FCC AUTHORIZATION APPLICATION
FOR USE OF ARGOS PTTs

To assist you in completing the FCC Application for New or Modified Radio Station Authorization, Telonics has supplied part of a sample application.

Be sure to complete and return only the original application to the Federal Communications Commission, in accordance with their general instructions.

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

1. Applicant's Name and Post Office address
   (Street address, city, state, and ZIP Code. See Instruction No. 4)

DO NOT WRITE IN THIS BLOCK

File No.

2(a). Application for (check only one box)

☐ New station ☐ Modification of existing authorization

2(b). For Modification indicate below:

File No.: _____ Call Sign: _____

3. Application for modification indicate whether change is an addition or replacement of (check all that apply)

☐ FREQUENCY ☐ EMISSION ☐ POWER ☐ LOCATION

☐ OTHER PARTICULARS (describe below or in attached EXHIBIT No. _____)

4. Particulars of Operation (see Instruction below)

Frequency (state whether kHz or MHz) (A)	POWER			EMISSION (E)	MODULATING SIGNAL (F)	NECESSARY BANDWIDTH (KHz) (G)
	(B)	(C)	(D)			
401.650 MHz	30-33dbm	NOTE 1	Peak	G1D	(1) 400 baud (bits/sec)	3k80*
					(3) 1.1 radians	
					(4) 360 msec-920 ms	
					40-200 sec rep period	
					* w/aging/mfg tolerance 6k60	

(A) List each frequency or frequency band separately. (If more space is required, attach as EXHIBIT No. _____)

(B) Insert maximum R.F. output power at the transmitter terminals. Specify units.

(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 2.201 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.

NOTE 1: Transmitters are used with omnidirectional antennas with gain of 0 dbd, 2.14 dbi

(G) Describe how the necessary bandwidth was determined in space provided below.

5(a). Proposed location of transmitter and transmitting antenna (check only one box)

☐ FIXED/BASE ☐ MOBILE ☐ BASE AND MOBILE

5(b). If permanently located at a fixed location, give below:			5(d). If mobile, describe the exact area of operation
State	County	City or Town	
Number and street (or other indication of location)			

5(c). Enter geographical coordinates exact to the nearest second		5(e). Enter geographical coordinates of the approximate center of proposed area of operation (mobile applications)	
North Latitude	West Longitude	North Latitude	West Longitude
o ' "	o ' "	o ' "	o ' "

6. Is a directional antenna (other than radar) used?
   If "YES", give the following information: ☐ YES ☒ NO
   (a) Width of beam in degrees at the half-power point _____
   (b) Orientation in horizontal plane _____ (c) Orientation in vertical plane _____

7. Is this authorization to be used for fulfilling the requirement of a government contract with an agency of the United States Government? ☐ YES ☐ NO

   If "YES", attach as EXHIBIT No. _____, a narrative statement describing the government project, agency and contact number.

8. Is this authorization to be used for the exclusive purpose of developing radio equipment for export to be employed by stations under the jurisdiction of a foreign government? ☐ YES ☐ NO

   If "YES", attach as EXHIBIT No. _____, the following information: Provide the contract number and the name of the foreign government concerned.

9. Is this authorization to be used for providing communications essential to a research project? (The radio communication is not the objective of the research project). ☐ YES ☐ NO
   If "YES", attach as EXHIBIT No. _____, a narrative statement provding the following information:
   (a) A description of the nature of the research project being conducted.
   (b) A showing that the communications facilities requested are necessary for the research project involved.
   (c) A showing that existing communications facilities are inadequate.

10. If all the answers to Items 7, 8, and 9, are "NO", attach as EXHIBIT No. _____, a narrative statement describing in detail the following:
    (a) The complete program of research and experimentation proposed including description of equipment and theory of operation.
    (b) The specific objectives sought to be accomplished.
    (c) How the program of experimentation has a reasonable promise of contribution to the development, extension, expansion, or utilization of the radio art, or is along line not already investigated.

11(a). Give an estimate of the length of time that will be required to complete the program of experimentation proposed in this application.

   (b) If less than 2 years, give the length of time in months that the authorization requested in this application will be required.

12. Would a Commission grant of this application come within Section 1.1307 of the FCC Rules, such that it may have a significant environmental impact? ☐ YES ☐ NO
    If you answer "YES", submit an Environmental Assessment required by Section 1.1311.

13. List below transmitting equipment to be installed (if experimental, so state):

MANUFACTURER	TYPE	NO. OF UNITS
TELONICS INC	TYPE #CM 10001–004	