
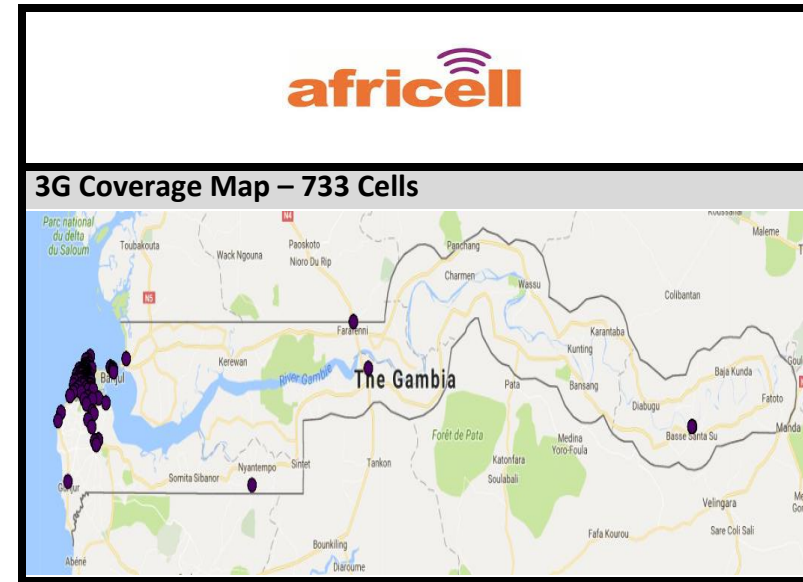

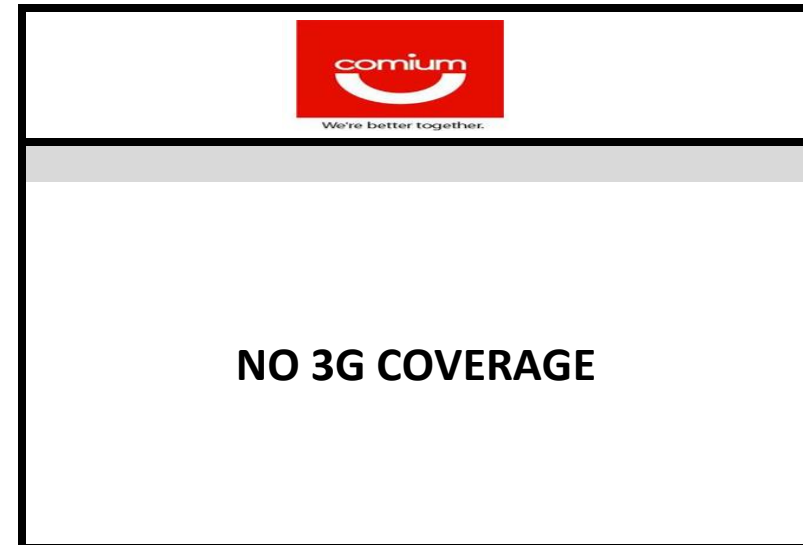


July 2017 3G 2017 Mobile Operators' 3G Quality of Service (QoS) Performance Reprt

					
	ACCESSIBILITY		RETAINABILITY		MOBILITY
Threshold	>=95%		>=95%	<=2%	>=95%
REGION	CS voice Call Setup Success Rate @ BH	PS Call Setup Success Rate @ BH	CS voice Call Drop Rate @ BH	PS Call Drop Rate @ BH	Soft HO Success Rate @ BH
GBA	98.58%	0.21%	98.84%	4.48%	99.93%
CRR	NO 3G COVERAGE IN THIS REGION				
LRR	99.10%	0.21%	95.23%	28.06%	99.98%
NBR	99.04%	0.17%	99.06%	17.86%	99.97%
URR	98.94%	0.35%	98.92%	22.79%	99.95%
WCR	98.39%	0.37%	98.22%	12.96%	99.88%




 We're better together.					
	ACCESSIBILITY		RETAINABILITY		MOBILITY
Threshold	>=95%		>=95%	<=2%	>=95%
REGION	CS voice Call Setup Success Rate @ BH	PS Call Setup Success Rate @ BH	CS voice Call Drop Rate @ BH	PS Call Drop Rate @ BH	Soft HO Success Rate @ BH
GBA	NO 3G COVERAGE IN THIS REGION				
CRR	NO 3G COVERAGE IN THIS REGION				
LRR	NO 3G COVERAGE IN THIS REGION				
NBR	NO 3G COVERAGE IN THIS REGION				
URR	NO 3G COVERAGE IN THIS REGION				
WCR	NO 3G COVERAGE IN THIS REGION				

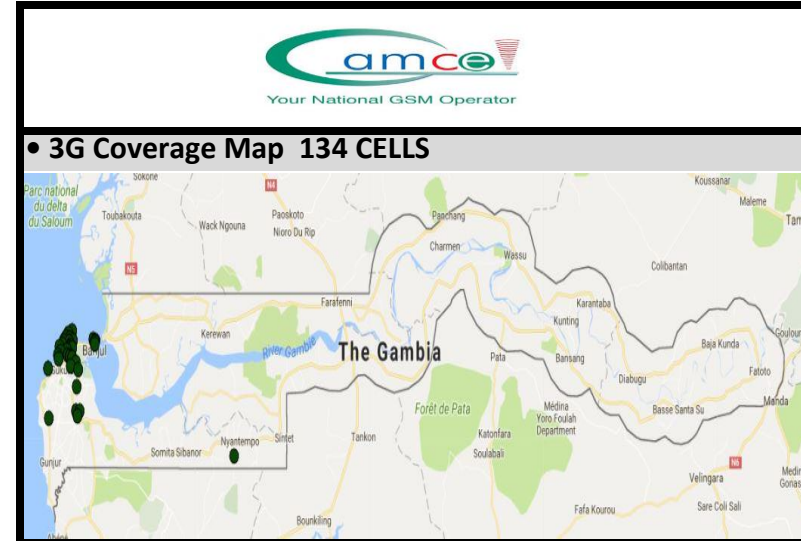



***The Figures Marked in **Red** are below the QoS requirement

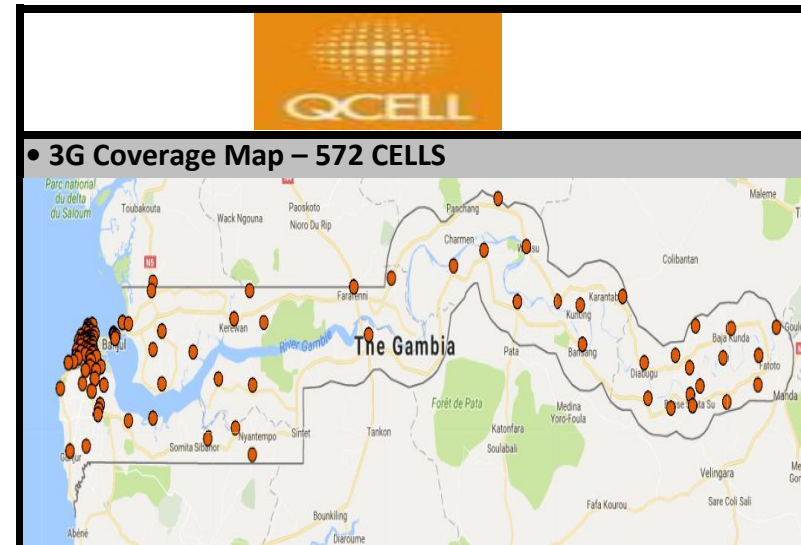
***The Figures marked in **Green** are above the QoS requirement

July 2017 3G 2017 Mobile Operators' 3G Quality of Service (QoS) Performance Reprt

 Your National GSM Operator					
	ACCESSIBILITY		RETAINABILITY		MOBILITY
Threshold	>=95%		>=95%	<=2%	>=95%
REGION	CS voice Call Setup Success Rate @ BH	PS Call Setup Success Rate @ BH	CS voice Call Drop Rate @ BH	PS Call Drop Rate @ BH	Soft HO Success Rate @ BH
GBA	95.84%	1.15%	98.73%	0.46%	99.86%
CRR	NO 3G COVERAGE IN THIS REGION				
LRR	NO 3G COVERAGE IN THIS REGION				
NBR	NO 3G COVERAGE IN THIS REGION				
URR	NO 3G COVERAGE IN THIS REGION				
WCR	78.27%	1.10%	93.38%	0.66%	99.84%



					
	ACCESSIBILITY		RETAINABILITY		MOBILITY
Threshold	>=95%		>=95%	<=2%	>=95%
REGION	CS voice Call Setup Success Rate @ BH	PS Call Setup Success Rate @ BH	CS voice Call Drop Rate @ BH	PS Call Drop Rate @ BH	Soft HO Success Rate @ BH
GBA	98.73%	0.52%	99.54%	1.00%	99.84%
CRR	94.51%	0.55%	67.95%	1.63%	99.97%
LRR	99.49%	0.58%	98.75%	0.79%	99.96%
NBR	87.94%	0.56%	94.16%	1.38%	99.94%
URR	93.28%	0.73%	71.75%	1.65%	98.77%
WCR	95.90%	1.13%	97.51%	1.15%	99.87%



***The Figures Marked in **Red** are below the QoS requirement
 ***The Figures marked in **Green** are above the QoS requirement

July 2017 3G 2017 Mobile Operators' 3G Quality of Service (QoS) Performance Reprt

Performance Indicators Definition

- ❖ Call Setup Success Rate (CSSR)– This indicator is used to measure the percentage of calls successfully established without facing blockage in the network as a ratio of the total number of call attempts made to access and establish a voice call. **(To check network accessibility)**
- ❖ Call Drop Rate (CDR) – This indicator is used to measure the percentage of calls dropped due to technical problems or coverage gaps in the service provider’s network as a ratio of the total number of calls successfully established. **(To check network retain-ability)**
- ❖ Call Success Rate (CSR) – This indicator is used to measure the percentage of calls successfully established without facing blockage in the network as a ratio of the total number of call attempts made to access and establish a voice call and then successfully terminated from the user-end without being dropped or disconnected from the network side due to a technical irregularity. **(To check service integrity)**
- ❖ Hand over Success Rate this indicator is used to measure call moving between cells to continue conversation and prevent drop call on the Network. **(To Check Mobility)**

***The Figures Marked in **Red** are below the QoS requirement

***The Figures marked in **Green** are above the QoS requirement