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Technical Specification

**GEO-Mobile Radio Interface Specifications (Release 3);
Third Generation Satellite Packet Radio Service;
Part 3: Network specifications;
Sub-part 23: Radio Access Network;
Overall description - Stage 2;
GMR-1 3G 43.051**

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Foreword

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The present document is part 3, sub-part 23 of a multi-part deliverable covering the GEO-Mobile Radio Interface Specifications (Release 3); Third Generation Satellite Packet Radio Service, as identified below:

Part 1: "General specifications";

Part 2: "Service specifications";

Part 3: "Network specifications":

- Sub-part 1: "Network Functions";
- Sub-part 2: "Network Architecture";
- Sub-part 3: "Numbering, addressing and identification";
- Sub-part 4: "Organization of Subscriber Data";
- Sub-part 5: "Technical realization of Supplementary Services";
- Sub-part 6: "Location Registration and Position Identification Procedures";
- Sub-part 7: "Discontinuous Reception (DRX)";
- Sub-part 8: "Support of Dual-Tone Multifrequency Signalling (DTMF)";
- Sub-part 9: "Security related Network Functions";
- Sub-part 10: "Functions related to Mobile Earth Station (MES) in idle mode";
- Sub-part 11: "Technical realization of the Short Message Service (SMS) Point-to-Point (PP)";
- Sub-part 12: "Technical realization of the Short Message Service Cell Broadcast (SMSCB)";