

## AMHS Workshop 2023

### CONTENTS

#### Day 01 (Monday – September 25, 2023)

- 1) X.400 x SMTP comparison;
- 2) Basic concepts of the SMTP Protocol (RFC 822);
- 3) Multipurpose Internet Mail Extensions (MIME);
- 4) Base64 encoding;
- 5) QuotedPrintable encoding;
- 6) The development of the X.400 Standard;
- 7) Network Architecture – Application; and
- 8) MHS and AMHS.

#### Day 02 (Tuesday – September 26, 2023)

- 1) AMHS Functional Model;
- 2) Information Model;
- 3) AMHS addresses (CAAS and XF);
- 4) AFTN/AMHS Gateway;
- 5) Specification of Application Protocols;
- 6) Concrete Syntax, Abstract Syntax and Transfer Syntax;
- 7) Abstract Syntax Notation No 1 (ASN.1);
- 8) ASN.1 classes of types;
- 9) Example of specification using ASN.1 (Personnel Register);
- 10) Formal specification of P1 and P2 Protocols.

#### Day 03 (Wednesday – September 27, 2023)

- 1) Review of concepts; and
- 2) Review of the information in the AMC database.

### TENTATIVE SCHEDULE

**Session 1:** 13:00 UTC – 13:50 UTC (08:00 – 08:50, Lima time)

10-minute interval

**Session 2:** 14:00 UTC – 14:50 UTC (09:00 – 09:50, Lima time)

10-minute interval

**Session 3:** 15:00 UTC – 16:00 UTC (10:00 – 11:00, Lima time)

Lunch break (60 minutes)

**Session 4:** 17:00 UTC – 17:50 UTC (12:00 – 12:50, Lima time)

10-minute interval

**Session 5:** 18:00 UTC – 19:00 UTC (13:00 – 14:00 Lima time)