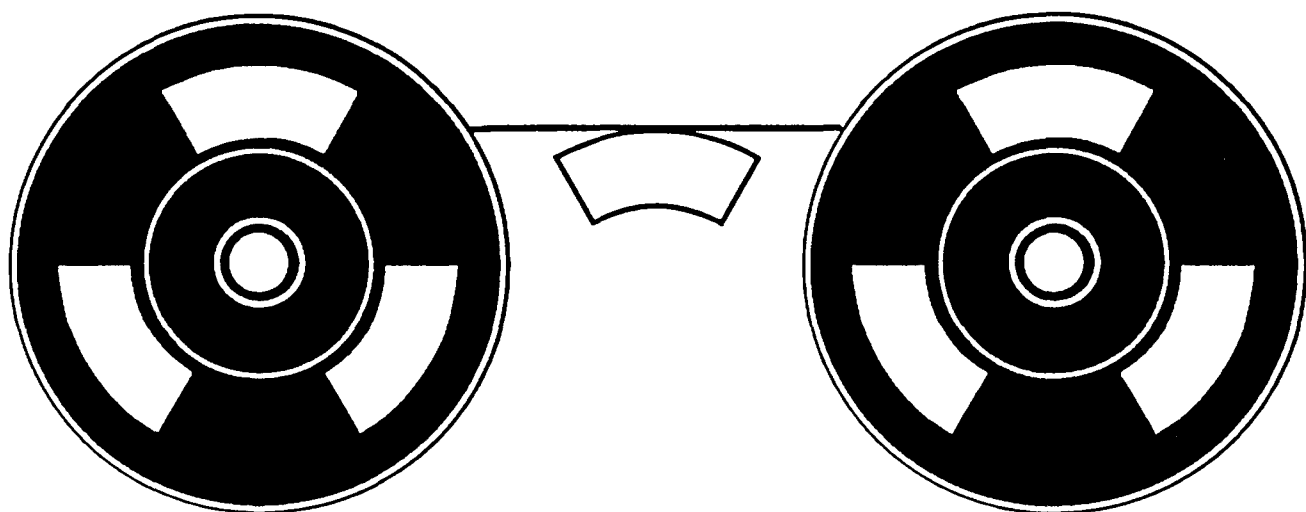




INTERNATIONAL TELECOMMUNICATION UNION

# 1992 - CCIR RECOMMENDATIONS

(New and revised as of 15 September 1992)



RBR SERIES  
SOUND AND  
TELEVISION RECORDING



INTERNATIONAL RADIO CONSULTATIVE COMMITTEE  
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## Recommendation 602-2 (1992)

### Exchange of television recordings for programme evaluation

Extract from the publication:

*CCIR Recommendations: RBR series: Sound and Television Recording*  
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## RECOMMENDATION 602-2

## EXCHANGE OF TELEVISION RECORDINGS FOR PROGRAMME EVALUATION

(Questions 18/11 and 105/11)

(1982-1990-1992)

The CCIR,

*considering*

- a) that a significant number of television recordings are exchanged by broadcasting organizations for purposes of programme evaluation;
- b) that the U-format (specified in IEC Publication 712) and VHS format (specified in IEC Publication 774) provide good interchangeability between video cassettes recorded on machines supplied by several manufacturers;
- c) that these formats provide programme quality consistent in time and adequate for programme evaluation;
- d) that these formats were originally designed for the consumer market; consequently:
  - the recorders and the cassettes are comparatively cheap to buy;
  - the recorders can be operated by untrained personnel;
  - they are comparatively reliable and robust;
  - they are quite widespread and easily available;
- e) that the use of tape cassettes offers advantages in handling and shipping,

*recommends*

1. that the use of video cassettes conforming with the U-format or the VHS format should be preferred for the international exchange of recorded programmes for programme evaluation, in both the 625 lines, 50 fields/s and the 525 lines, 60 fields/s standards.

*Note 1* – Several formats have appeared recently and may be used for the same application subject to prior agreement. These are S-VHS format (IEC/SC 60B (Secretariat) 199), Video 8 format (IEC Publication 843), and Hi8 format (IEC/SC 60B (Secretariat) 198).

2. that these recordings shall comply with the specifications shown in Annex 1 and Annex 2 respectively.

For VHS recording, only the “normal speed” recording mode should be used with the sound recorded on the two longitudinal tracks, and, when in stereo, the left-channel signal must be recorded on track 1 (inner track) and the right-channel signal on track 2 (edge track).

## ANNEX 1

**Specifications for U-format video cassette recordings intended  
for international exchange for programme evaluation**

**1. Recording format**

The recording format shall comply with IEC Publication 712 “Helical scan video tape cassette system using 19 mm (3/4 in) magnetic tape”, known as U-format (1982).

**2. Sound recording****2.1 *Monophonic sound***

In the case of monophonic programme sound, the sound will be carried on audio track 2, which is the track furthest from the tape edge.

**2.2 *Stereophonic sound***

In the case of stereophonic sound, the left channel shall be carried on track 1, and the right channel shall be carried on track 2.

**ANNEX 2****Specifications for VHS video cassette recordings intended  
for international exchange for programme evaluation**

The recording format shall comply with IEC Publication 774 ("Helical scan video tape cassette system using 12.65 mm (0.5 in) magnetic tape of type VHS") and its corrigendum (September, 1984).

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