

STATUS REPORT

Organisation:	Myanma Radio and Television		
Period:	2013-2025	Date of Report:	27 th August, 2025

PART A

Technical Developments during the past year:

- System upgrades/changes to practices for improved quality/efficiency
Myanmar Radio and Television (MRTV) has been undergoing significant technical upgrades to its TV transmission capabilities, largely driven by the global shift from analog to digital broadcasting. So the following projects have been carried out ; Shifting from Analog to Digital, High-Definition (HD) Broadcasting, Direct-to-Home (DTH) System implementation, Upgrading of Infrastructure and Studios, Digitalization of Content, New room system upgrading, channel rebranding, expansion of FM radio coverage, Establishing of DAB radio transmission and internet on line broadcasting (MRTV Apk & Radio Apk, Web Portal and Social Media)
- New Services/new projects initiated
MRTV mobile application for iOS and android to improve live streaming quality and user experience.
- Research projects
TV whitespace, To broadcast MRTV In-house channels on OTT platform. Research on AI based automatic captioning and speech to texts for news programs. Implementing of AI in broadcasting industry, OTT implementation and digital radio broadcasting.
- Internet and Mobile Broadcasting Services
MRTV has established a web portal (since 2013) where audiences can tune into both radio and TV news and programs. MRTV has launched MRTV TV Application (MRTV Apk) and MRTV Radio Application (MRTV Apk). We used LiveU and Haivision to broadcast for some important live events.

			Radio	Television
Coverage %			78.84	92.7
Programme Channels			6	18
Studios (Production)	File-based Set-up	R/N/D	R(Ongoing, Upgrade)	R(Ongoing, Upgrade)
	SDTV	R/N/D	-	D
	HDTV	R/N/D		(R/N)
	UHDTV			
	IP Based Set-up	R/N/D	R(Visual Radio)	R(LiveU, Aviwest)
Transmission & Delivery	HF	R/N/D	R	
	MF	R/N/D	R	

	FM	R/N/D	R	
	TV	R/N/D		R(DVB-T2)
	OTT/IBB/Internet Services	R/N/D	N	N
	Mobile Services	R/N/D	N	N

R = Replacement/upgrade

N = New

D = Discontinued

PART B
CURRENT ACTIVITIES

	Activities	Area	Brief Details: 1. Objectives 2. Progress to date	Challenges/Problems Faced: 1. Lack of resources 2. Lack of know-how 3. Others (e.g. up-skilling)	Solutions Implemented/ Type of assistance requirement from ABU
1.	Development projects/Upgrading facilities/Training	Digital Transmission	Started in 2013, total of 155 station have been completed in DVB-T2 transmission.	Budget constraint. Among of 258 stations, 103 stations need to migrate to digital.	Supported of other outsources as in funded by or Official Development Assistance from other developed countries with the help of ABU.
		HD transmission	In February 2020, MRTV Channel began regular broadcasting in HD. In 2025, all channels owned by MRTV has been to upgraded to HD format.	Requires infrastructure and technology for broadcasters to capture and produce content in 4K resolution.	Training hosted by ABU
		OTT	MRTV web portal was launched in 1st April 2013. On 2nd September 2023 , as a Mobile Application, launched of MRTV App and on 24th May of 2024 ,MRTV Radio App was also launched.		Training hosted by ABU
		Analogue Switch Off (ASO)			
		Training			

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2.	Participation in ABU Activities	ABU TV Song Festival and webinars hosted by ABU as in IP Infrastructure & Applications (March 2021), Dolby-ABU Webinar Series on Audio-Visual Technologies (May–June 2020), WorldDAB-ABU DAB+ Technical Webinar Series (October 2020), Video Compression Technologies and Applications (26 March 2021)	MRTV (Myanmar Radio and Television) actively participates in the Asia-Pacific Broadcasting Union (ABU) activities, including broadcasting events like the ABU TV Song Festival and attending various meetings and training programs. MRTV became a full member of the ABU in 1997 and has been involved in initiatives related to media development and training within the Asia-Pacific region. MRTV also participates in other ABU activities, such as the annual competition for radio and television programs (ABU Prizes), and events like the B25 Global Coordination Conference, 62nd ABU General Assembly, and ABU Media and Culture Days.	Reasons for not participating (though interested)	

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3.	Suggestions for New ABU Activities e.g. study topic projects, webinars, workshops, symposiums etc, spectrum activities, information exchange platform	Activity 1; 5 G broadcasting technological training	To deliver streaming services to mobile devices over broadcast networks. To deploy all mobile device viewers receive the live event through the 5G network.	Infrastructure requirements, limited availability of high-frequency spectrum, lack of technical resources and human skill to deploy the technology.	Proper training supported by ABU with skill full expertise.
		Activity 2 Emerging technologies for cloud based broadcasting training		Receiver penetration, Funding and Investment: Continued investment in infrastructure and technology. Regulatory Framework: Establishing a clear and supportive regulatory framework for on line broadcasting and Competition: Adapting to an increasingly competitive media landscape with the rise of online streaming services and private broadcasters.	
		Activity 3 Broadcasting over IP and cybersecurity training	Utilize to use Internet Protocol (IP) networks to transmit audio, video, and data, replacing traditional dedicated infrastructure like satellite and terrestrial networks with a more	Revolving around network infrastructure, security, and interoperability. Key issues include ensuring reliable, high-quality signal delivery, managing bandwidth effectively, and	Needed to provide the training organized by ABU.

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			flexible, scalable, and cost-effective solution.	securing content from piracy and unauthorized access.	