



M2 AIS

Design Document

M-2 Block Diagrams

ds036-04.doc

Issue 1

Amendment Record

Issue	Date	Amendments	Who
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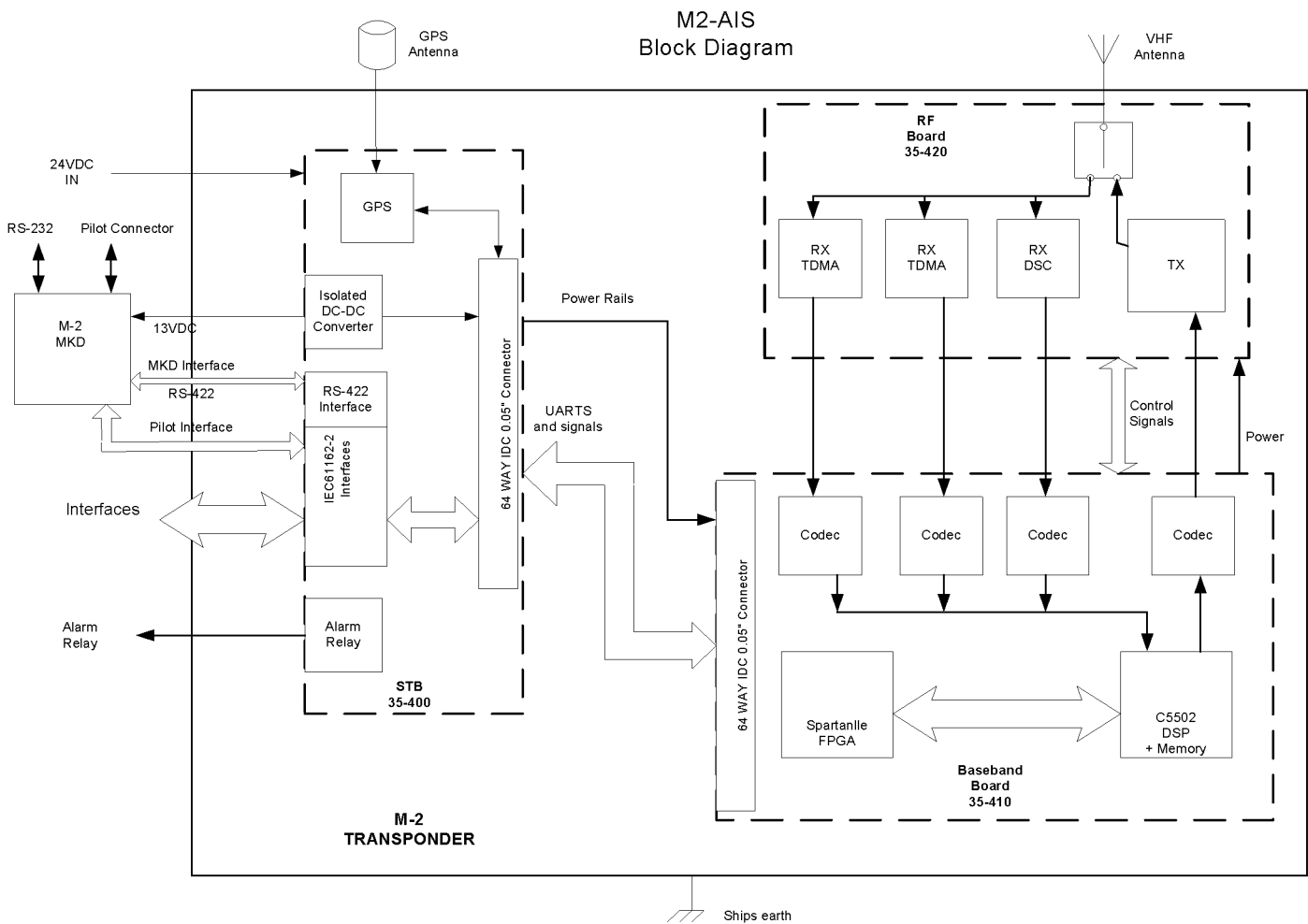
1 Introduction

1.1 Scope

This document provides block diagrams for the various hardware modules that are contained with the M-2 AIS transponder.

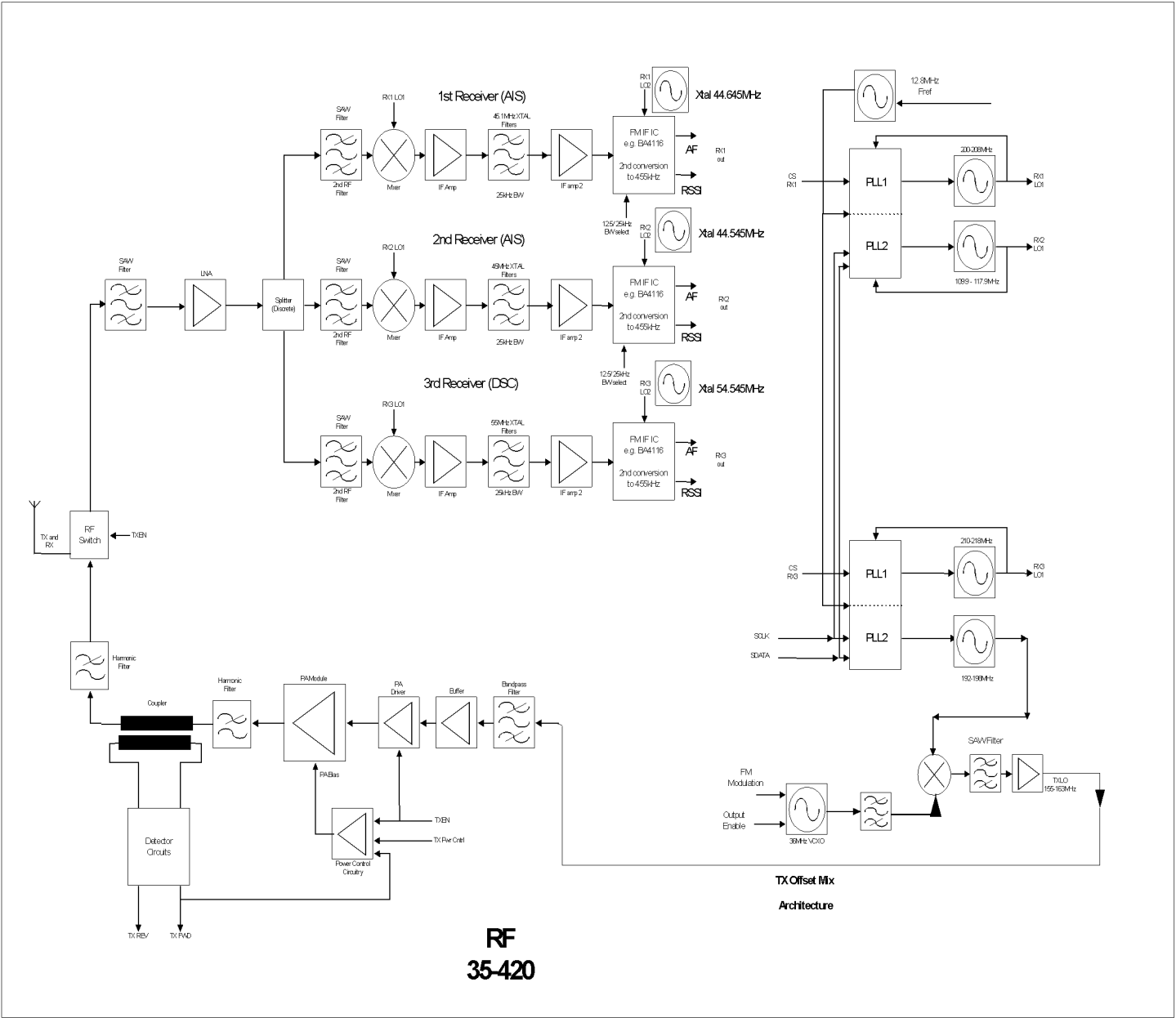
2 Architecture of the M-2 Transponder

2.1 Block diagram – Complete System



2.2 35-410 RF PCB

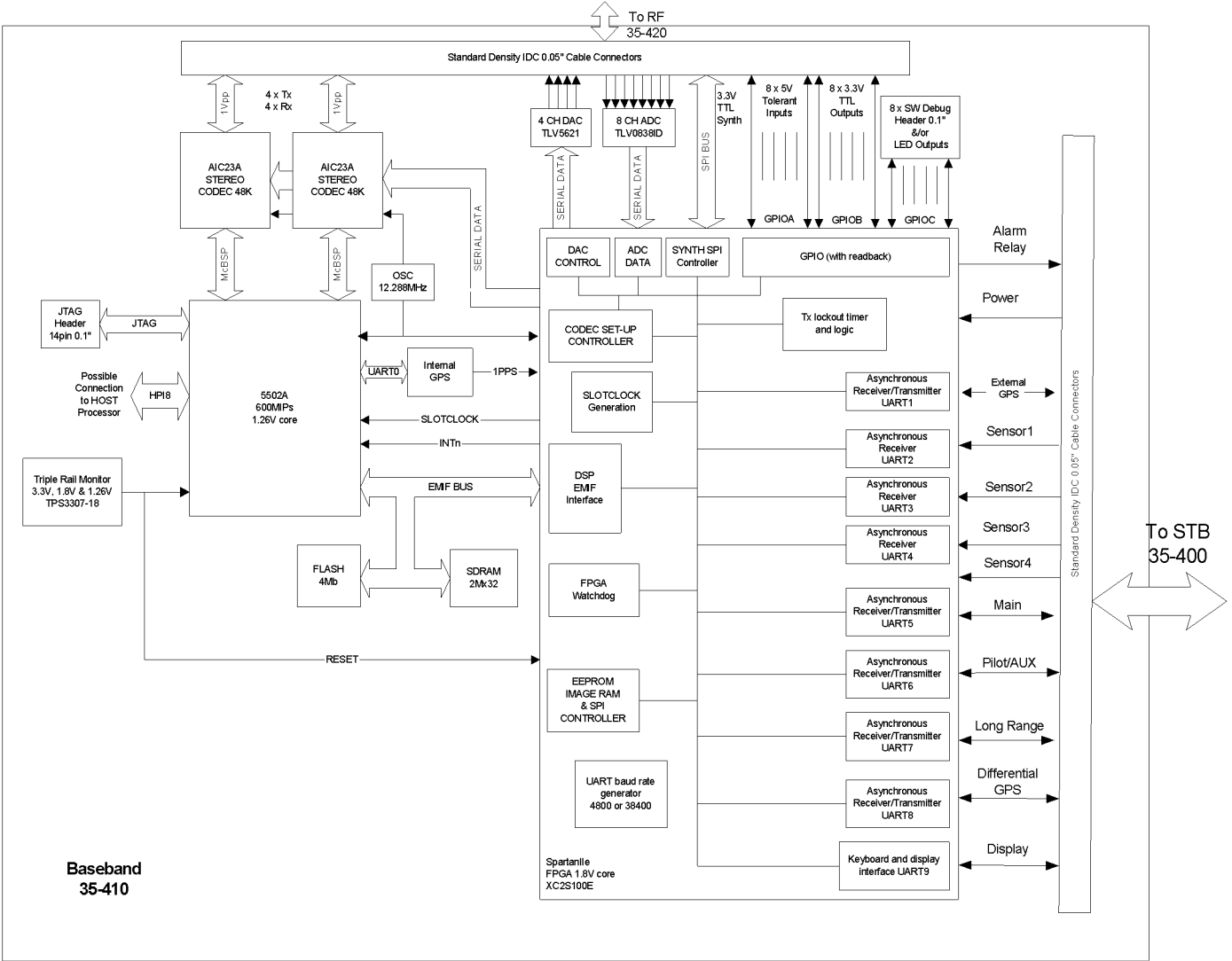
2.2.1 Block diagram – RF hardware



2.3 35-420 Baseband PCB

2.3.1 Block diagram – Baseband pcb

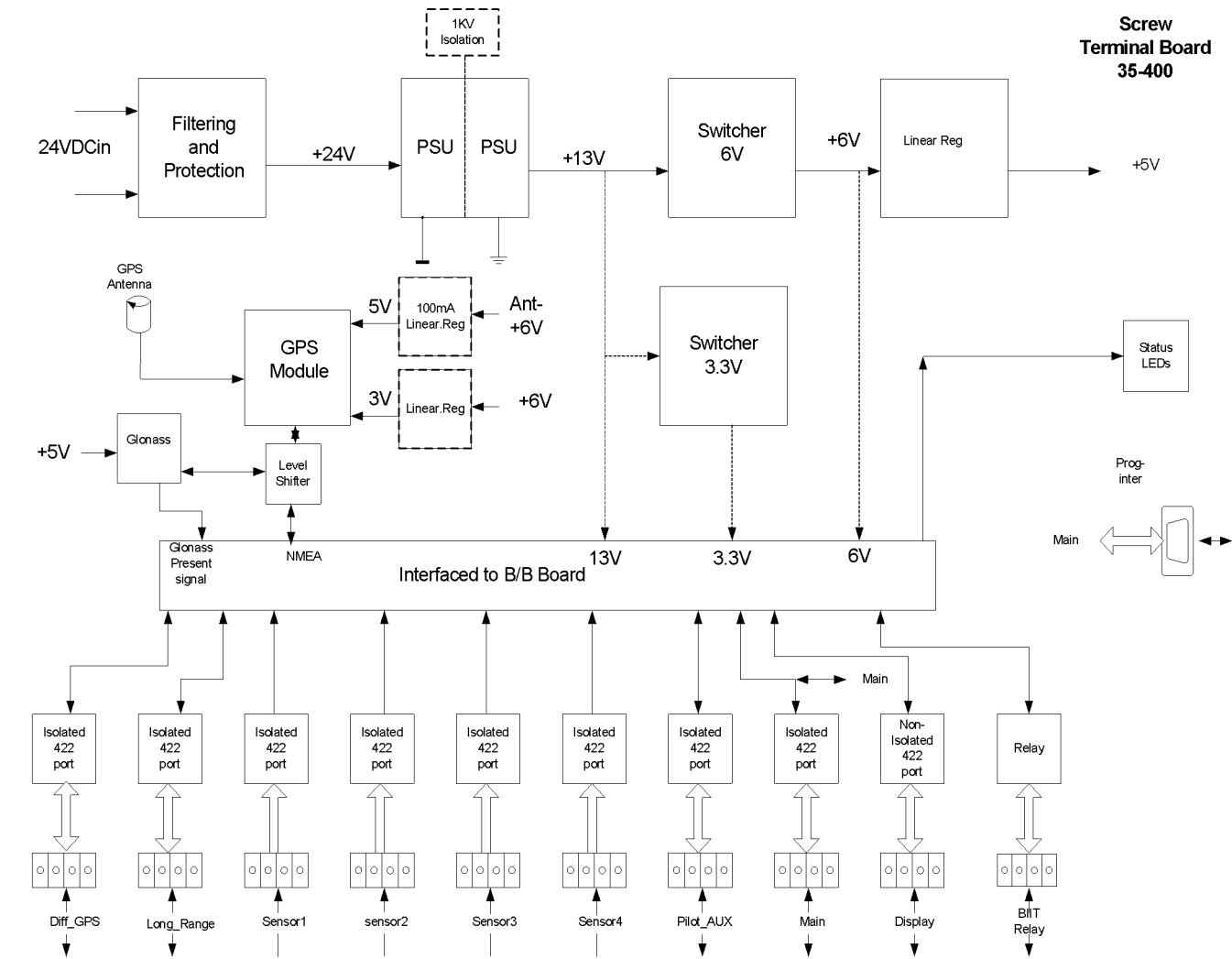
Block diagram below shows the base band hardware architecture.



2.3.2 DSP subsystem

2.4 35-400 Screw Terminal (STB) PCB

2.4.1 STB Block diagram



3 Architecture of the M-2 MKD

3.1 Block diagram – MKD

