



NASB NEWSLETTER www.shortwave.org

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Radio Free Asia (RFA) Board Appoints New President

WASHINGTON, Sept. 8, 2005—The Board of Directors of Radio Free Asia (RFA) today appointed Vice President for Administration and Finance Libby Liu as the organization’s new President.

Liu succeeds RFA’s founding president, Richard Richter, who retired in July. She holds a bachelor’s degree from the University of California-Berkeley, an MBA from the Wharton School, and a J.D. from the University of Pennsylvania.

Funded by an annual grant from the bipartisan Broadcasting Board of Governors (BBG), RFA (www.rfa.org) is a private, nonprofit corporation that broadcasts news and information in nine languages to listeners in Asia where full, accurate, and timely news reports are unavailable.

The RFA Board issued the following statement:

“Finding a replacement for Dick Richter has been a difficult process. He created a broadcast organization with impeccable journalistic credentials to promote freedom and democracy in Asia. It is critical that RFA maintain and perfect that strong foundation. To find a successor, the Board initiated a nationwide search for potential candidates. The response to public notices provided a number of well-qualified applicants who were interviewed by members of the Board. RFA Board member and media executive Joaquin Blaya led the search and coordinated the interviews.

“As the search and interview process proceeded, it became clear that the best candidate was already employed at RFA. As Vice President for Administration and Finance, Ms. Liu has demonstrated her managerial expertise in guiding RFA through a challenging period of internal changes. In her nearly two years at RFA, Ms. Liu has strengthened communication and trust between RFA management and its broadcast staff.

“The Board believes Ms. Liu’s credentials will serve RFA and its mission well. With business and law degrees, experience in administration, strategic planning, and human resource management, as well as the practice of law, Ms. Liu offers a unique mix of skills well-suited to the continued recognition of RFA as a premier international broadcaster in Asia. Her Asian heritage and Mandarin language skills only add to her ability to connect with RFA’s employees and broadcast mission.”

For more information, contact RFA Communications Director Sarah Jackson-Han, 202-530-7774 or go to www.rfa.org

Preparations are well under way for the WRC-07 meetings. This questionnaire below will provide useful information to planners about present and future frequency needs in the 4-10 MHz range---one of the items to be considered at the Conference.

The questionnaire was prepared by the European Broadcasting Union (EBU) and was sent to us by Oldrich Cip, Chairman of the High Frequency Coordinating Conference (HFCC). The NASB recently became a member of the HFCC, and we urge all of our members to fill out the questionnaire and return it to the EBU as directed before the end of September in order to make our views known.

EUROPEAN BROADCASTING UNION

UNION EUROPEENNE DE RADIO TELEVISION



**Technical
Department**

Département Technique

QUESTIONNAIRE ON FUTURE REQUIREMENTS FOR HF BROADCASTING

The Agenda for the International Telecommunication Union (ITU) World Radio Conference to be held in 2007 (WRC-07) includes an item (1.13) dealing with, among other things, consideration of additional spectrum for the broadcasting service in the range 4-10 MHz. Broadcasting statistics derived from the operational database created by the informal coordination groups under Article 12 of the ITU Radio Regulations confirm the need for additional spectrum to reduce the level of congestion. However, these are just for previous and current broadcasting seasons. To complete the justification for additional spectrum, a forecast of HF broadcasting requirements is needed for the mid- and long-term future (10 years or more). This questionnaire is designed to provide an initial response to this missing information.

Alongside existing analogue services, one of the issues for the mid- to longer term future is the impact the use of digital modulation techniques will have on spectrum requirements. The recommended digital system for the HF bands is Digital Radio Mondiale (DRM). Transmissions using DRM were officially launched on 16th June 2003 to coincide with WRC03. The launch of the first commercial receivers for DRM is expected at the International Funk Ausstellung (IFA - Berlin) during September 2005.

It is recognised that providing a realistic forecast for 5 years or more into the future is very difficult. However, providing the "best guess" forecast will be very helpful in determining spectrum needs for the HF broadcasting service into the future.

Questionnaire on High Frequency Broadcasting Requirements

1. Name of your organisation? _____
2. Country? _____
3. Frequency Management Organisation (FMO) Code? (if applicable) _____

[The FMO code for private U.S. shortwave broadcasters is FCC.]

4. What best describes your organisation?
 - a. Commercial broadcaster
 - b. Public Service broadcaster
 - c. Service provider
 - d. OtherPlease specify _____

5. Do you use the HF bands (3-30 MHz) for broadcasting?
 - a. Yes
 - b. Considering
 - c. No If "No", then go directly to question 11

If you use or are planning to use the HF bands, what type of broadcasting do you do?

- a. International
- b. National
- c. Local (e.g. 26 MHz)

6. If you use or are considering using the HF bands, what are your future plans regarding HF frequency requirements compared to current usage? If you are considering changing your current usage, can you also please estimate the extent of change in HF spectrum usage if possible.

a.

Next 5-years					
		< 25%	25 – 50%	50 – 75%	> 75%
More	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Less	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Same	<input type="checkbox"/>				
Don't Know	<input type="checkbox"/>				

b.

Next 10-years					
		< 25%	25 – 50%	50 – 75%	> 75%
More	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Less	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Same	<input type="checkbox"/>				
Don't Know	<input type="checkbox"/>				

c.

Next 15-years					
		< 25%	25 – 50%	50 – 75%	> 75%
More	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Less	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Same	<input type="checkbox"/>				
Don't Know	<input type="checkbox"/>				

8. Do you use or are you planning to use digital modulation (i.e. DRM) in the HF bands?

	Yes	No	Don't Know
Now	<input type="checkbox"/>	<input type="checkbox"/>	
In 5 years	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
In 10 years	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
In 15 years	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

9. What are or will be your target service area(s) and service periods? (Tick all that apply)

a.

Now					
	Breakfast	Midday	Drive-time	Evening	Night-time
Europe	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Africa	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Middle East	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Asia	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Americas	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Oceania	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

b.

Next 5 years					
	Breakfast	Midday	Drive-time	Evening	Night-time
Europe	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Africa	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Middle East	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Asia	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Americas	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Oceania	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

c.

Next 10 years					
	Breakfast	Midday	Drive-time	Evening	Night-time
Europe	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Africa	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Middle East	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Asia	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Americas	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Oceania	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

d.

Next 15 years					
	Breakfast	Midday	Drive-time	Evening	Night-time
Europe	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Africa	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Middle East	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Asia	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Americas	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Oceania	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

10. If you intend to transmit to a given target area at a given time using digital modulation, are you planning to transmit the same programme using analogue modulation on a different frequency?

	Yes	No	Don't Know
Now	<input type="checkbox"/>	<input type="checkbox"/>	
For 5 years	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
For 10 years	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
For 15 years	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

11. Comments _____

When completed, please return to:

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News Release

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Contact: Siriol Evans, DRM, pressoffice@drm.org

DRM-Capable Consumer Products Unveiled at IFA: Sangean, Roberts, Morphy Richards, Bosch, Panasonic, Visteon and CT/AFG/Himalaya

Next Stop: Industry Briefing at IBC, Amsterdam, September 10

Berlin – The world's first, affordable DRM™-capable consumer receivers, as well as car radios, have just been unveiled at the consumer electronics show IFA, in Berlin. These products will also be showcased in Amsterdam at the International Broadcasting Convention (IBC), September 9-12. DRM (Digital Radio Mondiale™) is the world's only non-proprietary, universally standardized, digital on-air system for short-wave, medium-wave/AM and long-wave.

DRM Members Texas Instruments and RadioScape introduced three multi-standard, tabletop consumer radios with DRM, DAB (Digital Audio Broadcast), FM - RDS, LW, MW and SW capabilities, which use RadioScape's RS500 module and TI's DRM350 multi-standard digital radio baseband. The Roberts receiver has Pause Plus (for digital pause and rewind), built-in stereo speakers, and runs on batteries or mains electricity. The Morphy Richards receiver has mmc or sd card storage, and is capable of record or playback. And Sangean's radio features MP3, plus mmc or sd card storage.

DRM Member Coding Technologies, in cooperation with AFG Engineering GmbH and Himalaya (Power) Electronics, demonstrated a DRM-capable radio based on Analog Devices' Blackfin®. Additionally, DRM Member Fraunhofer IIS has developed a complete DRM processing chain for integration into a DRM- only or multi-standard receiver IC, supplemented by Coding Technologies' Audio Decoder Library.

DRM Member Robert Bosch GmbH presented a modified car receiver with DRM capabilities. In collaboration with DRM Member RTL Group, Visteon Corporation demonstrated its in-vehicle

DRM, FM & AM CD Tuner. Panasonic showcased an OEM DRM-capable car radio prototype. “The arrival of a range of consumer-priced, DRM-capable products at IFA marks the European launch of DRM,” said DRM Chairman and Deutsche Welle COO Peter Senger. “The timing is excellent --- at the same time that popular commercial stations and respected public broadcasters are increasing the availability of DRM content, DRM-capable consumer products are heading for the shops for Christmas 2005.”

RTL Group announced at IFA that it is broadcasting three DRM services, in German, French and English. Deutsche Welle is broadcasting 90 hours of DRM content per day, and will launch a new channel designed for European listeners in 2006.

BBC World Service launched its DRM Europe service to the Benelux countries, and neighboring France and Germany, with 18 hours of DRM content per day, delivered from three transmitters. DeutschlandRadio is broadcasting 24 hours of DRM content per day on both medium-wave and long-wave, and has announced that all its transmitters will be DRM-capable by 2006 for German national broadcasts. Radio Netherlands, Voice of Russia, TruckRadio, TDPradio, and CVC are sending DRM broadcasts. WRN announced plans for a DRM service to Europe, as well as a 26 MHz and medium-wave DRM test project in London. TDF and French broadcasters RFI, Radio France, RTL, Europe 1, Radio de la Mer, Superloustic, Radio Orient, Radio Télérama, Radio Nouveaux Talents, Beur FM and Littoral AM joined together for a special DRM transmission at IFA. T-Systems broadcast RADIO1 during the show.

Recently, UK commercial broadcasters Virgin Classic Rock, Classic Gold Digital, Asian Sound Radio, Premier Christian Radio and CVC conducted a medium-wave DRM pilot scheme in the UK, provided by VT Communications. DRM programs from Radio Sweden, TDF Radio, Radio Vatican, Radio New Zealand International, Radio Australia, Radio Taiwan International, TalkSPORT, Radio Kuwait, Radio Korea International, BYU Radio, SWR Das Ding, biteXpress, Bavarian Radio B2-B5akt and Campus Radio are also available in Europe.

An open standard, DRM has received the endorsement of the European Telecommunications Standards Institute (ETSI), the International Telecommunications Union (ITU) and the International Electrotechnical Committee (IEC). While DRM currently covers the broadcasting bands below 30 MHz, the DRM consortium voted in March 2005 to begin the process of extending the system to the broadcasting bands up to 120 MHz. This will enhance the range of non-proprietary, digital radio solutions offered worldwide by the DRM Consortium and the World DAB Forum, which work together on projects of mutual interest. The design, development and testing phases of DRM's extension, which are being conducted by the DRM consortium, are expected to be completed by 2007-2009.

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