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(54) Title: SHORT MESSAGE CONVERSION BETWEEN DIFFERENT FORMATS FOR WIRELESS COMMUNICATION SYSTEMS

(57) Abstract: Techniques for converting short messages between different formats (e.g., from GSM SMS to CDMA SMS) such that pertinent control information is retained without changing the fundamental structure of these message formats. A new value is defined for the Msg Encoding field in the User Data subparameter of the CDMA SMS message to indicate that the content of this message is an encapsulated GSM SMS message. The Message Type field in the User Data subparameter may be used to carry data coding scheme information for the encapsulated GSM SMS message. At a recipient mobile station, the value in the Msg Encoding field is checked to determine whether or not the CDMA SMS message includes an encapsulated GSM SMS message. If the answer is yes, then the user data in the CHARi fields of the CDMA SMS message is processed based on the data coding scheme information from the Message Type field.