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(54) **SERVICE CONTINUITY ASSOCIATED WITH WTRU TO WTRU RELAYS**

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(57) **ABSTRACT**

Method and WTRU enabled for service continuity using WTRU-to-WTRU relays. A relay path may be modeled as an SLRB, RLC leg of an SLRB, and/or a MAC logical channel. The WTRU adds a path for a destination based on configured/usable relays. The WTRU may associate an end-to-end L2 destination ID with one or more path L2 destination IDs or path IDs. Upper layers select one or more paths for transmission of a packet/bearer. The WTRU may send a relay announcement message containing path connectivity information. A WTRU may select a path for transmission based on properties associated with a sidelink. The WTRU may activate/deactivate an SL bearer, unicast link, L2 destination, and/or RLC Leg. The WTRU changes a bearer associated with an SLRB from an established RLC entity to another established RLC entity.