

U.S. Department  
of Transportation

United States  
Coast Guard



# Memorandum

tes-3 WJ 3/7/91  
tes-A EJM 3/11

Subject: LORSTA HAVRE/LORMONSITE GREAT FALLS TRIP  
REPORT

Date: 07 March 1991

From: LT J. A. Lukinich, Jr.

Reply to  
Attn. of: tes-3  
LT Lukinich

To: Chief, Electronics Systems Branch *B 3/11*

1. The purpose of this trip was to provide technical assistance as needed by the Pacarea (Ptl) certification team. The station at Havre, Montana and the site at Great Falls, Montana are both part of the Mid-Continent Expansion system and were being certified operational by LT Schenk (COCO) and ENS Erickson. The period of the trip was: Lorsta Havre - 23-30 Jan 91 and Lormonsite Great Falls - 31 Jan & 01 Feb 91. Also during this trip, I had the chance to update the appropriate equipment inspection checklists, which will be incorporated into the latest MLC PAC (tes-3) Loran Inspection Program.
2. Both Lorsta Havre and the Great Falls site are in excellent condition. The equipment installations are outstanding and are operating properly. However I did note some minor discrepancies. The full certification report will come from Ptl. Enclosure (1) contains photographs of Lorsta Havre and Lormonsite Great Falls.
3. Lorsta Havre discrepancies:
  - o Five leaky capacitors (3-C1s & 2-C3s) were found in the transmitter's Half Cycle Generators; this seems to be an inordinately high number. These caps were actually leaking oil from around their terminals, and in some cases, the oil was pooling on the tops of the caps, as well as splattering on surrounding components.
  - o Some of the transmitter's tank circuit capacitors appeared to be swollen. But aren't affecting operations at this time. The station doesn't have a Hi-Pot for checking these caps.
4. Lormonsite Great Falls discrepancies: I noted no equipment discrepancies, however, a bookcase or shelf should be installed in the monsite hut. Currently the technical manuals, maintenance binders, and booklets are being stored in boxes on the floor of the hut.
5. Overall the trip was most enjoyable. It provided an opportunity for exchanging pertinent information, not only with COCO and the Ptl rep, but with the station crew and the FAA reps. My thanks goes out to ETC Boutwell and his crew at Lorsta Havre, and Mr. Chet Miller and his folks at the FAA in Great Falls for all the assistance they provided during this trip. They made me feel welcomed and part of their "families".

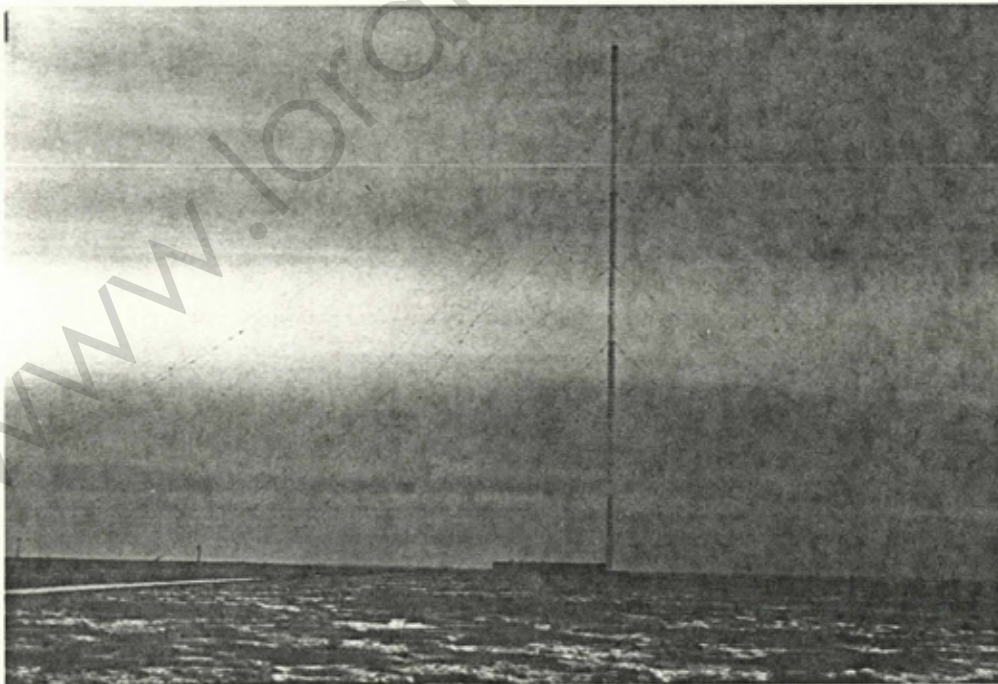
*J. A. Lukinich, Jr.*  
J. A. Lukinich, Jr.

Encl: (1) Lorsta Havre and Lormonsite Great Falls photographs

COPY FOR YOUR  
INFORMATION



WELCOME TO  
LORSTA HAVRE, MT.



ENCLOSURE(1)