**ATIS IP-NNI**

**November 15, 2021**

**Contribution**

**Title: “div” PASSporT & pre-div implementation**

**Source**\***: Charter Communications**

**Issue Number:**

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Abstract

A Note is proposed to describe treatment of retargeted calls by pre-div (ATIS-1000074) implementations.

# Pre-div

Per RFC 8224 any unsupported PASSporT types (“ppt’) will be ignored. So a pre-div implementation would ignore any “div” PASSporT and only act on the recognized PASSporT types.

The action taken by a pre-div implementation when it receives a retargeted INVITE with “div” PASSporTs depends on whether the To header & r-uri have TNs with the same or different canonicalized values.

If the values are different then the verifier shall skip verification per ATIS-1000074.

If the values are the same then verification would be performed and since the call had been retargeted validation would fail.

The following note is proposed for end of section 5.5.1 of the “div” version 3 baseline document.

Note: When an INVITE with “shaken” and one or more “div” PASSporTs is received by a TSP that has not implemented support for “div” PASSporTs then

* if the canonicalized value of the TN in the To header and the canonicalized value of the TN in the Request-URI are different then the TSP (per ATIS-1000074) will skip verification
* if the canonicalized value of the TN in the To header and the canonicalized value of the TN in the Request-URI are the same then the TSP will ignore the unsupported “div” PASSporTs (per RFC 8224) and would fail verification since the “shaken” PASSporT “dest” claim would not match the To header (since the call was retargeted)