

TREASURY DEPARTMENT
U. S. COAST GUARD
OFFICIAL DISPATCH

OSU

TRANSMIT

7-12

DATE 16 JUNE 1950

FROM	COMMANDANT(EEB)	SECRET
TO (FOR ACTION)	CDR 14TH CG DISTRICT (EEB)	CONFIDENTIAL
		RESTRICTED
		URGENT
		PRIORITY
		X ROUTINE
		DEFERRED
		MAILGRAM
		ACKNOWLEDGE
TO (FOR INFORMATION)		URGENT
		PRIORITY
		ROUTINE
		DEFERRED
		MAILGRAM
		ACKNOWLEDGE
MAIL TO		
TELEPHONE TO		
MESSENGER TO	ECV OSU ✓ UAN L	

OUTGOING HEADING

161448

TEXT

REF YOUR DISPATCH 132130Z ACTION HAS BEEN TAKEN TO ACQUIRE LORAN SITES X SEE TO SEE LAYOUT
 YOUR DWG FOURTEEN DASH WAKE DASH ZERO ZERO TWO APPROVED BUT BELIEVE LOW SIGNAL STRENGTH
 BASED ON YOUR LATE ELECTRONICS REPORT AT WAKE ISLAND WARRANTS EXCEPTIONAL REARRANGEMENT
 ALONG FOLLOWING LINES FOR REASONS GIVEN WITH EACH X LORAN TRANSMITTING BUILDING MAY
 RERADIATE LOCAL TRANSMITTER SIGNAL AND BEING SO CLOSE TO COMB MAY CAUSE DISTORTION IN
 RECEIVED SIGNAL IN COMB X DUAL COMB ARRAY COULD BE ERRECTED ON BASE LINE BY CUTTING
 PRESENT COMB AT NINTH ELEMENT COMMA MOVE EIGHT NORTH ELEMENTS AND BUILDING SECOND NINE
 ELEMENTS EAST OF AND PARALLEL TO PRESENT ARRAY X SINGLE VERTICAL RECEIVING ANTENNA COULD
 BE IMPROVED BY APPROXIMATELY 20% IN ELIMINATING LAND ATTENUATION BY MOVING ITS SITE WEST OF
 GROUND SYSTEM AND LOCATING NEAR SOUTH SHORE X CHANGE OF COMB REQUIRES ADDITIONAL LAND X
 ADVISE PRACTICABILITY OF PROCURING ADDITIONAL LAND EAST OF PRESENT SITE X IF COMB NOT YET
 CONSTRUCTED A SOMEWHAT LARGER AREA THAN SUGGESTED ABOVE COULD ACCOMMODATE DUAL COMB LOCATED
 STILL FURTHER AWAY FROM OTHER OBJECTS AND BUILDINGS X ADVISE IF ADDITIONAL LAND PROCURE-
 MENT EASTWARD FOR THIS CONDITION PRACTICABLE

JUN 16 1950

LAWRENCE M. HARDING, CAPT, USCG
INITIALS OF RELEASING OFFICER
Div.

TOD- 161448 # 20 NC16-50
OPERATOR'S RECORD

MR. E. A. GOODWIN
OFFICE OF ORIGIN:

EEB-nl GPO DSO 3-186

TIME RELEASED:

3871(9)