

RADIO ADMINISTRATION
FCC REGULATORY INFORMATION
NOAA FORM 76-10
REPORT OF RADIO TRANSMITTING ANTENNA
CONSTRUCTION, ALTERATION, AND/OR REMOVAL

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1. GENERAL

1.01 In certain situations involving the construction or alteration of an antenna structure which is required to be "obstruction marked," NOAA Form 76-10 must be submitted to the National Oceanic and Atmospheric Administration in Rockville, Maryland. This section describes the preparation of the form and discusses related rules and regulations.

1.02 This section is reissued to indicate the change in name of the government agency involved and the change in forms which resulted. Since the changes are minor in nature, change arrows have been omitted.

Applicable FCC Rules and References

1.03 The information in this section is based upon Part 77 of the Federal Aviation Regulations (FAR), "Objects Affecting Navigable Airspace" and upon Part 17 of the Federal Communications Commission (FCC) Rules and Regulations, "Construction, Marking, and Lighting of Antenna Structures."

1.04 In this section "RR" is used to denote the FCC Rules and Regulations. For example, RR 17.27(a) refers to Subparagraph (a) of Paragraph 27 of Part 17 of the FCC Rules and Regulations.

1.05 RR 17 refers to U.S. Coast and Geodetic Survey, C & GS Form 844. In December, 1967, this form was replaced by Environmental Science Services Administration, Coast and Geodetic Survey, ESSA Form 76-10. In February 1971, ESSA Form 76-10, was replaced by the National Oceanic and Atmospheric Administration, NOAA Form 76-10.

1.06 Section 400-550-101 describes the use and preparation of FAA Form 7460-1 and FAA Form 7460-2, which must be submitted to the FAA for certain antenna structure construction or alteration.

2. NOAA FORM 76-10

General

2.01 NOAA Form 76-10 is a single card which is 10-3/4 inches long and 6 inches wide and is perforated so that it may be separated into three pieces. Figures 1 and 2 are reduced size reproductions of the front and back sides, respectively, of Form 76-10.

2.02 As can be seen, the bottom and middle thirds of the card are marked PART 1 and PART 2, respectively. The back side of both Part 1 and Part 2 bears the address of the National Oceanic and Atmospheric Administration and is marked so that the part may be mailed free of charge.

2.03 The front side of the top third gives the purpose of the form. The back side of the top part defines various terms used in the form.

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How to Obtain

2.04 Normally, the FCC will include a copy of Form 76-10 with any authorization it issues for antenna structure work that requires the filing of a 76-10. However, any licensee (or applicant) who proposes antenna structure work is still responsible for determining when a 76-10 is required and for filing the form when required. When necessary, copies of Form 76-10 may be obtained by contacting the National Oceanic and Atmospheric Administration in Rockville, Maryland.

Form and Time of Submitting

2.05 A completed NOAA Form 76-10 must be submitted to the National Oceanic and Atmospheric Administration, Rockville, Maryland whenever construction, alteration (change in height), relocation, or removal of an antenna structure is undertaken *pursuant to an authorization issued by the FCC* and when "obstruction marking" of the structure either is or has been previously specified by the FCC (RR 17.57).

Note: "Obstruction marking" means the antenna structure is either lighted or painted (or both) in accordance with the specifications contained in Subpart C of RR Part 17. Refer to the definitions of "structure," "construction," "relocation," and "completion of construction," which are shown on Form 76-10 (Fig. 2).

2.06 When Form 76-10 is required, Part 1 must be completed and submitted approximately (but not less than) 48 hours before the proposed antenna structure work is started. Part 2 must be completed and submitted within 24 hours after the work is completed (reached authorized height and/or location) (RR 17.57).

2.07 Situations which require Form 76-10 to be submitted usually also require that an FAA Form 7460-2 be submitted to the FAA. Refer to Section 400-550-101 for information about Form 7460-2.

3. PREPARATION OF NOAA FORM 76-10

General

3.01 Detailed instructions for preparing Form 76-10 are given in 3.05 through 3.17 of this section. To illustrate this preparation, Fig. 1

shows a completed Form 76-10 with appropriate responses entered in Parts 1 and 2 for a typical radio station. In this illustration, a situation where the height of an existing structure has been increased (alteration) is used as an example.

3.02 Encircled numerical notations adjacent to Fig. 1 refer to the paragraphs of this section which discuss the item so marked.

3.03 The response to each item on the form shown in Fig. 1 was prepared for a specific set of circumstances. On forms prepared for other circumstances and by other companies, these responses must be modified to fit the particular situation involved. For situations which are beyond the scope of this section, refer to local instructions.

3.04 The responses required for the majority of the items on Form 76-10 either appear as "terms" on the FCC instrument which authorizes the antenna structure work involved or appear in the application for that instrument. For such responses, the information shown on Form 76-10 must be identical to that shown in the FCC authorization or the application therefor.

Part 1

3.05 On the two top lines, enter the location (proposed location if for relocation) and geographical coordinates for the structure involved as shown in Fig. 1. Add the letters "N" and "W" behind the latitude and longitude, respectively. This location will be that shown for "Location of Transmitter" or "Location of Station" on the FCC authorization, depending on the type of authorization.

3.06 In the spaces provided to the right of "STRUCTURE" (middle of left side), enter information as follows:

(a) On the top line of the four boxes provided, check the two which describe the antenna work: either "permanent" or "temporary" and either "new" or "alteration." If other than construction of a new structure is involved, add "See REMARKS" as shown in Fig. 1, and briefly describe the proposed work in the space entitled "REMARKS."

(b) On the second and third lines, enter the heights specified as shown on the FCC authorization (if shown) or as shown on the

application for the authorization. If the structure is being removed, leave these lines blank.

(c) On the fourth line, enter the date on which work on the structure is expected to be started. The date should be the best and latest estimate obtainable from the people directly concerned with the work.

(d) On the fifth line, enter the date on which it is expected that the antenna structure work will be completed (ie, reach the height and/or location authorized by the FCC authorization). Use the best date obtainable from current work schedules.

3.07 In the spaces provided to the right of "RADIO STATION" (center of Part 1), enter the station call sign, transmitting frequency or frequencies, class, radio service, and licensee exactly as shown on the FCC authorization. If additional space is required for the transmitting frequencies, enter "See REMARKS" in the space entitled "FREQUENCY" and place the frequencies in the space entitled "REMARKS" as shown in Fig. 1.

3.08 On the bottom line, the form must be signed by someone authorized to sign such documents in the company.

3.09 Enter the title of the person who signs the form and the date of signing.

Note: The date of signing obviously should be approximately 2 days earlier than that shown for start of construction.

3.10 Detach Part 1 from the remainder of the form and drop Part 1 in a mailbox.

Part 2

3.11 On the top line (provided for responses), enter the following:

(a) The location (new location if relocated) of the antenna. This location will be that shown for "Location of Transmitter" or "Location of Station" on the FCC authorization, depending on the type of authorization. If there is insufficient space, "See REMARKS" may be entered in the space entitled "CITY OR TOWN" and the location placed in the "REMARKS" space.

(b) The call sign of the station as shown on the FCC authorization.

(c) The transmitting frequencies as shown on the FCC authorization. If more space is required, enter "See REMARKS" in the space entitled "FREQUENCY" and show the frequencies in the "REMARKS" space as shown in Fig. 1.

3.12 On the second line, enter:

(a) The overall height of the structure as shown on the authorization (if shown) or as shown in the application for the authorization. If the structure is being removed, add "See REMARKS" above the height.

(b) The date when construction was completed (ie, reached height and/or location authorized by the FCC authorization).

3.13 On the third line:

(a) If the structure was removed, enter "See REMARKS" in the space provided for ground elevation. Otherwise, enter the ground elevation of the site (new site if relocated) of the structure as shown on the authorization (if shown) or on the application for the authorization. If the ground elevation was obtained from a survey or from a topographical map, check the method used. If the ground elevation was determined by some other method, enter "See REMARKS" and enter the method used in the "REMARKS" space.

(b) In the space provided, enter the geographical coordinates of the station as shown on the authorization. Enter "N" and "W" behind the latitude and longitude, respectively.

(c) In the space entitled "STRUCTURE," check the two of the four boxes provided which describe the antenna structure: either "permanent" or "temporary" and either "new" or "alteration." If other than new construction was involved, enter "See REMARKS" as shown in Fig. 1, and briefly describe the undertaking in the space entitled "REMARKS."

3.14 Responses will be required for the fourth line only for certain situations where an existing structure (whether currently authorized or not) is relocated or where an existing radio service

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is transferred from an existing structure at one location to a second structure at a different location, and the second structure was either constructed for the service or was an existing structure specifically altered (in height) to accommodate the service. In such situations *where the structure at the new site is required to be obstruction marked*, unless other specific instructions are received from the FCC, enter responses in accordance with the following:

(a) For structures which are relocated (whether marked or not at the old location), proceed as follows:

(1) Check the box marked "DISMANTLED" and enter the date when removal of the structure from the former site was completed. This date must be between the date shown on Part 1 for start of construction and the date shown on Part 2 for completion of construction.

(2) In the spaces provided on the right half of the fourth line, enter the overall height (in feet) and geographical coordinates of the structure at the former site. This information should agree with previously filed information.

(3) In the space entitled "REMARKS," state that the structure was relocated and indicate with what station (by call sign, if necessary) the structure was formerly associated and who owned the structure at that time. Indicate whether the structure was formerly obstruction marked or not.

Note: If a structure which was previously marked is relocated and is not required to be marked at the new location, Form 76-10 would be required only for removal from the old

site and no response would be required on the fourth line.

(b) When a particular service is transferred from a structure (whether marked or not) at one site to a structure at a second site, proceed as follows:

(1) Check "REMAIN STANDING ..." if the structure at the old site is to be retained in position for some future use or if future plans for the structure have not been determined. Check "DISMANTLED" if it is known that the structure at the old site will be removed, and enter the estimated date on which such removal will be completed.

(2) On the right half of the fourth line, enter the overall height (in feet) and geographical coordinates for the structure at the old site. This information must agree with information shown on the FCC authorization for the old site.

(3) In the space entitled "REMARKS," briefly explain the details of the undertaking.

3.15 On the second line from the bottom, enter the corporate name of the company and the radio service in which the station operates, as shown on the FCC authorization.

3.16 On the bottom line, enter the title of the person who will sign the form and the date of signing. The form must be signed by someone authorized to sign such documents in the company. The date of signing must not be more than one day later than the date shown on the second line for completion of construction.

3.17 Detach Part 2 from the remainder of the form and drop Part 2 in a mailbox.

NOAA Form 76-10

U.S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION

OMB No. 41-R1558

REPORT OF RADIO TRANSMITTING ANTENNA
CONSTRUCTION, ALTERATION AND/OR REMOVAL

Purpose: To provide radio tower information promptly for use on aeronautical charts and related publications in the interest of SAFETY IN AIR NAVIGATION and to comply with the provisions of Section 17.57 of the FEDERAL COMMUNICATIONS COMMISSION RULES AND REGULATIONS, the attached PARTS 1 and 2 shall be completed and mailed at the time stipulated to the addressee indicated.

(See reverse side for definitions)

Detach and mail lower portions

PART 2				MAIL WITHIN 24 HOURS OF COMPLETION OF CONSTRUCTION AND/OR DISPOSITION OF TOWER			
LOCATION OF TRANSMITTING ANTENNA (As shown on FCC authorization)							
CITY OR TOWN		STATE		CALL SIGN		FREQUENCY	
1.5 Mile NE of San Rafael		California		KXX12		See REMARKS	
ACTUAL OVERALL HEIGHT OF STRUCTURE ABOVE GROUND INCLUDING ANTENNA, LIGHT, ETC.				DATE STRUCTURE COMPLETED			
200 FT.				November 1, 1967			
GROUND ELEV. ABOVE SEA LEVEL AT BASE OF STRUCTURE		LATITUDE		LONGITUDE			
1050 FT.		37° 59' 19" N		122° 30' 06" W			
DETERMINED BY <input checked="" type="checkbox"/> ACTUAL SURVEY <input type="checkbox"/> MAP CONTOURS				STRUCTURE <input checked="" type="checkbox"/> PERMANENT <input type="checkbox"/> TEMP <input type="checkbox"/> NEW <input checked="" type="checkbox"/> ALTERATION			
(Explain other method under "Remarks")				See REMARKS			
IF OPERATING PREVIOUSLY GIVE DISPOSITION OF TOWER(S) AT FORMER SITE:							
<input type="checkbox"/> REMAIN STANDING AND NOT USED FOR TRANSMITTING				OVERALL HEIGHT OF STRUCTURE ABOVE GROUND			
<input type="checkbox"/> DISMANTLED: ESTIMATE DATE				LATITUDE		LONGITUDE	
(Explain under Remarks-note new ownership under Remarks)							
REMARKS Overall height of existing structure was increased from 195 feet to 200 feet above ground level.							
Frequency (MHz): 3730, 3810, 3890, 3970, 4130							
NAME OF PERMITTEE OR LICENSEE						SERVICE	
The Pacific Telephone and Telegraph Company						Point-to-Point Microwave	
BY (Signature and title)						DATE	
S.L. Sult Toll Plant Extension Engineer						November 2, 1967	
PART 1				MAIL 48 HOURS PRIOR TO START OF TOWER CONSTRUCTION			
PROPOSED LOCATION OF TRANSMITTING ANTENNA (As shown on FCC authorization)							
CITY OR TOWN		STATE		LATITUDE		LONGITUDE	
		California		37 59 19 N			
DESCRIPTION OF TOWER LOCATION (Street address, if any)						LONGITUDE	
1.5 Mile NE of San Rafael						122 30 06 W	
<input checked="" type="checkbox"/> PERM. <input type="checkbox"/> TEMP. <input type="checkbox"/> NEW <input checked="" type="checkbox"/> ALTERATION				CALL SIGN		FREQUENCY	
See REMARKS				KXX12		See REMARKS	
ACTUAL OVERALL HGT. OF STRUC. ABOVE GROUND INCLUDING ANTENNA, LIGHT, ETC.				CLASS OF STATION			
200 FT.				Fixed			
GROUND ELEV. ABOVE SEA LEVEL AT BASE OF STRUCTURE				SERVICE			
1050 FT.				Point-to-Point Microwave			
DATE CONSTRUCTION OF STRUCTURE WILL START				NAME OF PERMITTEE OR LICENSEE			
October 15, 1967				The Pacific Telephone and Telegraph Company			
ESTIMATED DATE OF STRUCTURE COMPLETION							
November 3, 1967							
REMARKS Overall height of existing structure to be increased from 195 feet to 200 feet above ground level.							
Frequency (MHz): 3730, 3810, 3890, 3970, 4130.							
BY (Signature and title)						DATE	
S.L. Sult Toll Plant Extension Engineer						October 12, 1967	

Fig. 1—NOAA Form 76-10—Front

DEFINITIONS

Structure: Shall mean the supporting tower including antenna(s).

Construction: Shall mean any new construction or any alteration affecting the over-all height of an existing structure, such as the addition of an FM or TV antenna to an existing AM structure thereby increasing the over-all height above ground; the removal of such antenna from existing structures thereby decreasing the over-all height above ground; the rebuilding of a portion of an existing structure in any manner thereby increasing or decreasing the over-all height above ground.

Relocation: Move from former site to a new site.

Completion of Construction: Shall mean the structure has been constructed to the height authorized by the Federal Communications Commission.

NOAA FORM 76-10

U.S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND
ATMOSPHERIC ADMINISTRATION

OFFICIAL BUSINESS

POSTAGE AND FEES PAID
U.S. DEPARTMENT OF COMMERCE
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AERONAUTICAL CHART DIVISION, ATTN: C421
NATIONAL OCEAN SURVEY
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
ROCKVILLE, MARYLAND 20852

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Fig. 2—NOAA Form 76-10—Back