# APPLICATION FOR NEW OR MODIFIED RADIO STATION AUTHORIZATION UNDER PART 5 OF FCC RULES - EXPERIMENTAL RADIO SERVICE (OTHER THAN BROADCAST)

(Street addr No. 4)		nt Office address , and ZIP Code. Se	e instruction	DO NOT WRITE IN THIS BLOCK File No.			
PO Box 3 Lowell, 1	tucket Blvo		·	4728	EX-ML-9	÷.	
(a). Application	n for (check (	only one box)		2(b). For Modificat	ion indicate belo	w:	
New station		odification of existing	_	4102-EX-PL-94 File No: Call Sign:			
T FREQUENCY		HISSION e below or in attach	POWER	LOCATI	ON		
Particulars of	Operation (se	e instruction bel	low)				
Frequency (state whether kHz or MHz)		POWER		EMISSION	MODULATING SIGNAL	NECESSARY BANDWIDT	
<b>(A)</b>	(6)	(C)	0	Œ	(F)	G	
	1804 MH7	power and	emission pe	r Part 22	Τ		
-824 & 851-	869 MHz		emission pe				
-824 & 851- -901 & 935-	869 MHz	power and	emission pe emission pe	r Part 90			
5-824 & 851- 5-901 & 935-	869 MHz	power and power and		r Part 90 r Part 90			
5-824 & 851- 5-901 & 935-	869 MHz	power and power and	emission pe	r Part 90 r Part 90			
4-849 & 869 6-824 & 851 6-901 & 935 50-1990 MHz	869 MHz	power and power and	emission pe	r Part 90 r Part 90			
6-824 & 851- 6-901 & 935-	869 MHz	power and power and	emission pe	r Part 90 r Part 90			

- (C) Insert maximum effective radiated power from the antenna (if pulsed emission, specify peak power).
- (D) Insert "MEAN" or "PEAK" (See definitions in Part 5).
- (E) List each type of emission separately for each frequency. (See Section 2.20) of FCC Rules.)
- (F) Insert as appropriate for the type of modulation:
  - (1) the maximum speed of keying in bauds;
  - (2) maximum audio modulating frequency;
  - (3) frequency deviation of carrier;
  - (4) pulse duration and repetition rate.
  - For complex emissions, describe in detail in the space provided below.
- (G) Describe how the necessary bandwidth was determined in space provided below.

5()	a). Proposed le	ocation of trai	nsmitter and transmi	tting antenna (	(check	only one box)				
	FIXED	/BASE	MOBILE			BASE AND MOB	ILE			
5()	b). If permane	ently located a	at a fixed location, gi	ve below:		5(d). If mobile, d	lescribe ti	he exact area	of	
		unty	City or Town			operation			01	
			<u></u>			within Unit	ed State	20		
Nı	umber and str	eet (or other	indication of location	)				28		
 5(c	c). Enter geograph	nical coordiantes	exact to the nearest seco	nd		5(e). Enter geograph		••		
No	rth Latitude		West Longitude			center of proposed North Latitude			plica	
NU		20	o vvest Longkude	, ,,		o '		/est Longitude		
	Ū		Ŭ			U	0			
	(a) Width of	beam in degr	g information: ees at the half-power al plane		X Orienta	NO tion in vertical p	olane _			
7.			used for fulfilling th	ne requirement	ofago	overnment contra	act with a	an agency of	the	
	•••••	Government		🗌 yes	$\mathbf{X}$	NO				
		If "YES", attach as EXHIBIT No, a narrative statement describing the government project, agency and contact number.								
8.	In this outhor									
	is this author	ization to be	used for the exclusiv	ve purpose of d	evelopi	ng radio equipme	ent for ex	xport to be er	nple	
	by stations u	ization to be nder the juris	used for the exclusiv diction of a foreign	government?	·		ent for ex	xport to be er	nple	
	by stations u If "YES", attac	nder the juris h as EXHIBIT	used for the exclusiv diction of a foreign No th mment concerned.	government?		NO			-	
9.	by stations u If "YES", attac name of the Is this author cation is not If "YES", attac	nder the juris h as EXHIBIT foreign gover ization to be the objective h as EXHIBIT	diction of a foreign No th	government? YES he following in communications ect). YES narrative state	IS formation essention Moment p	NO ion: Provide the o al to a research p NO provding the follo	contract r	number and t The radio com	he	
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14.	Is the equ	uipment listed in I	tem 13 capable of sta	tion identification purs	uant to Section 5.152?	YES	Ţ	Ю
15.	Will the more tha than a bu	n 6 meters above 1	ore than 6 meters at the building, or will	bove the ground, or if m the proposed antenna b YES X NO	nounted on an existing e mounted on an exis	g building, ting structu	will it ire ot	t exte her
			(see instruction 9): ound to tip of anteni	met	Ars			
				nean sea level is				
						kilomet	ers.	
	the op	ny natural formation binion of the application autical hazard of t	ant, would tend to s	-made structures (hills, t hield the antenna from	trees, water tanks, tov aircraft and thereby	wers, etc.) w minimize	rhich, the	in
	(e) Submit	t as EXHIBIT No glving heights in	meters above groun	al profile sketch of tot d for all significant fea	al structure including atures. Clearly indicat	; supporting	g build	iing,
<b>`</b>	noting	particulars of avi	ation obstruction lig	hting already available.	•			
.6.	Applicant	is (Check only one	boxi		•			
		VIDUAL 🗌 AS	SOCIATION [	PARTNERSHIP	CORPORATION			
	🗆 отне	R (describe below)						
				•				
				·····				-
17.	Is applican	nt a foreign gover:	nment or a represent	tative of a foreign gove	ernment?	🗌 yes	X	NO
18.				d any FCC station licen: by this Commission?	se or permit revoked	or had any	7	···-·
		-		tatement giving call sig	n of license or permi	T YES	X	NO
		nd relate circumst						
19.	Will applie	cant be owner and	l operator of the stat	lon?		Y YES		NO
	Give name to this app		ne number (include	area code) of person w	ho can best handle in	quiries per	tainin	g
	Larry		2-4367					
21.		T ANTI-DDUC AD	ISE CERTIFICATION:		······································			
	By checkin denial of f 21 U.S.C. 86 association	ng "YES", the applic rederal benefits, the 2, or, in the case of ), no party to the s	ant certifies that, in nat includes FCC ben f a non-individual a applicant is subject t	the case of an individu efits, pursuant to Sectio applicant (e.g., corporatio o a denial of federal be these purposes, see 47 Cl	n 5301 of the Anti- D: n, partnership, or oth enefits, that includes 1	rug Abuse ler unincor FCC benefi	Act of porate	' 1988 d 'suan
<u> </u>						YES YES		NO
22.	List below	all exhibits in nu	merical sequence and	i the item number of fo	orm requiring the ext	hibit identii	f <b>ied.</b>	
EXHIB	IT NUMBER	ITEM NO. OF FORM	EXHIBIT NUMBER	item NO. of form	EXHIBIT NUMBER	ITEM N	io. Of fo	RM
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## 28. CERTIFICATION:

### Attention: Read this certification carefully before signing this application.

## THE APPLICANT CERTIFIES THAT:

- (a) Copies of FCC Rule Parts 2 and 5 are on hand; and
- (b) Adequate financial appropriations have been made to carry on the program of experimentation which will be conducted by qualified personnel; and
- (c) All operations will be on an experimental basis in accordance with Part 5 and other applicable rules, and will be conducted in such a manner and at such a time as to preclude harmful interference to any authorized station; and
- (d) Grant of the authorization requested herein will not be construed as a finding on the part of the Commission:
  (l) that the frequencies and other technical parameters specified in the authorization are the best suited for the proposed program of experimentation, and
  - (2) that the applicant will be authorized to operate on any basis other than experimental, and
  - (3) that the Commission is obligated by the results of the experimental program to make provision in its rules including its table of frequency allocations for applicant's type of operation on a regularly licensed basis.

#### APPLICANT CERTIFIES FURTHER THAT:

- (e) All the statements in the application and attached exhibits are true, complete and correct to the best of the applicant's knowledge; and
- (f) The applicant is willing to finance and conduct the experimental program with full knowledge and understanding of the above limitations; and
- (g) The applicant waives any claim to the use of any particular frequency or of the electromagnetic spectrum as against the regulatory power of the USA.

	Signed and dated this _		Third	0	day of	April	, 19 <u> </u>	5
	Name of Applicant	1/A-C	OM, Inc.					
		•	l 🖬	ust correspon	d with name giv	von on page 11		
	By JOHN V	AU	SHAN	·		all		
	i,	printl			$\mathcal{V}$	(ignature)		
	Title Vice Pre	lsi	dent					
Ch	eck appropriate classific	ation:						
	Individual applicant		Member of app	olicant parts	nership			
X	Authorized employee		Office of applie	cant corpor	ation or assoc	elation		

WILLFUL FALSE STATEMENTS MADE ON THIS FORM ARE PUNISHABLE BY FINE AND/OR IMPRISONMENT (U.S. Code, Title 18 Section 1001), AND/OR REVOCATION OF ANY STATION LICENSE OR CONSTRUCTION PERMIT (U.S. Code, Title 47, Section 312(a)(1), AND/OR FORFEITURE (U.S. Code, Title 47, Section 503).

> NOTIFICATION TO INDIVIDUALS UNDER PRIVACY ACT OF 1974 AND THE PAPERWORK REDUCTION ACT OF 1980

Information requested through this form is authorized by the Communications Act of 1934, as amended, and specifically by Section 308 therein. The information will be used by Federal Communications Commission staff to determine eligibility for issuing authorizations in the use of the frequency spectrum and to effect the provisions of regulatory responsibilities rendered the Commission by the Act. Information requested by this form will be available to the public unless otherwise requested pursuant to 47 CFR 0.459 of the FCC Rules and Regulations. Your response is required to obtain this authorization.

THE FOREGOING NOTICE IS REQUIRED BY THE PRIVACY ACT OF 1974, P.L. 93-579, DECEMBER 31, 1974, 5 U.S.C. 552a(e)(3), AND THE PAPERWORK REDUCTION ACT OF 1980, P.L. 98-511, DECEMBER 11, 1980, 44 U.S.C. 3507.