

December 4, 1990

Dear Colleague--

As you are surely aware, research engineers and scientists of the ATRC (from all around the world) are working extremely hard to create the best digital HDTV simulcast system for us. In order to meet the FCC testing schedule, we must quickly embark upon an extremely aggressive hardware effort, which must produce a testable system in nearly a year. We invite your participation in an executive review of the available alternatives for RF modulation and data compression, to be held at Sarnoff on Wednesday, December 12, and Briarcliff on Thursday, December 13.

An agenda for the days is attached. We will arrange transportation from Sarnoff to Briarcliff, dinner and room reservations for the evening of the 12th, as well as transportation and the return to Sarnoff on the 13th.

Due to facilities, attendance must be limited to key executives. On this day, we must decide on the technical approaches to HDTV should be for the FCC proposal, and next year's hardware effort. We hope to have some recommendations from a group of technical experts who will preview the demonstrations two days in advance. We are anxious to have your participation in what will undoubtedly be a key strategic decision for all of us in the ATRC.

Sincerely,

Glenn A. Reitmeier Mikhail Tsinberg Frank Kot

Thomson

Max Artigas
Joe Donahue
Erich Geiger
Uwe Kraus
J. MacDonald
D. Westerkamp

Philips

Pete Bingham
CAAJ Greebe
Frank Kot
Amihai Miron
Mark Rochkind
Brian Smith
Mike Tsinberg

NBC

Ron Gnidziejko
Peter Smith

GERLMO
Dean Chase

Sarnoff

Curt Carlson
Jim Carnes
K. Jonnalagadda
D. Raychauduri
Glenn Reitmeier
Hugh White -RF
Charlie Wine -C

Digital Simulcast ATRC Executive Review

Wednesday, Dec. 12 (at Sarnoff)

- 8:30** **Arrival/Coffee**
- 8:45** **Welcome and Introduction**
- 9:00** **RF Issues**
- 9:30** **COFDM Review and Results**
- 10:30** **QAM Review and Results**
- 11:30** **Lunch**
- 1:00** **COFDM and QAM comparisons**
- 3:00** **Alternatives and Decision**
- 4:30** **Depart for Briarcliff**
- 7:00** **Hotel check-in**
- 7:30** **Cocktails/Dinner**

Thursday, Dec. 13 (at Briarcliff)

- 10:00** **Arrival/Coffee**
- 10:30** **Welcome and Introduction**
- 10:45** **System Descriptions**
- 12:00** **Lunch**
- 1:00** **System Demonstrations**
- 2:00** **Complexity-Performance-Risk**
Summary and Discussion
- 3:30** **Conclusions and Recommendations**
- 4:30** **Concluding Remarks (P. Bingham and J. Donahue)**