



**METHOD AND APPARATUS FOR EXPANDING THE COVERAGE
AREA OF A BEACON SIGNAL FROM A TELEPOINT BASE
STATION**

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Abstract of the Disclosure

10 A method (200) and apparatus for a telepoint base station (100) to
expand the coverage area of a beacon signal. Within the telepoint base
station (100), each of a plurality of transceiver groups includes at least one
transceiver and an antenna. The method (200) requires changing a
beacon transceiver, transmitting the beacon signal, from a first transceiver
15 of a first transceiver group (104) supported by a first antenna (116) to a
second transceiver of a second transceiver group (106) supported by a
second antenna (120). The first antenna (116) has a first antenna coverage
area (118) different from a second antenna coverage area (124) of the
second antenna (120). The telepoint base station (100) maintains three
20 factors for supporting implementation of the method (200) by allocating the
plurality of transceiver groups to provide the beacon transceiver.