

ADA # A023094

add *Gloster*

ACC	
BY	<input checked="" type="checkbox"/>
DD	<input type="checkbox"/>
UNCLASSIFIED	
DATE	
BY	
DIRECTOR OR AUTHORITY CODE	
DATE	
SPECIAL	
A	

by FORMANEK, V.C.

Technical Report #2
IITRI Project No. E6249
Contract N00039-73-C-0030

ELF ELECTROMAGNETIC FIELD EFFECTS
ON LIFE FORMS - BIBLIOGRAPHY

U.S. Naval Electronic Systems Command
Washington, D.C. 20360

Prepared by

IIT Research Institute
10 West 35 Street
Chicago, Illinois 60616

April 1976

DDC
RECEIVED
APR 16 1976
RECEIVED
D

IIT RESEARCH INSTITUTE

CLASSIFICATION
Approved for public release

UNCLASSIFIED

Security Classification

DOCUMENT CONTROL DATA - R & D

(Security classification of title, body of abstract and indexing annotation must be entered when the overall report is classified)

1. ORIGINATING ACTIVITY (Corporate author) III Research Institute 10 West 35 Street Chicago, Illinois 60616	2a. REPORT SECURITY CLASSIFICATION UNCLASSIFIED
	2b. GROUP

3. REPORT TITLE
ELF Electromagnetic Field Effects on Life
Forms - Bibliography

4. DESCRIPTIVE NOTES (Type of report and inclusive dates)
Bibliography

5. AUTHOR (Last name, first name, middle initial, last name)
V. C. Formanek

6. REPORT DATE April 1976	7a. TOTAL NO. OF PAGES 181	7b. NO. OF REFS 400
------------------------------	-------------------------------	------------------------

8. DISTRIBUTION STATEMENT NO. N00039-73-C-0030	9a. ORIGINATOR'S REPORT NUMBER(S) TR#2, IITRI Project No. E6249-TR-2
---	---

9b. OTHER REPORT NO(S) (Any other numbers that may be assigned this report) IITRI-E6249
--

10. DISTRIBUTION STATEMENT UNLIMITED DISTRIBUTION	DISTRIBUTION STATEMENT A Approved for public release; Distribution Unlimited
--	--

11. SUPPLEMENTARY NOTES	12. SPONSORING MILITARY ACTIVITY U.S. Naval Electronic Systems Command
-------------------------	--

11. ABSTRACT

During the course of a study, supported by an IITRI project with the Electric Power Research Institute, some 2300 references were identified which were then reduced to some 800 citations. With that as a starting point, this bibliography has been prepared to aid in the assessment of extremely low frequency biological research. This bibliography emphasizes the following areas:

- 1) AC electric and magnetic fields, biological effects between 45-75 Hertz;
- 2) AC electric and magnetic fields, alpha-rhythm interactions between 1-15 Hertz;
- 3) AC electric and magnetic field influences on patients with cardiac pacemakers;
- 4) Behavioral influences:
 - a) migration
 - b) orientation
 - c) sensing-detection

UNCLASSIFIED

Security Classification

KEY WORDS	LINK A		LINK B		LINK C	
	ROLE	WT	ROLE	WT	ROLE	WT
Bibliography Extremely Low Frequency Electric fields Magnetic fields Biology Alpha rhythm Cardiac pacemakers Behavior						

UNCLASSIFIED

Security Classification