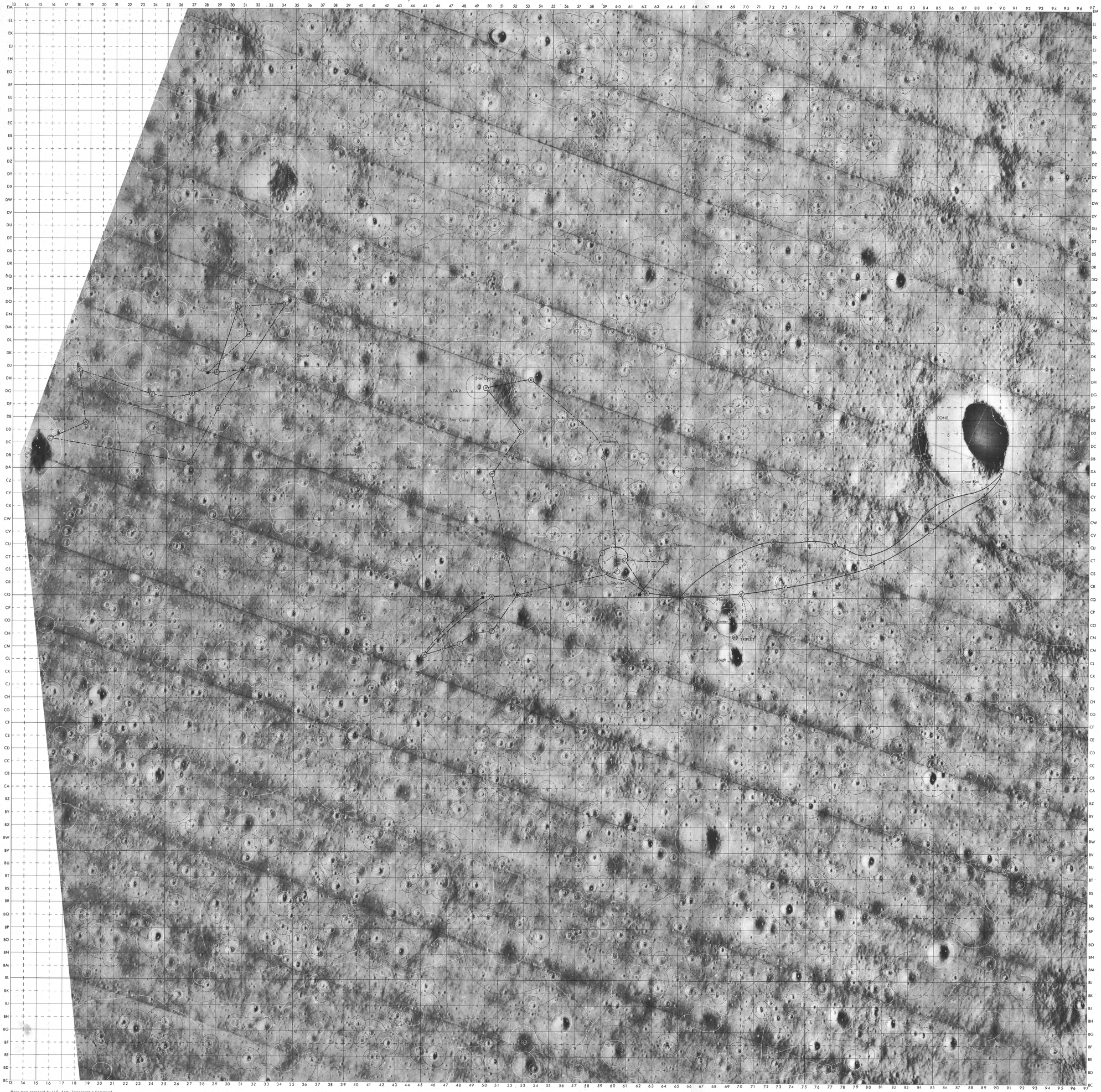
DEPARTMENT OF THE INTERIOR
UNITED STATES GEOLOGICAL SURVEY

PREPARED IN COOPERATION WITH THE
MANNED SPACECRAFT CENTER
NATIONAL AERONAUTICS AND SPACE ADMINISTRATION
UNDER NASA CONTRACT NO. T-655(35)



EXPLANATION

MAIN SEQUENCE CRATERS		RELATED EJECTA BLANKET	UPLAND UNITS	
6 / 5		E		COPERNICAN
4 / 3	ch Crater chains	D		
2 / 1	e Elongate crater	C		
Ech Chain crater material	Ecc Crater cluster material	Ec Crater material		ERATOSTHENIAN
			Is Smooth terrain material; Ifr / Ifh Fra Mauro Formation	Ic Crater material — IMBRIAN

- APPROXIMATE LIMIT OF EJECTA MATERIAL
- (WHITE) APPROXIMATE LIMIT OF THICK CRATER-RIM MATERIAL
- (WHITE) INDEFINITE CONTACT
- (WHITE) CONCEALED CONTACT
- X BLOCK (WHITE)
- BLOCK FIELD (WHITE)

TRAVERSE SYMBOLS

- LM-1 LANDING SITE 1
  - EVA I NOMINAL TRAVERSE
  - EVA II NOMINAL TRAVERSE
  - SHEPARD TRAVERSE
  - MITCHELL TRAVERSE
  - ALTERNATE TRAVERSE EXTENSION, TIME PERMITTING
- LM-2 LANDING SITE 2
  - EVA I NOMINAL TRAVERSE
  - EVA II NOMINAL TRAVERSE
  - SHEPARD TRAVERSE
  - MITCHELL TRAVERSE
- LM-3 LANDING SITE 3
  - EVA I NOMINAL TRAVERSE
  - EVA II NOMINAL TRAVERSE
  - SHEPARD TRAVERSE
  - MITCHELL TRAVERSE

- STATION POINT
- CP COMPREHENSIVE SAMPLE
- A ALSEP: APOLLO LUNAR SURFACE EXPERIMENT PACKAGE
- LR3 LASER RANGING RETROREFLECTOR

U.S. GEOLOGICAL SURVEY
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Base map prepared by U.S. Army Topographic Command (TPC) under the direction of Department of Defense for National Aeronautics and Space Administration, 1970.

Source of informal crater names: U.S. Geological Survey Apollo Lunar Geological Experiment Mission Planning staff.

This report is preliminary and has not been edited or reviewed for conformity with U.S. Geological Survey standards and nomenclature.

SCALE 1:5 000

1000 0 1000 2000 3000 4000 FEET

100 0 500 1000 METERS

N

Principal sources of geologic information: Lunar Orbiter high-resolution photographs III-H133, IV-H120; Lunar Orbiter moderate-resolution photographs III-M132-M134; Apollo 12 photographs; telescopic photograph 1129 by Catalina Station, Lunar and Planetary Laboratory, University of Arizona; and full-Moon plate 5818 taken at U.S. Naval Observatory, Flagstaff, Arizona.

Geologic interpretation by T. W. Offield (1970) U.S. Geological Survey Map I-708 (1:25,000) and by T. A. Y. Karlstrom. Traverse planned by U.S. Geological Survey and the National Aeronautics and Space Administration.

TRAVERSE MAP OF THE FRA MAURO LANDING SITE

JANUARY 1971

Moon (Fra Mauro-Apollo 14 area), Geol. 1:5,000. 1971.
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