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NATIONAL AERONAUTICS AND SPACE ADMINISTRATION

APOLLO 17
TECHNICAL AIR-TO-GROUND VOICE TRANSCRIPTION

Prepared by
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INTRODUCTION

This document is the transcription of the technical air-to-ground (TAG) voice communications of the Apollo 17 mission. The transcript is divided into three columns — time, speaker, and text. The time column consists of four two-digit pairs for days, hours, minutes, and seconds (e.g., 04 22 45 12). All times are in Apollo elapsed time (AET), which is true mission elapsed time. The speaker column indicates the source of a transmission; the text column contains the verbatim transcript of the communications.

The time used by Mission Control Center (MCC) and indicated as ground-elapsed time (GET) in the Flight Plan may be updated to both the spacecraft and MCC computers but will not be updated to the telemetry downlink pulse-code-modulated bitstream or other time-recording devices. This GET updating will be performed only to correct significant changes in the Flight Plan time occurring as the result of delayed lift-off, midcourse corrections, or spacecraft burn-time differences (trajectory dispersions).

Should these updates occur, the Apollo elapsed time (the true mission-elapsed time) used in this transcript may not agree with Flight Plan and MCC times. Users of this transcript are cautioned to apply the appropriate time corrections for the updated periods.

Communications recorded from the primary communications network (GOSS net 1) comprise the bulk of this transcript. During periods when the lunar module (LM) and command module (CM) are physically separated, it is occasionally required that communications with both spacecraft be available simultaneously. To accomplish this, another communications network (GOSS net 2) is activated. At such times, this transcript will include the simultaneous but separate communications; GOSS net 1 communications will be contained on tapes with the suffixed letter A (i.e., Tape 88A); GOSS net 2, with B (i.e., Tape 88B).

A series of three dots (...) is used to designate those portions of the text that could not be transcribed because of garbling. A series of three asterisks (***) is used to designate those portions of the text that could not be transcribed because of clipping caused by the voice-actuated (VOX) mode. One dash (-) is used to indicate a speaker's pause or a self-interruption and subsequent completion of a thought. Two dashes (- -) are used to indicate an interruption by another speaker or the point at which a recording was abruptly terminated. Words given unusual emphasis by the speaker are underlined.