

Space Link Services Area

Resolution SLS-R-2021-05-005

Start of Agency Review for CCSDS 414.1

“Pseudo-Noise (PN) Ranging Systems”

Pink Book to Issue 2

18th May 2021

Gian Paolo Calzolari SLS Area Director

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The Space Link services Area,

CONSIDERING that the RF & Modulation (RFM) Working Group

- identified the need to update Issue 2 of 14.1-B, almost due for 5-years review, in order to make 24 Mchip/s an available chip rate for Ka-band
- reviewed the draft update to CCSDS 414.1 “Pseudo-Noise (PN) Ranging Systems”
- has consensus on requesting to start Agency Review for Pink Sheets to this recommended standard

RECOGNISING that required resources have been identified

RECOGNISING that due to the nature of the change, no prototype is required

Space Link Services Area

RESOLVES to request CESG & CMC to approve starting the Agency Review of Pink Sheets for updating CCSDS 414.1 “Pseudo-Noise (PN) Ranging Systems”

RECOMMENDS that the CESG & CMC approve this resolution and, finally

REQUESTS that CESG & CMC polls be conducted to accomplish this.