

12 October 2015
 Independent Communications Authority of South Africa (ICASA)
 Pinmill Farm
 Block A
 164 Katherine Street
 Sandton
 2146

Per Email: JDikgale@icasa.org.za

For Attention: Mr. J. Dikgale

Dear Mr. Dikgale

RE: COMMENTS: IMT 700 MHz, 800 MHz and 2.6 Bands – ICASA Information Memorandum

1. Transnet SOC Ltd (“Transnet”) herein provides comments on the IMT 700 MHz, 800 MHz and 2.6 Bands – ICASA Information Memorandum (hereinafter referred to as the “ICASA Information Memorandum”), as requested by the Independent Communications Authority of South Africa.
2. **AD Paragraph 5 Spectrum for the Award**

Ad Paragraph 5 Spectrum for the Award



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 Group Company Secretary: ANC Ceba

- 2.1 Transnet proposes that a minimum of 5MHz bandwidth be made available in the Centre Gap of the 700MHz spectrum. This bandwidth will be used in conjunction with the 450-470MHz that is currently in service or the 410-430MHz that has been proposed in Government Gazette No. 38640 dated 30 March 2015, titled "Final Radio Frequency Spectrum Assignment Plan". The 400MHz band is best suited for long haul applications and for built-up areas which includes Ports, Railway Yards and Rail Network Depots (the higher frequency spectrum will be suitable for Transnet operations). The proposed areas for the 700MHz spectrum generally have high data throughout requirements and therefore a 5MHz spectrum allocation will achieve these goals.
- 2.2 The 5MHz spectrum will be used for Time Division Duplex applications since the operating requirements of these targeted areas are not constant. Using this spectrum would allow Transnet to dynamically change the downlink and uplink capacity ratio based on the needs at any specific time period.

Kind regards



Ndiphiwe Silinga
Group Executive: Legal and Compliance
Date: 20/10/2015

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