

Scope of for Blue Train Satellite and telephone system.

Background:

The Blue Train telephone & Satellite System was upgraded to the latest technology in 2021, however whilst the upgrade was taking place the long train derail, the upgrade program came to a halt due to unavailability of coaches. As the current train is current running, the technical /maintenance support is required to make sure the system is optimally running without and failures. Refer to the breakdown below on the work carried out prior to derailment.

The current train is made up of the following coaches:

Train Config.

- The entire train needs to be tested for full connectivity, all coaches that have no connectivity must be rectified.
- Coaches that have cabling fitted but the equipment not fitted – all cabling to be tested for connectivity and functionality. If cables are faulty, they must be replaced.
- The Current POS system is currently not operational, all tests must be carried out and rectified for full functionality.
- The Public address system must be fully tested and faults to be rectified so that the system is fully functional.
- The coaches that have not been fitted with any cables or equipment that was part of the derailment and is at the Koedoespoort Factory must also be quoted to full cabling and equipment install and fully tested individually and in train consist.

Coach Name	Coach number	Fitted with Ent & Comm system	System signed off by TFR	Derailment 1	Derailment 2	ID for Upgrade
Power Car	22933	Equipment Fitted	x	x	x	
Staff coach	2811	Equipment Fitted	x	x	x	
Club Car	814	Equipment Fitted	x	x	x	
Deluxe coach	8020	Equipment Fitted	x	x		
Deluxe coach	8018	Equipment Fitted	x	x		
Deluxe coach	8013	Equipment Fitted	x	x		
Kitchen	122	Equipment Fitted	x	x		
Dining Car	123	Equipment	x	x		

		Fitted				
Lounge Car	812	Equipment Fitted	x	x		
Luxury Coach	8005	x-Cabled		x		
Luxury Coach	8007	Equipment Fitted	x	x		
Luxury Coach	8015	Equipment Fitted	x	x		
Deluxe coach	8021	Equipment Fitted	x	x		
Observation	2813			x		
Luxury	8001	x-Cabled				
Luxury	8002	x-Cabled				x
Deluxe	8003	x-Cabled				
Deluxe	8011	x-Cabled				
Power Car	348	x-Cabled				x
Baggage Van	21006	Equipment Fitted			x	
Deluxe	8009	x-Cabled		x		
Kitchen	121					x
Dining Car	124					x
Luxury	8004					x

All equipment that is needed for the upgrade will be free issued by Transnet Engineering and items that is not part of the free issue supplier to quote for same, similar or equivalent

1. The order will be for testing and commissioning.
2. The maintenance and repairing of faults established.
3. All butlers' phones to be tested for functionality on the train.