

WIST.L
Present Operation
Freq: 690 kHz
Class: B
Latitude: 29-57-53 N
Longitude: 089-57-31 W
Power: 10 kW
RMS: 941.47 mV/m @1km
Towers: 4
Augs: 9

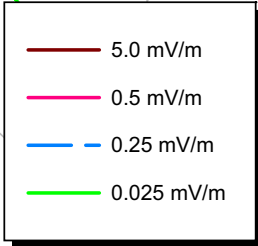


Exhibit 15.1 Map of Present Domestic Map M3 Allocation Study

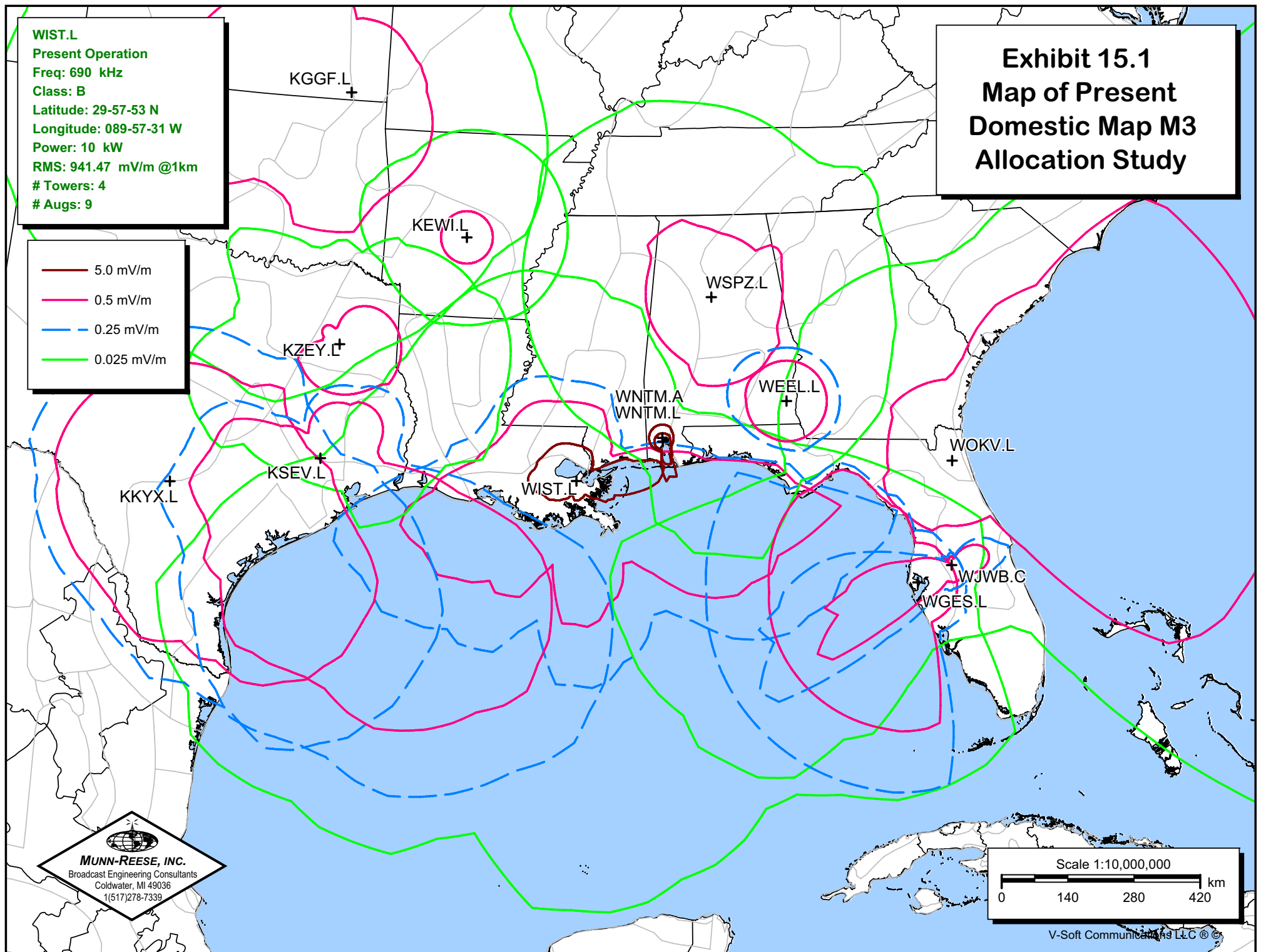


Exhibit 15.2

Tabulation of Present Domestic Map M3 Allocation

AM Daytime Study

Reference Station:

Call: WIST.L Freq: 690 kHz NEW ORLEANS, LA, US
 Lat: 29-57-53 N Power: 10.0 kW
 Lng: 089-57-31 W Theo RMS: 941.47 mV/m @ 1km
 # of Augmentations: 9

| # | Field Ratio | Phase (deg) | Spacing (deg) | Orient (deg) | Height (deg) | Ref Swch | TL Swch | A (deg) | B (deg) | C (deg) | D (deg) |
|----|----------------|----------------|------------------|-----------------|-----------------|-------------|------------|------------|------------|------------|------------|
| -- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- |
| 1 | 1.000 | 0.0 | 0.0 | 0.0 | 90.0 | 0 | 0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 2 | 0.470 | 102.0 | 138.0 | 176.0 | 90.0 | 0 | 0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 3 | 0.330 | -77.0 | 138.0 | 356.0 | 90.0 | 0 | 0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 4 | 0.680 | 36.0 | 138.0 | 356.0 | 90.0 | 1 | 0 | 0.0 | 0.0 | 0.0 | 0.0 |

| Call | Freq | City | ST | Dist | Azi | In | Out |
|--------|------|---------------|----|-------|-------|-------------|--------------|
| KSEV.L | 700 | TOMBALL | TX | 543.9 | 271.2 | -68668.00** | -114372.00** |
| WGES.L | 680 | ST. PETERSBUR | FL | 752.3 | 109.8 | -43196.00** | -50924.00** |
| WOKV.L | 690 | JACKSONVILLE | FL | 796.5 | 90.7 | -67824.00** | -12528.00** |
| KKYX.L | 680 | SAN ANTONIO | TX | 859.8 | 264.4 | -2036.50* | -6960.00* |
| KZEY.L | 690 | TYLER | TX | 579.3 | 296.1 | -304.75 | -531.75 |
| WNTM.A | 710 | MOBILE | AL | 203.4 | 63.8 | -43.75** | -43.75** |
| WSPZ.L | 690 | BIRMINGHAM | AL | 481.7 | 37.5 | -57972.00 | 25.10 |
| KEWI.L | 690 | BENTON | AR | 563.1 | 333.4 | 188.75 | 46.35 |
| WNTM.L | 710 | MOBILE | AL | 200.9 | 65.8 | 71.48 | 71.48 |
| WJWB.C | 700 | GIBSONIA | FL | 812.3 | 106.3 | 174.68 | 93.73 |
| WEEL.L | 700 | DOTHAN | AL | 476.2 | 71.1 | 180.49 | 170.31 |
| KGGF.L | 690 | COFFEYVILLE | KS | 946.8 | 325.7 | 274.06 | 268.87 |

* Indicates Contour Overlap over water which may be disregarded.

** Indicates de minimis shoreline contour overlap which has been maintained or routinely waived by the Commission as a matter of standard practice.

Negative values in the "In" and "Out" columns reflect km² areas of Incoming and Outgoing overlap respectively. Positive values reflect linear distance of clearance to the offending contour. In response to FCC attempts to streamline the application process, tabulations of distances to contours and Map M-3 Conductivities for each station have been omitted. These tabulations will be supplied upon request.

WIST.P
Proposed Operation
Freq: 690 kHz
Class: B
Latitude: 29-57-53 N
Longitude: 089-57-31 W
Power: 8 kW
RMS: 305.775 mV/m @1km
Towers: 1
Augs: 0

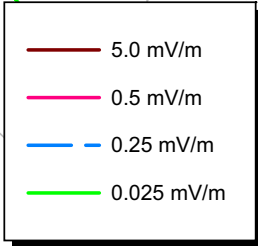


Exhibit 15.3 Map of Proposed Domestic Map M3 Allocation Study

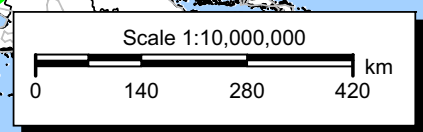
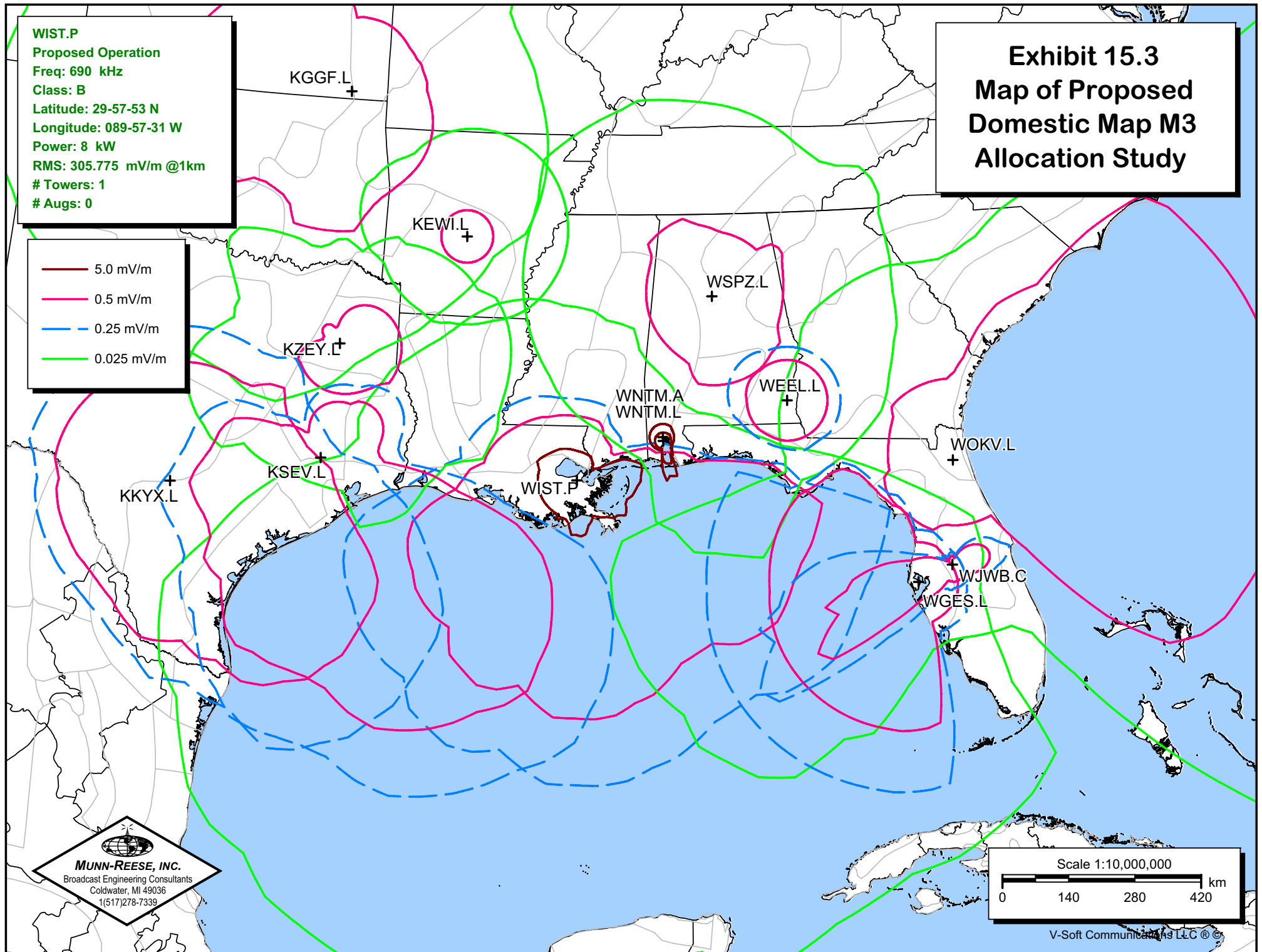


Exhibit 15.4

Tabulation of Proposed Domestic Map M3 Allocation

AM Daytime Study

Reference Station:

Call: WIST.P

Freq: 690 kHz

NEW ORLEANS, LA, US

Lat: 29-57-55 N

Power: 8.0 kW

Lng: 089-57-32 W

Theo RMS: 305.57 mV/m @ 1km

| # | Field Ratio | Phase (deg) | Spacing (deg) | Orient (deg) | Height (deg) | Ref Swch | TL Swch | A (deg) | B (deg) | C (deg) | D (deg) |
|---|----------------|----------------|------------------|-----------------|-----------------|-------------|------------|------------|------------|------------|------------|
| 1 | 1.000 | 0.0 | 0.0 | 0.0 | 89.7 | 0 | 0 | 0.0 | 0.0 | 0.0 | 0.0 |

| Call | Freq | City | ST | Dist | Azi | In | Out |
|--------|------|---------------|----|-------|-------|--------------|--------------|
| KSEV.L | 700 | TOMBALL | TX | 543.9 | 271.2 | -144168.00** | -164988.00** |
| WGES.L | 680 | ST. PETERSBUR | FL | 752.4 | 109.8 | -62628.00** | -70268.00** |
| WOKV.L | 690 | JACKSONVILLE | FL | 796.5 | 90.7 | -120872.00** | -10128.00** |
| KKYX.L | 680 | SAN ANTONIO | TX | 859.7 | 264.4 | -7692.00* | -9204.00* |
| WJWB.C | 700 | GIBSONIA | FL | 812.3 | 106.3 | -1562.00* | -7492.00* |
| KZEY.L | 690 | TYLER | TX | 579.3 | 296.1 | 13.93 | -490.50 |
| WNTM.A | 710 | MOBILE | AL | 203.4 | 63.8 | 93.24 | 93.24 |
| WSPZ.L | 690 | BIRMINGHAM | AL | 481.7 | 37.5 | -53740.00 | 54.01 |
| WNTM.L | 710 | MOBILE | AL | 200.9 | 65.9 | 79.46 | 79.46 |
| KEWI.L | 690 | BENTON | AR | 563.0 | 333.4 | 226.69 | 100.62 |
| WEEL.L | 700 | DOTHAN | AL | 476.2 | 71.1 | 189.16 | 179.70 |
| KGGF.L | 690 | COFFEYVILLE | KS | 946.7 | 325.7 | 308.97 | 318.94 |

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Munn-Reese, Inc.

Broadcasting Engineering Consultants

Coldwater, MI 49036

WIST.L
Present Operation
Freq: 690 kHz
Class: B
Latitude: 29-57-53 N
Longitude: 089-57-31 W
Power: 10 kW
RMS: 941.47 mV/m @1km
Towers: 4
Augs: 9

— 0.5 mV/m
— 0.1 mV/m
— 0.025 mV/m
- - 0.005 mV/m

Exhibit 15.5 Map of Present Foreign Region 2 Allocation Study

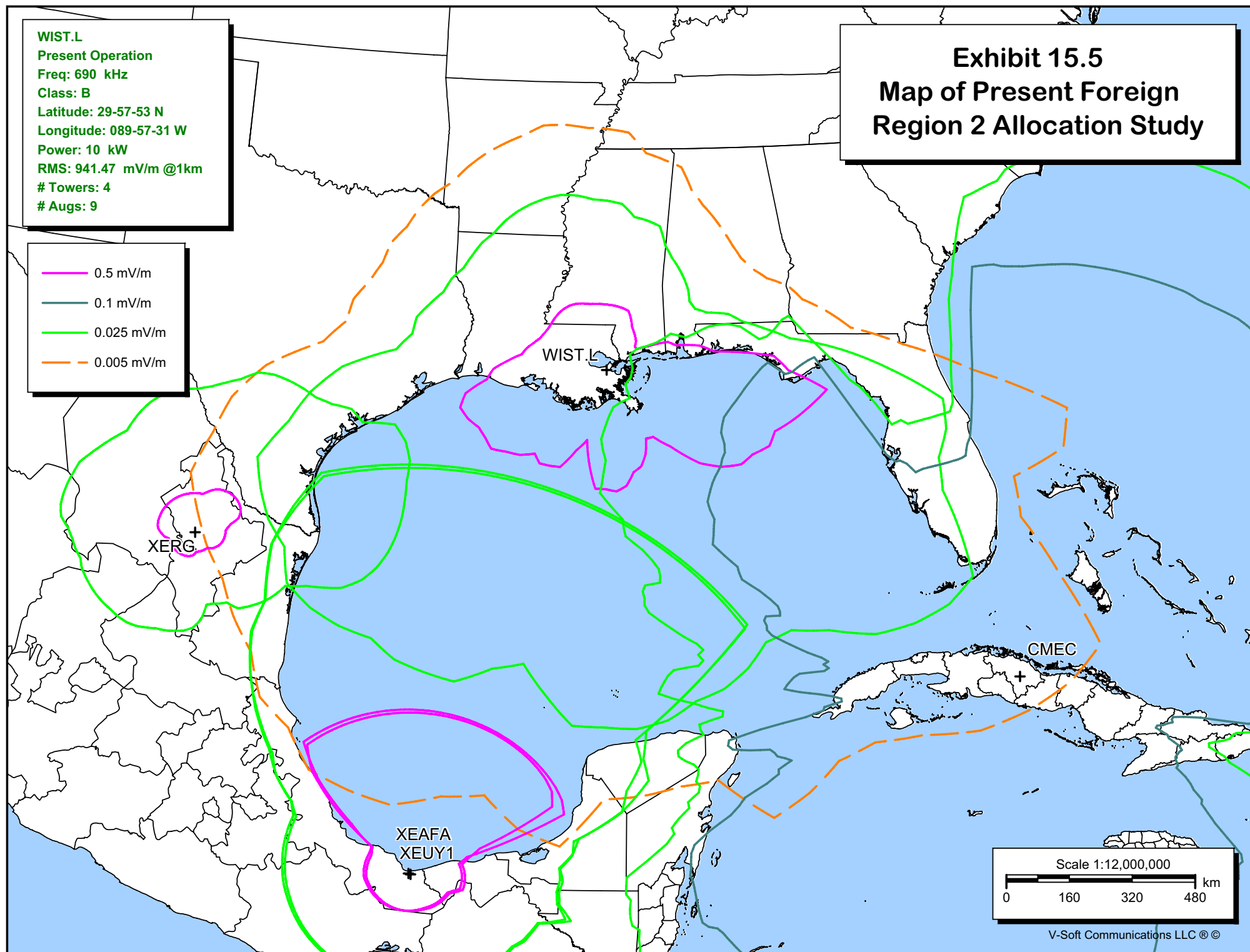


Exhibit 15.5

Tabulation of Present Foreign Map M3 Allocation

AM Daytime Study

Reference Station:

Call: WIST.L Freq: 690 kHz NEW ORLEANS, LA, US
 Lat: 29-57-53 N Power: 10.0 kW
 Lng: 089-57-31 W Theo RMS: 941.47 mV/m @ 1km
 # of Augmentations: 9

| # | Field Ratio | Phase (deg) | Spacing (deg) | Orient (deg) | Height (deg) | Ref Switch | TL Switch | A (deg) | B (deg) | C (deg) | D (deg) |
|---|----------------|----------------|------------------|-----------------|-----------------|---------------|--------------|------------|------------|------------|------------|
| 1 | 1.000 | 0.0 | 0.0 | 0.0 | 90.0 | 0 | 0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 2 | 0.470 | 102.0 | 138.0 | 176.0 | 90.0 | 0 | 0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 3 | 0.330 | -77.0 | 138.0 | 356.0 | 90.0 | 0 | 0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 4 | 0.680 | 36.0 | 138.0 | 356.0 | 90.0 | 1 | 0 | 0.0 | 0.0 | 0.0 | 0.0 |

| Call | Freq | City | ST | Dist | Azi | In | Out |
|-------|------|-------------|----|--------|-------|--------------|--------------|
| CMEC | 690 | SANTA CLARA | | 1305.3 | 131.8 | -126780.00** | -670840.00** |
| XERG | 690 | MONTERREY | NL | 1120.7 | 242.4 | 181.11 | 67.90 |
| XEUY1 | 690 | COSOLEACAQU | VC | 1392.0 | 198.3 | 114.42 | 145.60 |
| XEAFA | 690 | NANCHITAL | VC | 1392.3 | 198.1 | 122.97 | 153.56 |

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WIST.P
Proposed Operation
Freq: 690 kHz
Class: B
Latitude: 29-57-53 N
Longitude: 089-57-31 W
Power: 8 kW
RMS: 305.775 mV/m @1km
Towers: 1
Augs: 0

— 0.5 mV/m
— 0.1 mV/m
— 0.025 mV/m
- - 0.005 mV/m

Exhibit 15.7 Map of Proposed Foreign Region 2 Allocation Study

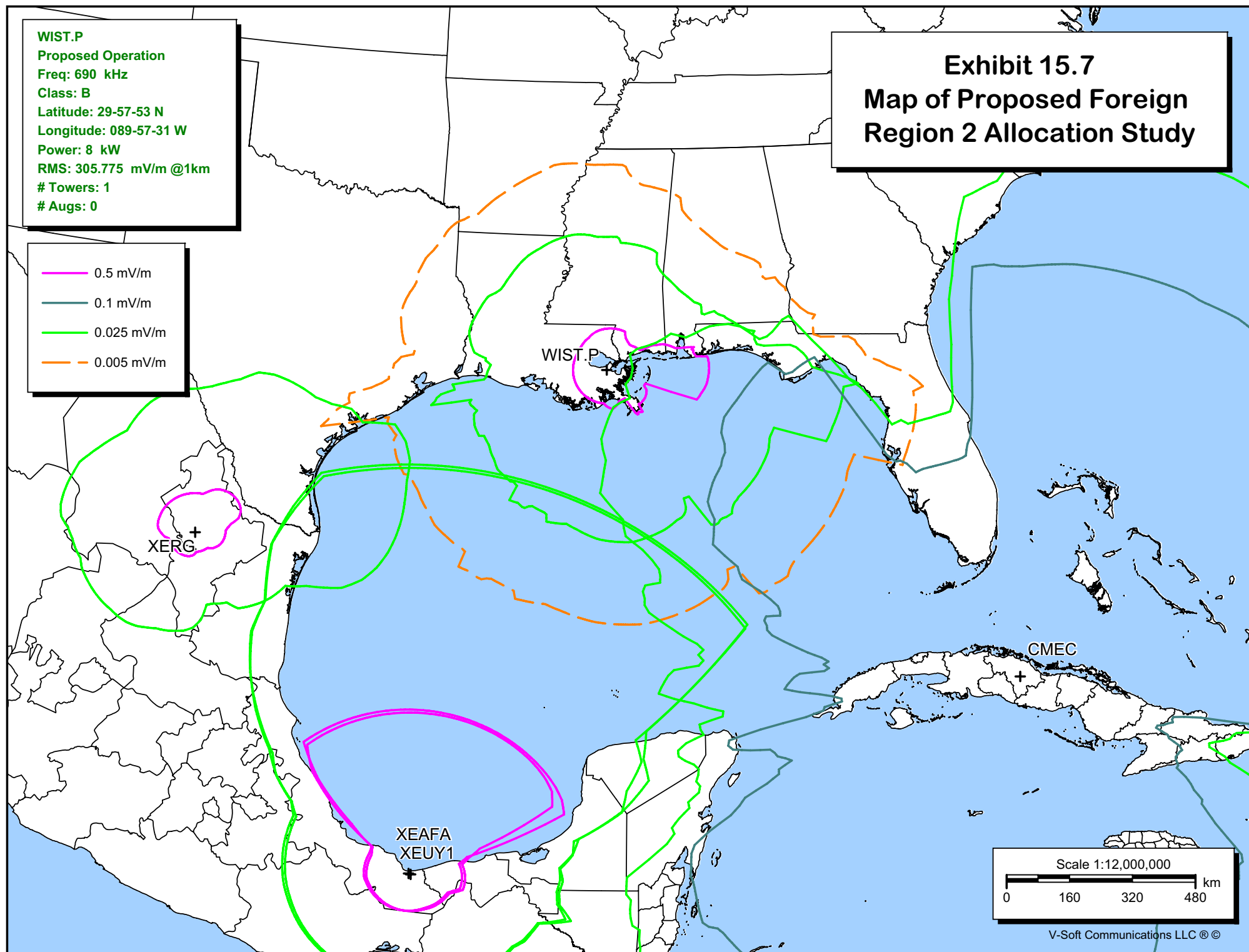


Exhibit 15.8

Tabulation of Proposed Foreign Map M3 Allocation

AM Daytime Study

Reference Station:

Call: WIST.P

Freq: 690 kHz

NEW ORLEANS, LA, US

Lat: 29-57-55 N

Power: 8.0 kW

Lng: 089-57-32 W

Theo RMS: 305.57 mV/m @ 1km

| # | Field Ratio | Phase (deg) | Spacing (deg) | Orient (deg) | Height (deg) | Ref Swch | TL Swch | A (deg) | B (deg) | C (deg) | D (deg) |
|---|----------------|----------------|------------------|-----------------|-----------------|-------------|------------|------------|------------|------------|------------|
| 1 | 1.000 | 0.0 | 0.0 | 0.0 | 89.7 | 0 | 0 | 0.0 | 0.0 | 0.0 | 0.0 |

| Call | Freq | City | ST | Dist | Azi | In | Out |
|-------|------|-------------|----|--------|-------|-------------|--------------|
| CMEC | 690 | SANTA CLARA | | 1305.4 | 131.8 | -22832.00** | -155508.00** |
| XEUY1 | 690 | COSOLEACAQU | VC | 1392.0 | 198.3 | 247.55 | 550.89 |
| XEAFA | 690 | NANCHITAL | VC | 1392.4 | 198.1 | 254.38 | 557.05 |
| XERG | 690 | MONTERREY | NL | 1120.7 | 242.4 | 458.11 | 639.02 |

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