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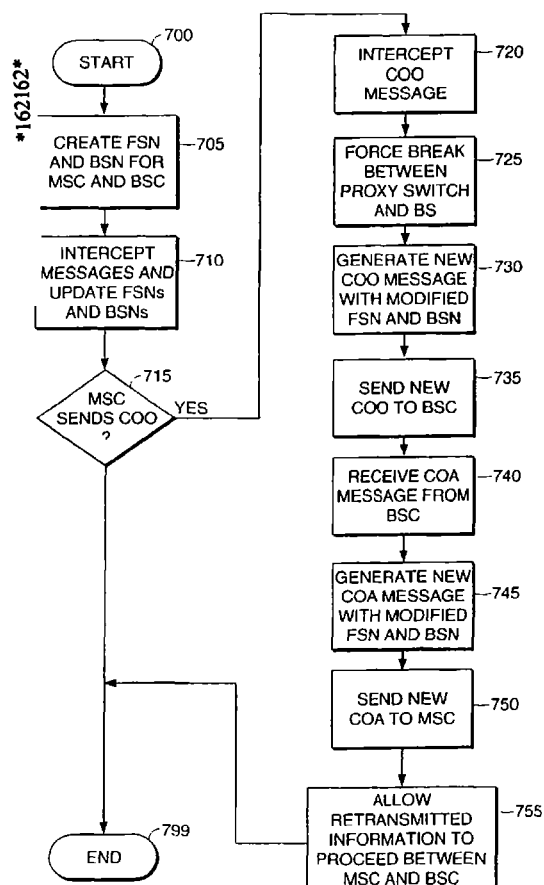
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(54) Title: SYSTEM AND METHOD OF FAULT MANAGEMENT IN A MOBILE COMMUNICATIONS NETWORK HAVING
PROXY SWITCH

(57) Abstract: A proxy switch, communication methods, and communication logic for use in a mobile network are described. A proxy switch is deployed between a base station subsystem and a mobile station center. A FSN and a BSN are provided for communication with the MSC, and another FSN/BSN pair are provided for communication with the BS. Logic detects whether a received message is a change over order message (COO) from one of the MSC and BS, indicating a break in a first signaling link between the proxy switch and the one of the MSC and BS, and logic generates and sends a COA message to the one of the MSC and BS containing the BSN maintained by the switch for communication with the one of the MSC and BS. Fault emulation logic forces a break in a second signaling link between the proxy switch and the other of the MSC and BS, wherein the second signaling link is configured to correspond to the first signaling link, and generates and sends a new COO message to the other of the MSC and BS.

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