City of Malibu
MEMORANDUM

To: Mayor and Members of the Council

From: Richard Mollica, Planning Director

Date: April 27, 2023

Re: Communication Facility Located Adjacent to the New College Building

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The subject memorandum is an update to the City Council and members of the public regarding the Emergency Communication Facilities (ECF) tower project and related next steps since the last memorandum prepared on April 29, 2022 by the City.

Background

As discussed in the City's previous memorandum regarding this matter, an ECF tower was installed at the Santa Monica College (SMC)/Los Angeles County Sheriff's Department (LASD) site located at 23525 Civic Center Way in April 2022. The tower is located on the western side of the SMC building and stands 91 feet tall (base pole is 75 feet tall and the lightning rod extends an additional 16 feet). Plans of the old tower provided by the applicant in December of 2022 demonstrated that the previous tower was 85 feet in height (previous tower was 70 feet tall and the lightning rods extended an additional 15 feet).

In addition, it was determined that while the installation of the ECF was approved, no Conditional Use Permit (CUP) (as required by Coastal Development Permit (CDP) No. 13-056) was issued for the use of the ECF. The City informed LA County and SMC that further work on the tower must cease unless it is necessary for safety and work can resume once the necessary approvals for the use of the tower are obtained from the City.

CUP for the Emergency Communications Tower and Tower Height

On December 7, 2022, the applicant submitted a CUP application for the use of the tower. In addition to obtaining a CUP for the use of the tower, City staff informed the applicant that the additional tower height beyond what was approved as part of CDP No. 13-056, must also be addressed. To date, Staff has completed two review cycles of the application materials and the application remains incomplete (Attachments 1 and 2). The applicant submitted a height verification survey (Attachment 3) as part of their CUP application which verified that the height of the monopoles' base is 74.85 feet, however it did not account for the height of the tallest antenna mounts or the lightning rod which exceed the base height. The applicant is working with SMC and LASD on a solution to lower the antenna mounts down to 75 in height. The applicant has stated that the lightning rod may not be removable as it is for safety purposes.

Design and Color of the Tower

Staff also informed both LA County and SMC that they must address the colors and lighting of the tower as part of the current application. Currently the pole is painted orange and white and has flashing hazard lights attached to the top of the tower in order to meet Federal Aviation Administration (FAA) safety requirements (Attachments 4 and 5). Staff met with the applicant and representatives of the FAA in April of 2023. The FAA stated that there appeared to be an error made by the applicant with the application that was filed which led to confusion regarding the tower's actual location on the site. The applicant has agreed to resubmit a new application to the FAA with the corrected location and the FAA will reevaluate if the orange and white paint colors and lighting are still required.

ATTACHMENTS:

1. Incomplete Letter dated January 25, 2023
2. Incomplete Letter dated March 29, 2023
3. Height Verification Survey dated November 18, 2022
4. Federal Aviation Administration Letter to SMC Project Team dated March 7, 2022
5. Federal Aviation Administration Letter to SMC Project Team dated October 26, 2022

City of Malibu

23825 Stuart Ranch Road · Malibu, California · 90265-4861
Phone (310) 456-2489 · Fax (310) 456-3356 · www.malibucity.org

January 25, 2023

Masoud Mahmoud
4165 E Thousand Oaks Blvd
Westlake Village, CA 91362

Reference: **23525 Civic Center Way, Malibu, CA 90265**
Conditional Use Permit No. 22-004
A Conditional Use Permit for the operation of an emergency communications facility to service the Los Angeles County Sheriff 's substation located near the Santa Monica College

Dear Masoud,

On **December 7, 2022,** the application listed above was submitted to the City of Malibu's Planning Department for processing. The subject property is located at 23525 Civic Center Way (APN 4458-022-906) and is zoned Institutional (I). The subject property is not within the Appeal Jurisdiction of the California Coastal Commission (CCC) as depicted on the Post – Local Coastal Program (LCP) Certification Permit and Appeal Jurisdiction Map of the City of Malibu.

Our Planning Department Staff has completed an initial review of the application and determined on **January 25, 2023,** that the application submitted was **INCOMPLETE and will require further information.** To continue processing the application, please address the following items.

Project History

- The emergency communications tower was approved under Coastal Development Permit (CDP) No. 13-056 along with the Santa Monica College and Los Angeles County Sheriff's substation. The permit included conditions of approval that required the tower to comply with specific color and lighting designs and a maximum overall height of 75 feet. The following conditions of approval were included in Planning Commission Resolution No. 16-30 which approved CDP No. 13-056:

  *2. **The approved scope of work includes** the demolition of the existing building, and construction of a new two-story, educational facility, that includes a sheriff substation, for a proposed floor area ratio (FAR) of 0.20, **and removal and replacement of the existing emergency communication tower, as follows**:*
  a. Demolition:
  i. 16,603 square foot single-story square foot building, and 7,279 square foot basement (former Los Angeles County Sheriff's Substation); and
  ii. A portion of the existing arcade and ancillary development within the lease area.
  b. Construction:
  i. A new two-story, 35 foot, 25,310 square foot educational facility that includes a 5,640 square foot of sheriff substation, for a proposed floor area ratio (FAR) of .20;
  ii. Hardscape with 6,430 square feet of permeable coverage;
  iii. Landscaping;

iv. Grading and retaining walls;
v. Lighting and utilities;
vi. Repair, repave and restripe existing parking lot;
vii. Outdoor amphitheater/terraced seating area; and
viii. Monument sign

c. ***Relocation and replacement of the existing 70 foot high lattice-style communication tower with a 75 foot high monopole communication tower.***
d. Connection to the City's future Wastewater Treatment Facility.

17. Prior to construction of the replacement communications tower, the property owner, Los Angeles County, shall obtain a conditional use permit for the emergency communications facility use.
*** Note: The CUP was submitted after the construction of the tower**

24. The project shall incorporate colors and exterior materials that are compatible with the surrounding landscape.
a. Colors shall be compatible with the surrounding environment (earth tones) including shades of green, brown and gray, with no white or light shades and no bright tones.
b. The use of highly reflective materials shall be prohibited except for solar energy panels or cells, which shall be placed to minimize significant adverse impacts to public views to the maximum extent feasible.
c. All windows shall be comprised of anti-glare glass.

28. No permanently installed lighting shall blink, flash, or be of unusually high intensity or brightness. Lighting levels on any nearby property from artificial light sources on the subject property shall not produce an illumination level greater than one foot candle.

87. Colors and materials of the proposed tower, including equipment and antennas attached thereto, shall be non-reflective and chosen to minimize visual impact to the greatest extent feasible.

- In April of 2022, the emergency communications facility was erected. **The conditions of approval above were not and have not been met. The tower is painted, without City approval, an aviation orange and white and includes red blinking lights as part of Federal Aviation Administration (FAA) requirements since it is in close proximity to a helipad. The tower is also taller than the approved 75 feet when accounting for all appurtenances including the lightning rod atop the pole.**

Outstanding Issues

- **Coastal Development Permit Amendment (CDPA)**: CDP No. 13-056 must be amended to allow the color scheme required by the FAA and account for the tower's true height which is more than the approved 75 feet. A CDPA must be applied for to amend the permit so that the site, as constructed, comes into conformance with the approved design.

- A variance must be applied for to allow additional height over the approved 75 feet. Findings for the variance can be found in the LCP's Local Implementation Plan (LIP) Chapter 13.26.

- The City has identified a couple paths forward to consider:
    i. Reduce the tower's overall height to 75 feet maximum. Apply for a CDPA to account for the required FAA color scheme and lighting.

ii. Apply for a CDPA and variance for the additional height, colors and lighting. If this route is taken you will have to identify, with strong technical evidence, the reasons more than 75 feet is needed to achieve the objectives of the tower. The planning department may not support the variance for additional height if it has not been fully demonstrated that the height above 75 feet is necessary for the operation of the tower.

Documentation

To submit revised plans and documents in response to this letter, please submit through the Planning Department's Online Portal at www.MalibuCity.org/PlanningSubmittalPortal. Upon receiving your request to submit, the Submittal Administrator will send a link to you to submit documents. Once documents are received, fees will be calculated, which can be paid online.

1. Submit a CDPA application and a variance application, if applicable, and pay the associated review fees. The CDPA checklist has been provided via email. Please submit any required documents on the checklist that have not been supplied in this application.

2. If a variance is applied for, supply the analysis to the findings located in LIP Chapter 13.26. Also provide technical evidence as to why the additional height over 75 feet is necessary. It is best to provide code sections applicable to law such as the Federal Communications Commission, California Public Utilities Commission, etc. You may also submit technical evidence related to the operations of the tower and the objectives of the Sheriff's substation.

Plan Revisions

Plan Submittals: Plans shall be grouped and named by discipline (e.g. architectural, grading, civil, etc.).

- 24" x 36" size digital set dimensioned to ¼" = 1' or ⅛" = 1' scale

3. Plans

   - Submit a new set of plans incorporating the design your choosing. Be sure to measure to the tallest point of the proposed tower with the inclusion of all appurtenances including, but not limited to, the antennas and lighting rods.

   - Include all colors and lights required by the FAA on the plans.

Further Processing

4. **(Can be submitted at a later time)** Certified property owner and occupant addresses will be required upon approvals from the interdepartmental specialist. Please coordinate with your Planner on the timing of the mailing labels. Certified property owner and occupant addresses. Property owner and applicant addresses on mailing labels will not be accepted. Mailing addresses and radius maps shall be submitted in digital format. Following are the guidelines:

   - The addresses of the property owners and occupants within the mailing radius shall be provided in a Microsoft Excel spreadsheet. The radius map (8½" x 11") shall show a 500 foot radius from the subject property and must show a minimum of 10 developed properties. A digital copy of the map shall be submitted on the same cd as the mailing addresses.
   - The spreadsheet shall have the following column headers in row one: 1) name, 2) address, 3) city, state & zip code, and 4) parcel (for APN). The owners should be listed first followed by the occupants. The project applicant's mailing address should be added at the end of the list.

- An additional column for “arbitrary number” may be included if the supplied radius map utilizes such numbers for the purpose of correlating the addressee to their map location.

Additional comments may be forthcoming upon receipt of revised plans and/or new information. Please be aware that additional fees and requirements may be required in the near future should a CDPA and/or variance application be submitted. If new materials are not submitted within 45 days, staff may take action to close out the application due to inactivity.

If you have any questions, please contact me at (310) 456-2489, extension 273 or at teaton@malibucity.org.

Sincerely,

Tyler Eaton
Senior Planner

City of Malibu

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March 29, 2023

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Our Planning Department Staff has completed a second review of the project materials submitted on February 22, 2023 and determined on **March 29, 2023,** that the application submitted was **INCOMPLETE and will require further information.** To continue processing the application, please address the following items. Since many of the items in the previous City determination were not addressed, new information will be labeled in red.

Addressing the letter submitted on February 22, 2023

Although the current CUP application is for the use of the tower, the City cannot move forward with the application until the tower comes into compliance with the approval under Coastal Development Permit (CDP) No. 13-056. As mentioned in the *Project History* section below, the tower was not built in compliance with the approved height and is inconsistent with the colors allowed under the conditions of approval for CDP No. 13-056. Malibu Municipal Code (MMC) Section 17.66.080 requires 11 findings be made for a conditional use permit. One of which requires that "the proposed project complies with applicable requirements of state and local law." The proposed project does not comply with local law for the reasons mentioned below and we must therefore resolve the issue so that the CUP findings for approval can be made.

Height

The correct height standards to apply for the tower are the Institutional zoning standards of LCP Local Implementation Plan (LIP) Section 3.9(A)(1). CDP No. 13-056 allowed for a 75-foot-tall tower. Not only is the lightning rod atop the base pole taller than 75 feet, but the antenna mounts are also taller than the approved height. The provided letter mentions that previous direction from the City included an interpretation that height would only include parts of the tower that were permanently affixed rather than removable. If the antenna mounts are not permanent fixtures, they can be moved to be consistent with the 75-foot maximum height allowance. We have not received evidence that this cannot be done or evidence that the current height is

required for some reasons related to the operation of the tower. We would consider the reasons as possible justification for a CDP Amendment to allow for the increased height.

The height for structures within the Institutional zoning district is limited to *"18 feet above natural or finished grade, whichever results in a lower building height, except for chimneys, rooftop antenna, and light standards."* Further it provides that *"Flagpoles, satellite dishes, safety railings, elevator shafts, stairwells, church spires, and belfries may be increased up to a maximum of 35 feet if approved through a site plan review pursuant to Section 13.27 of the Malibu LIP."* Rooftop antenna exempt from height limitations is related to antennas mounted to the rooftop of a *building*. The tower is not considered a building. Pursuant to LIP Chapter 2 regarding Definitions, a building is *"any structure having a roof supported by columns or walls and intended for the shelter, housing or enclosure of any individual, animal, process, equipment, goods or materials or any kind or nature."* Therefore, the tower is defined as a structure, which is *"anything construed or erected which requires a fixed location on the ground, or is attached to a building or other structure having a fixed location on the ground."* Any appurtenances attached to the structure shall be considered as part of the overall height of the Institutional zoning district, which would have to meet either the 18 foot or 35 foot height allowance.

<u>Colors and Lighting</u>

We understand that it is an FAA requirement to have the current tower colors. However, the City would like to explore alternatives that both meet FAA safety requirements and the City's approval and applicable code requirements related to color of structures visible from scenic areas. This is an ongoing issue that the City is corresponding with the FAA on. If it is determined that the FAA would allow a different color scheme that meets their requirements and comes into closer conformance with the CDP, we would ask that you explore that option.

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- A variance must be applied for to allow additional height over the approved 75 feet. Findings for the variance can be found in LIP Section 13.26.

- The City has identified a couple paths forward to consider:
  i. Reduce the tower's overall height to 75 feet maximum. And await confirmation from the FAA regarding the colors. This can possibly be done under substantial conformance which is an administrative decision.
  ii. Apply for a CDPA and variance for the additional height, colors and lighting. If this route is taken you will have to identify, with strong technical evidence, the reasons more than 75 feet is needed to achieve the objectives of the tower. The planning department may not support the variance for additional height if it has not been fully demonstrated that the height above 75 feet is necessary for the operation of the tower.

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3. Please provide further explanation on the following (part of the supplemental email sent on January 26, 2023)

   - Is the tower going to be on/active at all times, is it at full capacity at all times?

   - It is understood that the tower is only used for emergencies, but is it going to be used for any day-to-day operations? In other words, how often do emergencies happen in Sheriff's purview that would initiate use of the tower?

   - Pease provide examples of an emergency situation in which the tower will be used.

Plan Revisions

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If you have any questions, please contact me at (310) 456-2489, extension 273 or at teaton@malibucity.org.

Sincerely,

Tyler Eaton
Senior Planner

CHRIS NELSON
& ASSOCIATES, INC.
SURVEYORS AND ENGINEERS

28118 Agoura Road, Suite 100, Agoura Hills, CA 91301
T: (818) 991-1040 **F**: (818) 991-0614

November 18, 2022

City of Malibu
23815 W. Stuart Ranch Road
Malibu, CA 90265

Re: SMC Malibu Campus/Sheriff's Substation – Tower

To whom it May Concern:

On November 7, 2022 our company performed survey measurements to determine the monopole tower elevations emergency communications tower at Santa Monica College/Sheriff's Substation, located in Malibu, California.

The vertical datum North American Vertical Datum (NAVD88) is based upon Los Angeles County Public Works bench mark number DY10045, adjustment 2020. The survey measurements were made using a Trimble SX10 total station to delineate the elevations at key locations.

Listed below, is the existing tower elevations and attached hereto is an aerial photo of the monopile tower.

Concrete base at ground – 22.34'

Top of monopole tower – 97.19'

Calculated tower height – 74.85'

Based on the surveyed elevation, the height of the tower from the base to the top cap of the tower is in substantial conformity with the approved drawings prepared by QDG Architecture, Sheet No. 6009 dated 8-26-2019.

Please feel free to contact me should you have any questions or concerns upon your review

Sincerely,

Chris Nelson
P.L.S 6385

PROFESSIONAL LAND SURVEYOR
CHRIS D. NELSON
No. 6385
STATE OF CALIFORNIA

SANTA MONICA COMMUNITY COLLEGE - MALIBU EMERGENCY COMMUNICATIONS TOWER

11/17/2022

LEGEND

1. 22.34 CONCRETE BASE AT GROUND LEVEL
2. 97.19 TOP OF MONOPOLE

TOWER HEIGHT: 74.85'

BENCHMARK

LA County BM DY 10045
NAVD 88 2020
EL = 17.85'

PROFESSIONAL LAND SURVEYOR
CHRIS D. NELSON
No. 6385
STATE OF CALIFORNIA

REFERENCE DRAWING:

SMC Malibu Campus / Sheriff's Substation
Sheet title - Emergency communications tower, sheet no. G009, prepared by QDG Architecture, dated 8/26/2019.

CHRIS NELSON & ASSOCIATES, INC.
SURVEYORS AND ENGINEERS

Mail Processing Center
Federal Aviation Administration
Southwest Regional Office
Obstruction Evaluation Group
10101 Hillwood Parkway
Fort Worth, TX 76177

Aeronautical Study No.
2021-AWP-2365-OE

Issued Date: 03/07/2022

Ahmad Hamadani
Icon-West, Inc.
520 S Lafayette Park Pl.
Ste. 503
Los Angeles, CA 90027

**** DETERMINATION OF NO HAZARD TO AIR NAVIGATION ** (CORRECTION)**

The Federal Aviation Administration has conducted an aeronautical study under the provisions of 49 U.S.C., Section 44718 and if applicable Title 14 of the Code of Federal Regulations, part 77, concerning:

Structure:	Antenna Tower Communication Tower
Location:	Malibu, CA
Latitude:	34-02-14.19N NAD 83
Longitude:	118-41-22.94W
Heights:	22 feet site elevation (SE) 91 feet above ground level (AGL) 113 feet above mean sea level (AMSL)

This aeronautical study revealed that the structure does not exceed obstruction standards and would not be a hazard to air navigation provided the following condition(s), if any, is(are) met:

As a condition to this Determination, the structure is to be marked/lighted in accordance with FAA Advisory circular 70/7460-1 M, Obstruction Marking and Lighting, paint/red lights-Chapters 3(Marked),4,5(Red),&15.

Any failure or malfunction that lasts more than thirty (30) minutes and affects a top light or flashing obstruction light, regardless of its position, should be reported immediately to (877) 487-6867 so a Notice to Airmen (NOTAM) can be issued. As soon as the normal operation is restored, notify the same number.

This determination expires on 09/07/2022 unless:

(a) the construction is started (not necessarily completed) and FAA Form 7460-2, Notice of Actual Construction or Alteration, is received by this office.
(b) extended, revised, or terminated by the issuing office.
(c) the construction is subject to the licensing authority of the Federal Communications Commission (FCC) and an application for a construction permit has been filed, as required by the FCC, within 6 months of the date of this determination. In such case, the determination expires on the date prescribed by the FCC for completion of construction, or the date the FCC denies the application.

ATTACHMENT 4

NOTE: REQUEST FOR EXTENSION OF THE EFFECTIVE PERIOD OF THIS DETERMINATION MUST BE E-FILED AT LEAST 15 DAYS PRIOR TO THE EXPIRATION DATE. AFTER RE-EVALUATION OF CURRENT OPERATIONS IN THE AREA OF THE STRUCTURE TO DETERMINE THAT NO SIGNIFICANT AERONAUTICAL CHANGES HAVE OCCURRED, YOUR DETERMINATION MAY BE ELIGIBLE FOR ONE EXTENSION OF THE EFFECTIVE PERIOD.

This determination of No Hazard is granted provided the following conditional statement is included in the proponent's construction permit or license to radiate:

Upon receipt of notification from the Federal Communications Commission that harmful interference is being caused by the licencee's (permittee's) transmitter, the licensee (permittee) shall either immediately reduce the power to the point of no interference, cease operation, or take such immediate corrective action as is necessary to eliminate the harmful interference. This condition expires after 1 year of interference-free operation.

This determination is based, in part, on the foregoing description which includes specific coordinates, heights, frequency(ies) and power. Any changes in coordinates, heights, and frequencies or use of greater power, except those frequencies specified in the Colo Void Clause Coalition; Antenna System Co-Location; Voluntary Best Practices, effective 21 Nov 2007, will void this determination. Any future construction or alteration, including increase to heights, power, or the addition of other transmitters, requires separate notice to the FAA.This determination includes all previously filed frequencies and power for this structure.

If construction or alteration is dismantled or destroyed, you must submit notice to the FAA within 5 days after the construction or alteration is dismantled or destroyed.

This determination does include temporary construction equipment such as cranes, derricks, etc., which may be used during actual construction of the structure. However, this equipment shall not exceed the overall heights as indicated above. Equipment which has a height greater than the studied structure requires separate notice to the FAA.

This determination concerns the effect of this structure on the safe and efficient use of navigable airspace by aircraft and does not relieve the sponsor of compliance responsibilities relating to any law, ordinance, or regulation of any Federal, State, or local government body.

A copy of this determination will be forwarded to the Federal Communications Commission (FCC) because the structure is subject to their licensing authority.

If we can be of further assistance, please contact our office at (206) 231-2877, or Nicholas.Sanders@faa.gov. On any future correspondence concerning this matter, please refer to Aeronautical Study Number 2021-AWP-2365-OE.

Signature Control No: 469732933-516416933 (DNE)
Nicholas Sanders
Technician

Attachment(s)
Frequency Data
Map(s)

cc: FCC

Frequency Data for ASN 2021-AWP-2365-OE

LOW FREQUENCY	HIGH FREQUENCY	FREQUENCY UNIT	ERP	ERP UNIT
39	42	MHz	500	W
142	150	MHz	500	W
142	440	MHz	500	W
150	160	MHz	500	W
220	225	MHz	500	W
476	482	MHz	500	W
482	488	MHz	100	W
482	488	MHz	500	W
769	802	MHz	100	W

TOPO Map for ASN 2021-AWP-2365-OE

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Federal Aviation Administration
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10101 Hillwood Parkway
Fort Worth, TX 76177

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The Federal Aviation Administration has conducted an aeronautical study under the provisions of 49 U.S.C., Section 44718 and if applicable Title 14 of the Code of Federal Regulations, part 77, concerning:

Structure:	Antenna Tower Communications Tower
Location:	Malibu, CA
Latitude:	34-02-14.19N NAD 83
Longitude:	118-41-22.94W
Heights:	22 feet site elevation (SE)
	91 feet above ground level (AGL)
	113 feet above mean sea level (AMSL)

This aeronautical study revealed that the structure does not exceed obstruction standards and would not be a hazard to air navigation provided the following condition(s), if any, is(are) met:

As a condition to this Determination, the structure is to be marked/lighted in accordance with FAA Advisory circular 70/7460-1 M, Obstruction Marking and Lighting, paint/red lights-Chapters 3(Marked),4,5(Red),&15.

Any failure or malfunction that lasts more than thirty (30) minutes and affects a top light or flashing obstruction light, regardless of its position, should be reported immediately to (877) 487-6867 so a Notice to Airmen (NOTAM) can be issued. As soon as the normal operation is restored, notify the same number.

This determination of No Hazard is granted provided the following conditional statement is included in the proponent's construction permit or license to radiate:

Upon receipt of notification from the Federal Communications Commission that harmful interference is being caused by the licencee's (permittee's) transmitter, the licensee (permittee) shall either immediately reduce the power to the point of no interference, cease operation, or take such immediate corrective action as is necessary to eliminate the harmful interference. This condition expires after 1 year of interference-free operation.

This determination is based, in part, on the foregoing description which includes specific coordinates, heights, frequency(ies) and power. Any changes in coordinates, heights, and frequencies or use of greater power, except those frequencies specified in the Colo Void Clause Coalition; Antenna System Co-Location; Voluntary Best

ATTACHMENT 5

Practices, effective 21 Nov 2007, will void this determination. Any future construction or alteration, including increase to heights, power, or the addition of other transmitters, requires separate notice to the FAA.This determination includes all previously filed frequencies and power for this structure.

If construction or alteration is dismantled or destroyed, you must submit notice to the FAA within 5 days after the construction or alteration is dismantled or destroyed.

This determination does include temporary construction equipment such as cranes, derricks, etc., which may be used during actual construction of the structure. However, this equipment shall not exceed the overall heights as indicated above. Equipment which has a height greater than the studied structure requires separate notice to the FAA.

This determination concerns the effect of this structure on the safe and efficient use of navigable airspace by aircraft and does not relieve the sponsor of compliance responsibilities relating to any law, ordinance, or regulation of any Federal, State, or local government body.

This aeronautical study included evaluation of a structure that exists at this time. Action will be taken to ensure aeronautical charts are updated to reflect the most current coordinates, elevation and height as indicated in the case description.

A copy of this determination will be forwarded to the Federal Communications Commission (FCC) because the structure is subject to their licensing authority.

This determination cancels and supersedes prior determinations issued for this structure.

If we can be of further assistance, please contact our office at (206) 231-2877, or Nicholas.Sanders@faa.gov. On any future correspondence concerning this matter, please refer to Aeronautical Study Number 2022-AWP-19092-OE.

Signature Control No: 557025166-559204401 (DNE)
Nicholas Sanders
Technician

Attachment(s)
Frequency Data

cc: FCC

Frequency Data for ASN 2022-AWP-19092-OE

LOW FREQUENCY	HIGH FREQUENCY	FREQUENCY UNIT	ERP	ERP UNIT
39	42	MHz	500	W
142	150	MHz	500	W
142	440	MHz	500	W
150	160	MHz	500	W
220	225	MHz	500	W
476	482	MHz	500	W
482	488	MHz	100	W
482	488	MHz	500	W
769	802	MHz	100	W