

bourne, Adelaide, Brisbane, etc.) seem to have the same problems as New York, Chicago, and San Francisco. ENG units and TV helicopters abound, and satellite earth stations are everywhere. Watching TV on the local channels in Sydney gives the impression that every station has an Ampex ADO or a Quantel DVE unit, and that every station identification or logo was put together for the maximum visual impact. Picture quality for local origination is very good, and technical standards are high.

The Equipment Exhibit

The newest equipment on display at IREECON this year, which had not been present in 1981, was the current range of computer-assisted graphics systems that are beginning to sprout in North America, Europe, and Japan. All of the large system manufacturers (Aurora, Bosch Fernseh, Dubner, and Quantel) had displays, and there was even a local Australian product in this field called Conjure, made by Vision Control. Quantel had its Paint Box system in operation at the Quantum booth, where an artist demonstrated the graphic capabilities of this system. By the end of the show, Quantum had announced that this unit, and additional Quantel digital equipment, had been sold to QTQ in Brisbane for a major updating project at that station.

The Aurora 100 Digital Videographics system capabilities were demonstrated at the Magnatech stand through the use of a multistandard U-Matic player, a standards converter, and NTSC and PAL monitors. In addition, private demonstrations were made at ABC headquarters and at ATN7 in Sydney.

The Dubner system was in the Pacific Engineering booth and was operated by Ms. Dubner, the daughter of the developer of this unique device. The Bosch Fernseh FGS-4000 was also demonstrated by a graphic artist at their stand. It was evident that there was considerable interest in this new technology, by the constant parade of delegates to these displays.

Color cameras and 1-in. helical VTRs ran the same gamut as elsewhere, all operating in PAL and all showing excellent quality images. Type-C recorders are far more prevalent than Type-B, but the BCN format has some avid users in Australia.

The company that has had the largest growth in Australia in recent years is Sony. Their exhibit occupied

SMPTE Australian Section's Conference-Exhibit Sydney, June 7-9, 1984

The SMPTE Australian Section will hold its first international conference and equipment exhibit from June 7-9, 1984, at the Sydney Showgrounds, Sydney, Australia. The conference will have as its theme "Sound & Vision '84: The International View of Sound & Vision Communication Technology."

The three-day papers presentation will cover the latest developments in sound and vision technology. A tentative program for the papers sessions has now been set, subject to revision as the papers come in.

A total of 54 papers is now planned, together with two panel discussions. One session, for sound papers, is planned to run in a commercial theater to ensure first-class sound reproduction. As of October 7, 1983, the topics are expected to include the following: Trends in Image Production; Film and Production Technology; New TV Technology (Broadcast); Film and Video Special Effects; Sound (in alternate venue); TV Technology and Operation (Production); Video Post-Production; Laboratory Practices: Film and Tape Interface; Theatrical Presentation, and Computer Graphics. A speakers' panel on TV Technology is scheduled for Thursday, and a speakers' panel on Laboratory Practices for Friday afternoon.

In addition to the technical presentations, an exhibit will be held on June 7, 8, and 9. It will feature the latest in film, video, and sound-reproduction equipment. Over 50 local and international companies are planning to participate.

The chairmen for the conference are as follows:

Chairman, Australian Section: John Donovan
Conference Co-Chairmen: John Barry, Murray Forrest
Papers Chairmen: Dominic Case, Ross Thyer
Registration Chairmen: Frank White, Bruce Robertson
Publicity Chairmen: Allan Kealy, Frank White
Social Chairmen: John Barry, John Donovan
Ladies' Committee: Judy Barry, Georgia Forrest
Secretary/Treasurer: Jeff Deal, Bruce Harrell

All members of the Society are encouraged to attend the conference. Arrangements are being made to obtain air travel and hotel accommodations at special rates for guests from other countries. For further information, inquiries should be directed to Keith Blunsden, World Trade Promotions, 291 Sussex Street, Sydney, NSW 2000, or Chairman John Donovan, Atlab Australia, Television Centre, Epping, N.S.W.

one of the largest areas, and they showed not only the usual broadcast products, but quite a range of interactive audiovisual equipment using their SMC70 microcomputer, their laser disk player, and a wide range of accessories to these modern teaching devices.

A new Sony product, exhibited for the first time, was a very compact video projector built into a portable housing about the size of a two-suitcase, complete with casters to roll on. On a curved high-gain screen it produced a five-foot image of exceptional brightness, and even on a flat movie type screen the picture was very acceptable. Coupled with a good BVU player or the RGB output of the SMC70, the images displayed were

excellent. Sony also showed their Super BVU machine with enhancement circuitry developed in a joint venture with Faroudja Laboratories. U-Matics are widely used by broadcasters in Australia, and this development was of particular interest.

In this same category, the Quantum booth had a pair of stand-alone Faroudja Labs products that can be used to enhance PAL color images. The newest product in this category is called the ColorEx, and provides significant color noise-reduction and correction of chroma/luma displacement. A special switch on the front can be used to move the chroma/luma displacement window as much as .5 μ sec to accommodate worst case conditions of 500-nsec displacements that