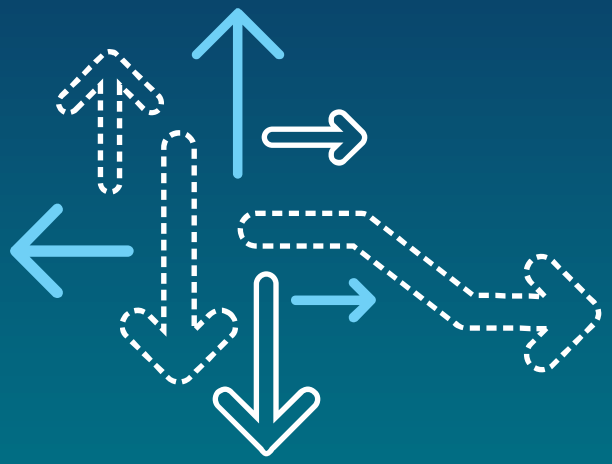
RP-170196

3GPP RAN #75
Dubrovnik, March 2017



On the overall 5G-NR workplan

Apple, AT&T, British Telecom, Broadcom, Convida Wireless, Deutsche Telekom, DOCOMO, Ericsson, Etisalat, Huawei, Intel, KDDI, KT, LG Electronics, LGU+, Ooredoo, Qualcomm, SK Telecom, Sprint, Swisscom, Telecom Italia, TeliaSonera, Telstra, VIVO, Vodafone, ZTE

Increase in global momentum for the nascent 5G ecosystem

Centered around the 3GPP global standard

- Increased interest for early deployments of 5G-NR mobile broadband
  - Interest for early deployments in 2019 in several regions in the world
- We propose the 3GPP workplan to be adjusted to respond to market interest
- Introduce an intermediate milestone in Rel-15 RAN working group activities
  - Structure 3GPP work so to ensure work swift and solid progress for both Non-Standalone and Standalone NR, including forward compatibility and commonality between the two
  - Overall system performance shall not be compromised by an early release

Proposal

Adjust 3GPP schedule to enable 3GPP-compliant 2019 5G-NR launches

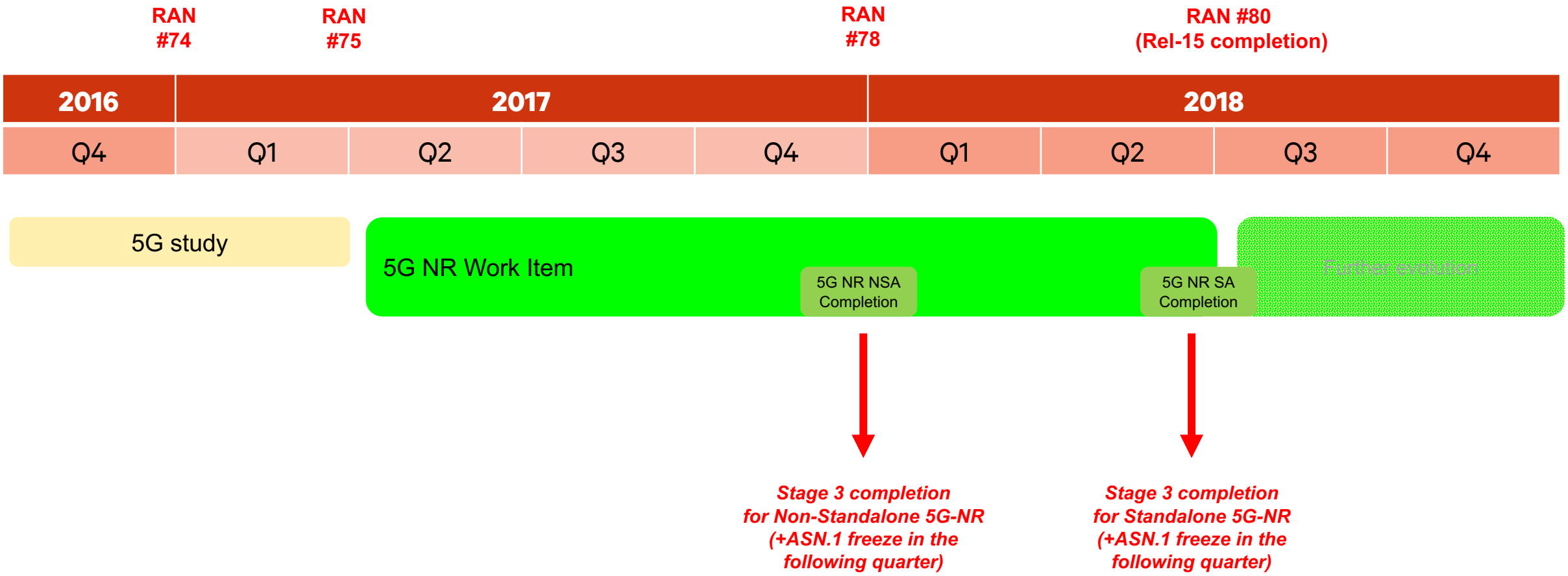
1. By December 2017: complete Stage 3 for Non-Standalone 5G-NR with Option 3
   - Ensure commonality with Standalone, as well as forward compatibility
   - Prioritization of NR band definition (and related band combinations with LTE) will be discussed separately

2. By March 2018: freeze ASN.1 accordingly

3. Maintain current schedule for Standalone 5G-NR in Rel-15
   - Stage 3 completion June 2018; ASN.1 freeze September 2018

4. Ensure alignment of core network aspects
   - Ask TSGs SA and CT to ensure completion of stage-3 for the so-called “Option 3” family by December 2017 in case modifications to the current specifications are needed
   - Overall 5G Core Network already agreed to be completed by June 2018

Proposal (cont.)



NSA = Non StandAlone = EPC core ("Option 3") & LTE anchor
SA = StandAlone