

# HISTORIC AMERICAN ENGINEERING RECORD

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PANAMA CANAL

HAER CZ-1

Panama City

Former Panama Canal Zone

Canal Zone (Panama)

## INDEX TO BLACK AND WHITE PHOTOGRAPHS

Jet Lowe, photographer, July 2001

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|---------|--|
| CZ-1-1  | Vessel <i>McKinney Maersk</i> at Mireflores Lock, going from the Pacific Ocean to the Atlantic Ocean. Miraflores Lock is a two-step flight with a lift of 54'. |
| CZ-1-2  | Detail of rising stem valve indicator at Miraflores Lock.  |
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- CZ-1-20 Details of miter gates' position indicator and its control handles on Miraflores control board. Miter gates 102 and 103 are open. The black boxes have different colored indicator lights and serve as temporary controls for the new hydraulic system. The black sections of the board represent the culverts. The gray sections represent the locks (east to west).
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- CZ-1-47 Dewatered chamber of Pedro Miguel Lock. Maintenance personnel suspended from cranes are working on omega plates of missing miter gates 68 and 69. Miter gates 64 and 65 are in position. Caisson #2 in the distance is isolating the chamber from the Miraflores Lock.
- CZ-1-48 Similar view to HAER No. CZ-1-47.
- CZ-1-49 View of west wall during of dewatered Pedro Miguel Lock. Maintenance personnel are cleaning the base where the omega plates will be installed. Pedro Miguel control house in center of photograph. Miter gate 64 at left.
- CZ-1-50 View from bottom of empty west chamber at Pedro Miguel Lock, looking north.
- CZ-1-51 From same camera station as HAER No. CZ-1-50, general view of Pedro Miguel Lock chamber looking south. Groove in wall to left of the miter gate encloses the chain fender.

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- CZ-1-54 Installation of new rising stem valve.
- CZ-1-55 From bridge gate 73 of Pedro Miguel Lock, looking north with view of the Pedro Miguel control house. Maintenance personnel are working on miter gate 68. This miter gate was under rehabilitation at the industrial division in Colon. Fresh concrete was poured for the seals at the bottom of the gate because they are constantly scraped by ships.
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- CZ-1-63 Miter gate 61 of Pedro Miguel Lock, bottom south end.
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- CZ-1-65 Miter gate 64 of Pedro Miguel Lock, facing south.
- CZ-1-66 View from El Prado towards the Panama Canal Administration Building in Balboa.