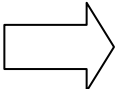




Vendors – DGTVi
meeting
Cologno Monzese, 19th July 2004

DGTVi activities

- Published on www.dgtvi.it web site Draft D-Book “Compatible DTT receivers for the Italian market”
 - *Based on international standards (e.g. DVB, ETSI and EICTA)*
 - *Focus on interoperability issues*
 - *Graceful degradation approach*
 - Request for comments by this meeting
- 
- Foreseen D-Book publication by September 2004
 - Same procedure (draft, comments and final issue) for addendum to come afterwards
 - *EPG*
 - *Profile manager*
 - *Security*

D-Book 1.0 highlights



- Front-end
- Remote control
- Service Information
- Network connection (tuning)
- Security
 - *MHP Security*
 - *Conditional Access*
 - *Smart-card for T-government*

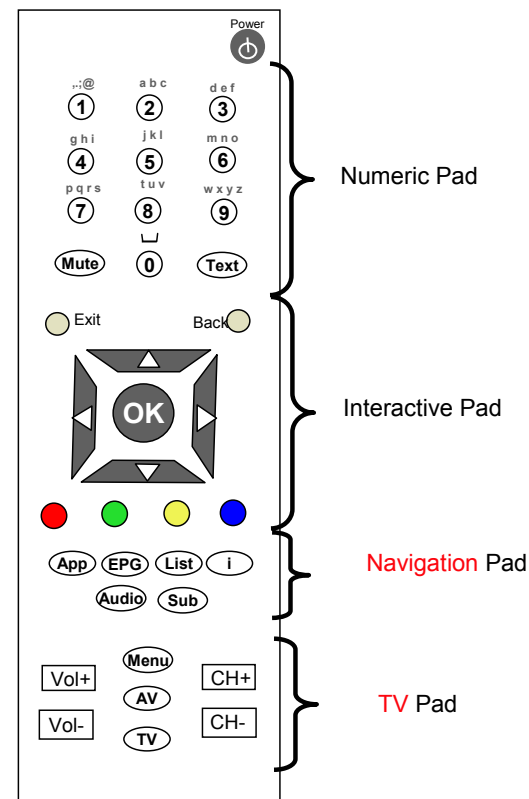
Front-end



- Requirements based on AGCOM 216/00/CONS specs plus hierarchical modulation (as required by EICTA too) to support possible future mobile broadcast services

Remote control

- To provide a consistent user experience, mandatory behaviour and labeling of certain keys
- Special care on BACK/EXIT/TV keys



Network connection (tuning)



- Automatic update of broadcasted services vital during the transition phase
- Different types of scan defined (manual full, manual single channel, automatic full)
- Given details constrain only the (minimal) results users should achieve. Specific implementations and extra features are left to manufacturers

Service Information



- Derived from EICTA, the most notable differences being:
 - *BAT mandatory to interpret*
 - *Unique identification of services heavily based on TS_ID, rather than just on ON_ID and S_ID*
 - *Handling of duplicate services*
 - *LCN off for the time being*

MHP Security



- Standard MHP security framework requested
- Set-up of the relevant PKI by DGTVi starting after summer, with first root certificates issued before the end of 2004

Conditional Access



- No single Conditional Access system has been or is expected to be selected
- Openness to support different CAs is key

Smart-card for T-government



- Lack of standard MHP smart-card API
- DVB activities in this area just (re)started
- Only general requirements set in D-Book 1.0
- DGTVi is going to issue its own specs by the end of 2004 if DVB ones are late

The following steps

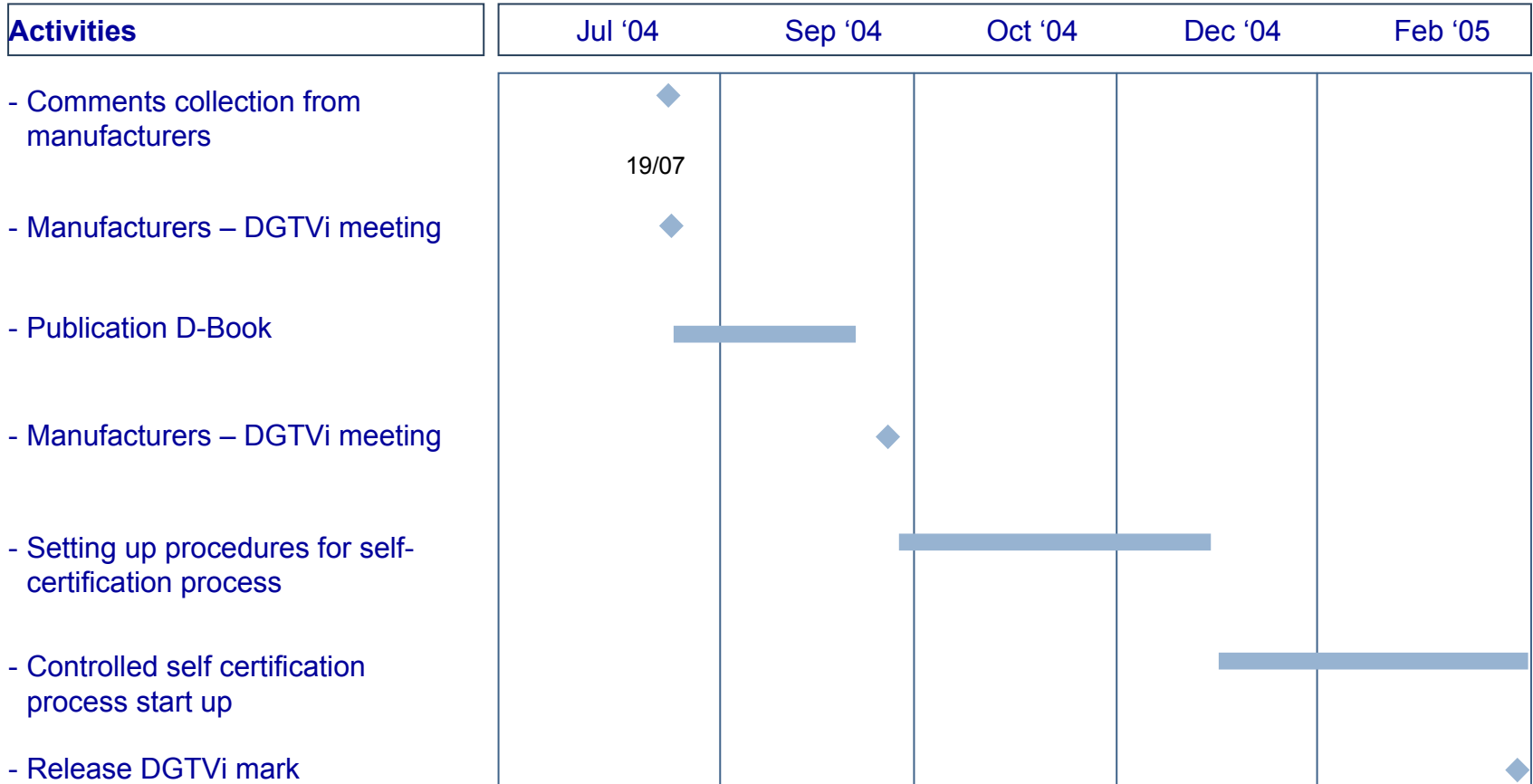
- Conformance to DGTVi profile D-Book specification **on a voluntary basis**
- Terms and conditions for the DGTVi mark release are *under study*, following these principles:
 - *The DGTVi mark is NOT a quality mark, but an “interoperability” mark*
 - *Addendum to D-Book will be treated autonomously*
 - *DGTVi intends to inform consumers about self-certified receivers (D-Book + addendum)*
- OTA arrangements will be treated *separately*:
 - *DGTVi intends to identify the most effective approach in order to:*
 - ▶ *Update the installed receivers DGTVi profile:*
 - D-Book
 - Addendum

“Controlled self-certification approach” proposal



- Self-certification by vendor
- Use of DGTVi mark after positive blind test results granted by an independent lab(s)
 - *Vendors will be charged for testing costs*
 - *By the end of December/beginning of January 2005 starting first wave with an independent lab*
- Release of DGTVi mark by end of February 2005

Manufacturers – DGTVi joint activities road map



Contact



Web site: www.dgtvi.it

E-mail: tecnica-testing@dgtvi.it