

Aurora Color Television Project
Geophysical Institute
Box 757320
Fairbanks, Alaska 99775-7320

MEMORANDUM

To: To whom it concerns

From: Daniel L. Osborne TEL 907-474-7107
Project Manager & Producer FAX 907-474-7290
email= dosborne@gi.alaska.edu
Internet page at: <http://dac3.pfrr.alaska.edu/actp/#explained>

Subject: Aurora Color Television Project(ACTP): Auroral and other ultra
low-light-level images

ACTP possesses, about 100 hours of top quality, true speed true color video recordings of the aurora. I know of no one else who has such a selection or quality of aurora images. All other moving auroras that are on film or are long-exposure elapsed-time images that are sped-up to falsify some types auroral motions. Only fast frame rate images show the aurora as it truly appears, their curls, swirls, and shear motions etc.. Time-lapse film can not show the internal differential motions of auroras. Our fast frame rate allows pans, tilts, and zooms plus true speed auroral motions that cannot be obtained from time-lapse. Our television camera (operating at 30 frames/second) has a film speed equivalent of 2 million ISO (ASA) without the equivalent grain of a very fast film. The camera's color video output is standard broadcast quality, RS-170A, NTSC.

I have made two productions from our footage. The "Aurora", 1985/86, is 1/2 hour of selected images from the best aurora images from two years of work and set to symphony music. The second, the "Aurora Explained" is a approximately 1/2 hour explanation of the aurora and what causes it.

I license images from the "Aurora" and a few other special cuts such as a rare Great Red Aurora from March of 1989. Our images have been licensed for use by the National Geographic (several titles), BBC (several titles), Heather Cooper's Guide to the Universe, CBS Northern Exposure, CBS Winter Olympiad TV, The Planet Earth Series (PBS), Discovery Channel (many productions), Beyond 2000, Castle Rock Productions, to name a few.

Our "Image Sales Policy" lists charges from \$18.00USD/second on up, with a minimum sales or kill fee of \$600.00USD. Licensed images are supplied from digitally noise reduced camera original tapes on Betacam-SP, in NTSC, with a new time code track. The licensed images are not out-takes or in-takes from an edited master. They may contain frames not in any of the above productions. Licensed images supplied for your editing will contain lap or pre-roll frames on each end, if the

frames exist, typically 5 seconds at each cut's end. I will send a complete sales policy and prices if you are further interested in our images.