

136429/2024

प्रसार भारती /Prasar Bharati  
भारत का लोक सेवा प्रसारक/(India's Public Service Broadcaster)  
दूरदर्शन महानिदेशालय/DG: Doordarshan  
दूरदर्शन भवन/Doordarshan Bhawan  
कॉपरनिकस मार्ग/Copernicus Marg  
नई दिल्ली/New Delhi-110001

File No. 14(51) 2014-E.III (Part File)/130-168 Date :30/11/2024

**Subject: Regarding migration of Existing Services of Earth Stations operated on transponder No. C-07, C-08 & C-09 of GSAT-17 Satellite.**

Consequent to up gradation of DD Earth Stations and revision of decision letter (DL) issued by WPC , the DD regional services operated on transponder No. C-07, C-08 & C-09 of GSAT-17 Satellite are to be migrated to new parameters, as per the attached phase wise migration plan.

**1.** In first phase Earth Station at DDK **Kolkata, Jalandhar, Ahmedabad, Bengaluru, Bhubaneswar & Srinagar** are being migrated in the midnight of 11/12 December, 2024.

The new approved frequency plan and parameters for configuration of modulators and Encoders, for these Earth Stations is Attached as Annexure-I. Minutes of Meeting(MOM) dated 27/11/2024 regarding migration of Existing Services of Earth Stations operated on transponder No. C-07, C-08 & C-09 of GSAT-17 Satellite is also attached as reference. For migration of services, these Kendra (s) are hereby advised to adhere the guidelines/steps emphasizes in the Minutes of meeting dated 27.11.2024.

**2.** Suitable scroll messages on all channels originating from above six Kendra are to be placed on the affected services well in advance, at the earliest in consultation with respective Programme Heads.

**3.** All zonal ADG(BO) may ensure the readiness, well in advance, by all DD Establishments in their respective zone, for reception of services

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originating from above six Kendra as per new parameters. MSOs/ Cable operators in their zones may also be apprised for change of parameters in respect of above services for smooth change in their platforms.

4. In addition, all Zonal ADG(BO)s in consultation with respective zonal ADG(P)s may also ensure to provide publicity in DD Regional Services originating from their respective zones regarding first phase migration plan, i.e. change in parameters of services originating from the above six Earth Stations.

5. DTH Earth Station Todapur and HPT Pitampura are advised for ensuring smooth changeover of DD Bangla (Kolkata), DD Punjabi (Jalandhar), DD Girnar (Ahmedabad), DD Chandana (Bengaluru), DD Odia (Bhubaneswar), (Kolkata + Jalandhar) Feed, (Ahmedabad + Bengaluru) Feed, DD Kashir (Srinagar) and (Bhubaneswar + Srinagar) Feed from their respective DTH Platform.

6. DDK Kolkata, Jalandhar, Ahmedabad, Bengaluru, Bhubaneswar & Srinagar are required to deploy C-Band DSNG Van during migration of the services, i.e. in the mid night of 11/12 December, 2024.

7. Dy. Director General (E), DDK Kolkata, Jalandhar, Ahmedabad, Bengaluru, Bhubaneswar and Srinagar are requested to implement the migration plan as per above schedule and submit the compliance report to this Directorate.

This issues with the approval of competent authority.

*issued*  
*02/12/2024*

Encl :

1. Minutes of Meeting dated 27/11/2024
2. Phase wise Migration Plan.
3. Annexure-I

*Ajay K. Dohare*

(Ajay K. Dohare)

Dy. Director General (E)

011-23114421

अजय कुमार दोहारे/AJAY KUMAR DOHARE  
उप महानिदेशक (अधि.)/Dy. Director General (Engg.)  
दूरदर्शन महानिदेशालय/DG : Doordarshan  
नई दिल्ली-110001/New Delhi-110001

S. No	Grp	Service No.	Service Name	SCPC/ MCPC	Location	Satellite	Position	TP	Uplink		Downlink		Compression & Carrier Standard	MOD	ROF	FEC	SR	BW	U/L Antenna Size (M)	Remark
									Freq. (MHz)	Pol.	Freq. (MHz)	Pol.								
<b>Existing Frequency Plan of C07 Transponder</b>																				
1	RC	DD09	DD Bangla	MCPC(2+1)	Kolkata	GSAT-17	93.5°E	C07	6176.50	V	3951.50	H	MPEG-2, DVB-S	QPSK	35%	3/4	6.25	9.0	7.20	
2	RC	DD16	DD Punjabi	MCPC(2+1)	Jalandhar	GSAT-17	93.5°E	C07	6185.50	V	3960.50	H	MPEG-2, DVB-S	QPSK	35%	3/4	6.25	9.0	7.20	
3	RC	DD13	DD Girnar	MCPC(2+1)	Ahmedabad	GSAT-17	93.5°E	C07	6194.50	V	3969.50	H	MPEG-2, DVB-S	QPSK	35%	3/4	6.25	9.0	7.20	
4	RC	DD11	DD Chandana	SCPC(1+1)	Bengaluru	GSAT-17	93.5°E	C07	6201.50	V	3976.50	H	MPEG-2, DVB-S	QPSK	35%	3/4	3.33	5.0	9.00	
FC1	NEWS	Bengaluru News Feed (2nd Carrier)	SCPC(1+1)	6206.00					V	3981.00	H	MPEG-2/4, DVB-S/2	8PSK	20%	3/4	2.90	4.0			
<b>Frequency Plan of C07 Transponder after 1st Phase of migration</b>																				
5	RC	DD09	DD Bangla	SCPC(1+1)	Kolkata	GSAT-17	93.5°E	C07	6174.00	V	3949.00	H	MPEG-2, DVB-S	QPSK	20%	3/4	2.90	4.0	7.60	
6	RC	DD16	DD Punjabi	SCPC(1+1)	Jalandhar	GSAT-17	93.5°E	C07	6178.00	V	3953.00	H	MPEG-4, DVB-S/2	8PSK	20%	3/4	2.90	4.0	7.20	
7	RC	DD13	DD Girnar	SCPC(1+1)	Ahmedabad	GSAT-17	93.5°E	C07	6182.00	V	3957.00	H	MPEG-2, DVB-S	QPSK	20%	3/4	2.90	4.0	7.60	
8	RC	DD11	DD Chandana	SCPC(1+1)	Bengaluru	GSAT-17	93.5°E	C07	6186.00	V	3961.00	H	MPEG-2, DVB-S	QPSK	20%	3/4	2.90	4.0	9.00	
9	RC	DD08	DD Odia	SCPC(1+1)	Bhubaneswar	GSAT-17	93.5°E	C07	6190.00	V	3965.00	H	MPEG-2, DVB-S	QPSK	20%	3/4	2.90	4.0	7.60	
10	FC1	News	Kolkata News Feed (2nd Carrier)	SCPC(1+1)	Kolkata	GSAT-17	93.5°E	C07	6194.00	V	3969.00	H	MPEG-2/4, DVB-S/2	8PSK	20%	3/4	2.90	4.0		Antenna shared with carrier at S. No. 5
	FC1	News	Jalandhar News Feed (2nd Carrier)	SCPC(1+1)	Jalandhar	-do-	-do-	-do-	-do-	-do-	-do-	-do-	-do-	-do-	-do-	-do-	-do-	-do-		Antenna shared with carrier at S. No. 6
	FC1	News	Ahmedabad News Feed (2nd Carrier)	SCPC(1+1)	Ahmedabad	GSAT-17	93.5°E	C07	6198.00	V	3973.00	H	MPEG-2/4, DVB-S/2	8PSK	20%	3/4	2.90	4.0		Antenna shared with carrier at S. No. 7
	FC1	News	Bengaluru News Feed (2nd Carrier)	SCPC(1+1)	Bengaluru	-do-	-do-	-do-	-do-	-do-	-do-	-do-	-do-	-do-	-do-	-do-	-do-	-do-		Antenna shared with carrier at S. No. 8
12	RC	DD14	DD Kashir	SCPC(1+1)	Srinagar	GSAT-17	93.5°E	C07	6202.00	V	3977.00	H	MPEG-2, DVB-S	QPSK	20%	3/4	2.90	4.0	7.60	
13	FC1	News	Bhubaneswar News Feed (2nd Carrier)	SCPC(1+1)	Bhubaneswar	GSAT-17	93.5°E	C07	6206.00	V	3981.00	H	MPEG-2/4, DVB-S/2	8PSK	20%	3/4	2.90	4.0		Antenna shared with carrier at S. No. 9
	FC1	News	Srinagar News Feed (2nd Carrier)	SCPC(1+1)	Srinagar	-do-	-do-	-do-	-do-	-do-	-do-	-do-	-do-	-do-	-do-	-do-	-do-	-do-		Antenna shared with carrier at S. No. 12