

MS Network Entry for non-transparent Relay Station

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Masato Okuda, Antoni Oleszczuk, Mike Hart
Fujitsu

Voice: +81-44-754-2811
okuda@jp.fujitsu.com

Chie Ming Chou, Tzu-Ming Lin, Wern-Ho Sheen,
Fang-Ching Ren, Jen-Shun Yang, I-Kang Fu,
Ching-Tang Hsieh
Industrial Technology Research Institute (ITRI)/
National Chiao Tung University (NCTU), Taiwan

chieming@itri.org.tw

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Purpose:

For discussion and approval of inclusion of the proposed text into the P802.16j baseline document.

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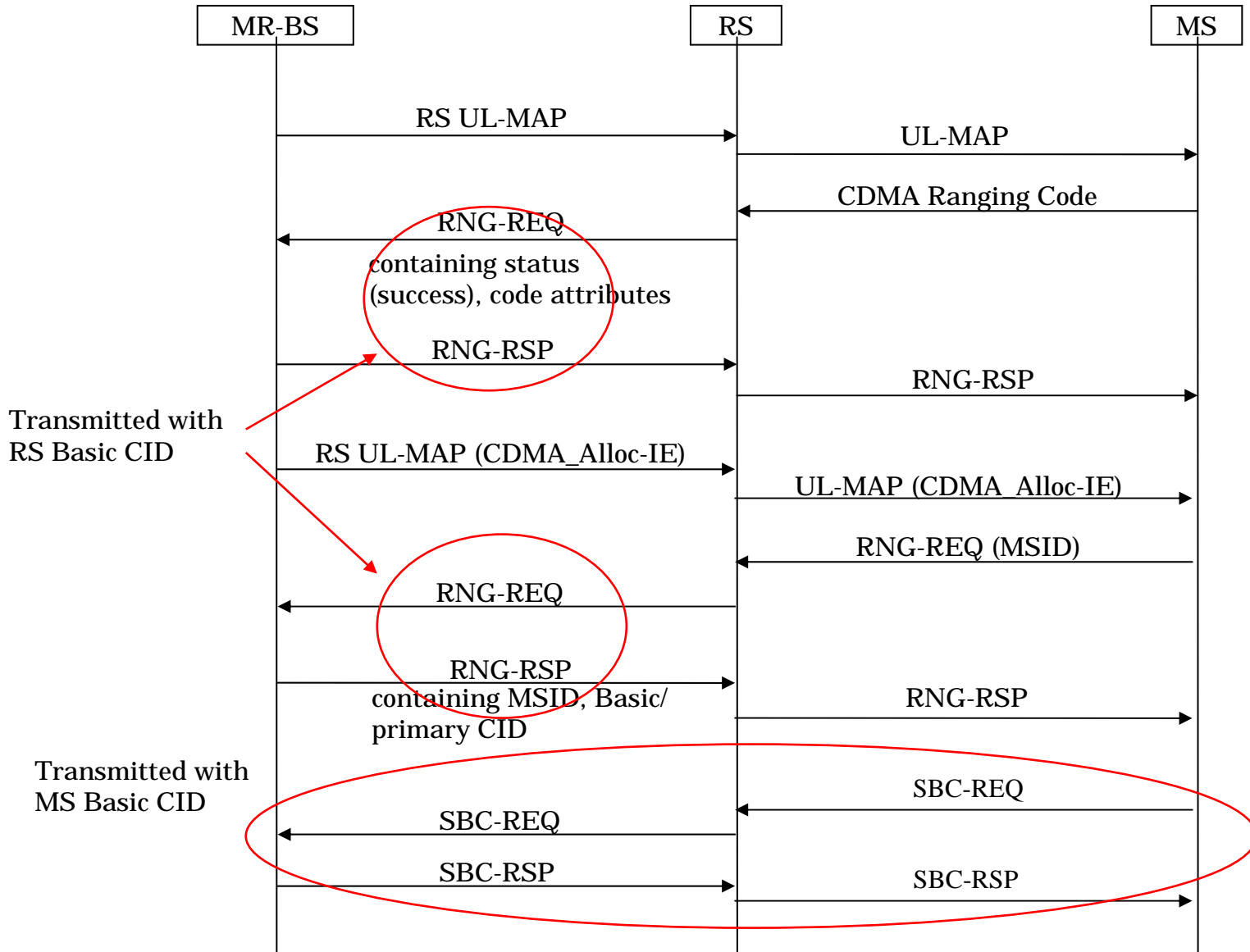
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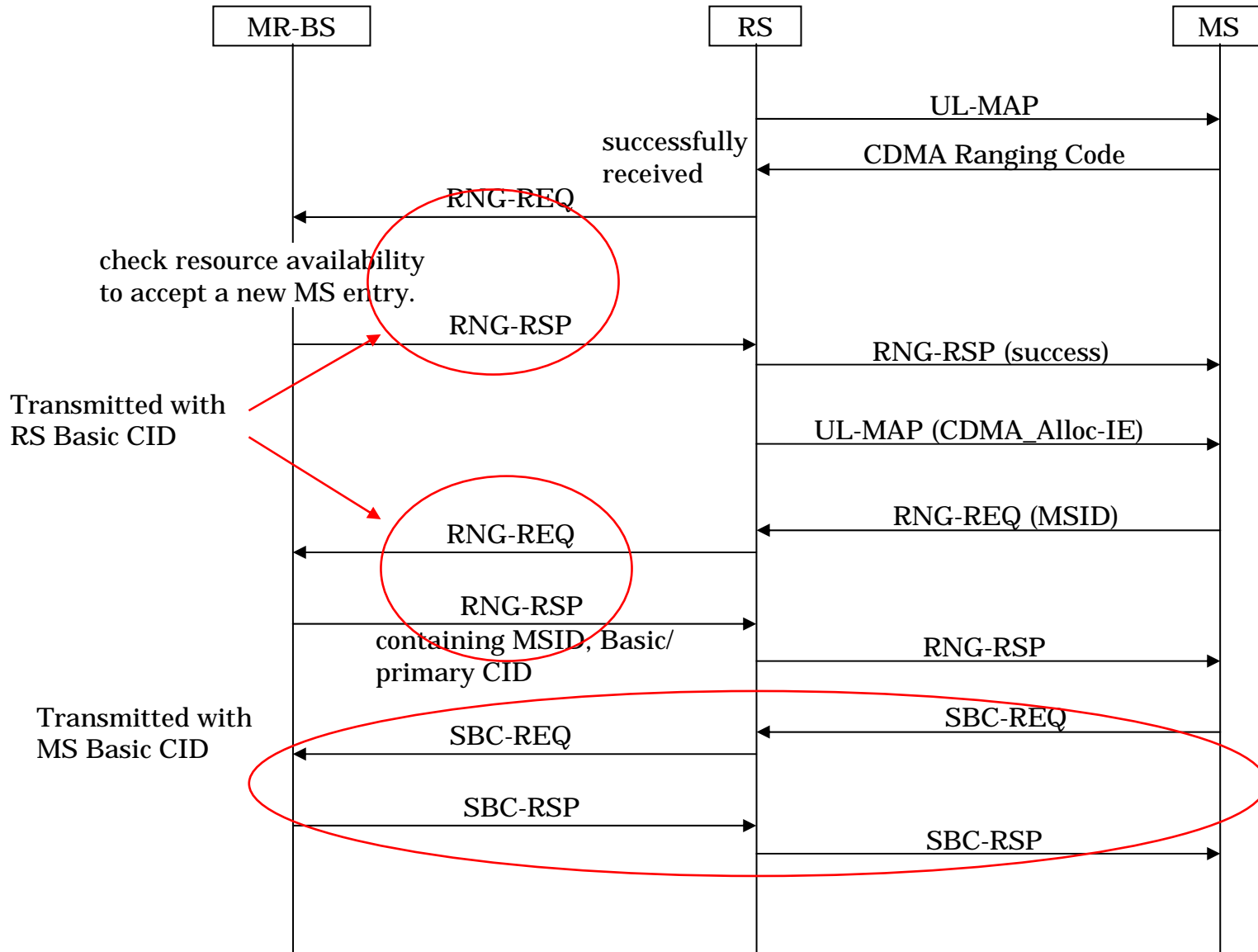
Introduction

- This contribution proposes MS network entry procedures for transparent RS systems.
 - In centralized scheduling model, the MR-BS need to know information of ranging code received by RS in order to create CDMA_Alloc-IE.
 - In distributed scheduling model, the RS has no need to forward ranging code information to the MR-BS.
- Related sections in the standard :
 - 6.3.9.16 Support for network entry and initialization in relay mode

Network Entry Example (Centralized)



Network Entry Example (Distributed)



Advantages

- To simplify RS function by locating MS management and connection management at the MR-BS.
- To minimize relay link traffic load by performing ranging adjustment between RS and MS in distributed scheduling model.
- To minimize new definition or changes by using the existing message with new TLVs.