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F.122

OPERATIONS AND QUALITY OF SERVICE MOBILE SERVICE

OPERATIONAL PROCEDURES FOR THE MARITIME SATELLITE DATA TRANSMISSION SERVICE

ITU-T Recommendation F.122

(Extract from the *Blue Book*)

NOTES

1 ITU-T Recommendation F.122 was published in Fascicle II.4 of the *Blue Book*. This file is an extract from the *Blue Book*. While the presentation and layout of the text might be slightly different from the *Blue Book* version, the contents of the file are identical to the *Blue Book* version and copyright conditions remain unchanged (see below).

2 In this Recommendation, the expression “Administration” is used for conciseness to indicate both a telecommunication administration and a recognized operating agency.

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Recommendation F.122

OPERATIONAL PROCEDURES FOR THE MARITIME SATELLITE DATA TRANSMISSION SERVICE

1 Introduction

1.1 The purpose of this Recommendation is:

- a) to standardize the procedures for subscribers of a public data network (PDN) calling ship earth stations in the Maritime Satellite Data Transmission Service;
- b) to standardize the procedures for calling subscribers of a PDN from ship earth stations using the packet switched data transmission service defined in Recommendations X.25 and X.352;
- c) to standardize the procedures for calling subscribers of a PDN from ship earth stations by accessing packet assembly/disassembly facilities (PAD) as defined in Recommendation X.351.

Note 1 - This Recommendation does not cover data calls passed through the international public switched telephone network other than those which are accessed through PADs designed in accordance with Recommendation X.351.

Note 2 - Procedures for subscribers of a PDN calling a ship earth station by accessing a PAD are for further study.

1.2 Related CCITT Recommendations are:

E.200/F.110	Operational provisions for the maritime mobile service.
E.210/F.120	Ship station identification for VHF/UHF and Maritime Mobile-Satellite Services.
E.215	Telephone/ISDN numbering plan for the Mobile-Satellite Service of INMARSAT.
E.216	Selection procedure for the INMARSAT mobile-satellite telephone and ISDN services.
F.125	Telex numbering plan for the Mobile-Satellite Service of INMARSAT.
F.126	Selection procedures for the INMARSAT Mobile-Satellite Telex Service.
X.1	International user classes of service in public data networks and ISDNs.
X.2	International data transmission services and optional user facilities in public data networks.
X.96	Call progress signals in public data networks.
X.121	International numbering plan for public data networks.
X.180	Administrative arrangements for international closed user groups (CUGs).
X.300	General principles and arrangements for interworking between public data networks, and between public data networks and other public networks.
X.350	General interworking requirements to be met for data transmission in the international public mobile satellite systems.
X.351	Special requirements to be met for packet assembly/disassembly facilities (PADS) located at or in association with coast earth stations in the Maritime Satellite Service.
X.352	Interworking between packet switched public data networks and the public maritime mobile satellite data transmission system.
X.353	Routing principles for interworking public maritime mobile satellite data transmission systems in the public data network.

1.3 The following basic considerations were taken into account when formulating this Recommendation:

- a) Each ship is allocated a unique 9-digit INMARSAT mobile number.

Note - The first generation maritime mobile satellite (INMARSAT) system also caters for a 7-digit INMARSAT mobile number beginning with digit 1.

- b) The routing principles to be used for data transmission to and from ships are as defined in Recommendation X.353.