Algorithm 1 S-direct pseudo code.

1: if vehicle attached only to the 3G network then
2:     if (WLAN available) & (# hops = 1) then
3:         vehicle attaches also to WLAN
4:     vehicle offloads best-effort traffic to WLAN
5: end if
6: else
7:     if vehicle attached to 3G and WLAN then
8:         if (vehicle loses Internet connectivity via WLAN) then
9:             vehicle moves back offloaded traffic to 3G
10:     end if
11: end if
12: end if

allowed, and therefore if a mobile router required to change TREBOL parent when moving away from the RSU to keep its connectivity, that would trigger a handoff to 3G.