

ATNP/WG3

WPI9-30

28/02/97

AERONAUTICAL TELECOMMUNICATIONS NETWORK PANEL (ATNP)
WORKING GROUP 3 - APPLICATIONS AND UPPER LAYERS

AGENDA ITEM 5.3: REVIEW DEFECT REPORTS.

DEFECT REPORTS ON ATSMHS SARP.

**PREPARED BY AENA.
PRESENTED BY JESÚS CID.**

SUMMARY

**THIS DOCUMENT REPRESENTS SOME DEFECT REPORTS
DETECTED BY AENA REFERED TO THE ATSMHS SARP. THE
PROPOSAL IS TO TAKE INTO ACCOUNT THEM FOR A FURTHER
DISCUSSION.**

1.- INTRODUCTION.

DURING THE IMPLEMENTATION OF THE SPANISH GATEWAY MOCK-UP, IT HAS BEEN POSSIBLE TO ACQUIRE A VERY LARGE EXPERIENCE ABOUT THE ANALYSIS OF THE SHALL'S COLLECTED IN THE SARP DOCUMENT. ALSO, IT HAS BEEN COMPLETED THE OVERALL VALIDATION TRIALS OF ITS ATSMHS GATEWAY DEVELOPMENT AS WELL AS A FIRST STAGE OF INTEROPERABILITY TESTS TOGETHER WITH SITA.

DERIVED FROM THIS CONTEXT, THERE HAVE BEEN FOUND SOME DEFECTS IN THE MENTIONED ATSMHS SARP.

THIS DOCUMENT HAS BEEN EDITED WITH THE GOAL OF TAKING PROFIT FROM THIS EXPERIENCE IN ORDER TO IMPROVE THE ATSMHS SARP SPECIFICATION.

2.- DISCUSSION.

IN THIS POINT, IT IS SHOWN THE SET OF ABOVE MENTIONED DEFECTS. EACH POINT IS IDENTIFIED WITH TWO FIGURES SEPARATED BY SLASH; FIRST, REFERS TO THE 'REF#' IDENTIFIED IN THE SHALL TABLE; AND, SECOND, REFERS TO THE SARP'S PARAGRAPH IDENTIFIER.

THE GENERAL STRUCTURE OF EACH DEFECT WILL BE A BRIEF DESCRIPTION OF IT AND, AFTER, A PROPOSAL WHICH TRIES TO ADVISE A POSSIBLE SOLUTION TO BE AGREED.

FOLLOWING, THEY ARE PRESENTED THE DIFFERENT DEFECTS REPORTS:

● 3.1.2.2.3.1

- DESCRIPTION:

CURRENTLY, THE SPANISH GATEWAY IMPLEMENTATION SUPPORT THE USE OF UPPER AND LOWERCASE IA5 CHARACTERS IN THE BODY OF AN INTER-PERSONAL MESSAGE (IPM). IN THE ATSMHS SARP ONLY UPPERCASE CHARACTERS ARE COLLECTED. IT IS PROPOSED A CLARIFICATION TO THIS POINT.

- PROPOSAL:

IT WOULD BE NECESSARY TO DEFINE THE GATEWAY BEHAVIOUR WHEN THE INCOMING ATS-MESSAGE-HEADER CONTAINS LOWERCASE IA5 CHARACTERS.

● 3.1.2.3.4.4.1.5 (RECOMMENDATION)**- DESCRIPTION:**

THE SPANISH GATEWAY IMPLEMENTATION CONVERTS SO NON-DELIVERY-REPORTS DUE TO UNKNOWN RECIPIENT MF-ADDRESS AS UNKNOWN-AFTN-MESSAGE-SERVICE RECEIVED, WITHOUT CHECKING IF ANOTHER 'NDR' WAS GENERATED PREVIOUSLY. THE REASON FOR THIS BEHAVIOUR IS TO AVOID BD. ACCESSES WHICH WOULD DECREASE THE SYSTEM SWITCHING PERFORMANCE.

IN ANOTHER HAND, HOW LONG IS THE GATEWAY ABLE TO WAIT FOR UNKNOWN-AFTN-MESSAGE-SERVICES AND HOW IT KNOWS IF ANYONE LACKS ?.

- PROPOSAL:

REMOVE THE 'NOTE' INCLUDED IN THIS CLAUSE.

3.- PROPOSAL.

ALL THE SOLUTIONS PROPOSED IN THE ABOVE PARAGRAPH ARE SUBMITTED TO THE GROUP FOR THEIR ADOPTION.