

TECHNICAL SUBGROUP

Advisory Committee on Advanced Television Service

Summary Decisions

July 19, 1995

Dual Stream Audio

In a report by Mr. Gaspar, the Expert Group on Audio recommended that dual stream audio decoding be optional and that appropriate text be added to the ATSC standard.

The Technical Subgroup accepted the report and adopted the recommendation of the Expert Group.

Grand Alliance Transmission Subsystem

Mr. Henderson reported the status of discussions on Phase 1 and Phase 2 VSB modem designs.

The Technical Subgroup accepted Mr. Henderson's report and asked that he give a final report on this matter at the next Subgroup meeting.

SDTV Scanning Formats

Dr. Hopkins submitted the recommendations of the Expert Group on Scanning Formats / Compression regarding SDTV scanning formats. Specifically, the Expert Group recommended that the following SDTV formats accompany the HDTV formats in the ATV standard.

<u>Active Lines</u>	<u>Hor. Pixels</u>	<u>Aspect Ratio</u>	<u>Picture Rates</u>
480	704	4:3 and 16:9	60I, 60P, 30P, 24P
480	640	4:3	60I, 60P, 30P, 24P

The Technical Subgroup accepted the report and adopted the recommendation of the Expert Group.

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Colorimetry

Dr. Hopkins submitted the recommendations of the Expert Group on Scanning Formats / Compression regarding colorimetry. The Expert Group recommended that the ATV documentation specify SMPTE 274M colorimetry as the default.

The Technical Subgroup accepted the report and adopted the recommendation of the Expert Group.

All-Format Requirement

Mr. Misener reviewed the decision of the last meeting of the Technical Subgroup and requested that the Subgroup empower his drafting group to assemble an options paper on the all-format requirement.

The Technical Subgroup granted this request and asked for a final report at the next meeting.

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