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| **CHANGE REQUEST** |
|  | EN 302 636-4-1 | **Version** | 1.4.1 | **CR** | 1 | **rev** | - |  |
|  |
| **CR Title** | Missing step in GAC Forwarder and receiver operations |
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| **Original Source** | ITS WG3 |
|  |  |
| **Work Item Ref** | REN-ITS-00358 | **Submission date** | 22/10/2020 |
| **Approving TB**  | ITS | **Approval date** | 23/10/2020 |
| **Category:** | **F** | **Release** | 1 |  |
|  | Use **one** of the following categories:**F** (correction)**A** (correction in an earlier release)**B** (addition of feature) **C** (functional modification of feature)**D** (editorial modification) |  |
|  |  |
| **Reason for change** | Missing step between step 10 and step 11 for section 10.3.12.3 Forwarder and receiver operations (for GAC) to execute the forwarding algorithm |
|  |  |
| **Consequence if not approved** | Inconsistent description of operations up to possibly incomplete implementation of forwarder and receiver operations |
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| **Summary of change** | Add missing step |
|  |  |
| **Clauses affected** | 10.3.12.3 |
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| **Linked Change Requests** | n/a |  |
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|  |  |
| **Other comments** |  |
|  |  |

10.3.12.3 Forwarder and receiver operations

On reception of a GAC packet, the GeoAdhoc router shall execute the following operations:

1) *Basic Header* processing (clause 10.3.3);

[…]

10) if  (GeoAdhoc router is outside the geographical area):

a) decrement the *RHL* value:

i) if *RHL* = 0, discard the packet and omit the execution of further steps;

ii) if *RHL* > 0, update the field of the *Basic Header*, i.e. the *RHL* field with the decremented *RHL* value;

b) if no neighbour exists, i.e. the LocT does not contain a LocTE with the *IS\_NEIGHBOUR* flag set to TRUE, and SCF for the traffic class in the *TC* field of the *Common Header* is set, buffer the GAC packet in the *BC forwarding packet buffer* and omit the execution of further steps;

NOTE 2: If the GeoAdhoc router is outside the geographical area, the GN-PDU will not be passed to the upper layer entity.

11) execute the forwarding algorithm selection procedure (annex D);

12) if the return value of the forwarding algorithm is 0 (packet is buffered in a forwarding packet buffer) or -1 (packet is discarded), omit the execution of further steps;

13) execute media-dependent procedures; if the GN protocol constant itsGnIfType is set to:

a) UNSPECIFIED then no media-dependent procedures are specified;

b) for other values of itsGnIfType media dependent procedures may be defined elsewhere;

14) pass the GN-PDU to the LL protocol entity via the IN interface and set the destination address to the LL address of the next hop LL\_ADDR\_NH.