amateur		Fixed
	Mobile except aeronautical mobile		Mobile
	Radiolocation		Breadcasting
	S5.150 S5.325 S5.326		
	928-942		
	FIXED		Fixed
	MOBILE except aeronautical mobile		Mobile
	Radiolocation		Broadcasting
\$5.323	S5.325	S5.327	
942-960	942-960	942-960	
FIXED	FIXED	FIXED	***
MOBILE except aeronautical	MOBILE	MOBILE	Fixed
mobile		BROADCASTING	Mobile
BROADCASTING S5.322			B <b>r</b> oad <b>c</b> asting
\$5.323		S5.320	

Part II

Attachment 2

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# 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).

Cor	untry LIBERIA	,	_
Foo	cal point		
Ma	e following general questions on national spectrum sectional requirements of spectrum management desc nagement." If you need additional space to answer to set of paper.	ribed in the handbook on	"National Spectrum
1.	Do you have a national law governing spectrum i	nanagement?	YES <u>x</u> NO
	- Last date this law was changed or modified?	-	1978
	- Are any actions planned to change this law?	Y	ÆS <u>*</u> NO_
	Have any problems been identified? and if so, do solving them?	you need any assistance f	from the ITU in
	Yes. The assistance of the ITU is requ	ired, since the whol	e system
	was disorganized during our civil cr		S, S O OM
2.	Have you published regulations and procedures for services, license requirements etc.)?	or national spectrum mana	ES NOT Me are
	Have any problems been identified? and if so, do solving them?	you need any assistance f	from the ITU in
	During the de-factor administrations(2 management was left at the will and ple	governments) in Likasure of any one	peria, spectrum
3.	Do you have a national radio frequency spectrum	allocation table? Y	ES <u>*</u> NO
	Have any problems been identified? and if so, do solving them?	you need any assistance fi	rom the ITU in
	With the introduction of new technolog	ies in the telecommu	miL.
	of Liberia, ITU is needed to help frame	e our system.	uncation sector

	Part II	- - 138 (1)	
		All and the second seco	
4.	Do you have technical specifications for national spectrum use?	YES_ NO_	
	Have any problems been identified? and if so, do you need any as solving them?	ssistance from the ITU in	
	No. can be handled in line with appropriate regulat	tions that are being	
	derived.		
5.	Do you have a need for any spectrum redeployment*?	YES_x NO	
asses use;	e term "redeployment" is used here to refer to a process of national assment is conducted 1) to determine if portions of spectrum can be in and 2) to determine if such spectrum segments can be reallocated for communication services that have expanding spectrum requirements	identified that are in limited for use in delivering	
	- If so, do you have a strategy for achieving this redeployment in reand for given radiocommunication services?	respective frequency bands YES_NOx Not yet.	
	- Please define the established strategy and describe the nature of the users regarding the potential costs resulting from the planned redep	the consultation, if any, with ployment.	
6.	What is the total cost of national spectrum management functions provernment (expressed in Swiss francs)?	performed by your 60,000 SF	
	- What is the source of the funding required to accomplish these sp functions?	pectrum management	
	This exercise has been conducted by our Covernment	through the Ministry	
	of Posts and Telecommunications. Ifforts are under	eway to change.	
7.	Do you have a method for establishing spectrum users' fees?	YES_X NO	
	- If so, please give a brief description of the method used in establishment of the method used in est		
	Constant; AC -Application Constant; MC - Maximum Cha		
8.	Do you maintain centralized databases for spectrum management?	YES NOx Centralize	đ
	- What is the approximate size of your database (expressed in number of records)?	Manual Syst	en

Part II

- Do you have a computerized data base management system (DBMS)?	YESNO <u>≖</u> about
- What DBMS system do you use?	start.
- Are these frequency assignment records available to pul	blic? YES_x NO_
Have any problems been identified? and if so, do you nee solving them?	ed any assistance from the ITU in
There are no major problems in this area; bu	ut general assistance is neede
from the ITU.	
Do you notify frequency assignments to the ITU?	YESNO_x Not
Have any problems been identified? and if so, do you need solving them?	Pres ed any assistance from the ITU in
Yes.	
Have any problems been identified? and if so, do you need solving them?  Yes, ITU is needed to help develop and map	
. Do you perform technical analyses of frequency assignme	ent requests? YES_NO_
Have any problems been identified? and if so, do you nee solving them?	ed any assistance from the ITU in
Yes.	
Do you perform radio monitoring?	YES_x_NO
- number of fixed monitoring stations	None
<ul> <li>facilities available at fixed monitoring stations</li> <li>monitoring up to MHz</li> <li>direction finding up to MHz</li> </ul>	

#### Part II.

	- number of mobile monitoring stations	Mone				
	- facilities available at mobile monitoring stations monitoring up to MHz direction finding up to MHz  Have any problems been identified? and if so, do you need any assistance from the ITU in solving them?					
	Lack of Monitoring equipment. All equipment go	t destroyed by fire tha				
	gutted our Central Office in 1996.					
13.	Do you perform technical analyses of radio frequency interfere complaints?	ence YES <u>x</u> NO				
	- Do you have an established consultation process, involving Government and non-government organization, for resolving these complaints?  YES X NO					
	Have any problems been identified? and if so, do you need any assistance from the ITU in solving them?					
	Additional methods required if different from ours.					
14.	What computers and operating systems are in use for national s	spectrum management?				
	Type of computers	None				
	Operating system(s)	None				
	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? _Six(6)_					
16.	Number of support staff in national spectrum management?	Eight(8)				
17.	Describe your country's spectrum management structure (Please organization chart).	e enclose a copy of				

18.

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Do you	use the ITU-R Handbooks and Reports on:					
a)	National Spectrum Management, version 1995?					
b)	Spectrum Monitoring <sup>1</sup> , version 1995?	Yes				
c)	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 1997 <sup>2</sup> ?					
f)	Windows Basic Automated Spectrum Management System (WinBASMS) Software Version 1997, Manual Version 1997					
What additional information/handbooks do you need from the ITU?						
The Updated version of National Spectrum Management handbook is needed						
	ing items a - e of the above handbooks.	<del></del>				

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

<sup>1</sup> 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.

 $<sup>^2</sup>$  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.