



Doc T-22/20-7

STATUS REPORT

Organisation:	Korean Broadcasting System (KBS)		
Period:	Oct 2021 – Oct 2022	Date of Report:	7 th Nov, 2022

PART A

Technical Developments during the past year:
<ul style="list-style-type: none"> • System upgrades/changes to practices for improved quality/efficiency <ul style="list-style-type: none"> - New development of CG S/W for sports broadcasting and advancement of existing programs - Workflow improvement by applying individual advertisement and interim advertisement transmission - Constructing a transition to the next-generation NPS system reflecting the production/editing trend
<ul style="list-style-type: none"> • New Services/new projects initiated <ul style="list-style-type: none"> - Completion of construction of AI-applied earthquake disaster broadcasting automatic transmission system - UHD innovation service and disaster specialized channel pilot broadcasting - Promotion of video/audio archive system integration - Enhancement of UHD ESG/IBB interactive supplementary service
<ul style="list-style-type: none"> • Research projects <ul style="list-style-type: none"> - Development of intelligent media attribute extraction and sharing technology - Basic research for color restoration and image quality improvement using AI technology - Vertigo 4.0 system development - Development of emotional expression service to support the hearing and visual impairment of broadcasting viewing - Standardization of disaster warning technology for UHD broadcasting - Software-defined broadcast production workflow study - Election infographic production technology development - Immersive XR production system research
<ul style="list-style-type: none"> • Internet and Mobile Broadcasting Services <ul style="list-style-type: none"> - Development of data collection method using Open API of public data portal for DMB TPEG service - 2TV Wavve real-time alternative advertisement linkage system advancement - 5G-ATSC3.0 convergence technology development

			Radio	Television
Coverage %				
Programme Channels				

Studios (Production)	File-based Set-up	R/N/D		
	SDTV	R/N/D		
	HDTV	R/N/D		
	UHDTV			
	IP Based Set-up	R/N/D		
Transmission & Delivery	HF	R/N/D		
	MF	R/N/D		
	FM	R/N/D		
	TV	R/N/D		
	OTT/IBB/Internet Services	R/N/D		
	Mobile Services	R/N/D		

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				
2.	Participation in ABU Activities	Area	Level of Participation	Reasons for not participating (though interested)	
3.	Suggestions for New ABU Activities e.g. study topic projects, webinars, workshops, symposiums etc, spectrum activities, information exchange platform	Activity 1			
		Activity 2			
		Activity 3			