

Sylt file  
[redacted]

Memorandum of Understanding  
on the Installation of a LORAN-C Transmitting Station  
on the Isle of Sylt (Schleswig-Holstein)

This memorandum delineates the responsibilities of the authorities of the Federal Republic of Germany (Deutsche Bundespost) and of the United States of America (U.S. Coast Guard) with reference to construction and outfitting of a LORAN-C transmitting station on the Isle of Sylt.

**1. General**

The installation which is the subject of this memorandum will provide a LORAN-C transmitting station on the Isle of Sylt. In general, the United States of America will provide the electronic equipment, install, test, calibrate the equipment, and provide design information peculiar to a LORAN-C station. The Deutsche Bundespost will construct the station. A separate agreement is to be concluded between the Federal Transport Ministry and the U.S. Coast Guard concerning future responsibility relative to the station's operation.

**2. Site Selection**

Selection of the site for the station has been accomplished by Federal Republic of Germany and United States personnel. The selected site is on the Isle of Sylt (Schleswig-Holstein). The authorities of the Federal Republic of Germany will make available the necessary land and the Deutsche Bundespost will construct the station at the selected site in accordance with the plot plans developed by the site selection party. Location of the antennas, ground systems and buildings will be as specified on the plot plans.

**3. Buildings**

The U.S. Coast Guard will provide detailed typical plans for the operational buildings which house the major electric and electronic equipment. Such plans will specify space requirements,

location of equipment, floor plans, bonding, screening, ducting, floor loading, power supply facilities, cable entrances, and other details or criteria peculiar to LORAN-C construction. The Deutsche Bundespost will construct and outfit the building in accordance with these criteria.

4. Electronic Equipment

The U.S. Coast Guard will furnish the electronic equipment necessary to produce, receive and synchronize the LORAN-C signals including transmitters, timers, antenna coupling units, switching equipment, isolation transformers, interconnection cables and such terminal boxes, etc., as will be necessary for interconnection of major equipments. The U.S. authority will provide the screened room to be specified in the building plans. The Deutsche Bundespost will provide bonding and copper strapping materials necessary for the interconnection of the equipment.

5. Antennas and Ground Systems

The U.S. Coast Guard will furnish the LORAN-C transmitting antenna and receiving antenna. The Deutsche Bundespost will provide ground system materials, antenna foundations, guy anchors and associated foundations. The Deutsche Bundespost will erect all antennas and construct ground systems in accordance with plans and criteria to be furnished by the United States and will conduct a high voltage static test in accordance with specifications furnished by the United States and will correct any deficiencies noted. The United States will upon request from the Deutsche Bundespost furnish an expert for assistance in antenna tower erection.

6. Communications Equipment

The U.S. Coast Guard will make available and install all equipment for radio communication with other stations in the chain of stations, with monitor stations, and with the chain coordination office. The Deutsche Bundespost will make available and install the necessary local communications equipment (telephones,

etc.).

7. Estimated Time Plan

Until 1. 12. 1962 Completion of installation of primary electric power, completion of LORAN-C transmitting antenna erection and the building for the equipment.

Until 1. 5. 1963 Completion of installation of stand by electric power.

8. Budgetary Considerations

All direct costs relative to construction and outfitting will be borne by the United States. Material, equipment and facilities for this project will be free of duty and free of taxation in accordance with the arrangements dated October 15th, 1954, made between the Federal Republic of Germany and the United States of America concerning the relief from taxation to be granted for the expenditure incurred by the United States in the interest of joint defense.

The reimbursement of the indirect costs was fixed in the note of 23rd March, 1962, exchanged between the United States of America and the Federal Republic of Germany.

Bonn, 13 Sept., 1962

For the Deutsche  
Bundespost

*H. Rummel*  
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For the United States  
Coast Guard

*Clyde L. Olson*  
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