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

L Applicant's Name and Post Office address			DO NOT WRITE IN THIS BLOCK			
(Street address	city, state, ar	id ZIP Code. See	instruction	File Na		
MOBILE TELESYSTEMS INC 205 PERRY PARKWAY			0142-EX-PL-2001			
				01 12 12 12 2001		
GAITHE	ERSBURG,	MD 20	2877			
			•			
D. Application for	or (check on)	у ове рок)		21). For Modific	ation indicate below:	
New station		ication of existing t		Pile No:	Call S	
Application for placement to ind	Modification: licate whethe	Check the box or the change is	beside all part an addition of	liculars to be mod rareplacement o	ified. Check either a C parameters in the	ddillen er re- current authorization.
FREQUENCY -	(	JEMISSION -	ſ	DPOWER -	LOCA	TION -
] addition or [] r	epizcement?	addition or [	] replacement?	addition or	replacement?   ad	dition or replacement?
		· · · · · · · · · · · · · · · · · · ·				
Particulars of 0	peration (see	instruction belo	w) .			
Frequency Istale Acthor Allz or MH2	•	POWER		EMISSION	MODULATING SIGNAL	NECESSARY BANDWIDTH (KHz)
26,5 TO	.3 w	15 d Bw	Peak	(Đ	(F)	(5)
1660,5 MHZ		75 454	PEAR	<u> </u>	4.8 Kbps AMBE	10 K#z (MV)
626.5 70						·
1660,5 MHZ	4 W	26 dBw	DexK		24 Klaps O-O.R.	K ZOKHZ (M
<del></del>						
N List each fre	quency or fr	equency hand s	eparately. (If	nore space is rec	alred, stiach as EXHI	DIT No.
S). Insert maxin	num R.P. outp	it power at the	transmitter to	rminals. Specify	units	
nixem treani C. units.	num effective	redisted power	L.(Low the ev.	tenna (if pulsed e	mission, specify pea	k powerl Specify
i) Insert "MEA!	V or "PEAK" (	See definitions	in Part 51			
i List each typ	of emission	separately for	each frequen	cy. (See Section 2	201 of FCC Rules	
f) Insert as app					•	
		Reying in band ating frequency			•	•
(3) Trequency	y deviation o	f carrier;	-			
	to bas notes		t- the mee	andad Valer		
5) Describe hor	w the necessa		vas determina	d in space provid		C Form 442 - Page 2
Your	er Spect	ral Densi	Ty Func	Tion (PSD.	F)	March 1996
( - 20 ag	C AP: ==	e to the	MAIN LOO	BE FOR /F-	Fc/> 5* 6	
OCT 11 . 9	ь 15:0 <b>3</b>				FCC Info I	line PAGE 004

	FIXED/BASE	MOBILE	BASE AND MOBIL	LE
s.jb). If po State	ermanently located a	t a PIXED location, give below:	operation	lescribe the exact area of
			Trans	PORTABLE INVLARSA
Number :	and street (or other)	Indication of location)	M4(d	portable Invivarsi (ual channel)
5,5XV. Erk	er geographical coordianse	s exact to the nearest second (see instruction 10	, ,	nical poordinates of the appreximate peration (see instruction 10)
North Latitu	ude (CO-MM-SS)	West Longitude (QQ-MM-SS)	North Latkuda	West Longitude
· · · · · · · · · · · · · · · · · · ·		0 ' "	, ,	<b>"</b> 0 ' "
51d). Dati	um (see Instruction 1	0):	□ NAD 89	
			□ мо	
	EST, give the following	ng information: recs at the helf-power point /8°		
	_	tal plane (c) Orie	ntation in vertical	Dlane
	is authorization to be ad States Governmen	used for fulfilling the requirement of YES	a government contr	ract with an agency of the
	ES", attach as EXHIBI cy and contact numi	I Noe narrative stateme per.	nt describing the g	overnment project
E. Is the by st	is authorization to be lations under the jur	s used for the exclusive purpose of deve isdiction of a foreign government?		ment for export to be employed
lt "Y	ES", attach as EXHIBI e of the foreign gov	No the following infor	Mation: Provide the	contract number and the
		s used for providing communications es	sential to a research	project? (The radio communi-
L A	ES, attach as EXHIB	T No a narrative stateme	nt provding the fo	llowing information:
A (d)	showing that the o	nature of the research project being con communications facilities requested are in the communications facilities are inadeq	ecessary for the re-	search project involved.
	,			
In de	etali the following:	ns 7, 8, and 9, are "NO", attach as EXHIBIT n of research and experimentation prop		_
8	and theory of operati			
(c) }	low the program of	experimentation has a reasonable promi on of the radio art or is along line not		
		e length of time that will be required to	complete the progr	ram of experimentation proposed
(P) IL	this application: less than 2 years, giv ill be required:	ve the length of time in months that the	e authorization requ	iested in this application
		rant of this application come within Sec	tion 11307 of the PC	C Rules such that it may have a
		utal impact (see instruction II)?		D'no
IL.	YES, attach as EXH	ibit, no surface of Englishme		<del></del>
	st below transmitting ANUFACTURER	equipment to be installed (if experime MODE. A		NO. OF UNITS
GL	ocom Corp	Gemini		4
	1	Inners	AT MY	•
				FCC Form 442 - Page 3

I. 317111 • >	Hette traced in instit				
Mill the ant more than 6 than a build	inerers and at rife	edicing, or will fue	the ground, or if mo proposed antenna be	unted on an existing b mounted on an existing	ullding, will it exten
ir "YES", give (a) Overall i	e the following (se telent above groun	ee instruction 9):	s mete	rs	
			sea level is		
		landing area is			kilometers
the opini	natural formations on of the applican ical hazard of the	it, would tend to shie	de structures (hills, tr	ees water tanks tower alroraft and thereby m	rs.etcl which in inimize the
is any, g	iving heights in n	purced exode states	profile sketch of tou for all significant fea ng already available.	il structure including s tures, Clearly Indicate	supporting building, existing pertion,
is. Applicant is	Clineck only one b	osl			
[] INDIVI	DUAL ASS	OCIATION	PARTNERSHIP	CORPORATION	
	_	_		<u> </u>	
☐ OTHER	(describe in space	provided below)			
			``		
17. Is applicant	a foreign govern	meni or a representa	uve of a foreign gov	ernmani?	YES D-NO
		· · · · · · · · · · · · · · · · · · ·	<u> </u>		
19. Has application	for permit, license	e of tepeman denied ; tura abbucación usu	by this Commission?	se or permit revoked o	YES W NO
	ach as EXHIBIT No ad relate circumsta		tement giving call sign	n of license or permit	טא פט די
E. Will applic	ant be owner and	operator of the static	on?		YES NO
(X). Give name who can be	title, and telephonesi handle inquirie	ne number (include a s pertaining to this a	rea code), and Interne	l e-mail address (if app	plicable) of person
Do	uc Thon	/a.4-0	ຄ	<del></del>	
ADDI ICANT	ANTI-DRUG ABUSI	WES DIE	лестол -0 репл	77043	
			es that he en she le e	ligible for this license.	Thir requires that
	s not subject to a	denial of federal bon	effix, including FCC b	enefils, as a result of e	drug offense
By checks he or she i	2 Tot server, in a			21 U.S.C. 882 A mon- 19	tranifora laubhelba
By checks he or she i conviction	parsuant to Section	n 6301 of the Anti- D	THE ADUST ACT OF 1968	an that we wante to the	naralisation in
By checking he or she is conviction ag, corporation subject to	parsuant to Sectio ation, partnership a denial of federal	or other unincorporat	ted association, certif	es that no party to the inition of a "party" for	e application is
by checking he or she is conviction as, comport	parsuant to Sectio ation, partnership a denial of federal	or other unincorporat	ted association, certif	es that no party to the	e application is
By checking he or she is conviction ag, corpor subject to see 47 CFR	parsuant to Sectionation, partnership a denial of federal 12002(b).	or other unincorporation benefits, pursuant a	ted association, certiff o that socilon. For def	es that no party to the inition of a "party" for	e application is these purposes.
By checking he or she is conviction ag, corport subject to see 47 CFR	parsuant to Sectionation, partnership a denial of federal 12002(b).	or other unincorporation benefits, pursuant a	ted association, certiff o that section. For def the item number of	es that no party to the inition of a "party" for form requiring the ext	e application is these purposes.  YES NO
By checking he or she is conviction a.g., corport subject to see 47 CFR	parsuant to Sectionation, partnership a denial of federal 12002(b).  all exhibits in numerical times with the section of the s	or other unincorporation benefits, pursuant a	ted association, certiff o that socilon. For def	es that no party to the inition of a "party" for	e application is these purposes.
By checking he or she is conviction ag, corport subject to see 47 CFR	parsuant to Sectionation, partnership a denial of federal 12002(b).	or other unincorporation benefits, pursuant a	ted association, certiff o that section. For def the item number of	es that no party to the inition of a "party" for form requiring the ext	e application is these purposes.  YES NO
By checking he or she is conviction a.g., corport subject to see 47 CFR	parsuant to Sectionation, partnership a denial of federal 12002(b).  all exhibits in numerical times with the section of the s	or other unincorporation benefits, pursuant a	ted association, certiff o that section. For def the item number of	es that no party to the inition of a "party" for form requiring the ext	e application is these purposes.  YES NO
By checking he or she is conviction a.g., corport subject to see 47 CFR	parsuant to Sectionation, partnership a denial of federal 12002(b).  all exhibits in numerical times with the section of the s	or other unincorporation benefits, pursuant a	ted association, certiff o that section. For def the item number of	es that no party to the inition of a "party" for form requiring the ext	e application is these purposes.  YES NO
By checking he or she is conviction a.g., corport subject to see 47 CFR	parsuant to Sectionation, partnership a denial of federal 12002(b).  all exhibits in numerical times with the section of the s	or other unincorporation benefits, pursuant a	ted association, certiff o that section. For def the item number of	es that no party to the inition of a "party" for form requiring the ext	e application is these purposes.  YES NO

## 23 CERTIFICATION:

Attention: Read this certification carefully before signing this application.

THE APPLICANT CERTIFIES THAT:

- (a) Copies of PCC Rule Parts 2 and 5 are on hand; and
- (b) Adequate Chanolal 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 Parl 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:
  - (I) that the frequencies and other technical parameters specified in the authorization are the best sulted for the proposed program of experimentation, and
  - (2) that the applicant will be authorized to operate on any basis other than experimental, and
  - (6) 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 painst the regulatory nower of the IRA

aferrat the tof muse. I be not or the east	
Signed and dated this 15 74 day of May	
Name of Applicant MOBILE TELESYSTEMS FIXE.	
lnest correspond with name given on page 11	,
By I Doublas Thomas Moceglas	Mona
(print) Asignature?	
Tille DIVECTOR - OPERATIONS	
Check appropriate classification:	
Individual applicant	
Authorized employee Office of applicant corporation or association	
INILIFUL FALSE STATEMENTS MADE ON THIS FORM ARE PUNISHABLE BY FINE AND/OR IMPRISONMENT (III) Section 1001), AND/OR REVOCATION OF ANY STATION LICENSE OR CONSTRUCTION PERMIT (U.S. Consection 3125x1), AND/OR FORFEITURE IU.S. Code, Title 47, Section 603).	

## 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 1994, as amended, and specified by Section 808 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 by 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.

Public reporting burden for this collection of information is estimated to average four (4) hours per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding this burden estimate or any other aspect of this collection of information, including suggestions for reducing the burden to the Federal Communications Commission, Records Management Dranch, Paperwork Reduction Project (3060-0065), Washington, DC 20554. DO NOT send completed applications to this Individuals are not required to respond to this collection unless it displays a currently valid DMB control number.

"HE FOREGOING NOTICE IS REQUIRED BY THE PRIVACY ACT OF 1974, P.L. 93-579, DECEMBER 31, 1974, 5 U.S.C., 5522(6)(6), AND THE PAPERWORK REDUCTION ACT OF 1980, PL 98-611, DECEMBER 11, 1980, 44 U.S.C. 3507.

> FCC Form 442 - Page 5 March 1996