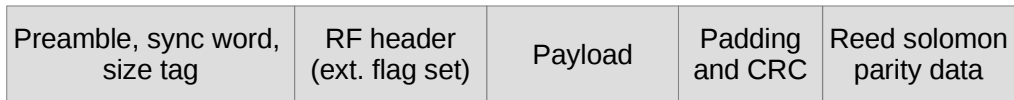


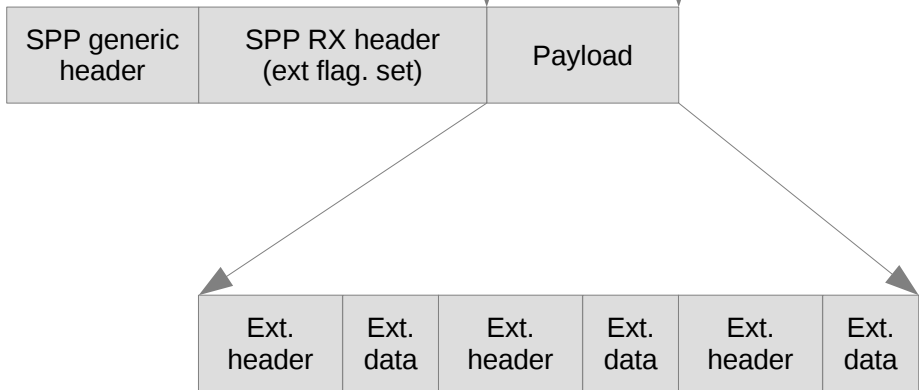
NGHam RF protocol

The RF protocol, also known as just NGHam, is the protocol used over the air. Data is scrambled and protected by forward error correction.



NGHam Serial Port Protocol

This protocol is used over serial ports, for example from an Owl to a computer. The payload is kept unmodified, and information such as signal strength is added to the packet. Other types of data, such as radio commands, can be sent over this protocol.



NGHam Extension

If the NGHam extension flag is set, the Payload contains NGHam extension data. Each NGHam extension packet has a separate header, describing the type and size of the following data, and the payload can contain multiple extension packets, each containing information such as position, callsign, timing information, statistics, destination, repeating information etc.