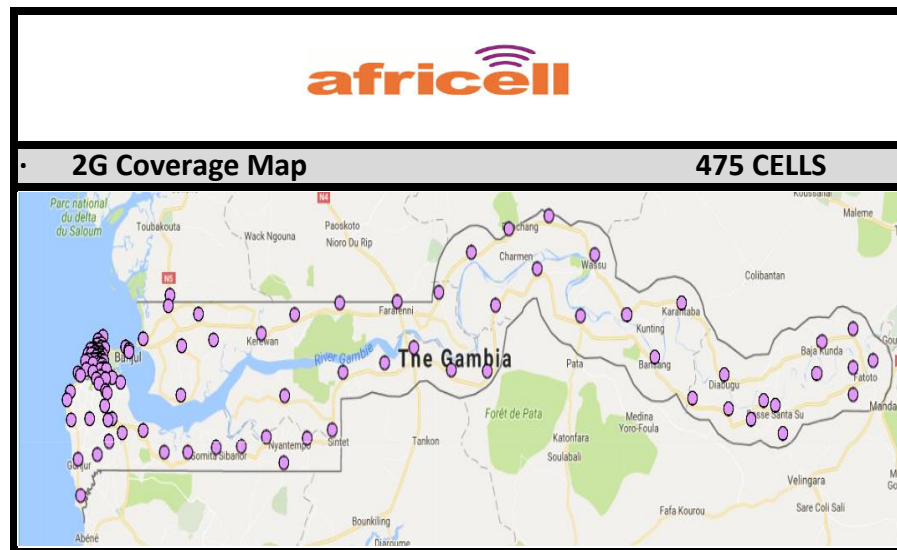
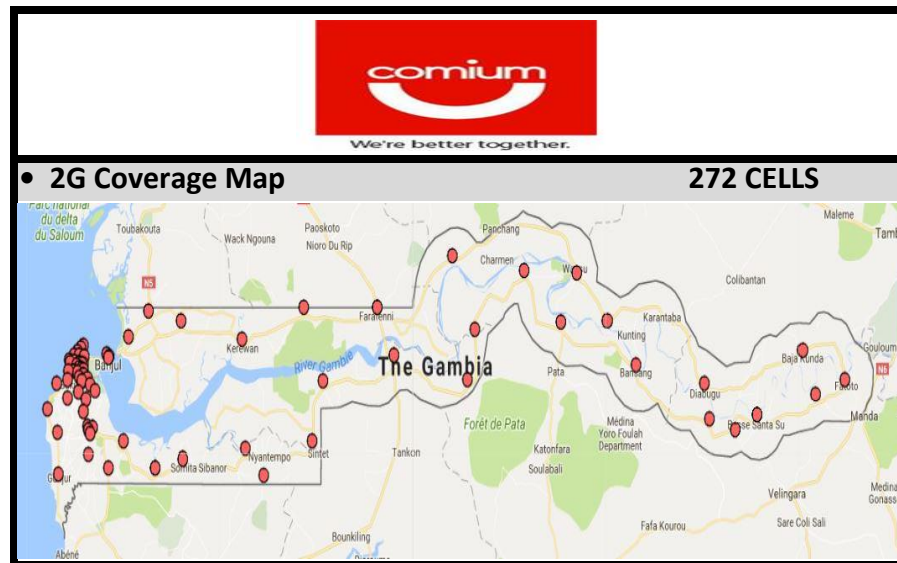


September 2017 2G Mobile Operators' 2G Quality of Service (QoS) Performance Report

africell				
	ACCESSIBILITY	RETAINABILITY		MOBILITY
Threshold	>=95%	>=95%	<=2%	>=95%
REGION	Call Setup Success Rate @ BH	Call Success Rate @ BH	Call Drop Rate @ BH	HO Success @ BH
GBA	96.63%	96.02%	0.62%	99.20%
CRR	93.95%	92.75%	1.27%	98.06%
LRR	92.68%	91.75%	1.00%	97.37%
NBR	94.03%	92.92%	1.17%	97.51%
URR	94.65%	93.00%	1.77%	98.46%
WCR	94.29%	93.34%	1.01%	98.04%




comium 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 @ BH
GBA	93.41%	91.55%	1.98%	94.98%
CRR	94.95%	92.60%	2.47%	97.94%
LRR	96.45%	93.48%	3.08%	98.05%
NBR	93.33%	90.44%	3.10%	95.50%
URR	95.44%	92.93%	2.63%	98.59%
WCR	89.60%	86.60%	3.32%	93.47%

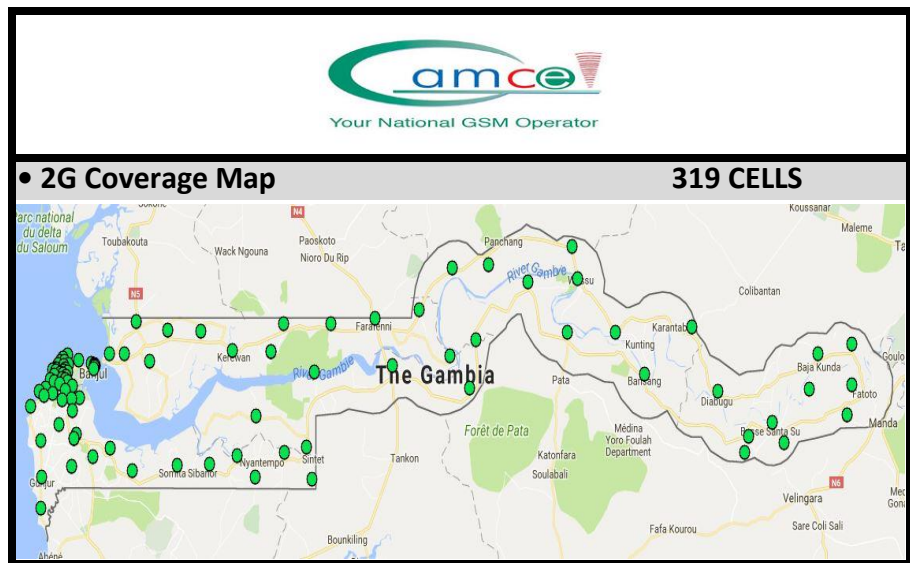



***The Figures Marked in **Red** are below the QoS requirement

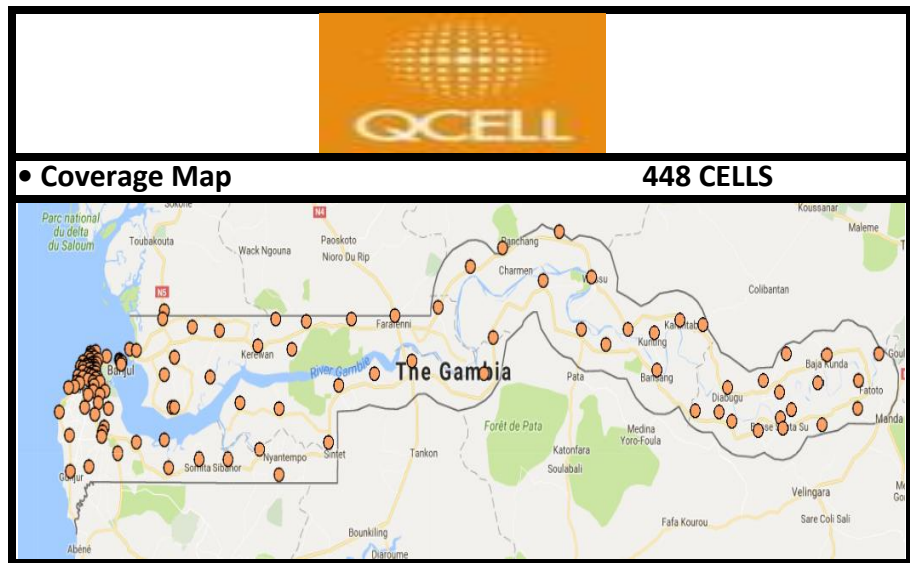
***The Figures marked in **Green** are above or equal to the QoS requirement

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

 Your National GSM Operator				
	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	97.01%	96.49%	0.52%	98.50%
CRR	97.71%	94.01%	3.78%	87.35%
LRR	97.25%	92.55%	4.82%	94.76%
NBR	90.17%	86.55%	4.09%	63.33%
URR	79.69%	74.67%	5.94%	77.02%
WCR	84.93%	80.61%	5.01%	70.18%



				
	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	95.48%	94.57%	0.96%	94.33%
CRR	94.81%	93.70%	1.16%	96.44%
LRR	93.08%	91.37%	1.86%	94.23%
NBR	91.58%	90.60%	1.06%	94.70%
URR	87.70%	86.72%	1.12%	92.65%
WCR	93.17%	91.90%	1.36%	94.33%



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

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

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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