
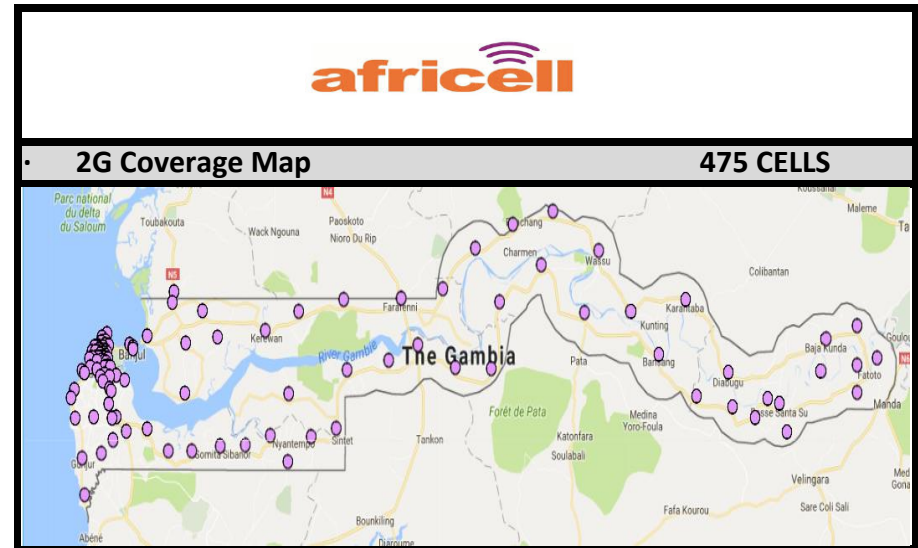

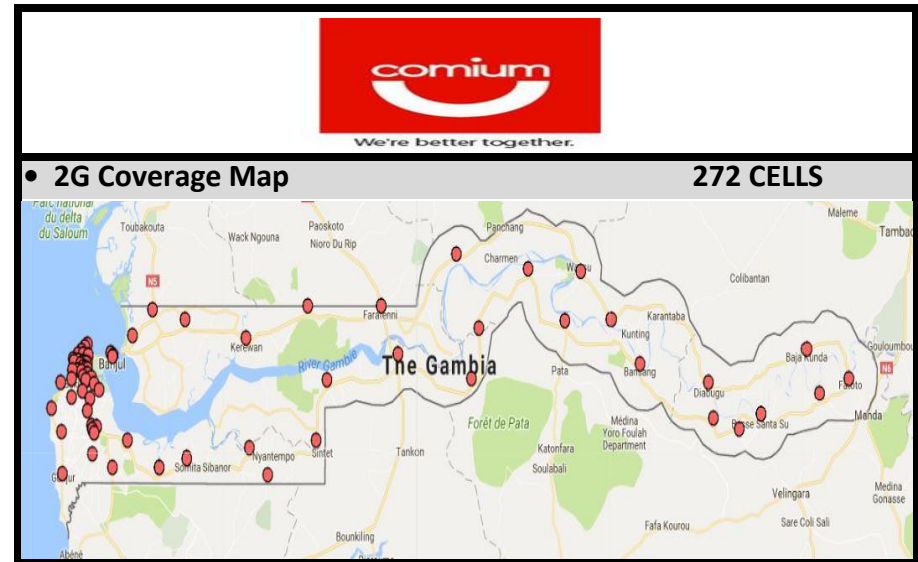


# August 2017 2G Mobile Operators' 2G Quality of Service (QoS) Performance Report

				
	ACCESSIBILITY	RETAINABILITY		MOBILITY
Threshold	>=95%	>=95%	<=2%	>=95%
REGION	Call Setup Success Rate @ BH	Call Success Rate @ BH	Call Drop Rate @ BH	HO Success Rate @ BH
GBA	96.73%	96.11%	0.63%	99.13%
CRR	94.74%	93.83%	0.96%	98.41%
LRR	93.40%	92.37%	1.10%	97.59%
NBR	94.57%	93.44%	1.19%	98.23%
URR	94.39%	93.05%	1.43%	98.23%
WCR	94.02%	93.07%	1.01%	98.02%




 We're better together.				
	ACCESSIBILITY	RETAINABILITY		MOBILITY
Threshold	>=95%	>=95%	<=2%	>=95%
REGION	Call Setup Success Rate @ BH	Call Success Rate @ BH	Call Drop Rate @ BH	HO Success Rate @ BH
GBA	95.61%	93.33%	2.38%	94.99%
CRR	95.00%	92.54%	2.59%	97.44%
LRR	95.91%	93.48%	2.53%	98.23%
NBR	94.50%	91.49%	3.19%	95.42%
URR	95.26%	93.35%	2.00%	98.82%
WCR	91.30%	88.37%	3.19%	93.58%

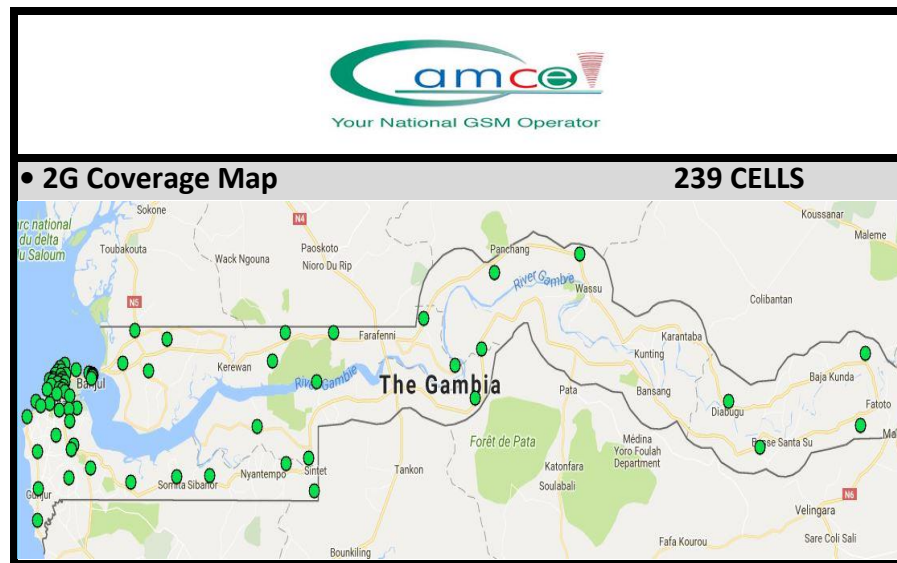



\*\*\*The Figures Marked in **Red** are below the QoS requirement

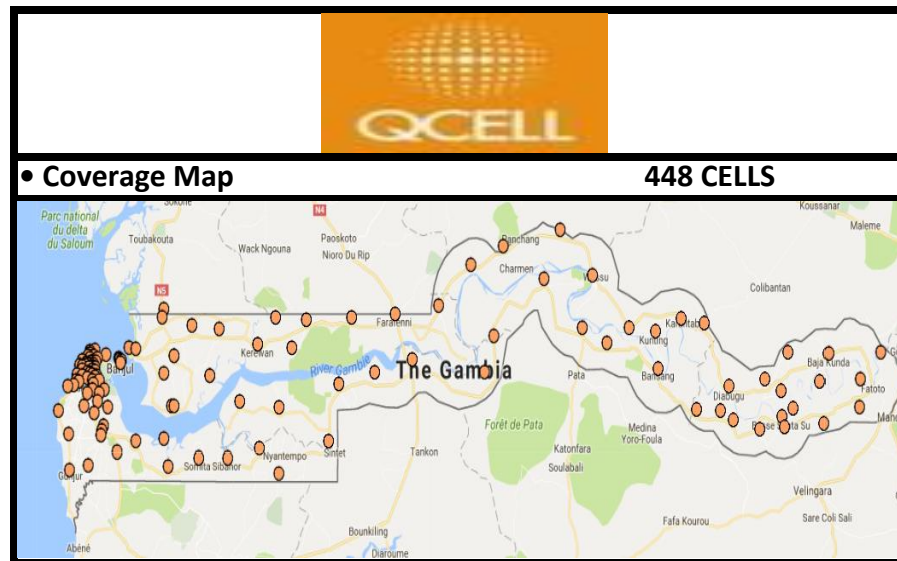
\*\*\*The Figures marked in **Green** are above or equal to the QoS requirement

# August 2017 2G Mobile Operators' 2G Quality of Service (QoS) Performance Report

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	ACCESSIBILITY	RETAINABILITY		MOBILITY
Threshold	>=95%	>=95%	<=2%	>=95%
REGION	Call Setup Success Rate @ BH	Call Success Rate @ BH	Call Drop Rate @ BH	HO Success Rate @ BH
GBA	95.82%	95.27%	0.57%	97.91%
CRR	95.81%	89.26%	6.83%	95.01%
LRR	84.30%	81.05%	3.80%	92.57%
NBR	57.72%	55.74%	3.63%	31.12%
URR	81.94%	77.58%	5.55%	79.88%
WCR	93.28%	90.02%	3.45%	84.31%



				
	ACCESSIBILITY	RETAINABILITY		MOBILITY
Threshold	>=95%	>=95%	<=2%	>=95%
REGION	Call Setup Success Rate @ BH	Call Success Rate @ BH	Call Drop Rate @ BH	HO Success Rate @ BH
GBA	96.43%	95.52%	0.94%	92.14%
CRR	95.75%	94.69%	1.11%	96.81%
LRR	93.59%	92.05%	1.67%	95.26%
NBR	93.28%	92.37%	0.97%	95.61%
URR	88.67%	87.57%	1.24%	93.51%
WCR	93.22%	92.05%	1.25%	94.13%



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

\*\*\*The Figures marked in **Green** are above or equal to the QoS requirement

# August 2017 2G Mobile Operators' 2G Quality of Service (QoS) Performance Report

## 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 or equal to the QoS requirement