

STATUS REPORT

Organisation:	Television Broadcasts Limited		
Period:	October 2024 to August 2025	Date of Report:	August 29, 2025

PART A

Technical Developments during the past year:

- System upgrades/changes to practices for improved quality/efficiency
 1. Adoption of Spine and leaf network technology for media network infrastructure
 2. Micro-segmentation of network system to enhance security for production systems.
 3. Continue Central Transcoding Farm facilities enhancement to support and 4K/UHD files conversion with HDR support.
 4. LTO will be replaced by in-house developed Digital Asset Management Solution.
 5. Adoption of Mini Workgroup editing environment for different editing needs.
 6. Enhancement of Sobey HDNLE Media Asset Management to a DOCKER platform.
 7. Adoption of A.I. Technology to streamline Production / Post Production workflow for subtitle enhancement and workflow automation.
 8. Continue SCTE customization for 3rd parties' advertisement systems to insert advertisement for OTT platform.
 9. Continue the research of low latency solution for OTT platform.
 10. Continue to use A.I. technology to do video de-noising during up-version of SD files to HD.
- New Services/new projects initiated
 1. Use Scale-Out NAS and JBOD solution for long-term deep archive solution.
- Research projects
 1. Continue the study of transcoding and cross conversion between SDR and HDR materials.
 2. Continue SD HDR and 4K/UHD HDR study.
- Internet and Mobile Broadcasting Services
 1. New DTTB technology study
 2. 5G HPHT TV study

			Radio	Television
Coverage %			NA	99%

Programme Channels			NA	5 HD
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	NA	
Transmission & Delivery	HF	R/N/D	NA	
	MF	R/N/D	NA	
	FM	R/N/D	NA	
	TV	R/N/D	NA	29 sites
	OTT/IBB/Internet Services	R/N/D	NA	
	Mobile Services	R/N/D	NA	

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)	
		Introduction to TV Production Styles (Session 1)	Engineer, update and acquire knowledge (On-line)		
		Latest Techniques in TV Production (Session 2)	Executive & Engineer, update and acquire knowledge (On-line)		
3.	Suggestions for New ABU Activities e.g. study topic projects, webinars, workshops, symposiums etc, spectrum activities, information exchange platform	Activity 1			
		Activity 2			

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		Activity 3			