

**Community of License Coverage**

The community of license for NEW.P is Shelter Island, New York. The city of Shelter Island contains an area of 17.34 sq. km\* and has a population of 1,333\* persons (see Exhibits 14-A and 14-A1). The proposed facility's 70 dBu F(50,50) contour covers 11.6 sq. km and 1,090 persons (see Exhibits 14-B and 14-B1) within the city limits of Shelter Island. The chart below shows the percentages of both area and population covered within the city limits of Shelter Island covered by the proposed NEW.P facility.

	Shelter Island	NEW Proposed	Percentage of Coverage
Area	17.34	11.6	66.90%
Population	1,333	1,090	81.77%

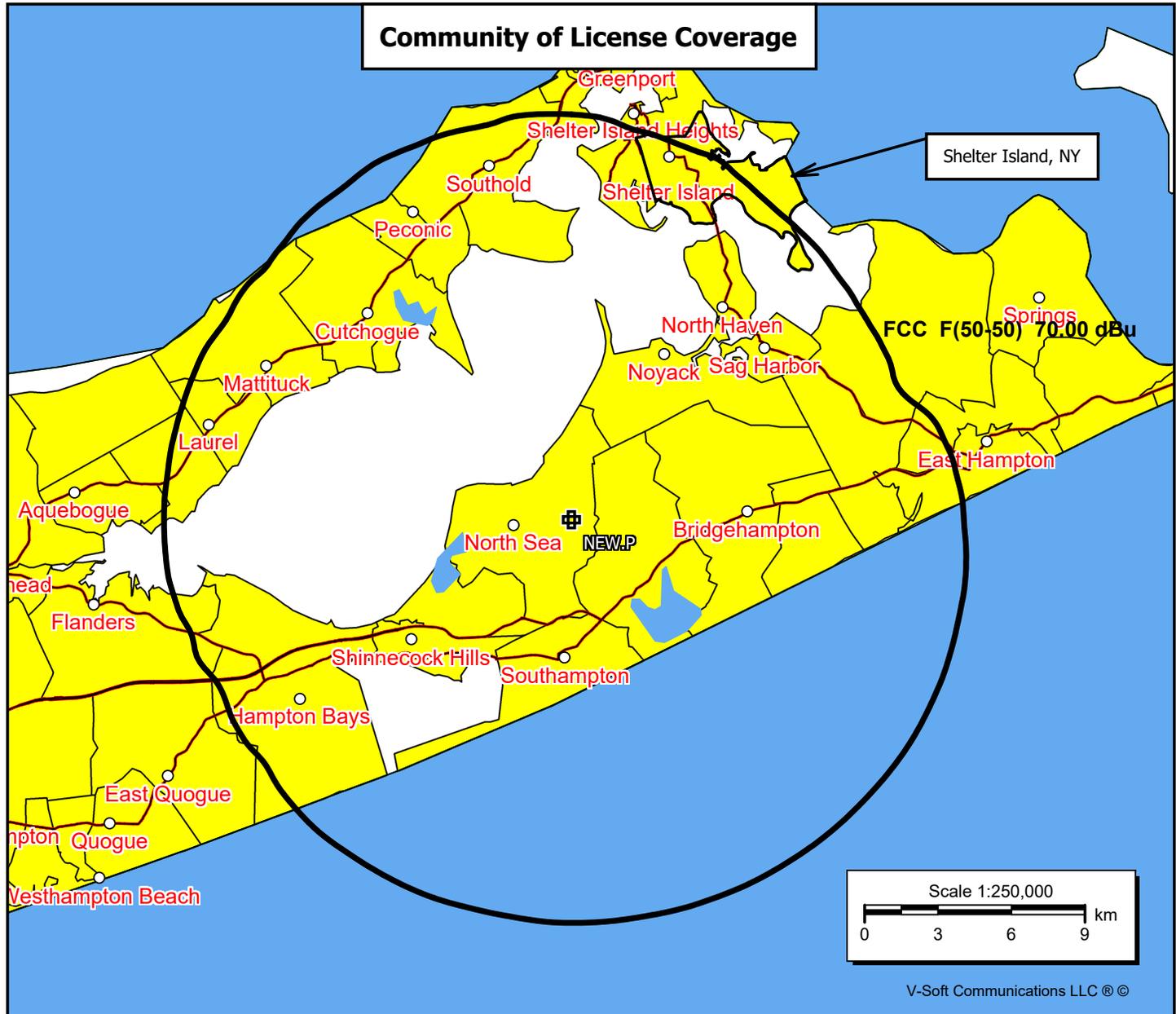
Thus, the facility proposed in this application meets the requirement to serve the community of license.

\*Note - The Shelter Island limits and population were calculated using the 2010 Census data as rendered by V-Soft Communications program Probe 4.

# Exhibit 16-A

## NEW.P

Latitude: 40-56-05 N  
Longitude: 072-23-11.90 W  
ERP: 4.90 kW  
Channel: 277  
Frequency: 103.3 MHz  
AMSL Height: 116.0 m  
Elevation: 41.53 m  
Horiz. Pattern: Omni  
Vert. Pattern: No



## Exhibit 16-A1

Polygon Population Report

Population Database: 2010 US Census (PL)

Total Population: 1,333

Housing Units: 1,136

Total Area: 17.3 sq. km

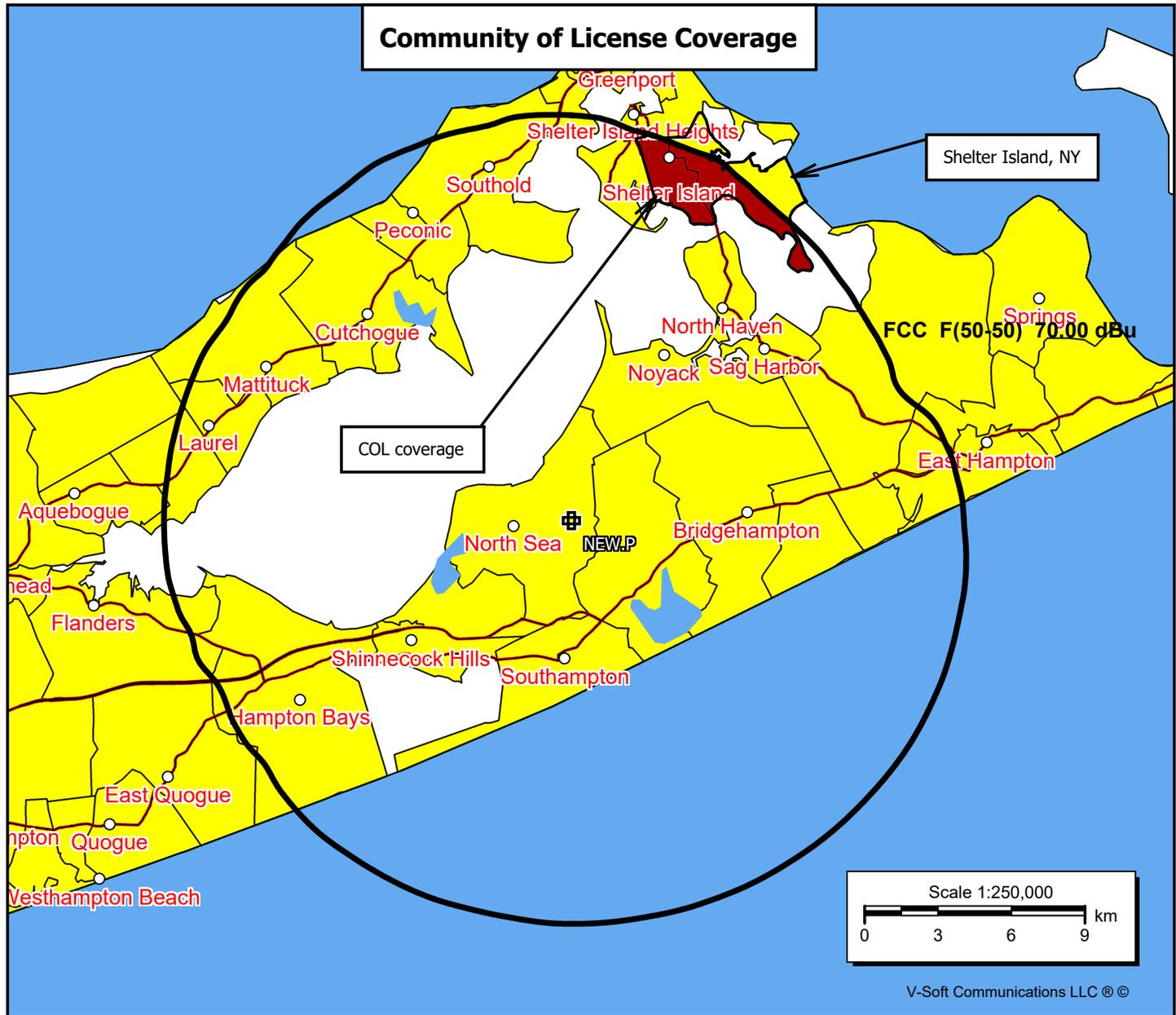
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	Housing Units	Population
New York		
Suffolk County		
Total	569,985	1,493,350
Shelter Island, NY	1,136	1,333

# Exhibit 16-B

## NEW.P

Latitude: 40-56-05 N  
Longitude: 072-23-11.90 W  
ERP: 4.90 kW  
Channel: 277  
Frequency: 103.3 MHz  
AMSL Height: 116.0 m  
Elevation: 41.53 m  
Horiz. Pattern: Omni  
Vert. Pattern: No



## Exhibit 16-B1

Overlap Population Report  
NEW.P (277) / Shelter Island, NY

Overlap Area Type: Intersection  
Areas Included:

NEW.P (277): FCC F(50-50) 70.00 dBu (FCC HAAT)  
PGON: Shelter Island, NY

Population Database: 2010 US Census (PL)

Total Population: 1,090  
Housing Units: 928  
Overlap Area: 11.6 sq. km (Area determined using 0.018 km cells)

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Area                Total   Total Area   Percent   Percent  
Description          Population [sq. km] Population Area  
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NEW.P (277): FCC F(50-50) 70   54,514   820.03     2.0 %    1.4 %  
PGON: Shelter Island, NY      1,333    17.34     81.8 %   66.9 %  
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