APPROVED BY OMB 3060-0065 Expires 12/31/95

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

- -		Office address and ZIP Code. Se	DO NOT WRITE IN THIS BLOCK File No.					
No. 4)	and order, business			> 4 44.	~ ~ ~			
	kay Commun		4826-EX-ML-95					
). Box 7819			1020		, -		
Raritan Center 300 Columbus Circle								
Edi	ison, N.J.	08818						
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2(a). Application		nly one box)		l	tion indicate belo	w:		
New station		dification of existing		File No.:		Sign: KF2XCK		
3. Application fo	or modification	indicate whet	her change is a	an addition or repla	cement of (check	all that apply)		
FREQUENCY	EMI	SSION	POWER	LOCAT	10N			
OTHER PART	ICUI ARS (describe	below or in attache	ad FXHIRIT No.)				
		oment to lice						
		·						
4. Particulars of	Operation (see	•	ow)		MODULATING	NECESSARY BANDWIDTH		
whether kHz or MHz)		POWER		EMISSION	SIGNAL	(KHz)		
(Δ)	(B)	(C)	D)	(E)	(F)	(G)		
1626.5 -		501 (ERP)		10KOG1D				
<u> </u>	·				 			
					+			
		-	-			BIT No)		
				minals. Specify un		k nower)		
(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).								
				y. (See Section 2.20)	of FCC Rules)			
		the type of mod						
		keying in baud ating frequency:						
	y deviation of		•					
(4) pulse duration and repetition rate.								
For complex emissions, describe in detail in the space provided below. (C) Describe how the processing bandwidth was determined in space provided below.								
(G) Describe how the necessary bandwidth was determined in space provided below.								

	FIXED/BASE		MOBIL	E		BASE AN	D MOBILE		
5(b). If per State	rmanently lo	cated at a	fixed location, City or To			5(d). If mobile, describe the exact area of operation			
Number and street (or other indication of location)				Within the USA and its Possessions					
5(c). Enter (geographical coor	diantes exact	to the nearest s	econd		1	• • •	oordinates of the approximate	
North Latitude	9	T	West Longitude			North Latitu		West Longitude	
0	•	"	0	•	"	0		" 0 "	
			than radar) u		. 6				
	give the fo	_		YES	26	NO		,	
		_	at the half-pov			ation in ve	rtical plane		
	uthorization States Gover		for fulfilling	the requirer		overnment NO	contract w	ith an agency of the	
	attach as EX						the govern	ment project,	
8. Is this a	uthorization	to be used	for the exclusion of a foreign		nt?	ing radio e	quipment fo	or export to be employed	
				☐ YES		NO			
			nt concerned.	the followin	g informat	lion: Provid	e the contra	act number and the	
cation is If "YES", (a) A des (b) A sho	attach as EX scription of to owing that the	ective of the control of the community o	he research pr	oject). YES a narrative h project belties requested	statement pling conduct	NO provding thed. sary for th	ne following	t? (The radio communi- information: project involved.	
in detail (a) The cand to (b) The so (c) How	the following the following the properties of operations of the program the pr	ng: gram of resertion. ctives sough of experin	search and ex	perimentation plished. a reasonable	n proposed promise of	including	description on to the de	tive statement describing of equipment evelopment, extension,	
	n estimate of application.		h of time that ears	will be requi	red to com	plete the p	rogram of e	experimentation proposed	
(b) If less		give the l	ength of time	in months th	nat the autl	horization i	requested in	this application	
will be									
2. Would		_		n come with			FCC Rules,	such that it may have a	
2. Would signific	ant environ	mental im		n come with	X	NO		such that it may have a	
Would signific if you a List bel MANUFA	eant environ answer "YES" low transmitt ACTURER	mental im	pact?	n come with YES al Assessment	X nt required erimental,	NO by Section		NO. OF 'INITS	
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14.	Is the eq	uipment listed in	Item 13 capable of st	ation identification purs	suant to Section 5.152?	X YES	□ NO
15.	Will the more that than a b	an c meters above	more than 6 meters a the building, or will	bove the ground, or if in the proposed antenna in the	oe mounted on an exi	ng building, sting struct	will it exterure other
	If "YES", (a) Overs	give the following	g (see instruction 9): round to tip of anten	na is me			
	(b) Eleva	tion of ground at	antenna site above	nean sea level is	meters.		
	(c) Distar	nce to nearest airc	eraft landing area is			kilomet	ers.
	the o	ny natural format pinion of the appl autical hazard of	icant, would tend to:	n-made structures (hills, shield the antenna from	trees, water tanks, to alrcraft and thereby	wers, etc.) v y minimize	vhich, in the
	if any	, giving heights in	n meters above group	cal profile sketch of to nd for all significant fe thing already available	atures Clearly indica	g supporting te existing	g building, portion,
16.	Applicant	is (Check only on	o box)			·····	
	☐ INDI	VIDUAL A	SSOCIATION	PARTNERSHIP	CORPORATION		
		R (describe below					
17.	Is applica	nt a foreign gover	rnment or a represen	tative of a foreign gov	ernment?	☐ YES	Mo No
18.	Has application	ant or any party n for permit, licen	to this application has or renewal denied	nd any FCC station licent it by this Commission?	se or permit revoked	or had any	NO NO
		itach as EXHIBIT I nd relate circumst		statement giving call sig	n of license or permi		
19.	Will appli	cant be owner an	d operator of the sta	tion?		X YES	□ no
	Give nam to this app			area code) of person w Masarik, Marketing (908)225-0909		-	aining
	By checki: denial of : 21 U.S.C. 86 association	ng "YES", the applifederal benefits, to, or, in the case of, no party to the	hat includes FCC ber of a non-individual a applicant is subject	n the case of an individual fields, pursuant to Section applicant (e.g., corporation to a denial of federal between these purposes, see 47 C.	n 530i of the Anti-D n, partnership, or oth enefits, that includes	rug Abuse . ner unincorp	Act of 1988, porated
22.	List below	all exhibits in nu	merical sequence an	d the item number of fo	orm requiring the ex	hibit identif	`led.
EXHIB	IT NUMBER	ITEM NO. OF FORM	EXHIBIT NUMBER	ITEM NO. OF FORM	EXHIBIT NUMBER	ITEM N	D. OF FORM
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23. 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:(i) 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:

Staned and dated this

- (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.

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Name of	Applicant	Mackay	Communications		
			laust correspond with nam	me given on page 71	
В у	Theresa	Masarik	/ Cherry	sa Masar	ih
	lpri	nt1	/	(signatur a)	
	Marketing/Sa	_	or		
Individ	ual applicant	Member of	applicant partnership		
Authori	zed employee	Office of ap	plicant corporation or	association	
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. 96-511, DECEMBER 11, 1980, 44 U.S.C. 3507.

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