

Glossary

ACRONYMS AND ABBREVIATIONS

A

acq acquisition
ACR armored cavalry regiment
ADA air defense artillery
AGB advance guard battalion
AM amplitude modulated
ant antenna
AR Army regulation
az azimuth

B

bn battalion
BTF battalion task force
btry battery
bw bandwidth

C

C³CM command, control and communications countermeasures
CDR commander
CEWOC Communications Electronic Warfare Operations Course
COP command and observation post
c/s call sign
CW continuous wave

D

DA Department of the Army
° degree(s)
DF direction finding
dist distance
DSSB double single sideband

E

ECM electronic countermeasures
elev elevation
ESM electronic warfare support measures
ET enemy transmitter
EW electronic warfare
EWS electronic warfare section
EWTL electronic warfare tasking list

F

f frequency
FLOT forward line of own troops

freq frequency
FTX field training exercise

G

G2 Assistant Chief of Staff, **G2** (Intelligence)
G3 Assistant Chief of Staff, **G3** (Operations and Plans)
GSR ground surveillance radar
GTA government training aid

H

HF high frequency
ht height
HTF how to fight

I

IEW intelligence and electronic warfare

K

km kilometer(s)
kHz kilohertz

L

loc location
LOS line of sight
LPA log periodic array

M

m meter(s)
mag magnetic
MHz megahertz
MI military intelligence

N

NCS net control station
no number

P

pri priority
pwr power

R

recon reconnaissance
REDTRAIN readiness training
RX target receiver

S

S3 Operations and Training officer (US Army)

SIJ signal initiated jamming
SOP standing operating procedure
SSB single sideband

T

TA target acquisition
TXSC Training Support Center
TC training circular
TCAE technical control and analysis element
tgt target
TM technical manual
tr target receiver

TRADOC United States Army Training and Doctrine Command .
TTP tactics, techniques, and procedures

U

US United States (of America)
USAISD United States Army Intelligence School, Fort Devens
USATSC United States Army Training Support Center

V

VHF very high frequency

DEFINITIONS

asset management the planning, directing, and controlling of individual intelligence collection, and EW resources necessary for the accomplishment of the mission

combat information unevaluated data gathered by or provided directly to the tactical commander because of its highly perishable nature or the criticality of the situation

communication intelligence technical and intelligence information derived from foreign communications by other than intended recipients

deception measures designed to mislead the enemy by manipulation, distortion, or falsification of evidence to induce the enemy to react in a manner prejudicial to the enemy's interests

direct support a mission requiring a force to support another specific force and authorizing it to answer

directly to the supported force's request for assistance

D_j jammer location-to-target receiver location distance in km

D_t enemy transmitter location-to-target receiver location distance in km

ECM that division of EW involving actions taken to prevent or reduce an enemy's effective use of the electromagnetic spectrum

electronic counter-countermeasures that division of EW involving actions taken to ensure our own effective use of electromagnetic radiations despite the enemy's use of countermeasures

electronic deception the deliberate radiation, reradiation, alteration, suppression, absorption, denial, enhancement, or reflection of electromagnetic energy in a manner intended to convey misleading information and to deny valid information to an enemy or to enemy electronics-dependent weapons

ESM that division of EW involving actions taken under the direct command of & operational commander to search for, intercept, identify, and locate sources of radiated electromagnetic energy for the purpose of immediate threat recognition

EW electronic warfare military action involving the use of electromagnetic energy to determine, exploit, reduce, or prevent hostile use of the electromagnetic spectrum, and action which retains friendly use of the spectrum

general support that support which is given to the supported force as a whole and not to any particular subdivision thereof

H_j elevation of the jammer location above the sea level in meters

h_t elevation of the enemy transmitter location above the sea level in meters

intelligence the product resulting from the collection, processing, integration, analysis, evaluation, and interpretation of available information concerning foreign countries or areas

J jammer

jamming the deliberate radiation, reradiation, or reflection of electromagnetic energy for the purpose of disrupting enemy use of electronic devices, equipment, or systems

JAMPOT fan jammer power output map overlay-template

K number 2 for jamming FM type receivers

n terrain and ground conductivity factor

n=2 level terrain with good ground conductivity

n=3 rolling hills with good ground conductivity

n=4 moderately rough terrain with fair to good ground conductivity

n=5 very rough terrain with poor ground conductivity

P_j minimum amount of jammer power output required in watts

P_t power output of the enemy transmitter in watts