

## Message Text

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TO AMEMBASSY COPENHAGEN

INFO AMEMBASSY OSLO

AMEMBASSY LONDON

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SECDEF

COMDT COGARD

CINCUSNAVEUR LONDON UK

CNO WASH DC

COMNAVELECSYSCOM WASH DC

JCS-OSD/ISA WASH DC

C O N F I D E N T I A L STATE 244838

E.O. 11652: ADS UPON HOST COUNTRY APPROVAL

TAGS: ETEL, MARR, DA, FO

SUBJECT: CLARINET PILGRIM

REFS: (A) COPENHAGEN 2948 DTG 031540Z SEP 76

(B) SECSTATE 139562 DTG 140014Z JUN 75

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SUMMARY: REF A REQUESTED AUTHORIZATION TO PRESENT A NOTE TO

DANISH GOVERNMENT USING THE LANGUAGE IN REF B. IN VIEW OF APPARENT DANISH WILLINGNESS TO CONSIDER PROPOSAL FOR INSTALLATION OF CLARINET PILGRIM AT FAEROES, THE TEXT BELOW IS PROVIDED. CERTAIN ASPECTS OF LANGUAGE IN REF B HAVE BEEN UPDATED IN TEXT PROVIDED. END SUMMARY.

1. NORWEGIAN CONSIDERATION IS COMPLICATED BY HELLEBUST AFFAIR AND BY NORWEGIAN DESIRE FOR CLARINET PILGRIM CHANNEL FOR EXCLUSIVE NORWEGIAN MILITARY USE. GIVEN THESE CONSIDERATIONS, AND THE FACT THAT NORWAY IS ENTERING AN ELECTION YEAR, IT IS DIFFICULT TO PREDICT WHEN A DECISION BY THE NORWEGIAN GOVERNMENT WILL BE MADE.

2. IN VIEW OF PARA 1 REF A AND DELAY IN NORWEGIAN APPROVAL, TEXT IN PARA 3 BELOW IS PROVIDED FOR FORMAL SUBMISSION TO

DANISH GOVERNMENT. ADVANCE NOTICE OF INTENDED FORMAL SUUMISSION SHOULD BE AFFORDED TO OTTO GREDAL, HEAD OF DANISH NAVIGATION AND HYDROGRAPHIC ADMINISTRATION. EMBASSY IS REMINDED THAT PROPOSED INSTALLATION OF CLARINET PILGRIM IS CLASSIFIED CONFIDENTIAL UNTIL APPROVAL TO INSTALL IS RECEIVED FROM EACH HOST NATION.

3. BEGIN TEXT

TRANSMITTING STATIONS OF THE LORAN-C RADIONAVIGATION SYSTEM ARE NOW OPERATING IN NORTHATLANTIC REGION, IN NORWAY AT JAN MAYEN AND BO, IN ICELAND AT SANDUR, IN WEST GERMANY AT SYLT AND IN DENMARK AT EDJE (FAEROES). STATIONS ALL OPERATE ON FREQUENCY OF 100 KHZ IN ACCORDANCE WITH INTERNATIONAL REGULATIONS AND AS AGREED IN BILATERAL AGREEMENTS BETWEEN RESPECTIVE COUNTRIES AND UNITED STATES. THESE STATIONS ARE CURRENTLY UTILIZED FOR NAVIGATIONAL AND TIME DISTRIOUTION OR SYNCHRONIZATION PURPOSES. A SYSTEM, NOW REFERRED TO AS CLARINET PILGRIM, HAS BEEN IN USE IN THE NORTHWEST PACIFIC LORAN C CHAIN SINCE 1968. IT WAS PREVIOUSLY TESTED EXPERIMENTALLY IN THE NORTH ATLANTIC REGION AND WOULD PROVIDE A CAPABILITY TO RELAY THE U.S. FLEET BROADCAST. EXPERIENCE IN THE PACIFIC AND TESTS CONDUCTED AT THE COAST GUARD FACILITY IN WILD-CONFIDENTIAL

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WOOD, NJ HAVE CONFIRMED THAT OPERATION OF THE CLARINET PILGRIM SYSTEM HAS NEITHER INTERFERED WITH NOR DEGRADED THE NAVIGATIONAL USE OF LORAN-C. FURTHERMORE THERE HAVE BEEN NO REPORTS OF INTERFERENCE TO OTHER COMMUNICATION SERVICES. EXISTING FLEET BROADCAST FACILITIES DO NOT CURRENTLY PROVIDE SUFFICIENT COVERAGE IN ALL OCEAN AREAS. BY INTEGRATING CLARINET PILGRIM INTO THE EXISTING NORWEGIAN SEA LORAN-C CHAIN, ADDITIONAL COVERAGE CAN BE

PROVIDED WITHOUT THE NEED TO CONSTRUCT NEW LOW FREQUENCY, HIGHPOWER TRANSMITTING FACILITIES. THEREFORE, BY EMPLOYING CLARINET PILGRIM, MORE EFFICIENT AND ECONOMICAL USE OF RADIO FREQUENCY SPECTRUM CAN BE REALIZED. COMMUNICATIONS CAN BE APPLIED SO AS NOT TO CHANGE NAVIGATION CAPABILITY OF SYSTEM. OBLIGATION NOT TO CAUSE HARMFUL INTERFERENCE TO OTHER SERVICES IN SAME OR ADJACENT FREQUENCY BANDS WOULD REMAIN UNCHANGED. PROVISION OF INTER STATION (LORAN-C) COMMUNICATIONS IS DEPENDENT UPON APPROVAL BY OTHER HOST NATIONS BUT COULD BE PROVIDED FOR MUTUAL BENEFIT OF BOTH DENMARK AND UNITED STATES. CLARINET PILGRIM EQUIPMENT CAN BE ACCOMMODATED IN EXISTING SPACE WITH NO INCREASE IN PERSONNEL REQUIRED. NO NEW BUILDINGS OR ANTENNA ARE REQUIRED AND CLARINET PILGRIM DOES NOT REQUIRE ANY INCREASE IN TRANSMITTED POWER. IN ORDER TO PROVIDE OPTIMUM CLARINET PILGRIM COMMUNICATION SERVICE IN THE NORTH ATLANTIC

REGION, PILGRIM INSTALLATIONS WOULD BE MADE IN NORWAY AT BO AND JAN MAYEN, IN ICELAND AT SANDUR AND IN DENMARK AT EDJE (FAEROES). WE HAVE SOUGHT AND RECEIVED APPROVAL FOR INSTALLATION AT SANDUR. APPROVAL BY GOVERNMENT OF NORWAY HAS BEEN REQUESTED AND IS EXPECTED IN DUE COURSE. IN ORDER TO COMPLETE CLARINET PILGRIM PLANNING, WE REQUEST YOUR AUTHORITY TO INSTALL CLARINET PILGRIM EQUIPMENT AT THE LORAN-C STATION LOCATED AT EDJE IN THE FAEROES. EDJE PERSONNEL WILL BE TRAINED IN THE OPERATION AND MAINTENANCE OF CLARINET PILGRIM AT THE STATION AT US EXPENSE SHOULD THIS SYSTEM BE INSTALLED. END TEXT.  
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## Message Attributes

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