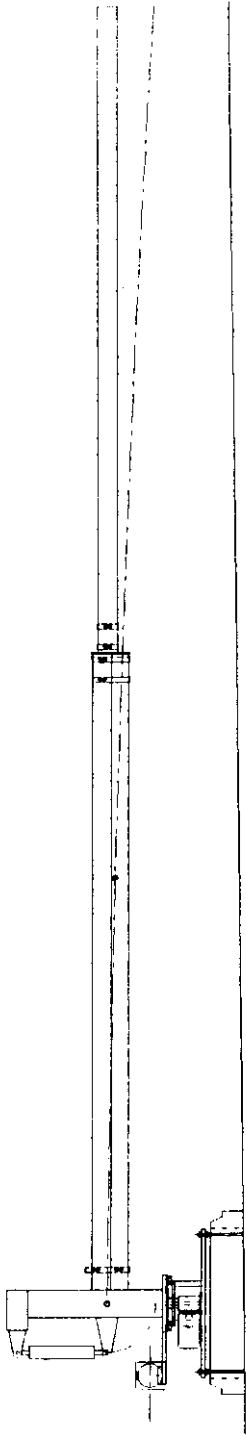
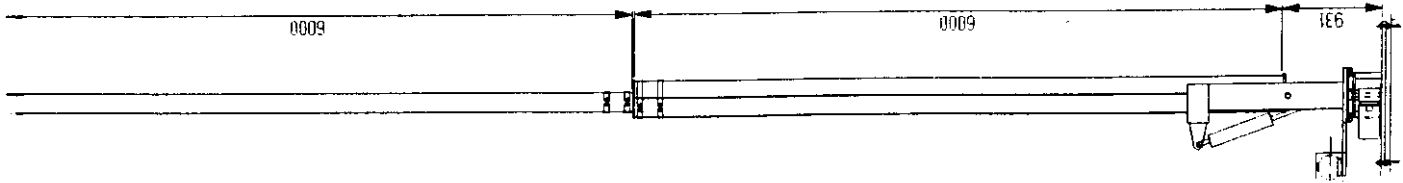


## **EXHIBIT 1**

- A. For research, development and verification of the radiation patterns of different types of antennas, both omni-directional and directional will be tested. The vertical plane will consist of both electrical downtilt and null fill.
- B. Verification of the actual performance of the antenna in free space.
- C. Previous research efforts, have given interesting results, among which is the ability to control the radiation pattern by use of electrical downtilt and null fill. We are also constantly trying to reduce the size of all antennas while not affecting the antenna performance.

EXHIBIT 2



Det.-nr	Ant.	Benämning	Material	Ant.-nr med Dimension	Ämn.
		<b>KURT PETTERSSON</b>	<b>RADIOVECTOR</b>		
		Bygg & Anläggningstrag AB	<b>MÄTSTATION</b>		
		Box 87	MITTIGARNAST		
		362 22 MONSTERAS	SAMMANSTÄLLNINGSGRUPPEN		
		TEL 0499 - 140 80			
		STAD 47			
		GRAND 40 A			
		ARBETSNUMMER			
		REOLIV			
					SKALA: 1:50

K01-01

Federal Aviation Administration  
Great Lakes Region, AGL-530  
2300 E. Devon, Rm 222  
Des Plaines, IL 60018

ACKNOWLEDGEMENT OF NOTICE OF PROPOSED CONSTRUCTION OR ALTERATION

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CITY STATE LATITUDE/LONGITUDE MSL AGL AMSL  
ROCKFORD IL 01-00-00.00 001-00-00.00 730 60 790  
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ANTEL INTERNATIONAL, INC.  
JANE DURGOM-POWERS  
4462 BOEING DRIVE  
ROCKFORD, IL 61109

AERONAUTICAL STUDY  
No: 97-AGL-0106-OE

Type Structure: 2-ANT MASTS

The Federal Aviation Administration hereby acknowledges receipt of notice dated 12/13/96 concerning the proposed construction or alteration contained herein.

A study has been conducted under the provisions of Part 77 of the Federal Aviation Regulations to determine whether the proposed construction would be an obstruction to air navigation, whether it should be marked and lighted to enhance safety in air navigation, and whether supplemental notice of start and completion of construction is required to permit timely charting and notification to airmen. The findings of that study are as follows:

The proposed construction would not exceed FAA obstruction standards and would not be a hazard to air navigation.

Obstruction marking and lighting are not necessary.

This determination expires on 10/16/98 unless application is made, (if subject to the licensing authority of the Federal Communications Commission), to the FCC before that date, or it is otherwise extended, revised or terminated.

If the structure is subject to the licensing authority of the FCC, a copy of this acknowledgement will be sent to that agency.

NOTICE IS REQUIRED ANYTIME THE PROJECT IS ABANDONED OR THE PROPOSAL IS MODIFIED

SIGNED *Georgene Mc Donough* Specialist, Operations Branch.  
Georgene Mc Donough (847) 294-7568  
ISSUED IN: Des Plaines, IL ON 04/21/97