

APPENDIX C: LORAN-C CHAIN GEOMETRY CONTOURSTABLE OF CONTENTS

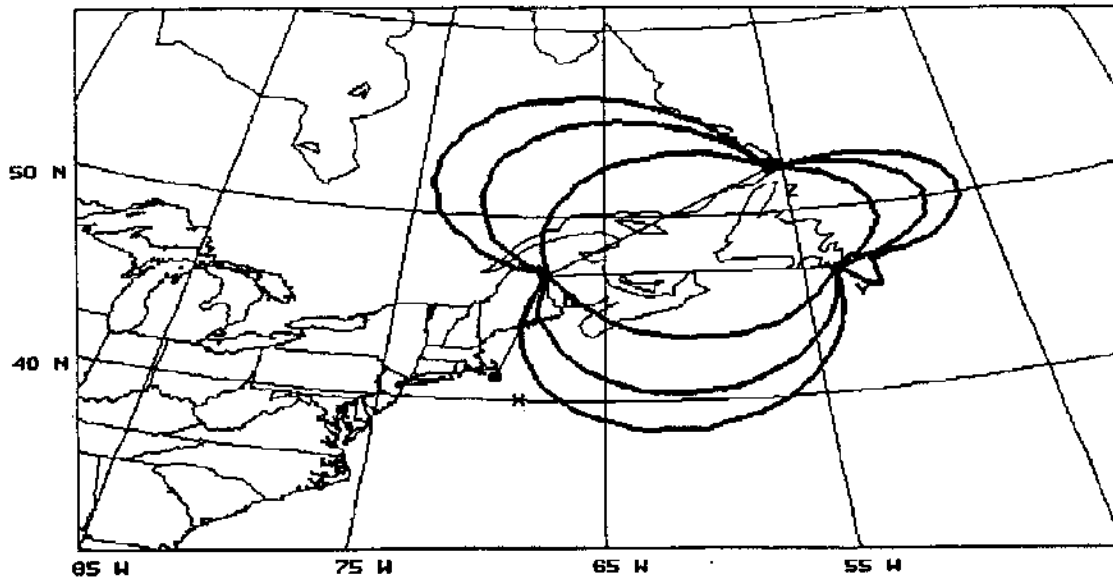
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LORAN-C CHAIN GEOMETRY CONTOURS

NOTE: The following pages contain 2DRMS (95%) geometry contours for each triad of each Loran-C chain. Calculations are based on a 0.1 us standard deviation. These are not coverage diagrams as range limits have not been included. This information is intended to assist users in selecting the most accurate triad in a given area.

LORAN-C GRI 5930

CANADIAN EAST COAST CHAIN (CEC)

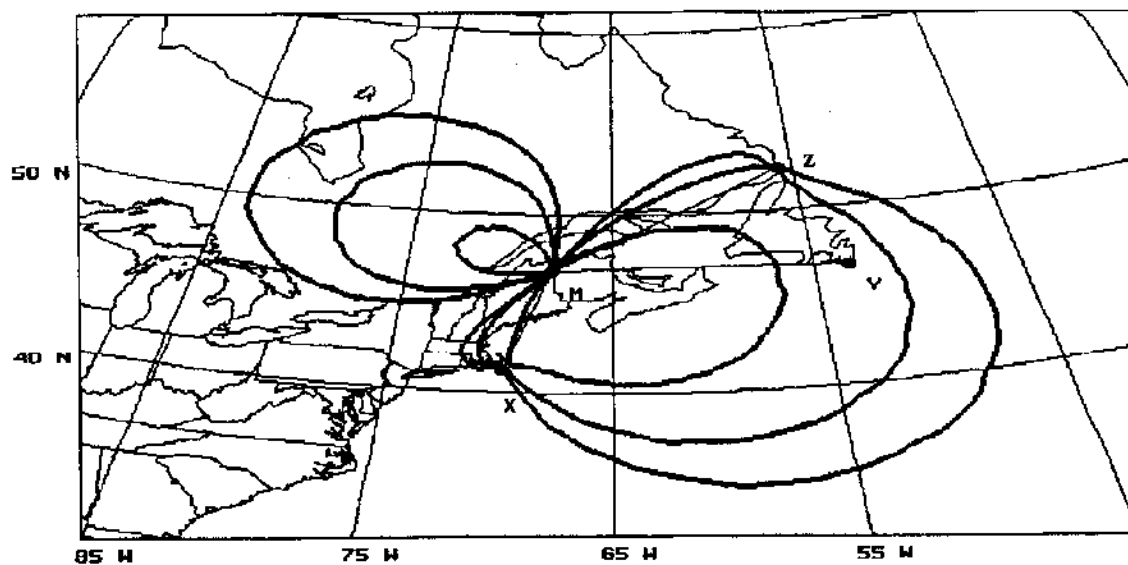


MYZ

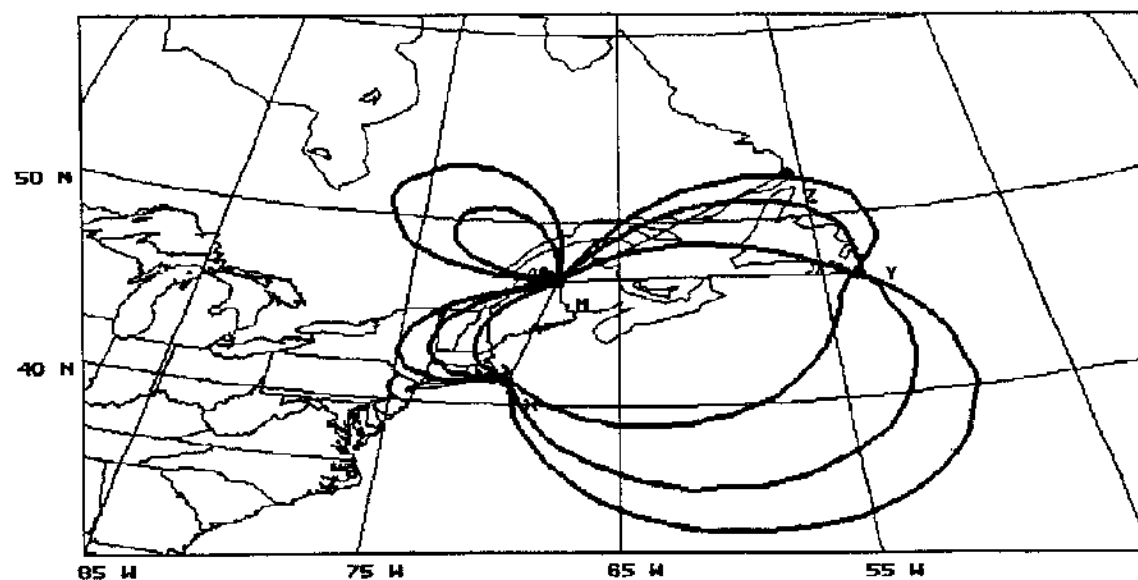
2 drms Fix Accuracy
with $\sigma = 0.1 \text{ us}$

Inner curve - 500 ft.
Middle curve - 1000 ft.
Outer curve - 1500 ft.

Note: These contours
are based on geometry
only, and do not
include range limits.

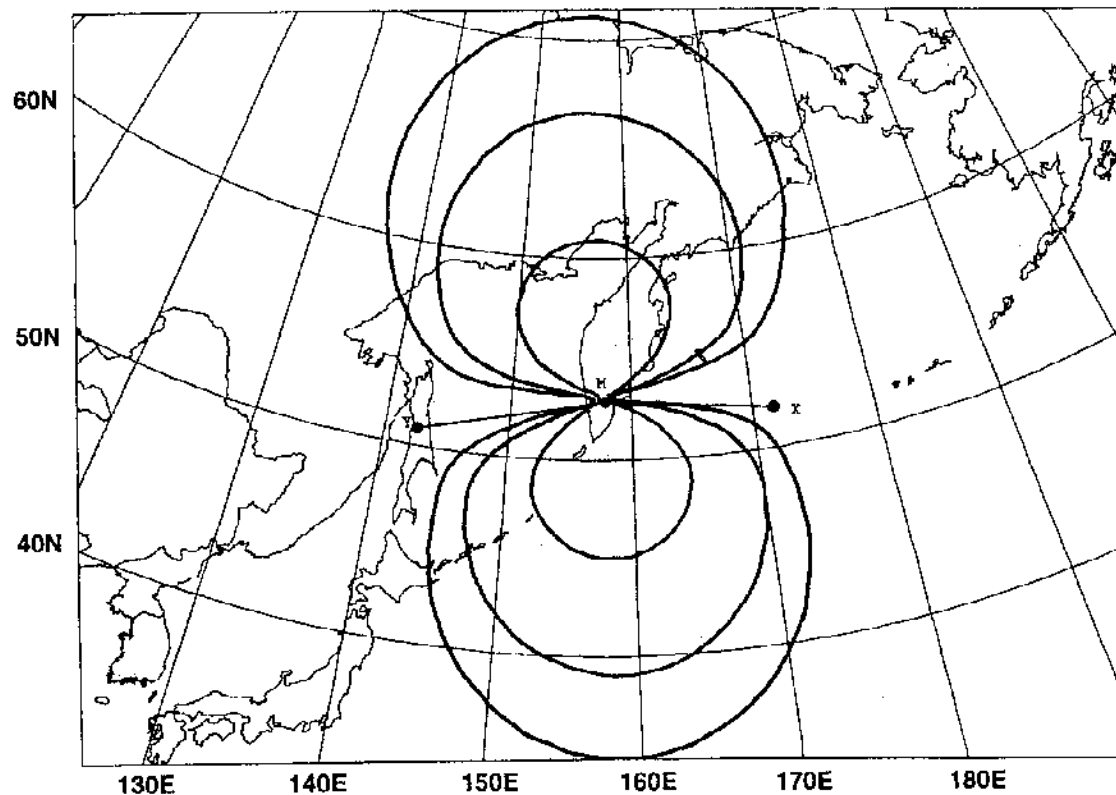


MXZ



MXY

LORAN-C GRI 5980 RUSSIAN AMERICAN CHAIN (RAC)



MXV

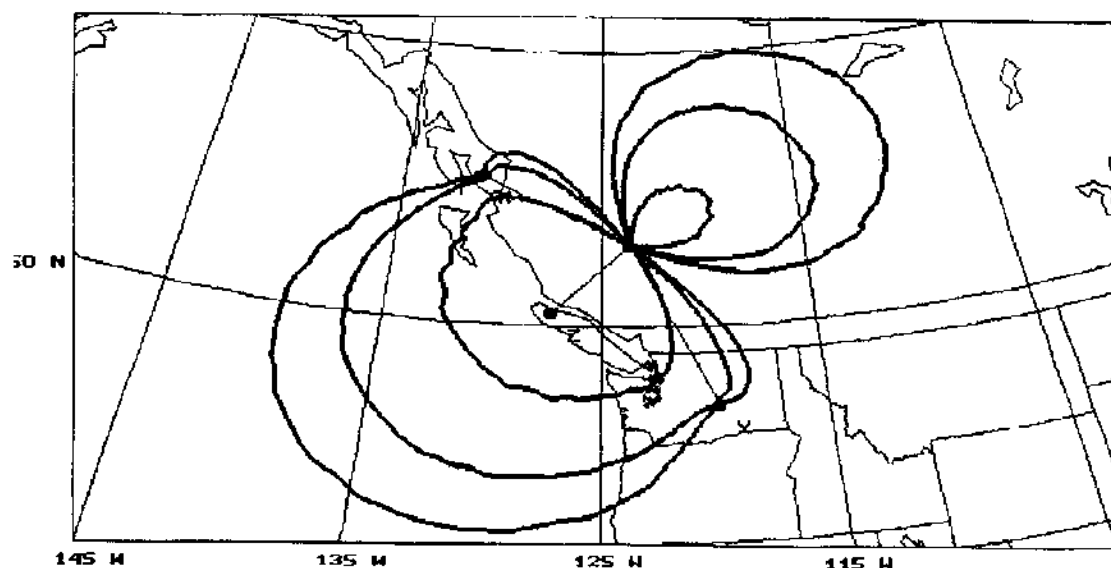
2 drms Fix Accuracy
with $\sigma = 0.1 \mu s$

Inner curve - 500 ft.
Middle curve - 1000 ft.
Outer curve - 1500 ft.

Note: These contours
are based on geometry
only, and do not
include range limits.

LORAN-C GRI 5990

CANADIAN WEST COAST CHAIN (CWC)

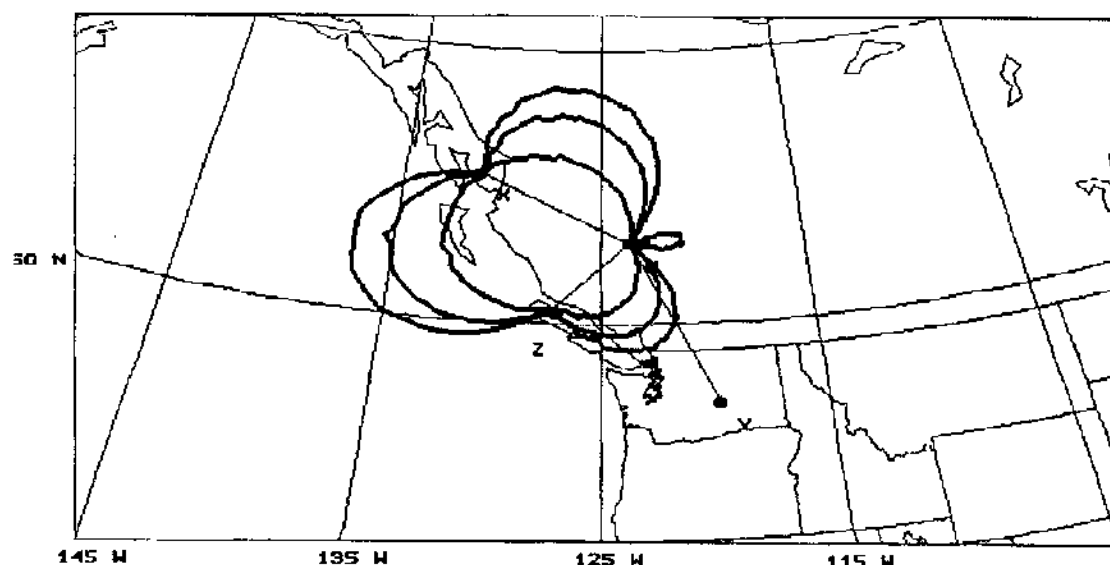


MXY

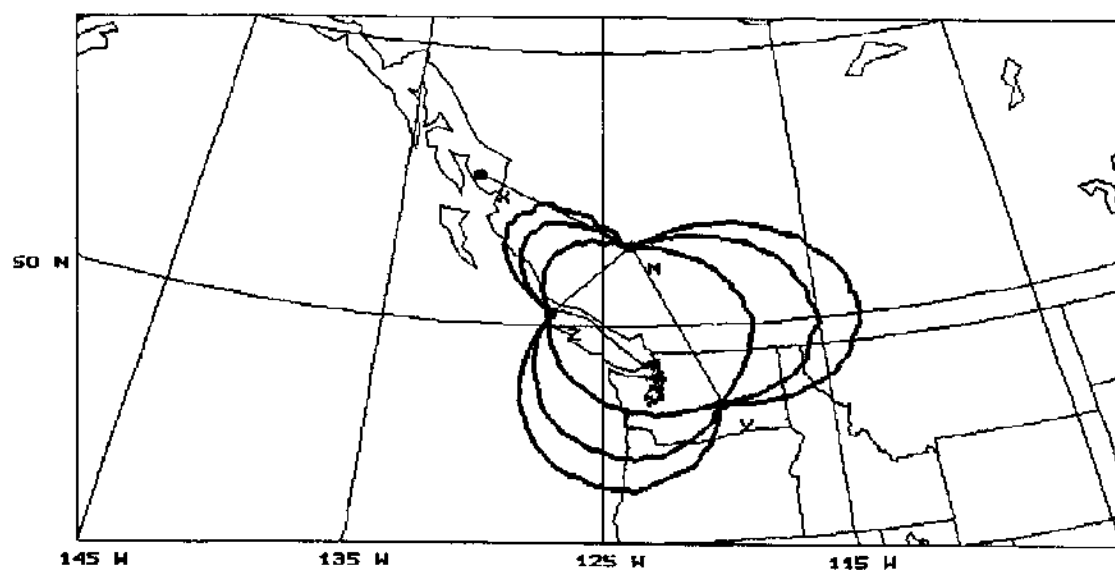
2 drms Fix Accuracy
with $\sigma = 0.1 \mu s$

Inner curve - 500 ft.
Middle curve - 1000 ft.
Outer curve - 1500 ft.

Note: These contours
are based on geometry
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include range limits.

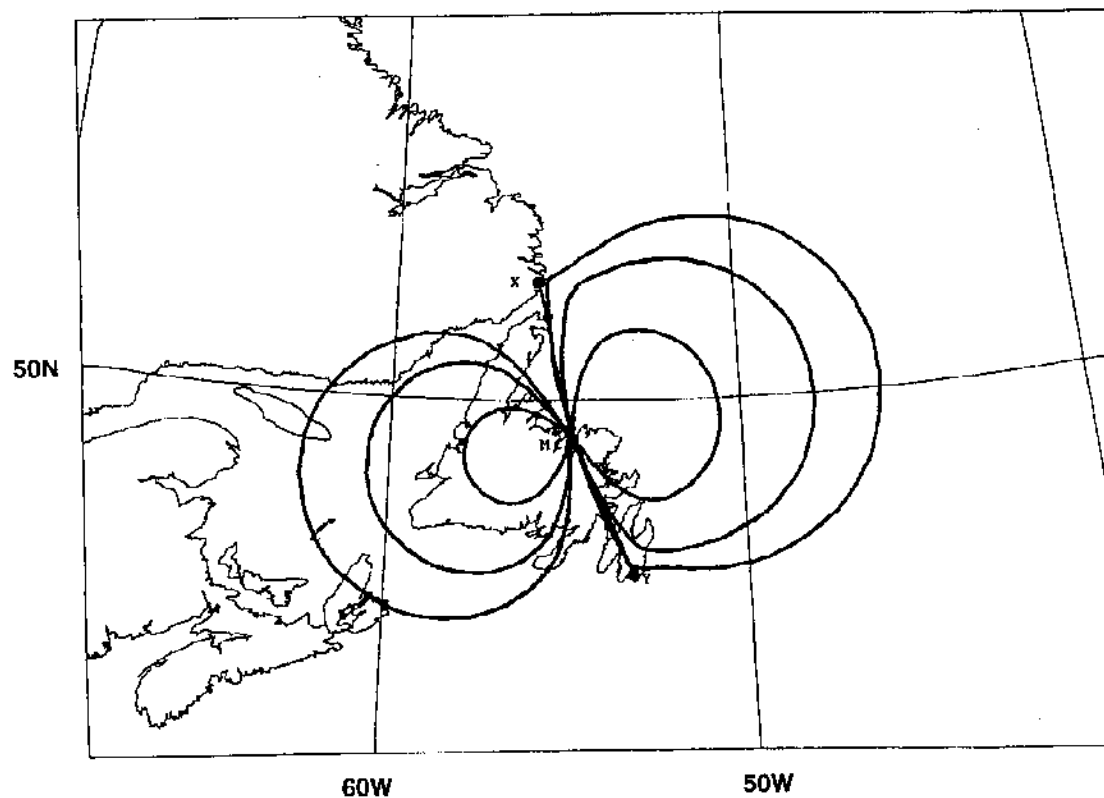


MXZ



MYZ

LORAN-C GRI 7270 NEWFOUNDLAND EAST COAST CHAIN (NEC)



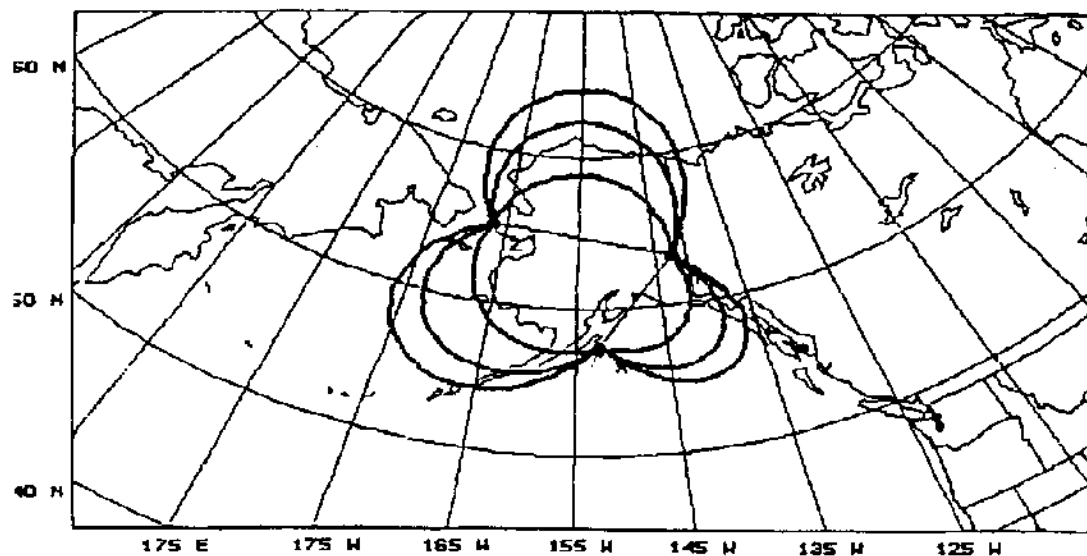
MXV

2 drms Fix Accuracy
with $\sigma = 0.1 \mu s$

Inner curve - 500 ft.
Middle curve - 1000 ft.
Outer curve - 1500 ft.

Note: These contours
are based on geometry
only, and do not
include range limits.

LORAN-C GRI 7960 GULF OF ALASKA CHAIN (GOA)

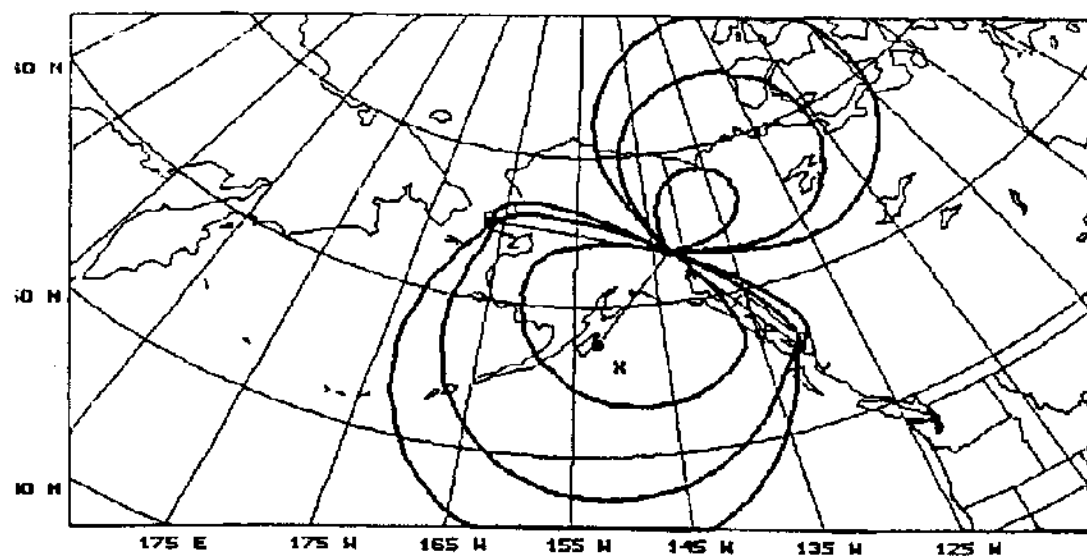


MXZ

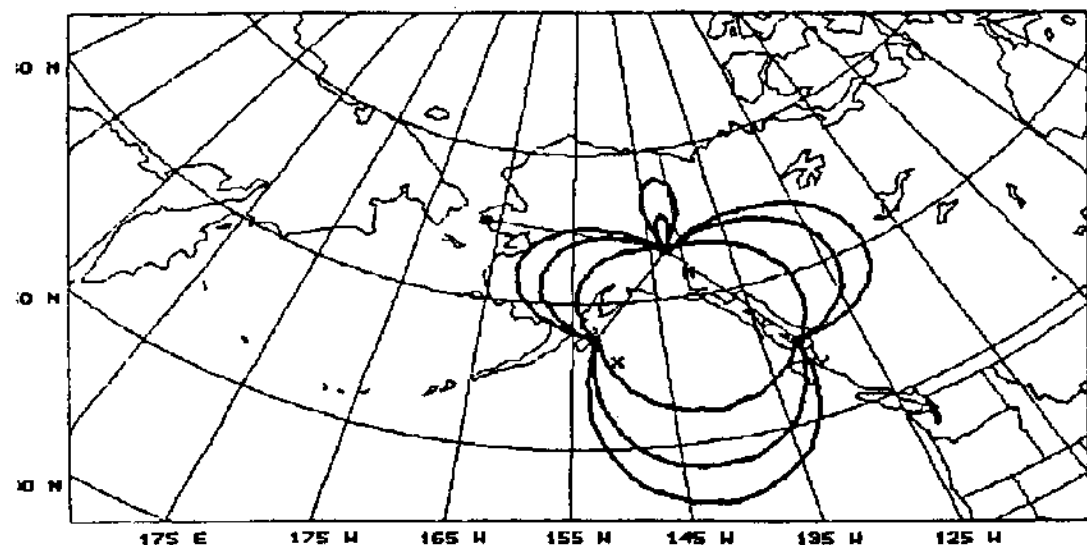
2 drms Fix Accuracy
with $\sigma = 0.1 \mu s$

Inner curve - 500 ft.
Middle curve - 1000 ft.
Outer curve - 1500 ft.

Note: These contours
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only, and do not
include range limits.

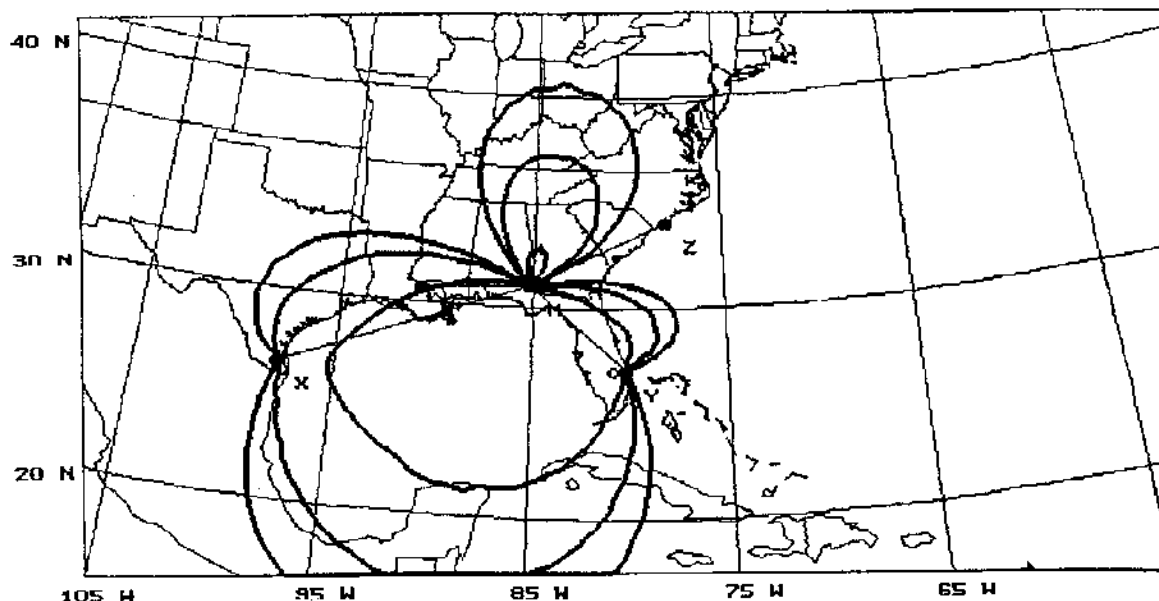


MYZ



MXY

LORAN-C GRI 7980 SOUTHEAST U.S. CHAIN (SEUS)

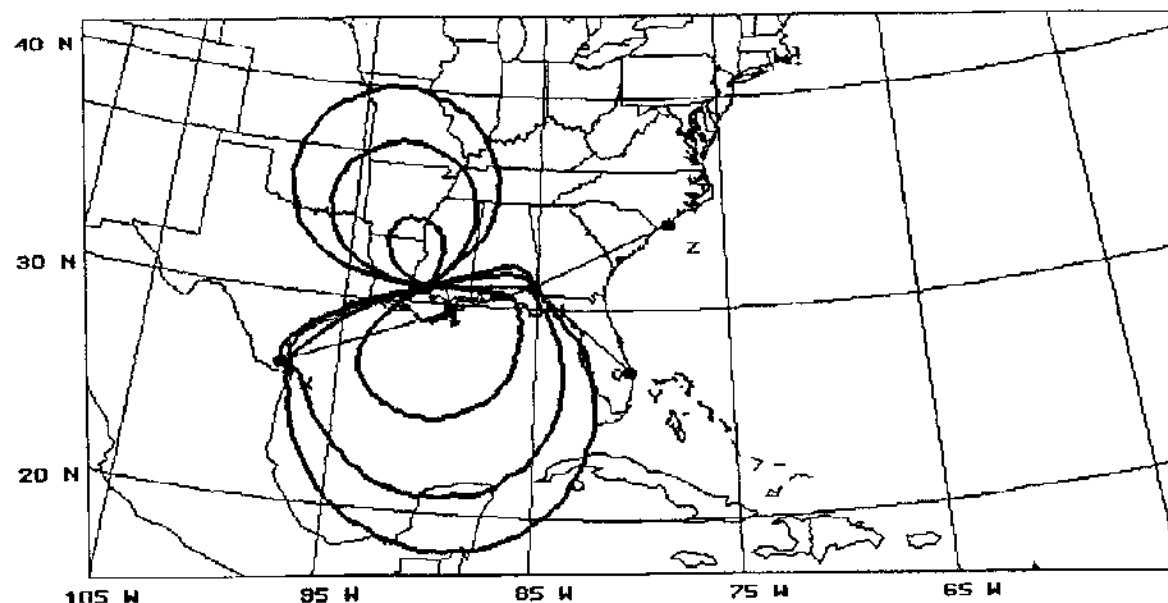


MXY

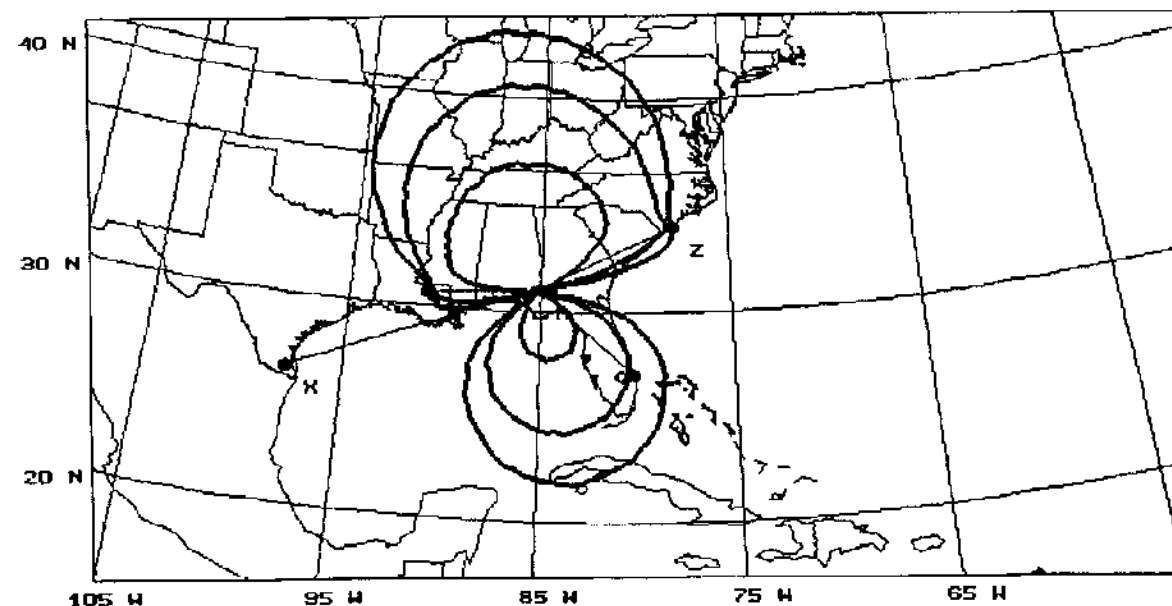
2 drms Fix Accuracy
with $\sigma = 0.1 \mu s$

Inner curve - 500 ft.
Middle curve - 1000 ft.
Outer curve - 1500 ft.

Note: These contours
are based on geometry
only, and do not
include range limits.



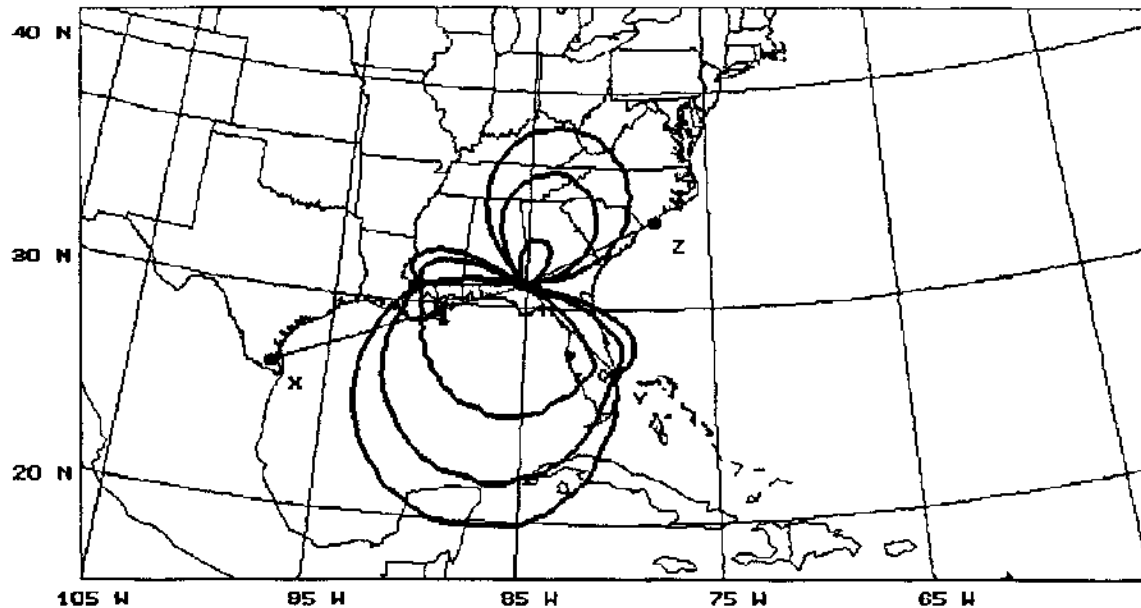
MWX



MWZ

LORAN-C GRI 7980

SOUTHEAST U.S. CHAIN (SEUS) (cont'd.)

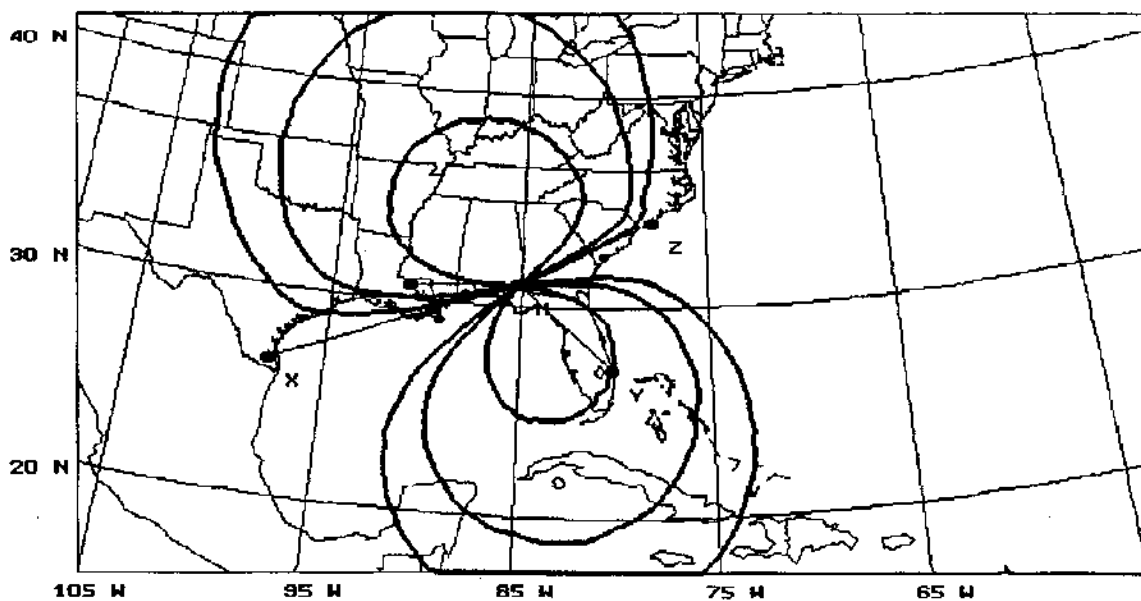


MWY

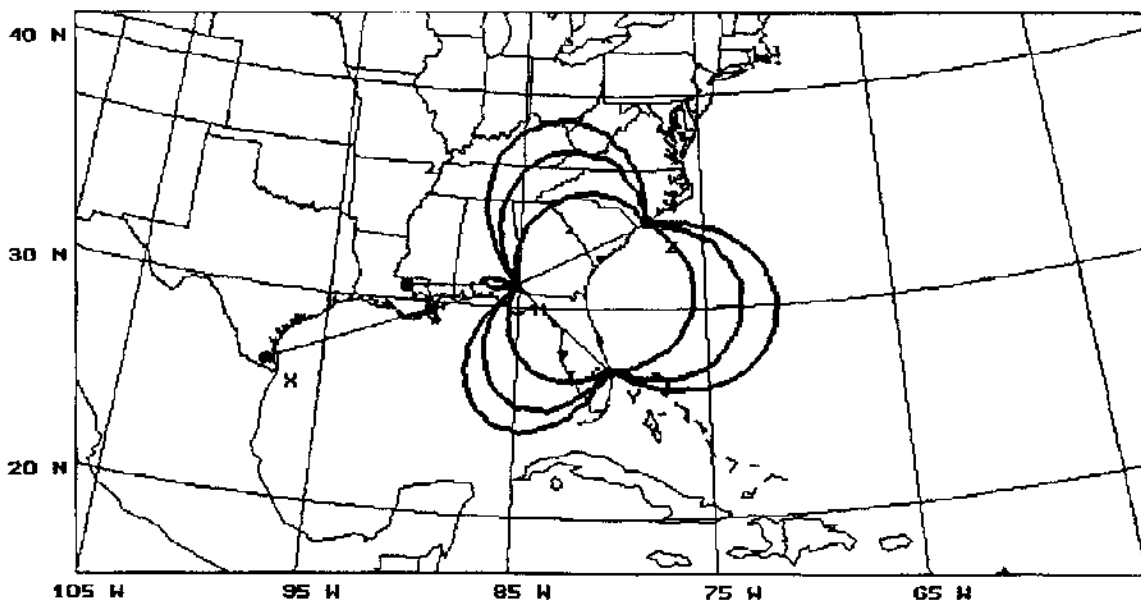
2 drms Fix Accuracy
with $\sigma = 0.1 \text{ us}$

Inner curve - 500 ft.
Middle curve - 1000 ft.
Outer curve - 1500 ft.

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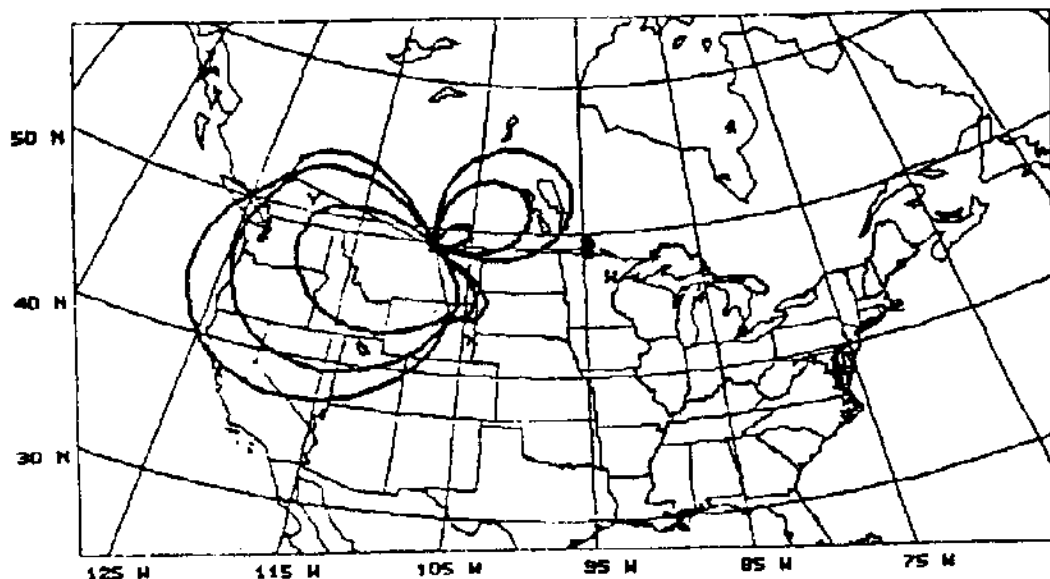


MXZ



MYZ

LORAN-C GRI 8290 NORTH CENTRAL U.S. CHAIN (NOCUS)

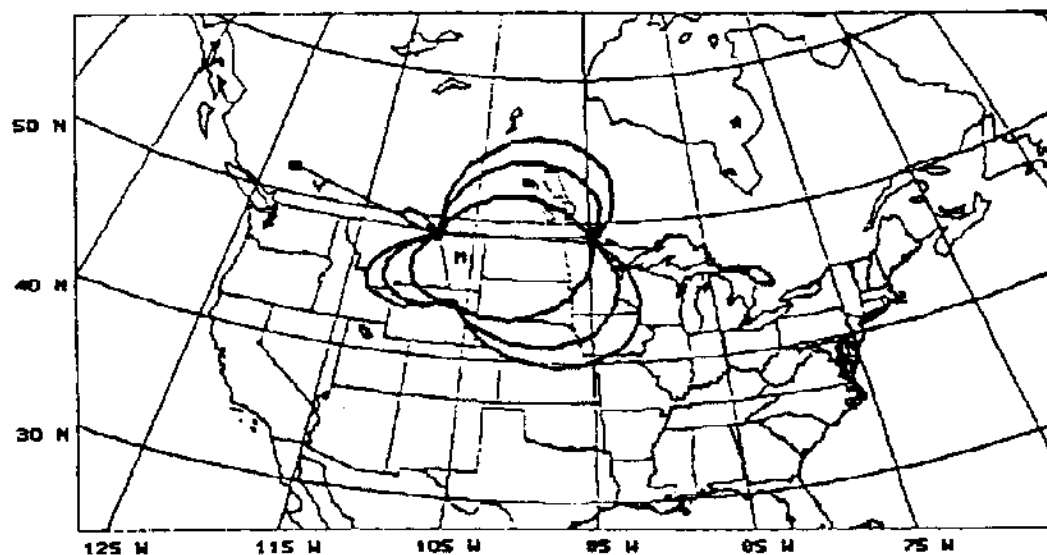


MXY

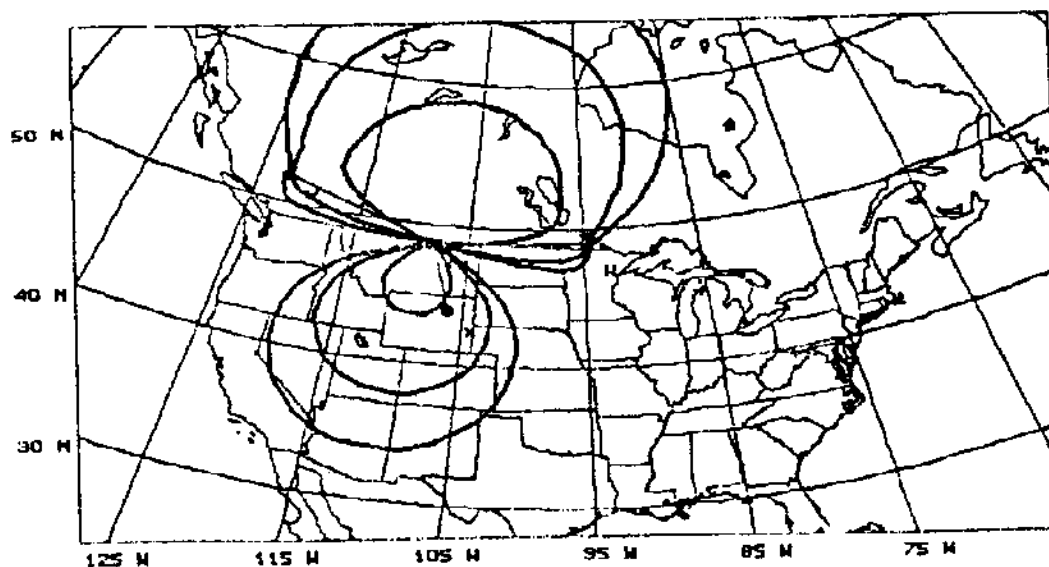
2 drms Fix Accuracy
with $\sigma = 0.1 \mu s$

Inner curve - 500 ft.
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MWX



MWY