# APPENDIX C:   LORAN-C CHAIN GEOMETRY CONTOURS

## TABLE OF CONTENTS
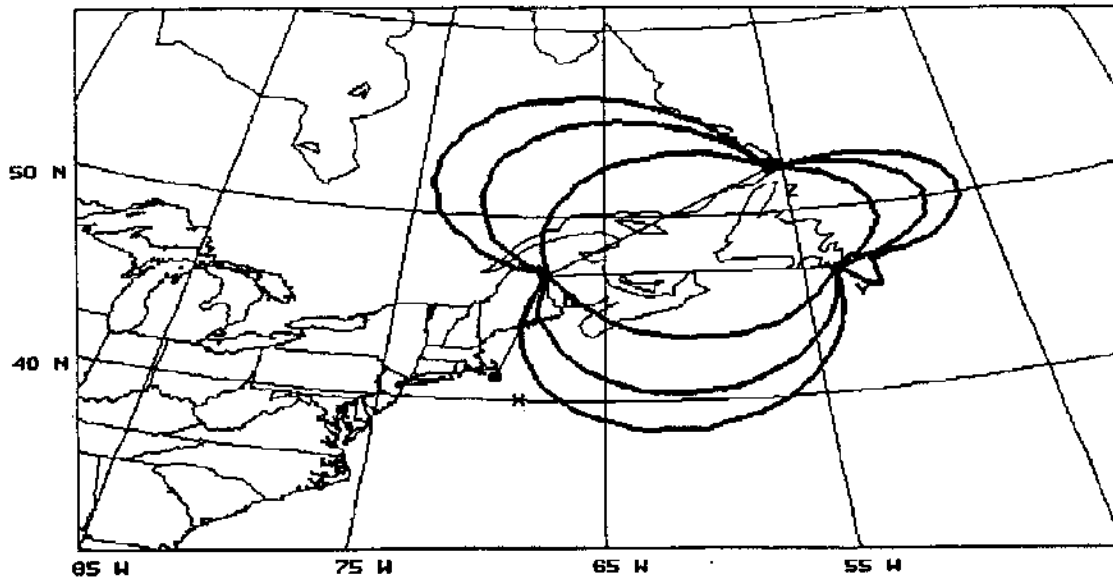
## LORAN-C CHAIN GEOMETRY CONTOURS

C-2

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 <u>not</u> coverage diagrams as range limits have <u>not</u> been included. This information is intended to assist users in selecting the most accurate triad in a given area.
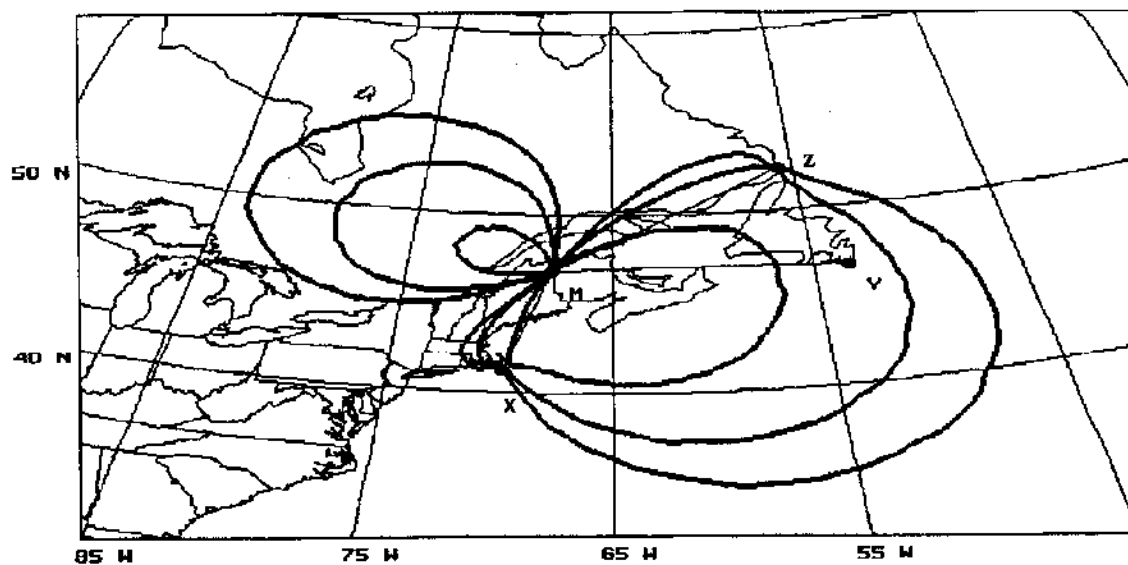
# LORAN-C GRI 5930
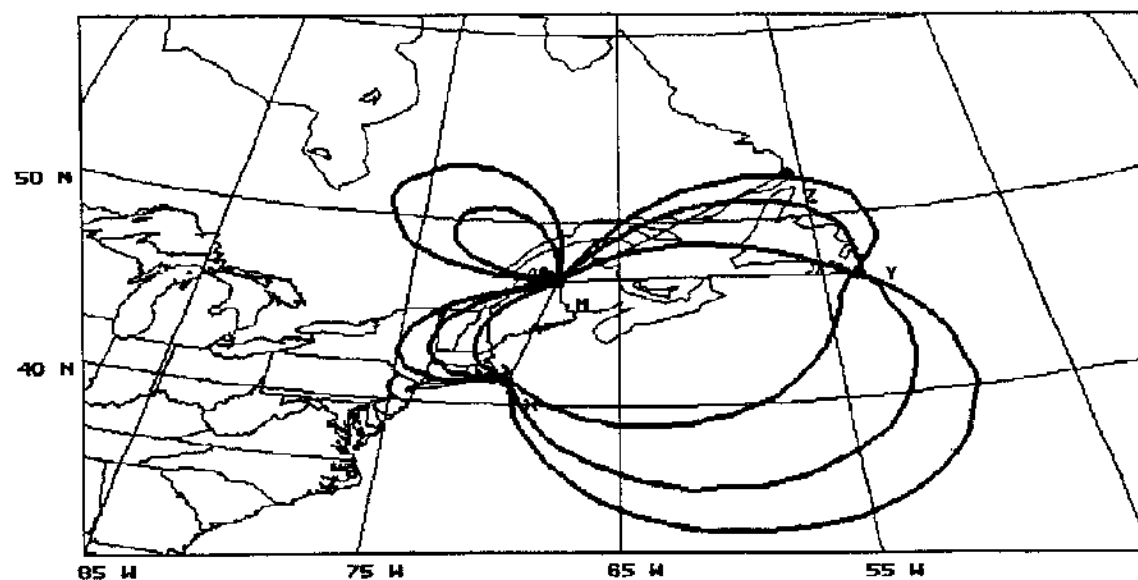# CANADIAN EAST COAST CHAIN (CEC)

**MYZ**

2 drms Fix Accuracy
with σ = 0.1 *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)

**MXY**

2 drms Fix Accuracy
with σ = 0.1 us

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

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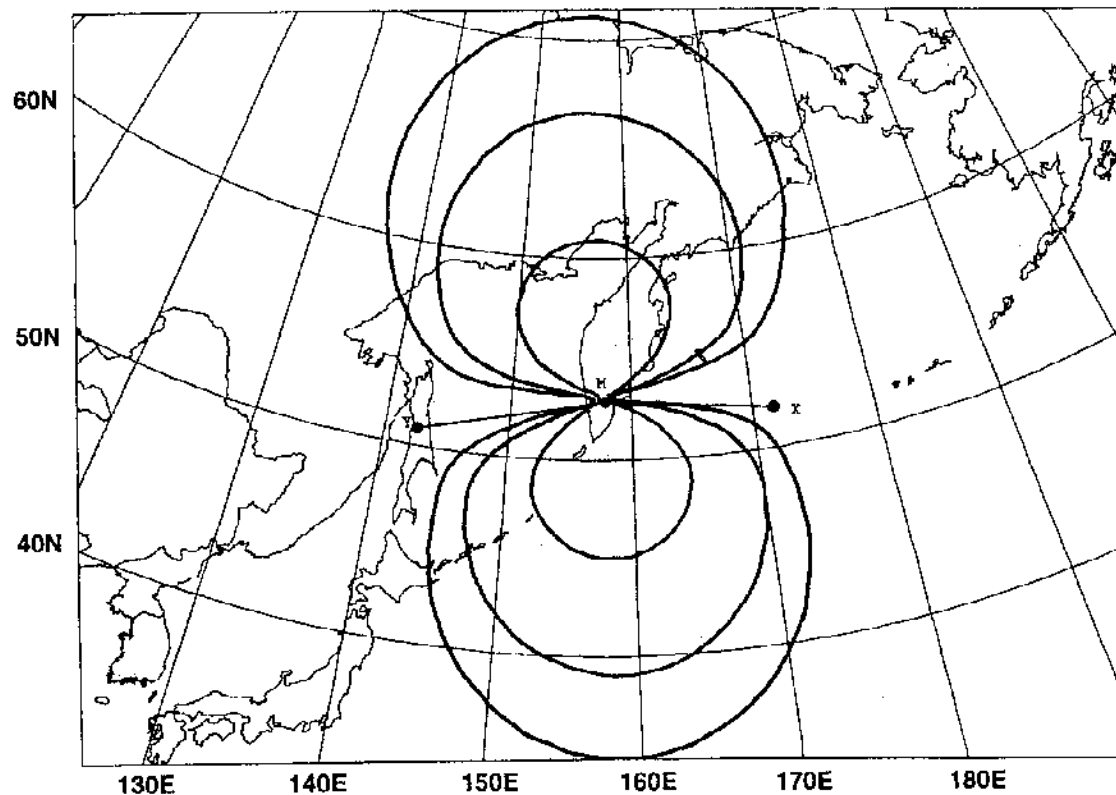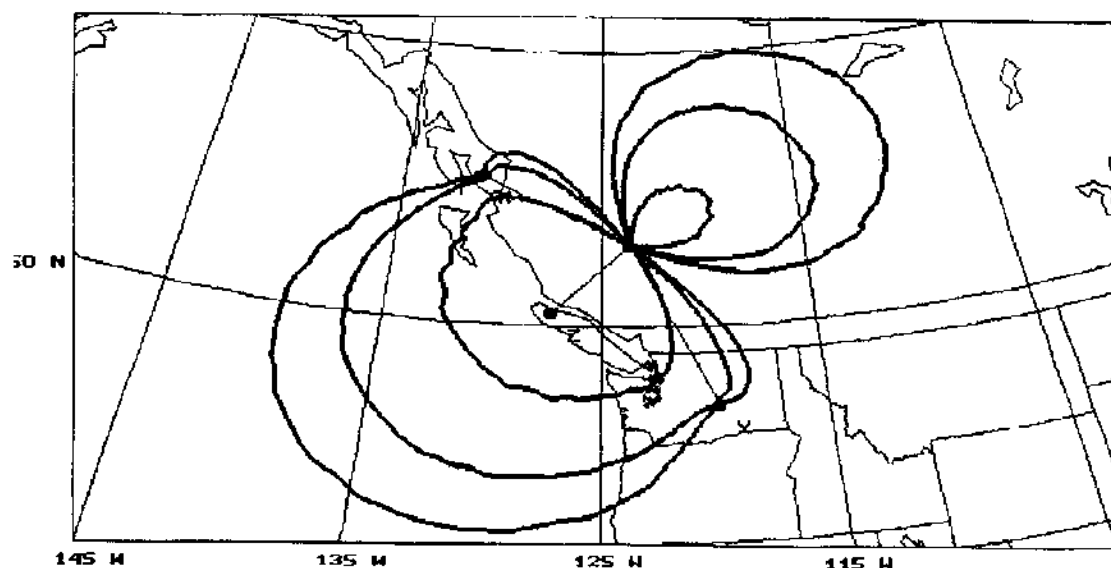are based on geometry
only, and do not
include range limits.

# LORAN-C GRI 5990
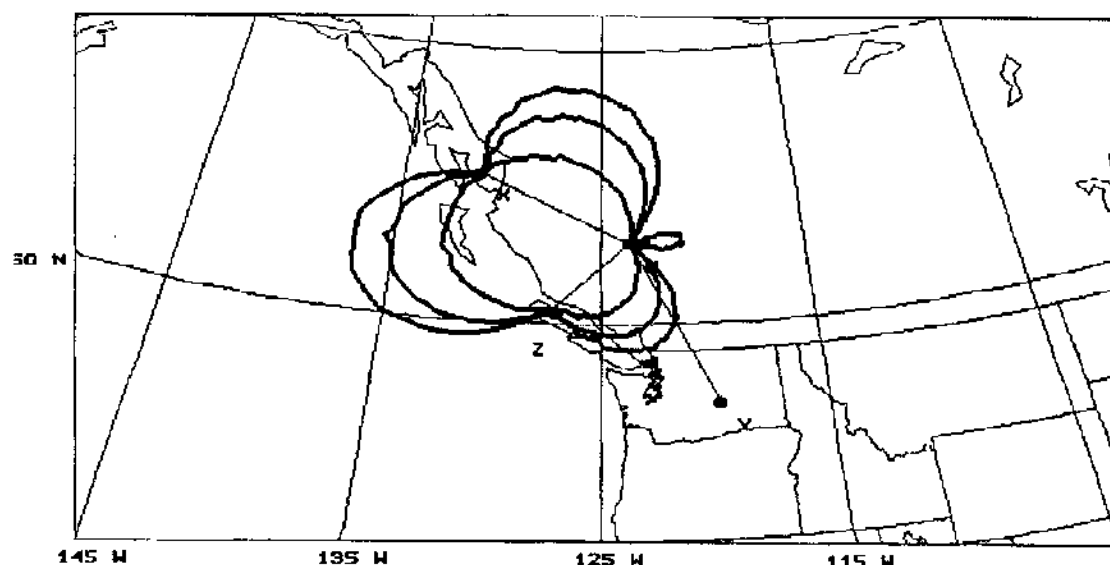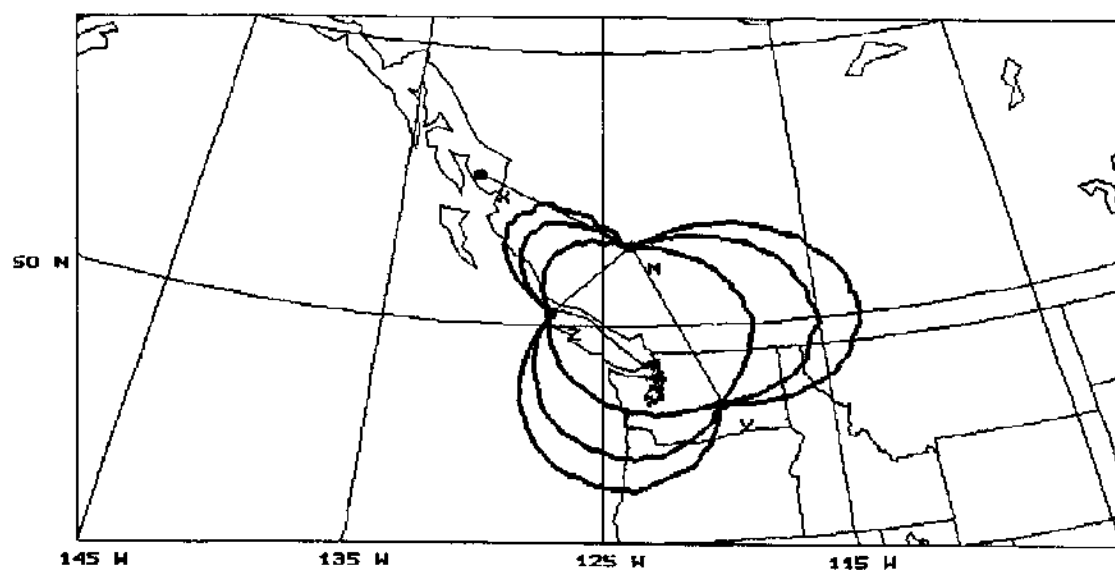# CANADIAN WEST COAST CHAIN (CWC)

**MXY**

**MXZ**

**MYZ**

2 drms Fix Accuracy
with σ = 0.1 *us*

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

Note: These contours
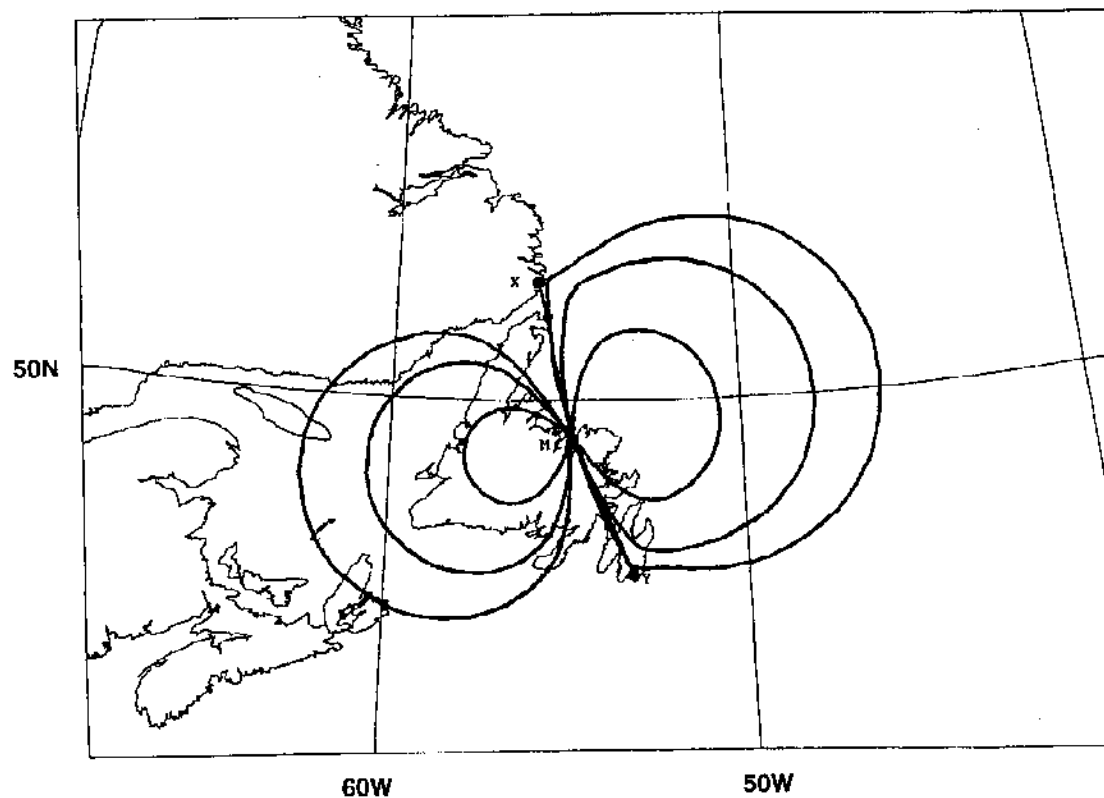are based on geometry
only, and do not
include range limits.
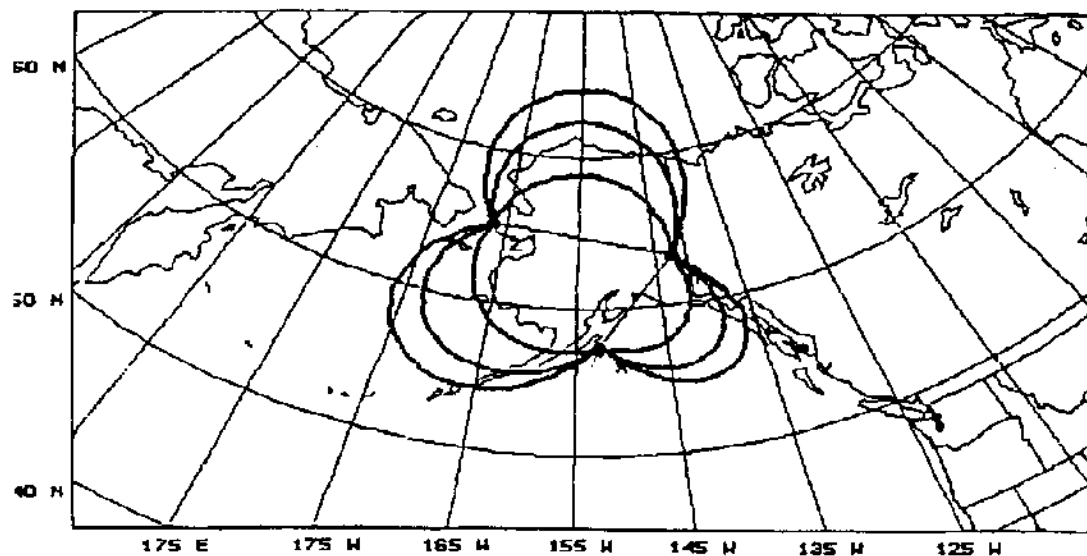
# LORAN-C GRI 7270
# NEWFOUNDLAND EAST COAST CHAIN (NEC)

**MXY**

2 drms Fix Accuracy
with $\sigma = 0.1$ $us$

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.

50N

60W                    50W

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



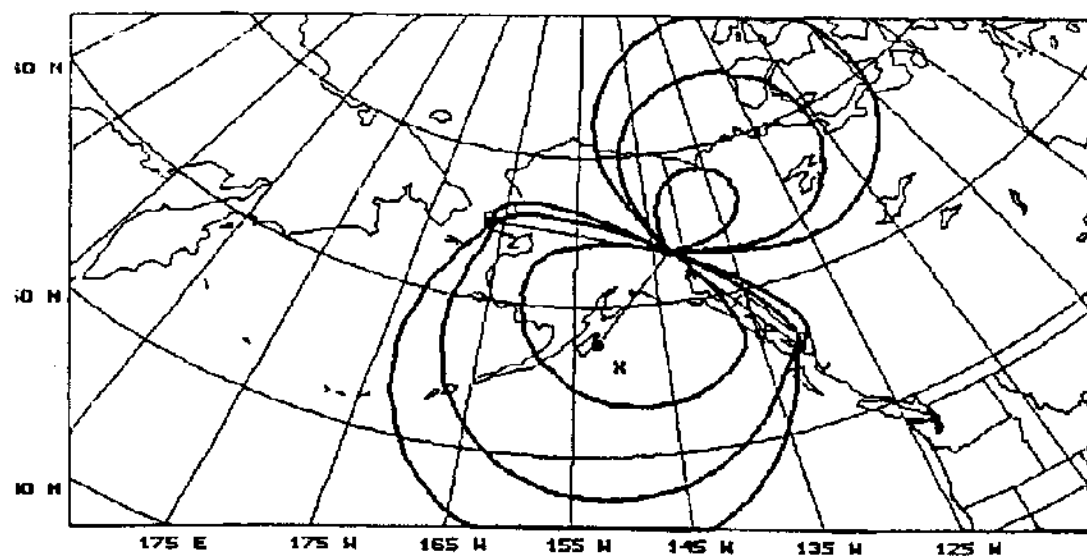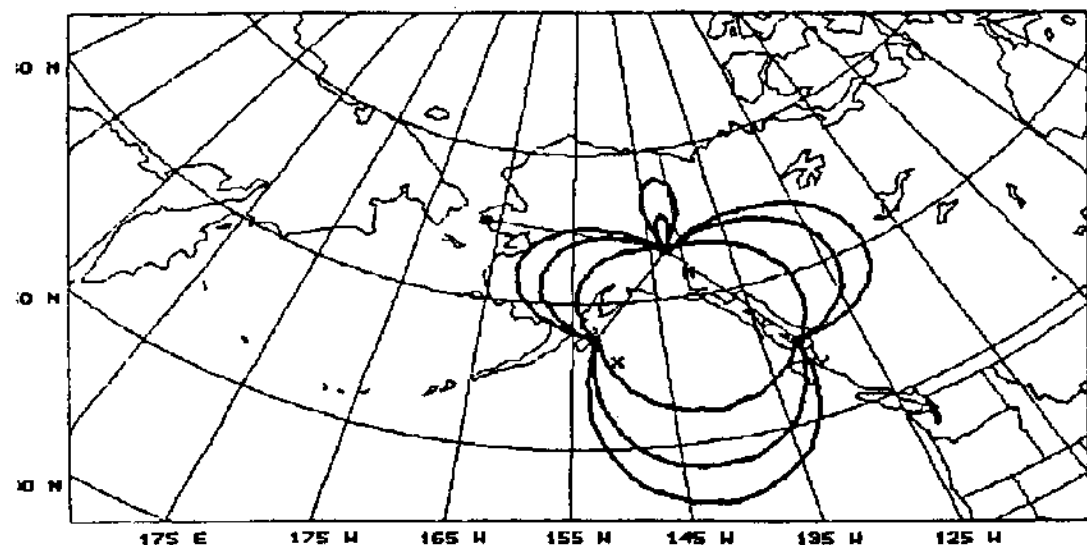**MXZ**

2 drms Fix Accuracy
with σ = 0.1 *us*

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

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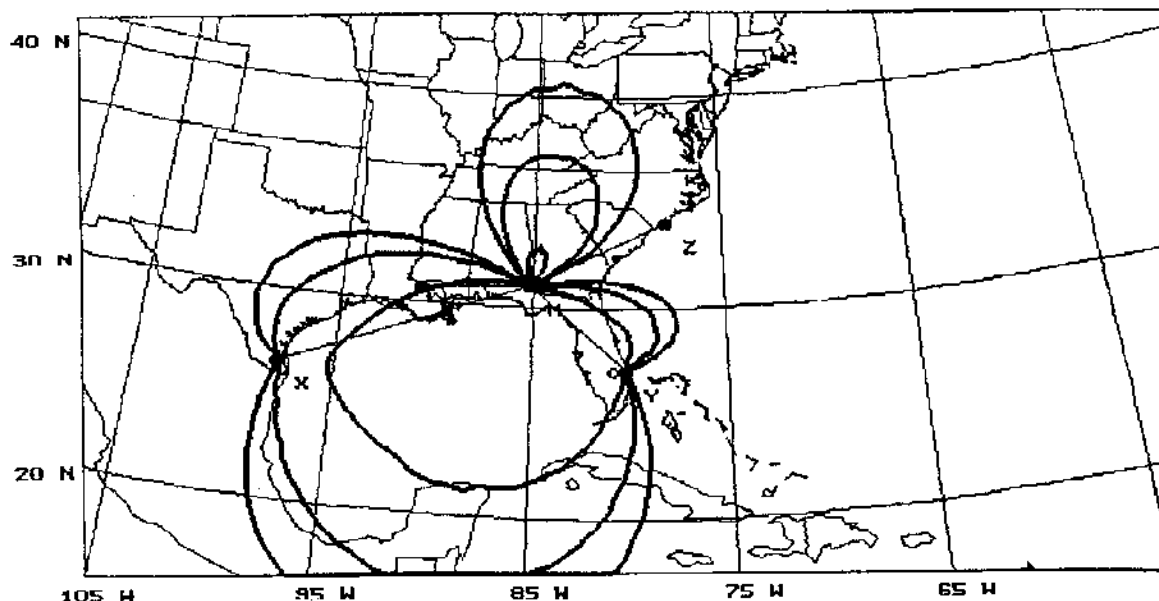are based on geometry
only, and do not
include range limits.

**MYZ**
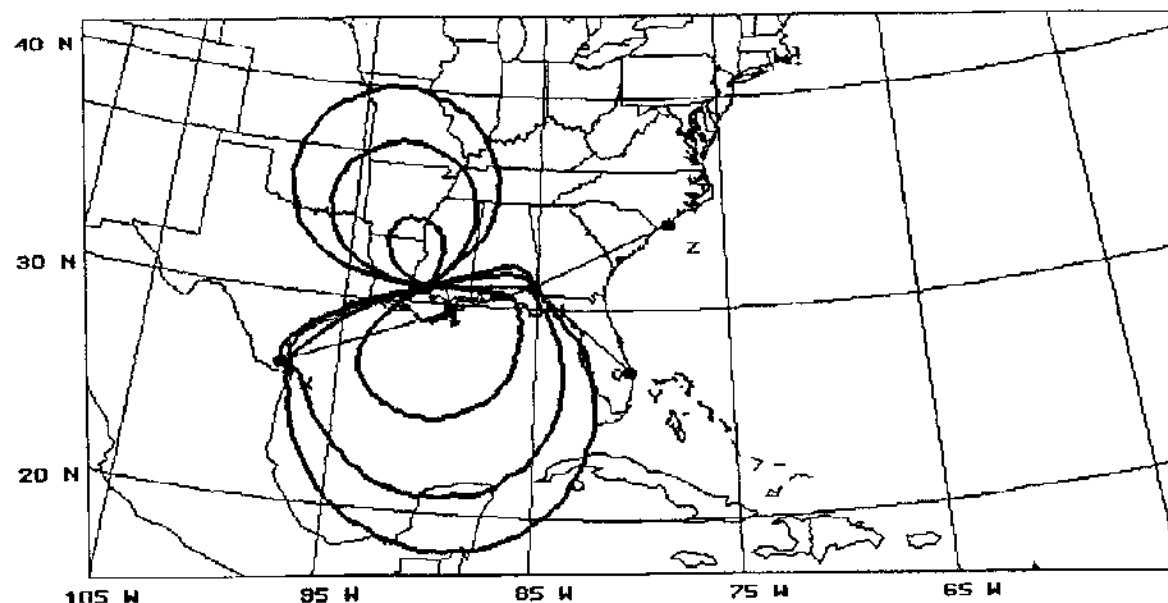
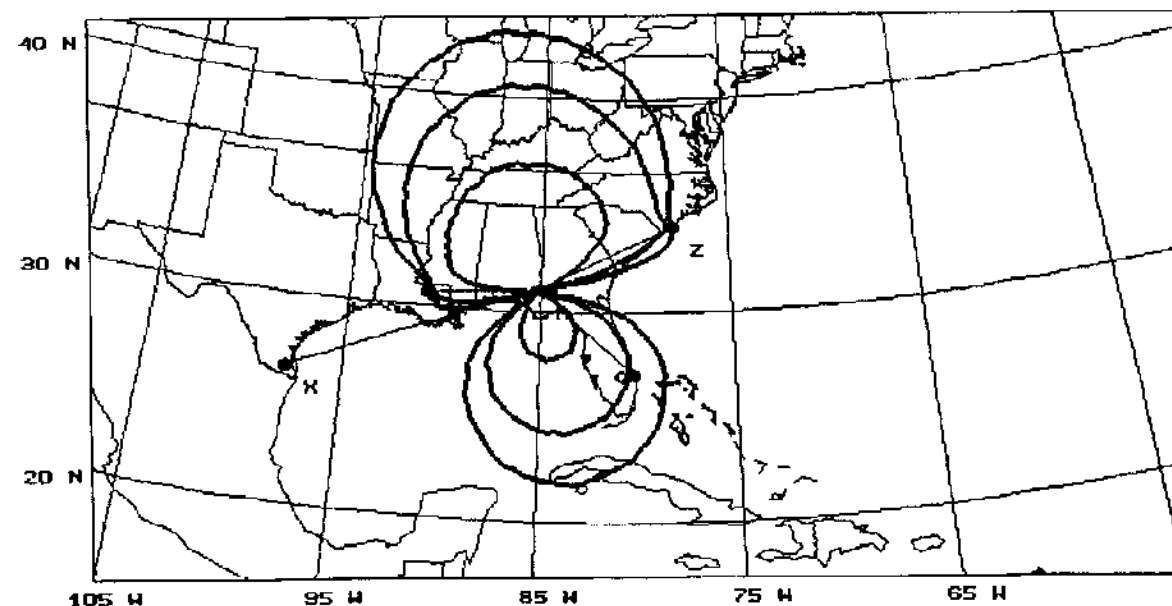**MXY**

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



**MXY**

2 drms Fix Accuracy
with σ = 0.1 *us*

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

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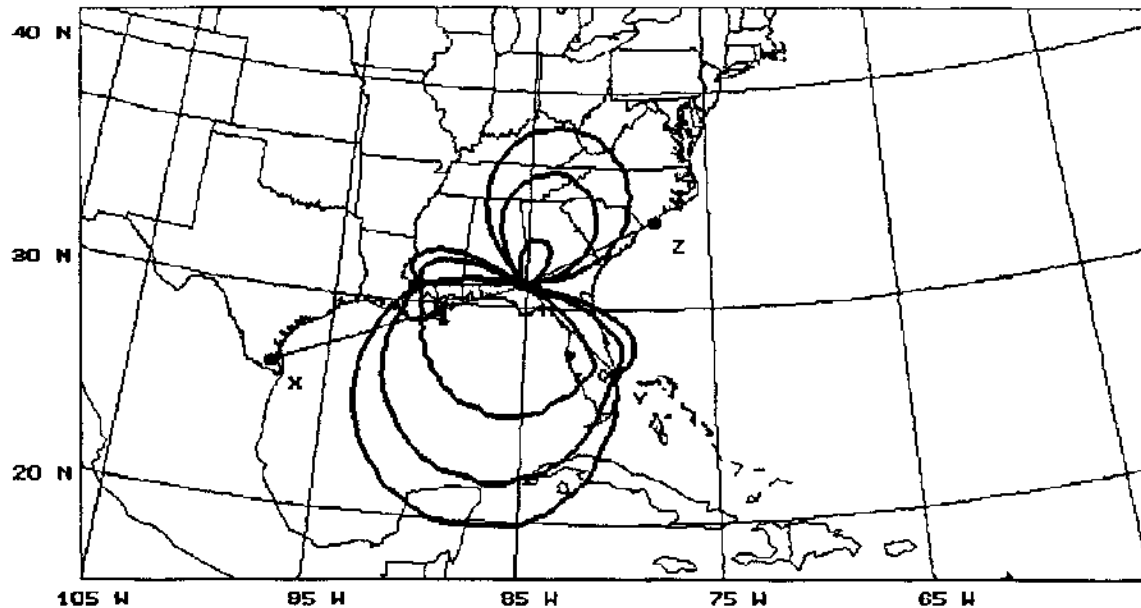are based on geometry
only, and do not
include range limits.

**MWX**

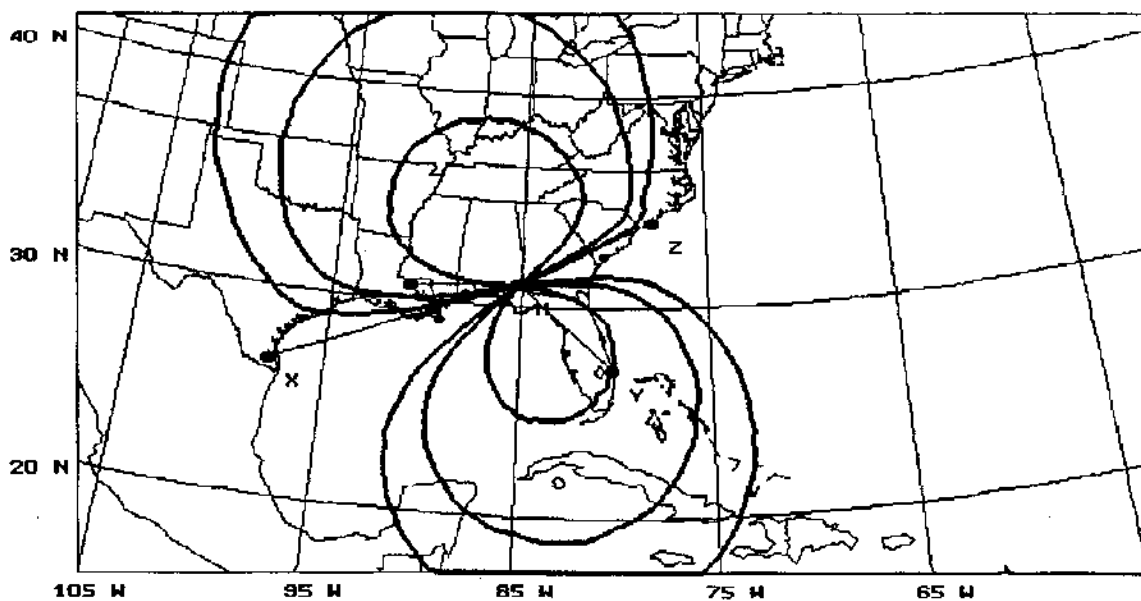**MWZ**
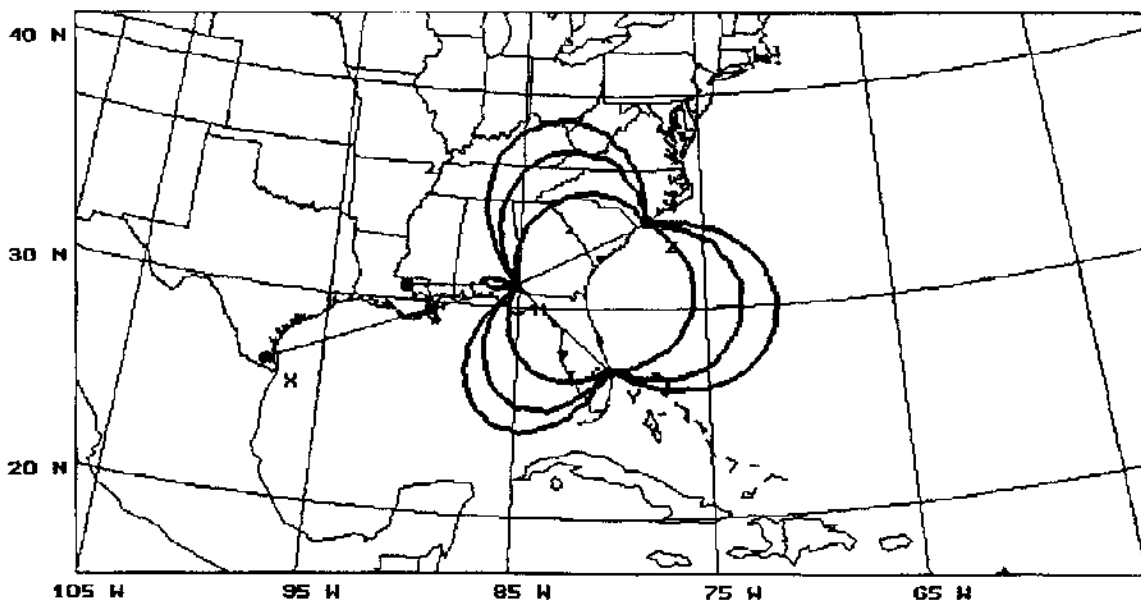
# LORAN-C GRI 7980
# SOUTHEAST U.S. CHAIN (SEUS) (cont'd.)

**MWY**

2 drms Fix Accuracy
with σ = 0.1 *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**

**MYZ**

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



**MXY**

2 drms Fix Accuracy
with σ = 0.1 *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.
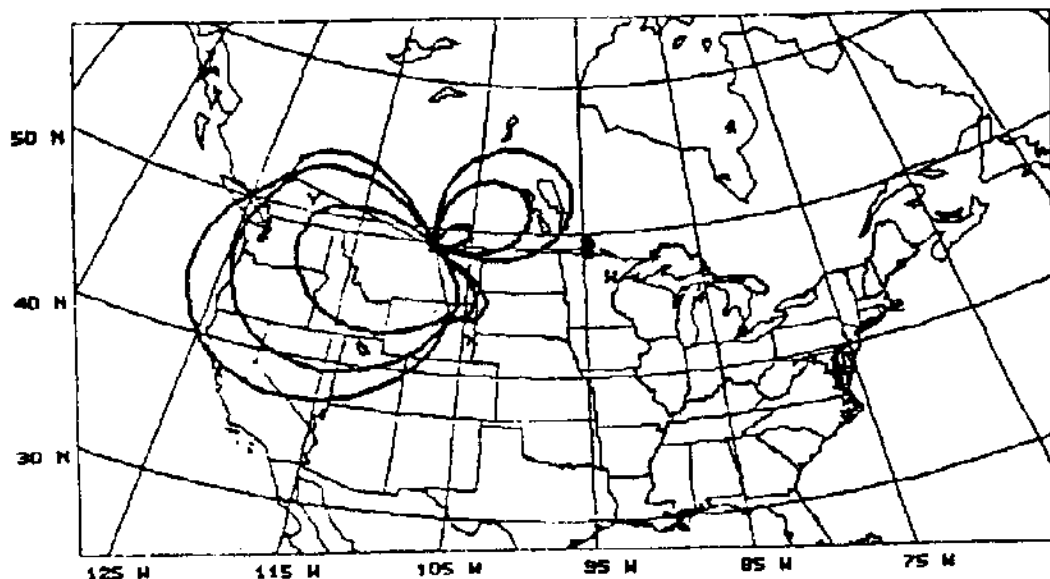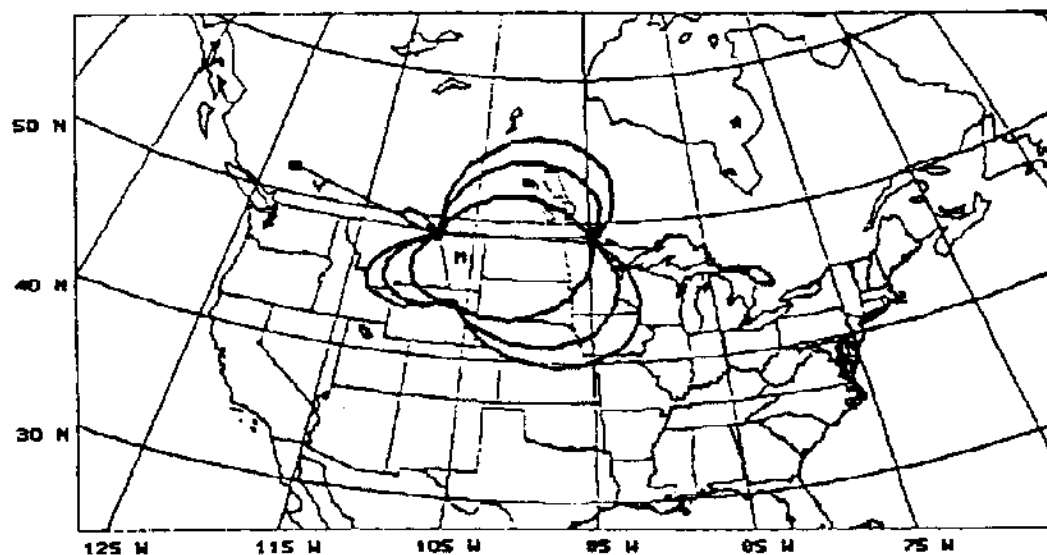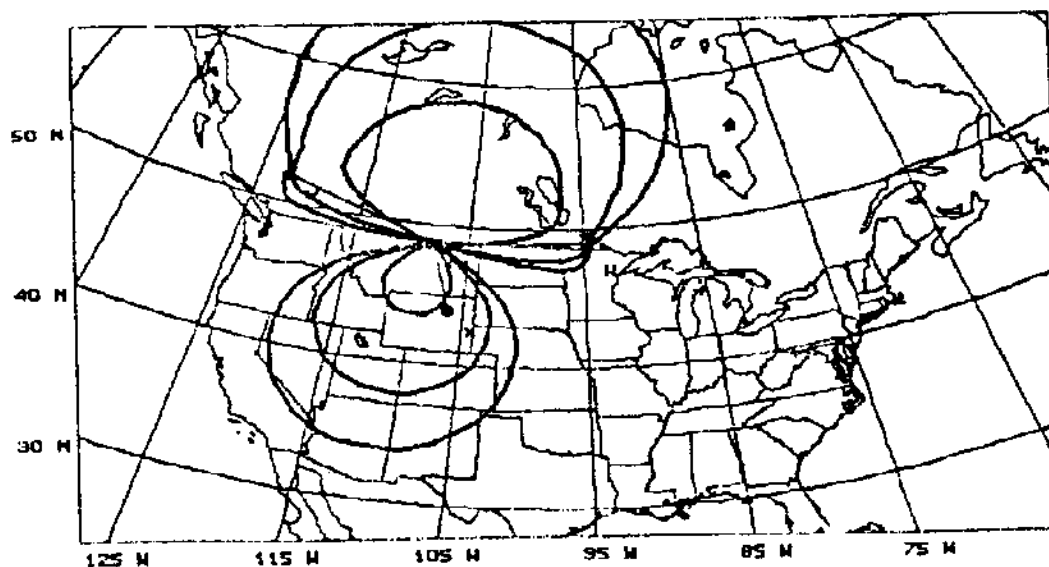
**MWX**

**MWY**