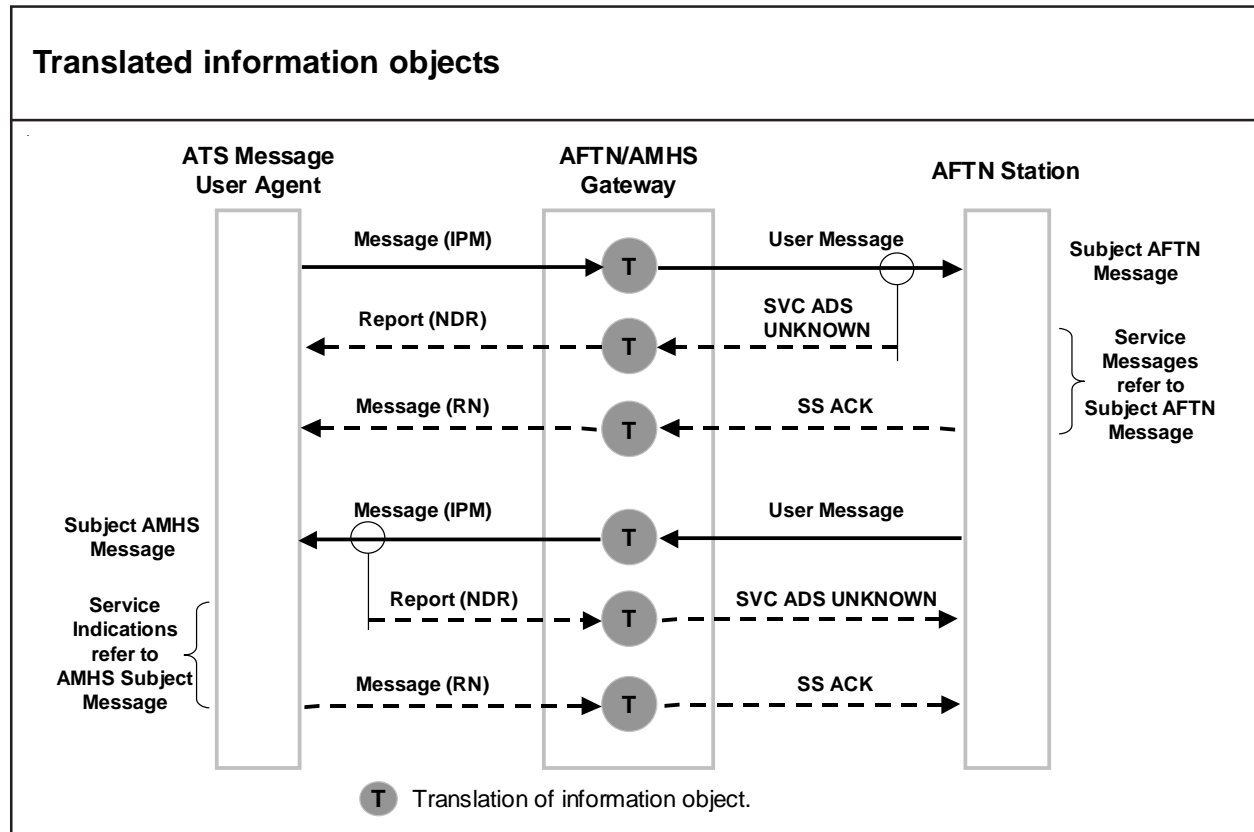


(2) Gateway Tasks



The above figure indicates the correspondences between AMHS and AFTN information objects as given by the gateway's conversion functions.

The used notations of AFTN information objects refer to the following provisions in Annex 10, Volume II:

- *User message*: AFTN message format in IA-5 (Section 4.4.15, Figure 4-4).
- *SVC ADS UNKNOWN*: Service message sent to the originator indicating one or more unknown addressee indicators (Section 4.4.11.13.3).
- *SS ACK*: Service message sent by the destination station to the origin station to acknowledge the receipt of a distress message (priority indicator SS) (Section 4.4.15.6).

Other categories of received AFTN service messages are processed by the gateway in compliance with Annex 10, Volume II, without conversion towards AMHS.

Translation of AFTN user and service messages

Above, where applicable, reference is made to IA-5 formatted AFTN information objects as the gateway's conversion functions are specified for IA-5 format only. If an AFTN/AMHS Gateway is connected to an AFTN centre using ITA-2 format, AFTN information objects have to be translated to the IA-5 format before conversions to AMHS and vice versa.

The indicated AMHS information objects have the following meanings:

- *Interpersonal message (IPM)*: Conveys user data from an originating UA to one or more recipient UAs. Defined in the scope of the IPMS.
- *Receipt notification (RN)*: That type of an interpersonal notification (IPN) which reports to the originating UA successful receipt of its IPM at a recipient UA. Defined in the scope of the IPMS.
- *Message*: Conveys as content an IPM or a RN across the MTS: Message(IPM) or Message(RN). Defined in the scope of the MTS.
- *Non-delivery report (NDR)*: That type of a report which reports non-delivery within the MTS. Defined in the scope of the MTS.

ISO/IEC 10021-2, Section 8.3, calls a message (or probe) that is the subject of a report as its *subject message*. Analogously, ISO/IEC 10021-7, Section 8, calls an IPM to which a receipt notification (or non-receipt notification) refers as its *subject IPM*.

The term „subject message“ is also applied to AFTN communications when referring to user messages which are subject of service messages.

Translation of AMHS information objects

Subject message

Subject IPM

references

- DOC 9705-AN/956 (ATN Manual), Edition 3, Sub-Volume III, Sections 3.1.2.3.2.1.4 and 3.1.2.3.2.3