

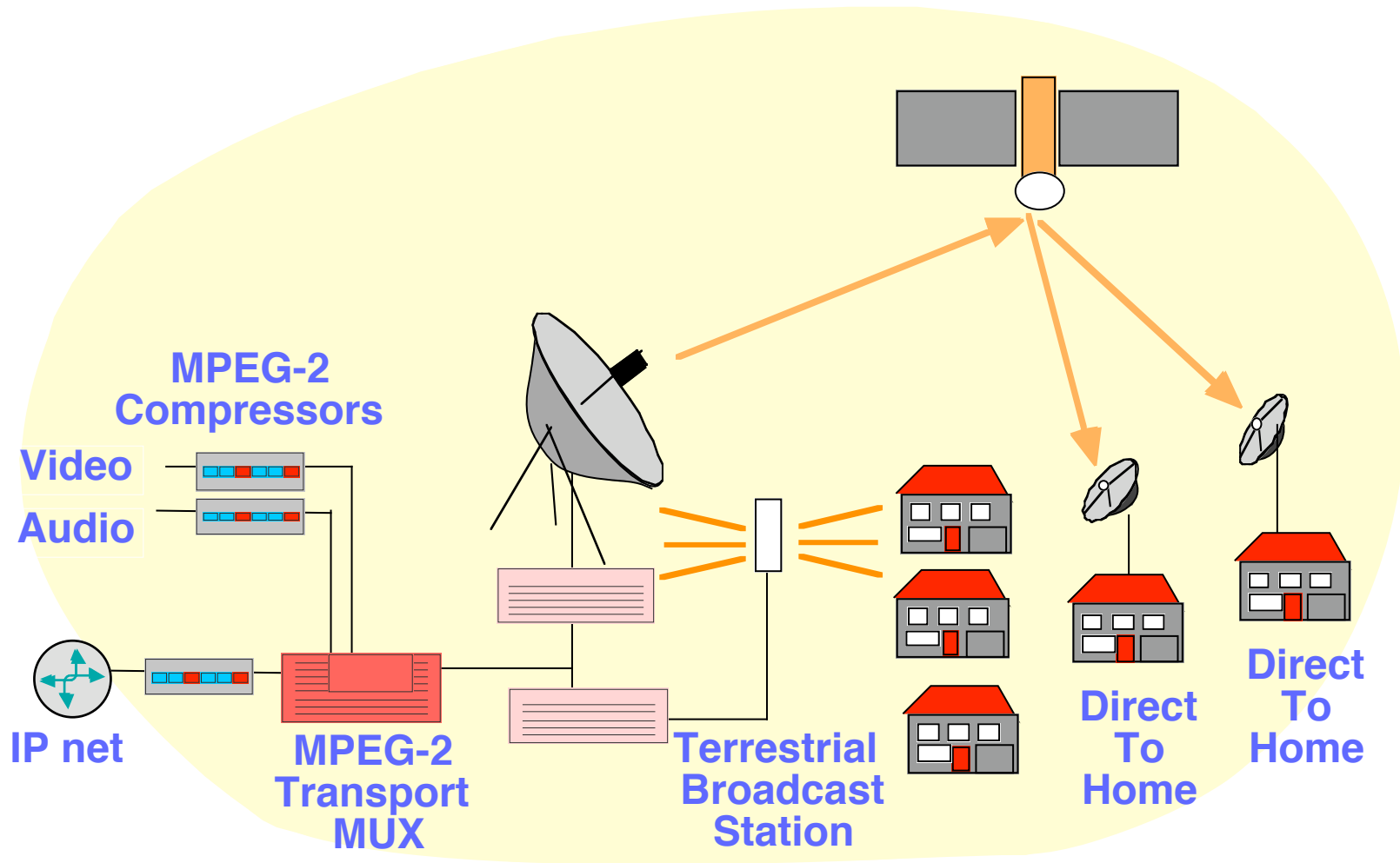
Introduction to the planned work

draft-fair-ipdvb-req-03.txt

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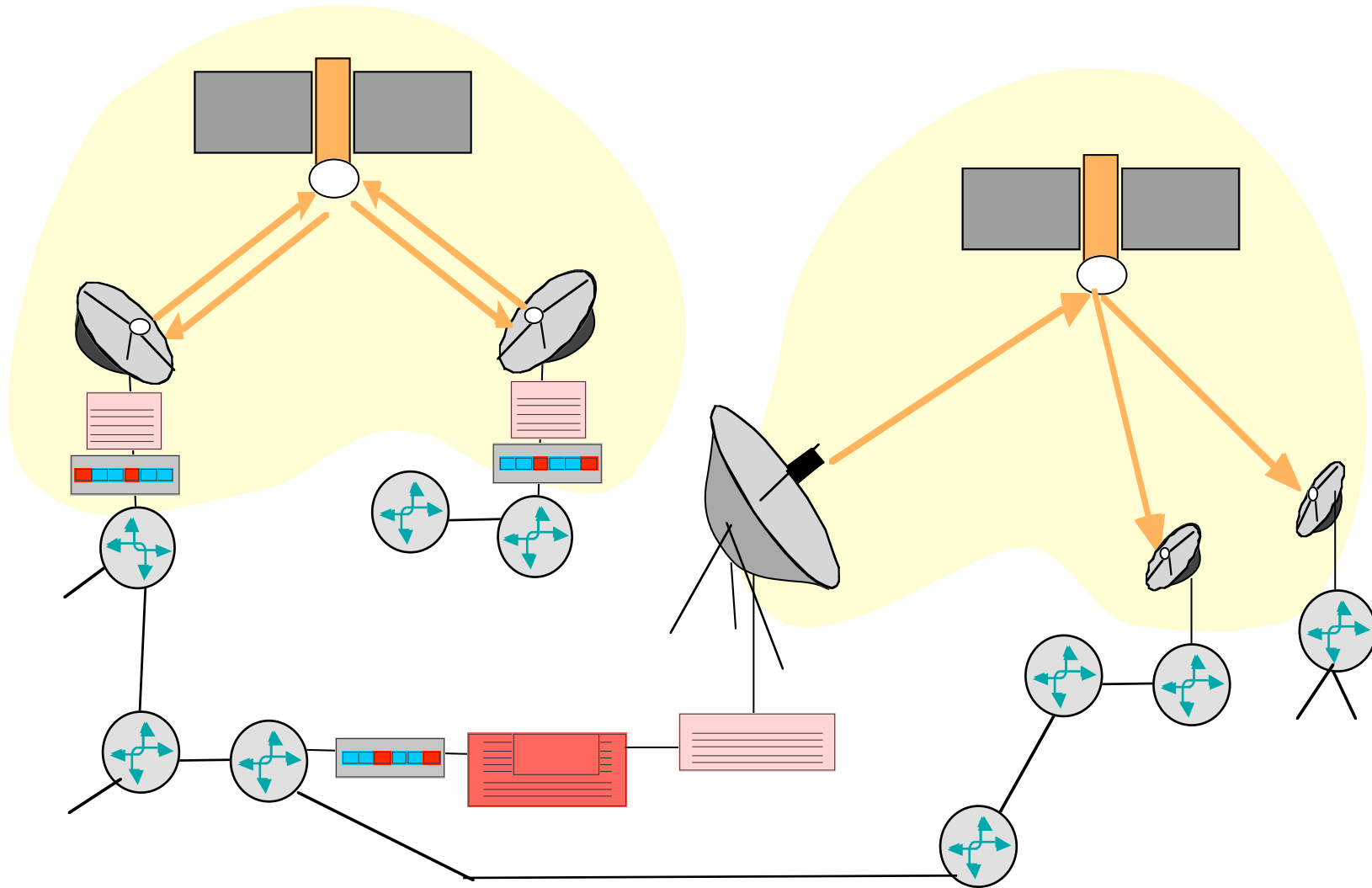
IP over MPEG-2/DVB Transport BOF
(ip-dvb)

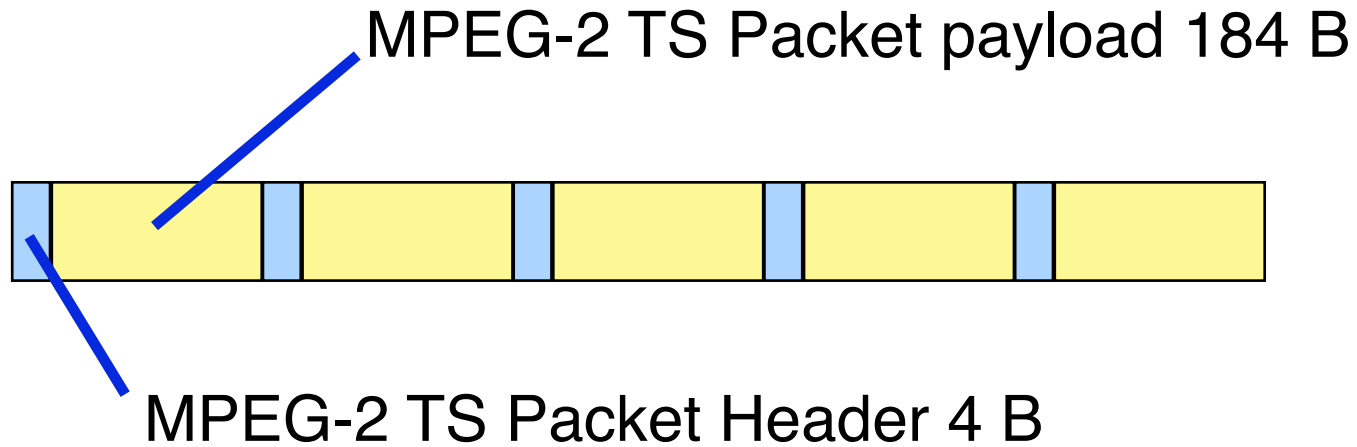
Classic MPEG-2TS



IP over MPEG-2/DVB Transport BOF
(ip-dvb)

IP over MPEG-2TS





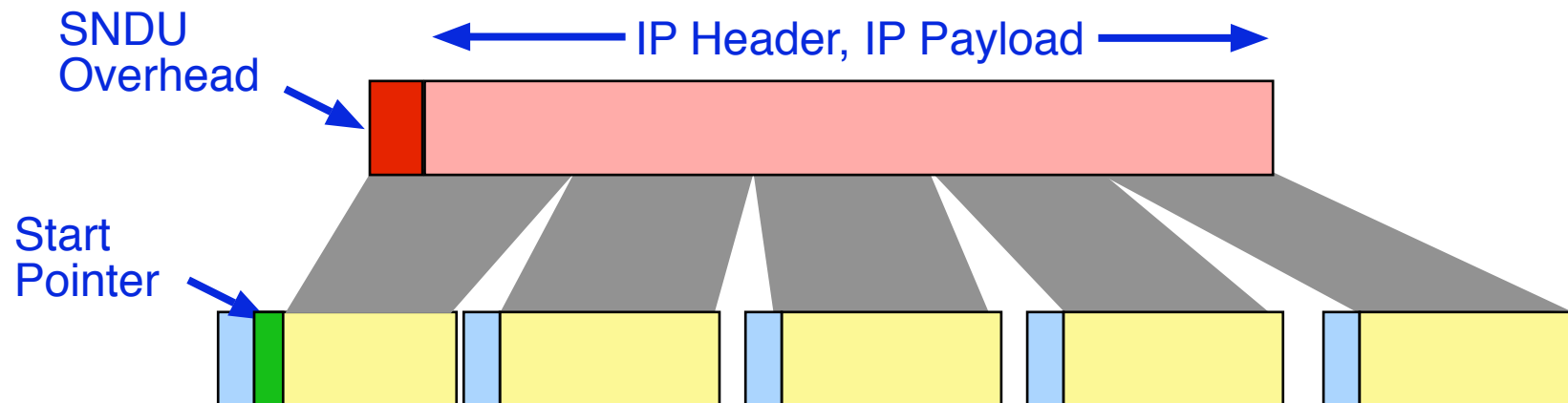
Specified by ISO 13818-1

IP over MPEG-2/DVB Transport BOF (ip-dvb)

IP packets typically 40 B –1500 B, PMTU increasing!!

IP packets encapsulated to form SNDU

MPEG-2 TS Packet payload 184 B



IP over MPEG-2/DVB Transport BOF (ip-dvb)

Receiver



Tuner

Multiplex (frequency, bit rate, etc)

deMultiplexor

Select PID (MPEG-2 TS Logical Channel)

Decapsulator

Receiver Address

Sender/Receiver need to agree these things (Address Resolution)



Separate Requirements and Framework (rev-04)

Scenarios important to see way ahead:

e.g. mesh DVB-RCS (see Alcatel Space, IETF-58)

e.g. satellite TV operators

e.g. satellite/terrestrial UDLR

e.g. satellite-connection to ADSL...

Further scenarios?