



11000
23 APR 1993

From: Commander, Coast Guard Activities, Europe
To: LCDR Robert M. Loesch, 567 27 6812, USCG
LT Joseph S. Puntino, 099 42 8820, USCG
LT Stephen G. Nurre, 423 80 6533, USCG

Subj: FORMAL BOARD OF SURVEY FOR LORAN-C STATION SANDUR AND
LORAN MONITOR STATION KEFLAVIK, ICELAND

Ref: (a) Real Property Management Manual, COMDTINST M11011.9B,
Chapter 5.
(b) Property Management Manual, COMDTINST M4500.5,
Chapter 7.
(c) COMCOGARD ACTEUR SOP, Appendix 6 to Annex D.

1. You are appointed members of a board to conduct an investigation, report findings, and make recommendations concerning disposal of the Loran Station Sandur and Loran Monitor Station Keflavik facilities, real, electronic, and General Purpose (GP) property. All facilities and property physically located on the station grounds are anticipated to become excess to the needs of the U.S. Coast Guard after the planned termination of U.S. funded operations on 31 December 1994.

2. In conducting the survey and reporting your recommendations you shall review all Status Of Forces (SOFA) and specific station operation agreements between the U.S. and host governments as they relate to your findings and disposition recommendations in addition to references (a), (b), & (c). Specific additional survey responsibilities for individual board members are listed in enclosure (1). Concurrent, but independent to your survey, the Coast Guard is conducting bilateral negotiations with the host governments on turnover/termination of U.S. operations. You will be kept apprised of negotiation issues that may affect your findings and recommendations.

3. You will be assisted in your work by the following people; Ms. Warwick for clerical assistance, Mr. McGuire for any drafting assistance, LCDR Veselka & CWO Jordan for technical matters relative to the survey action, and CDR Gazlay & LCDR Veselka on relevant negotiation issues. Update the Deputy Commander monthly on your work status by E-mail and submit the completed survey by 30 November 1993.

Laurence H. Somers
LAURENCE H. SOMERS

Encl: (1) Specific Survey Responsibilities

Copy: ACTEUR Division Chiefs

SPECIFIC SURVEY RESPONSIBILITIES
OF INDIVIDUAL BOARD MEMBERS

Accomplishment of the work necessary to investigate, report findings and make recommendations for disposal of all the property at each station/site requires some division of task responsibility. Individual board members will be responsible to Commander, ACTEUR and their co-members of the survey board for accomplishment of specific task items related the boards work. This individual work will be incorporated into the complete survey package. Members of the board may question and review work resulting from efforts of this specific tasking, but it is not intended that each member participate in every action of work necessary to complete the Board of Survey. In signing page 2 of CG-2582 the board members will be certifying completing their specific tasking listed below and participation in joint activites necessary to complete other aspects of the survey.

The survey should address all facilities and real property listed in the Civil Engineering Data Base (CEDs) records, all electronic property listed on the Electronic Installation Record (EIR), and all General Purpose (GP) property. Although it is not intended that consumable items be included in this survey action members must review the requirements for determining what is real, installed electronic, and GP property. Take required action to add appropriate property to the CEDs, EIR, and GP property data bases to insure records correctly reflect actual conditions and match with your survey report.

Engineering Division Representative-

- Research ACTEUR, G-N, Host Agency, and station files for Status of Forces (SOFA) and specific station operation agreements relating to your assigned station properties. Brief other board members on specifics of the agreements.
- Review CEDs records of Real Property Facilities (RPFs); compare with station plot plans and on-site observations. Update CEDs to insure all real property is addressed.
- Research and provide data necessary to complete page 1 of form CG-2582, BOARD OF SURVEY. List RPF numbers as part of the real property description in the report. Provide information on original cost when it can be obtained from records; use a validated CEDs replacement cost as the estimated fair market value.
- Research and provide data necessary to complete form SF 118-A, BUILDINGS, STRUCTURES, UTILITIES, AND MISCELLANEOUS FACILITIES. Use RPF numbers as the Holding Agency Building Number.
- Research agreements and plot plans for data necessary to complete form SF 118-B, LAND. On each sheet provide a notation addressing that the U.S. government does not own the land and paraphrase the terms of land usage granted by the host government.

Engineering Division Representative (continued)-

- Draft a certificate of accuracy for the Board of Survey, all drawings included & land descriptions to be signed by Commander, ACTEUR. Land descriptions shall match those in the applicable U.S./ Host Nation agreements.
- Validate the Assessment of Past Practice (APP) supplied by Chief, Engineering for attachment into the board results. Conduct an Informed Person Environmental Survey of the station site noting all potential impacts to the environment due to past and present station operation. This survey should note the type, location and hazard associated with conditions observed. No recommendations for abatement or control are necessary as part of the survey. Chief, Engineering will provide a checklist and supplemental guidance to assist in your site survey. Summarize information obtained from the APP and your survey into one document that addresses present and past impacts to the local environment. Both the APP and your summary will become part of the Board of Survey.

Loran Division Representative & COCO North-

- Review the EIR and compare with the actual electronic installation. Update the EIR to insure all installed electronic property is addressed.
- Develop a form similar in format to SF 118-C and list all installed electronic property. Use EIR number designations as appropriate.
- Review the GP property listings for Host Nation stations provided by the ACTEUR Property Officer. Research and provide data necessary to complete form SF 118-C, Related Personal Property, for the Host Nation Stations.

MEDSEA Unit CO-

- Review your GP property listings and update to meet the reporting requirements given in Chapter 7 of the Property Management Manual, COMDTINST M4500.5, and Appendix 6 to Annex D of COMCOGARD ACTEUR SOP. Take action to insure the unit and ACTEUR Property Officer's records match. Research and provide data necessary to complete form SF 118-C, RELATED PERSONAL PROPERTY.
- Assist the Loran Division Representative in his efforts to verify and update the EIR.

DEPARTMENT OF TRANSPORTATION U.S. COAST GUARD CG-2582 (Rev. 5-92)		BOARD OF SURVEY			SURVEY NO. 96-001-95S
PROPERTY IDENTIFICATION				DATE 8 Dec 94	GSA CONTROL NO. None
LORAN MONITOR STATION KEFLAVIK, ICELAND					
ITEM NO.	DESCRIPTION	DATE OF ACQUISITION OR CONSTRUCTION	ORIGINAL COST	EST. FAIR MARKET VALUE	
1	MONITOR STATION'S OFFICE SPACE: 2300 sf located in the south wing of the US Naval Air Station Building 1650 called DYE-5. Space was transferred from Navy to Coast Guard in 1973.	1973		\$0.00	
2	HOUSING: Building 1002. Two-story duplex located within the US Naval Air Station. The property originally belonged to the Navy and was transferred to the Coast Guard.	1975		\$0.00	
3	FOUR MONITOR ANTENNAS: 43' whip, 36' whip, 85' conical, 30' conical.	1970		\$0.00	
4	GARAGE: 700 sf located southeast of the monitor station's office. (Note: Original costs not known.)	1975		\$0.00	

REAL PROPERTY BOARD		
WE CERTIFY THAT WE HAVE EXAMINED THE LISTING OF REAL PROPERTY AND FIND THE FACTS AS STATED		DATE 8 DEC 94
SIGNATURE OF MEMBER <i>[Signature]</i> LCDR R. M. LOESCH	SIGNATURE OF MEMBER <i>N. Q. Ha</i> LT N. Q. HA	SIGNATURE OF MEMBER <i>[Signature]</i> LT B. P. JORDAN

CONVENING FIELD COMMAND	DATE DEC 15 1994
<input checked="" type="checkbox"/> Concur with recommendation of Board. Referred to District/Area/Support Center/HQ Unit for consideration.	
<i>[Signature]</i> LAURENCE H. SOMERS, CAPTAIN, USCG SIGNATURE OF CONVENING AUTHORITY	

UNIT	DATE DEC 15 1994
<input type="checkbox"/> Board is referred to MLC for consideration.	
<input checked="" type="checkbox"/> Board is referred to Headquarters for consideration (HQ Units).	
<input type="checkbox"/> Recommendation of Board is not approved, returned to convening authority.	
<i>[Signature]</i> LAURENCE H. SOMERS, CAPTAIN, USCG SIGNATURE OF DISTRICT/AREA CHIEF OF STAFF/ COMMANDING OFFICER OF SUPPORT CENTER/HQ UNIT	

MAINTENANCE AND LOGISTICS COMMAND	DATE
<i>NOT APPLICABLE</i>	
<input type="checkbox"/> Recommendation of Board is approved.	
<input type="checkbox"/> Recommendation of Board is not approved, returned with comments.	
<input type="checkbox"/> Board is referred to Headquarters for consideration.	
_____ SIGNATURE OF MLC DEPUTY COMMANDER	

COAST GUARD HEADQUARTERS	DATE
<input type="checkbox"/> Recommendation of Board is approved.	
<input type="checkbox"/> Recommendation of Board is not approved.	
<input type="checkbox"/> Property will be disposed of as recommended.	
_____ SIGNATURE	

HEADQUARTERS/MLC/HQ UNIT	DATE
Property disposed of as directed. Returned to final approving authority.	
_____ SIGNATURE	

BOARD OF SURVEY NO. 96-001-95S

LORAN MONITOR STATION KEFLAVIK, ICELAND

FINDINGS:

1. Coast Guard Activities, Europe, letter of 11000 dated 23 April 1993 convened a formal Board of Survey for the purpose of surveying improvements on Loran Monitor Station Keflavik, Iceland, part of the Norwegian Sea Loran-C Station chain and the Icelandic Chain.
2. The 1992 Federal Radionavigation Plan published by the Department of Transportation and the Department of Defense states that "the DOD requirement for the Loran system will end December 31, 1994. Operations conducted by the United States Coast Guard at overseas stations will be phased out by the end of 1994. In the case of stations located outside the U.S., discussions continue between the U.S. and the respective foreign governments concerning the continuation of service after the DOD requirement terminates." [Ref: pp. 1-8] As a result, there will be no need for the Norwegian Sea Loran-C chain after 31 December 1994.
3. Loran Monitor Station Keflavik is located in Iceland and within the boundary of U. S. Naval Air Station (NAS) Keflavik, an Agreed Area jointly agreed by the United States and Icelandic authorities in accordance with Article 1 of the General Annex of the Defense Agreement of 1951. The installation coordinates are 63°57'N, 22°43'W. The station is operated in accordance with the Support Agreement between the U.S. Naval Air Station Keflavik and the Icelandic Post & Telecommunications Administration; the January 1959 "Arrangement for a Long Range Radio Aid to Navigation Station at Sandur (Snaefellsnes), Iceland, in accordance with the Defense Agreement of 1951" and subsequent supplemental agreements between 1959 and 1975. (Ref: Encl 2, Encl 3 Para 11 of 1959 Arrangement, and 1975 Arrangement,) Copies of the agreements and supplemental agreements are enclosed.
4. The Office Space in DYE-5, within Building 1650, was provided for station in 1973. No official transfer documents for building 1650 were found in NAS Keflavik Public Works or ACTEUR real property records. Building 1002 was transferred to station per Enclosure (1).
5. Loran Monitor Station Keflavik is operated by the Iceland Post and Telegraph Administration who employs the Icelandic nationals at the station and furnishes the personnel on a reimbursable basis subject to the conditions of the supplemental agreements.
6. The buildings are of no historical significance. Listing or eligibility for listing in the National Register of Historical Places is not applicable to these buildings.

7. All structures are in good to excellent condition.
8. The Environmental Analysis Checklist is attached as Enclosure (2). An Environmental Assessment of Past Practices has been conducted and is attached as Enclosure (3). This property is categorically excluded from further environmental documentation per National Environmental Policy Act (COMDTINST M16475.1B paragraph 2.B.2.b).
9. Upon termination of Loran Monitor Station Keflavik, all the facilities will be transferred back to NAS Keflavik in accordance with ongoing negotiations and subsequent agreements between the U.S. Coast Guard and NAS Keflavik. The U.S. Coast Guard has no further use for the facilities or equipment.
10. There are no known underground water storage tanks or underground fuel oil storage tanks. Water and electrical power are provided through NAS.
11. The facilities do not contain operating sound signals.
12. The property is not located in a flood plain or wetland and is not subject to flooding.
13. SF-118, 118A, 118B, and 118C are attached in Enclosure (4).
14. The Federal Property Information Checklist has not been completed and submitted to the U.S. Department of Housing and Urban Development (HUD) in accordance with the Stewart B. McKinney Homeless Assistance Act. HUD review is not applicable as the property belongs to NAS and all buildings will be turned over to NAS in accordance with interagency agreements.
15. Photographs, Vicinity Maps, Engineering Certification, and Real Property Board of Survey Check-in Sheet are attached as enclosures (5) through (8), respectively.
16. The Personal Property Inventory is attached as Enclosure (9). All the equipment are no longer being used in the continental United States Loran-C chains.

OPINIONS

1. The Coast Guard should not retain the remaining improvements or rights to the facilities.
2. The U.S. Coast Guard should transfer back the remaining improvements to NAS Keflavik.
3. All the associated electronics equipment and consumable spare parts which are no longer being used in the continental United States Loran-C chains should be determined as excess personal property.

RECOMMENDATIONS:

1. That all properties and remaining improvements be declared excess to the needs of the Coast Guard, transferred back to NAS in accordance with subsequent U.S. Coast Guard/NAS Keflavik negotiations and agreements, and removed from the real property records.
2. That all excess personal property be disposed of in accordance with subsequent U.S. Coast Guard/NAS Keflavik negotiations and agreements.

LIST OF ENCLOSURES

- Enclosure 1 Letter fm NAS to USCG, 1975
- Enclosure 2 Support Agreement between the U.S.
Naval Air Station Keflavik and the
Icelandic Post & Telecommunications
Administration
- Enclosure 3 International Agreements
- DEFENSE AGREEMENT PURSUANT TO THE NORTH ATLANTIC TREATY BETWEEN
THE UNITED STATES OF AMERICA AND THE REPUBLIC OF ICELAND, 1951
- ARRANGEMENT FOR A LONG-RANGE RADIO AID TO NAVIGATION STATION AT
SANDUR (SNAEFELLSNES), ICELAND, IN ACCORDANCE WITH THE DEFENSE
AGREEMENT OF 1951" (see paragraph 11), 1959
- SUPPLEMENTAL AGREEMENTS NO. 1, 1960
- SUPPLEMENTAL AGREEMENTS NO. 2, 1961
- SUPPLEMENTAL AGREEMENTS NO. 3, 1962
- SUPPLEMENTAL AGREEMENTS NO. 4, 1975
- ARRANGEMENT FOR ICELANDIC OPERATION MONITOR FACILITY AT THE
U.S. NAVAL STATION, KEFLAVIK, ICELAND, 1975
- Enclosure 4 Environmental Analysis Checklist
- Enclosure 5 Assessment of Past Practices
- Enclosure 6 SF-118, 118A, 118B, and 118C
- Enclosure 7 Photographs
- Enclosure 8 Vicinity Maps
- Enclosure 9 Engineering Certification
- Enclosure 10 Board of Survey Check-In Sheet
- Enclosure 11 Personal Property Inventory

Enclosure 1

Letter from NAS to USCG, 1975

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DEPARTMENT OF THE NAVY

U.S. NAVAL STATION
FLEET POST OFFICE
NEW YORK, N.Y. 09571

In reply refer to

166:EHv:kp

11101

Ser 1

05 JUN 1975

From: Commanding Officer, U. S. Naval Station, Keflavik, Iceland

To: Commanding Officer, USCG Loran Monitor Station, Keflavik, Iceland

Subj: Exchange of Family Housing Assets between Navy and Coast Guard

Ref: (a) Commanding Officer, USCG ltr 11100 of 4 March 75

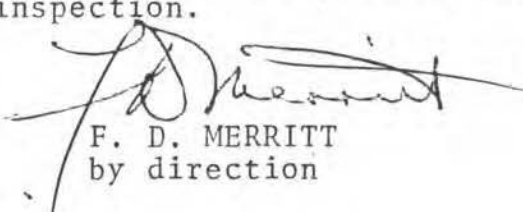
1. As requested by reference (a) the following comments are made on the scheduled actions required to effect the subject exchange of buildings:

a. Schedule in paragraph 3, sub-paragraph a through e of reference (a) is basically concurred with.

b. The cost of movement from quarters 1004B and C to quarters 1002A and B will be charged to Navy funds.

2. It is anticipated that building 1004 will be picked up on Navy Plant Account effective 30 June 1975 and building 1002 will be deleted from the Navy Plant Account on the same date.

3. Other details of the exchange of facilities will be discussed and effected by both activities representatives during the scheduled joint inspection.


F. D. MERRITT
by direction

06 JUN 1975

C

Enclosure 2

Support Agreement between the U.S.
Naval Air Station Keflavik and the
Icelandic Post & Telecommunications Administration

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SUPPORT AGREEMENT
BETWEEN
COMMANDING OFFICER, NAVAL STATION, KEFLAVIK
AND
ICELANDIC POST & TELECOMMUNICATIONS ADMINISTRATION

I

This agreement delineates the specific support services which the U. S. Naval Station, Keflavik, Iceland, hereinafter called HOST, will provide to the Loran Monitor Station, Keflavik, Iceland, hereinafter called TENANT, and the Loran Transmitting Station, Sandur, Iceland, hereinafter called SANDUR.

II

This agreement is effective as of 1 July 1976 and supersedes Support Agreement number 2H-40470-005-2 dated 1 July 1972, as amended, and all preceding agreements. This agreement will continue until 1 July 1979, but it may be terminated at any earlier date with the mutual consent of the parties concerned. This agreement may be mutually reviewed at any time, and amended or renegotiated as required to reflect changing conditions, regulations, procedures, or laws.

III

HOST will provide logistic, and administrative support to TENANT and SANDUR as specifically provided herein. This agreement considers ten Icelandic employees normally assigned to the TENANT facility, and temporary addition of contract personnel to a maximum of three men. HOST shall be notified of any planned increase or decrease or personnel assigned to the TENANT facility. Support provided by HOST under this agreement shall be in accordance with the policies and procedures of Volume 7, Navy Comptroller Manual.

IV

Facilities peculiar to SANDUR shall not be recorded on the real property records of HOST, but facilities peculiar to TENANT shall be so recorded. Administration of facilities peculiar to TENANT and SANDUR shall remain with the Post and Telecommunication Administration. HOST shall have no responsibility for recurring or nonrecurring maintenance of said property and facilities, nor for recording such transactions involving maintenance or associated costs. However, within its capabilities, HOST will perform such maintenance on TENANT facilities on a reimbursable basis. This agreement is not

intended to conflict, supersede, or duplicate in any manner any arrangement between the U. S. Coast Guard and the Post and Telecommunications Administration covering the operation of the TENANT or SANDUR facility. TENANT and SANDUR are operated by Iceland Post and Telecommunication Administration under contractual arrangements with the U. S. Coast Guard.

V

Support services shall be as follows:

- | 1. (AY) <u>Administration.</u> | <u>HOST will:</u> | <u>TENANT will:</u> |
|-----------------------------------|--|--|
| a. Administration of TENANT unit. | None. | Perform this function. |
| b. Administrative control. | None. | Exercise administrative control on all matters including those pertaining to occupancy, good order of assigned personnel, etc. |
| 2. (AW) <u>Public Works.</u> | | |
| a. Property accountability. | Perform this function for TENANT occupied real property. | Perform this function for all personal property. |
| b. Utilities. | Provide utility service, i.e. electrical power, sewerage, water, trash removal, and telephone service on a reimbursable basis. Rates will be established and revised as required by HOST in accordance with current U. S. Navy directives. | Provide HOST with utility requirements. Budget and fund for reimbursement of such services for buildings listed below: |

HOST will:

TENANT will:

- c. Buildings.
- (1) Loran
Monitor Station,
building 1650.
- Provide routine recurrent maintenance and repair upon receipt of a customer financed work request. Permit unconditional occupancy of rooms 12, 13 and 14 of building 1650, less the existing NAVCOMSTA microwave equipment room and ancilliary equipment space. Provide alternative suitable spaces, and provide labor, materials, transportation, and funding for necessary modifications thereto, in the event that TENANT must vacate building 1650.
- Submit work request, budget and fund for maintenance services.
- (2) General
Warehouse,
building T-2453.
- Permit TENANT occupancy and use of this building. Provide maintenance and repair of this building as required on a reimbursable basis.
- Provide HOST with requirements. Submit work request, budget and fund for maintenance services.
- d. Collateral
Equipment.
- Provide maintenance as required on a reimbursable basis.
- Budget and fund for services required.
- e. Janitorial
service.
- Provide 10 man-hours janitorial service per week in TENANT spaces in building 1650. This service to
- Make available spaces, wastebaskets, consumables and floor buffer. Budget and fund for services required.

HOST will:

TENANT will:

include emptying of all wastebaskets and disposal of trash, bi-weekly washing of office, lounge and corridor walls, daily washing of all fixtures in kitchenette and lavatory, cleanser cleaning of toilets, sinks, and lavatories every two days, and weekly mopping and buffing of all linoleum floors.

3. (AH) Inspections.

Provide normal fire, safety, and sanitation inspections.

Assist as necessary.

4. (SN) Supply.

a. Shipping/receiving.

Provide services as required, on a reimbursable basis. Advise TENANT upon receipt of materials for SANDUR.

Budget and fund for services, co-ordinate delivery of material to SANDUR.

b. Petroleum, oil, and lubricant products.

Provide automotive gasoline, oils and greases for all TENANT vehicles on a reimbursable basis; provide charge plates.

Budget and fund for POL products including those provided SANDUR. provide forecasts of POL requirements in accordance with requirements of HOST.

HOST will:

TENANT will:

- and authori-
zation as re-
quired for
this purpose.
Provide and
arrange for
delivery of
diesel fuel and
gasoline to
SANDUR on a
reimbursable
basis.
- c. Supplies and
equipment.
5. (AM) Messing.
6. (AE) Postal Service.
7. (AI) Security.
8. (AH) Fire pro-
tection and
prevention.
- Provide common
supplies and
equipment on a
reimbursable
basis.
- Provide messing
facilities for
noon meal for a
maximum of four
TENANT personnel
per day.
- Provide.
- Provide normal
base security
and security
services.
- Provide and
operate struc-
tural fire-
fighting
equipment.
Promulgate
instructions.
Maintain ionic
fire detector
systems.
- Budget and fund for
requirements, make
advance deposit for
purchases.
- Pay for meals as
received, on an
individual daily basis
- Provide qualified mail
orderlies. Utilize
only International Mail
System for outgoing
mail.*
- Assist as required
by complying with
HOSTS's regulations.
- Adhere to published
fire detection regu-
lations. Provide
access to assigned
spaces as required.

HOST will:

TENANT will:

- | | | | |
|----------|------------------------------|---|--|
| 9. (AY) | <u>Disaster recovery.</u> | Provide personnel and equipment as necessary. | Assist as required. |
| 10. (BE) | <u>Air logistic support.</u> | Provide air transportation for support of SANDUR within the limits of available assets on a reimbursable basis. | Provide information on material and personnel to be transported as soon as known. Fund and reimburse for support received. |

Enclosure 3

International Agreements

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D E F E N S E A G R E E M E N T

PURSUANT TO

THE NORTH ATLANTIC TREATY BETWEEN THE

UNITED STATES OF AMERICA

AND

THE REPUBLIC OF ICELAND

...to the fact that the people of Iceland cannot themselves adequately secure their own defenses, and whereas experience has shown that a country's lack of defenses greatly endangers its security and that of its peaceful neighbors, the North Atlantic Treaty Organization has requested, because of the unsettled state of world affairs that the United States and Iceland in view of the collective efforts of the parties to the North Atlantic Treaty to preserve peace and security in the North Atlantic Treaty area, make arrangements for the use of facilities in Iceland in defense of Iceland and thus also the North Atlantic Treaty area. In conformity with this proposal the following agreement has been entered into.

ARTICLE I

The United States on behalf of the North Atlantic Treaty Organization and in accordance with its responsibilities under the North Atlantic Treaty will make arrangements regarding the Defense of Iceland subject to the conditions set forth in this Agreement. For this purpose and in view of the defense of the North Atlantic Treaty area, Iceland will provide such facilities in Iceland as are mutually agreed to be necessary.

ARTICLE II

Iceland will make all acquisitions of land and other arrangements required to permit entry upon and use of facilities in accordance with this Agreement, and the United States shall not be obliged to compensate Iceland or any national of Iceland or other person for such entry or use.

ARTICLE III

The national composition of forces, and the conditions under which they may enter upon and make use of facilities in Iceland pursuant to this Agreement, shall be determined in agreement with Iceland.

ARTICLE IV

The number of personnel to be stationed in Iceland pursuant to this Agreement shall be subject to the approval of the Icelandic Government.

ARTICLE V

The United States in carrying out its responsibilities under this Agreement shall do so in a manner that contributes to the maximum safety of the Icelandic people, keeping always in mind that Iceland has a sparse population and has been unarmed for centuries. Nothing in this Agreement shall be so construed as to impair the ultimate authority of Iceland with regard to Icelandic affairs.

ARTICLE VI

The Agreement of October 7, 1946, between the United States and Iceland for interim use of Keflavik Airport shall terminate upon the coming into force of this Agreement whereupon Iceland will assume direction of and responsibility for civil aviation operations at Keflavik Airport. The United States and Iceland will negotiate appropriate arrangements concerning the organization of the Airport to coordinate the operation thereof with the defense of Iceland.

ARTICLE VII

Either Government may at any time, on notification to the other Government, request the Council of the North Atlantic Treaty Organization to review the continued necessity for the facilities and their utilization, and to make recommendations to the two Governments concerning the continuation of this Agreement. If no understanding between the two Governments is reached as a result of such request for review within a period of six months from the date of the original request, either Government may at any time thereafter give notice of its

intention to terminate the Agreement, and the Agreement shall then cease to be in force twelve months from the date of such notice. Whenever the contingency provided for in Articles 5 and 6 of the North Atlantic Treaty shall occur, the facilities, which will be afforded in accordance with this Agreement shall be available for the same use. While such facilities are not being used for military purposes, necessary maintenance work will be performed by Iceland or Iceland will authorize its performance by the United States.

ARTICLE VIII

After signature by the appropriate authorities of the United States and Iceland, this Agreement, of which the English and Icelandic texts are equally authentic, shall come into force on the date of receipt by the Government of the United States of America of a notification from the Government of Iceland of its ratification of the Agreement.

Done at Reykjavik, the fifth
day of May 1951.

/s/

Bjarni Benediktsson

/s/

Edward B. Lawson

STATUS OF UNITED STATES PERSONNEL AND PROPERTY

ARTICLE 1

In this annex, the expression "United States Forces" includes personnel belonging to the armed services of the United States and accompanying civilian personnel who are in the employ of such services and are not nationals of nor ordinarily resident in Iceland all such personnel being in the territory of Iceland in connection with operations under this Agreement.

ARTICLE 2

1. (a) The United States military courts will on no occasion have jurisdiction in Iceland over nationals of Iceland or other persons who are not subject to the military laws of the United States.

(b) It is the duty of members of the United States forces and their dependents in Iceland to respect the laws of Iceland and to abstain from any activity inconsistent with the spirit of this Agreement, and, in particular, from any political activity in Iceland. The United States will take appropriate measures to that end.

2. Subject to the provisions of this Article,

(a) the military authorities of the United States shall have the right to exercise within Iceland all jurisdiction and control conferred on them by the laws of the United States over all persons subject to the military law of the United States.

(b) the authorities of Iceland shall have jurisdiction over the members of the United States forces with respect to offenses committed within Iceland and punishable by the law of Iceland.

3. (a) The military authorities of the United States shall have the right to exercise exclusive jurisdiction over persons

subject of military law of the United States with respect to offenses relating to its security, but not to that of Iceland, and to all acts punishable by the law of the United States, but not by the law of Iceland.

(b) The authorities of Iceland shall have the right to exercise exclusive jurisdiction over members of the United States forces with respect to offenses relating to the security of Iceland, but not to the security of the United States, and to all acts punishable by the law of Iceland, but not by the law of the United States.

(c) A security offense against Iceland or the United States shall include:

1. Treason

2. Sabotage, espionage or violation of any law relating to official secrets of Iceland or the United States, or secrets relating to the national defense of Iceland or the United States.

4. In cases where the right to exercise jurisdiction is concurrent the following rules shall apply:

(a) The military authorities of the United States shall have the primary right to exercise jurisdiction over a member of the United States forces in relation to

1. Offenses solely against the property of the United States or offenses solely against the person or property of another member of the United States forces or of a dependent of a member of such force.

2. offenses arising out of any act done in the performance of official duty.

(b) In the case of any other offense the authorities of Iceland shall have the primary right to exercise jurisdiction.

(c) If the United States or Iceland, whichever has the primary right, decides not to exercise jurisdiction, it shall notify the authorities of the United States or Iceland, as the case

may be, as soon as practicable. The authorities of the United States or of Iceland, whichever has the primary right, shall give sympathetic consideration to a request from the authorities of the United States or Iceland, as the case may be, for a waiver of its rights in cases where the authorities of the other country considers such waiver to be of particular importance.

5. A death sentence shall not be carried out in Iceland by the authorities of the United States.

6. (a) The authorities of the United States and Iceland shall assist each other in the arrest of members of the United States forces and their dependents who commit offenses in Iceland and in handing them over to the authorities which are to exercise jurisdiction in accordance with the above provisions.

(b) The authorities of Iceland shall notify promptly the military authorities of the United States of the arrest in Iceland of any members of the United States forces or of their dependents.

(c) The custody of an accused over whom Iceland is to exercise jurisdiction shall, if he is in the hands of the authorities of the United States, remain in the hands of such authorities until he is charged by Iceland.

7. (a) If a member of the United States Forces is accused of an offense the appropriate authorities of the United States and Iceland will render mutual assistance in the necessary investigation into the offense and trial of the offender.

(b) If the case is one within the jurisdiction of the United States, the authorities of Iceland will themselves carry out the necessary arrangements to secure the presence of and obtain evidence from Icelandic nationals and other persons in Iceland, except from members of the United States forces and their dependents, outside the agreed areas. In cases where it is necessary under the laws of the United States for the authorities of the United States

to obtain themselves information from IC and nationals, the Icelandic authorities will make all possible arrangements to secure the attendance of such nationals for interrogation in the presence of Icelandic authorities at places designated by them.

The military authorities will, in a similar manner, carry out the collection of evidence from members of the United States forces and their dependents in the case of an offense within the jurisdiction of the Icelandic authorities.

(c) The authorities of the United States and of Iceland shall notify one another of the results of all investigations and trials in cases where there are concurrent rights to exercise jurisdiction.

8. Where a member of the United States force or dependent of a member thereof has been tried by the authorities of the United States and has been acquitted, or has been convicted and is serving or has served his sentence, he may not be tried again for the same offense by the authorities of Iceland.

9. Whenever a member of the United States force or a dependent of a member thereof is prosecuted under the jurisdiction of Iceland, he shall be entitled:

- (a) to a prompt and speedy trial;
- (b) to be informed in advance of trial of the specific charge or charges made against him;
- (c) to be confronted with the witnesses against him;
- (d) to have compulsory process for obtaining witnesses in his favor, if within the jurisdiction of Iceland;
- (e) to defense by a qualified advocate or counsel of his own choice, or, failing such choice, appointed to conduct his defense;
- (f) if he considers it necessary, to have the services of a competent interpreter; and

(g) to communicate with a representative of his government and, when the rules of the court permit, to have such a representative present at his trial.

10. The United States forces shall have the right to police the agreed areas and to take all appropriate measures to insure the maintenance of discipline, order and security in such areas. Outside the agreed areas, military members of the United States forces shall be employed in police duties subject to arrangements with the authorities of Iceland and jointly with those authorities, and insofar as such employment is necessary to maintain discipline and order among the members of the United States forces and the dependants of members thereof.

The Icelandic authorities with whom members of the United States forces may be so employed shall have paramount authority with respect to the person or property of Icelandic nationals and other persons of non-Icelandic nationality, except members of the United States forces and their dependants and non-Icelandic employees of contractors of the United States, involved in any matter concerning the maintenance of order and discipline referred to above outside the agreed areas.

ARTICLE 3

1. Iceland shall either:

- (a) accept as valid, without driving test or fee, the driving permit or license or military driving permit issued by the United States or a sub-division thereof to a member of the United States forces or his dependants, or
- (b) issue its own driving permit or license without test or fee to a member of the United States forces or his dependants who holds a driving permit or license issued by the United States or a sub-division thereof.

2. The United States authorities, in coordination with Icelandic authorities, will issue appropriate instructions to members of the United States forces and their dependents fully informing them of the Icelandic traffic laws and regulations and requiring strict compliance therewith.

ARTICLE 4

1. Military members of the United States forces shall normally wear a uniform.

2. Service vehicles of the United States forces shall carry in addition to the registration number, a distinctive nationality mark.

3. The United States authorities will deliver to the appropriate Icelandic authorities a list of all vehicles, the registration numbers and the names of the owners thereof.

ARTICLE 5

United States forces in Iceland may carry arms as required in the performance of official duties within the agreed areas. United States forces may carry arms outside the agreed areas in Iceland only in the performance of official duties or in case of military necessity, unless otherwise agreed by the appropriate authorities of Iceland.

ARTICLE 6

1. Members of the United States forces and their dependents may purchase locally goods necessary for their own consumption and such services as they need under the same conditions as nationals of Iceland.

2. Goods purchased locally which are required for the subsistence of the United States forces will normally be purchased through such agency of the Government of Iceland as may be designated by Iceland in order to avoid such purchase having an adverse effect on the economy of Iceland.

3. In regard to paragraphs 1. and 2. at 2, the competent authorities of Iceland will indicate when necessary any article the purchase of which should be restricted or forbidden, and the United States authorities will give due consideration to such request.

4. The United States desires to employ qualified Icelandic civilians to the maximum extent practicable in connection with activities under this Agreement. To the extent that Iceland shall consent to the employment of Icelandic civilians by the United States such employment shall be effected with the assistance of and through a representative or representatives designated by Iceland. The conditions of employment and work, in particular wages, supplementary payments and conditions for the protection of workers shall be those laid down by Icelandic law and practices.

5. The United States and Iceland will cooperate in suppressing and preventing any illegal activities and in preventing any undue interference with the Icelandic economy.

ARTICLE 7

1. The temporary presence in Iceland of a member of the United States forces or of any dependent of such member, or of any non-Icelandic national employed in Iceland in connection with the operations under this Agreement and present in Iceland only by reason of such employment shall constitute neither residence nor domicile therein and shall not of itself subject him to taxation in Iceland, either on his income or on his property the presence of which in Iceland is due to his temporary presence there, nor, in the event of his death, shall it subject his estate to a levy of death duties.

2. No national of the United States or corporation organized under the laws of the United States, resident in the United States, shall be liable to pay Icelandic income tax in respect of any income derived under a contract with the United States in connection with operations under this Agreement.

4. No tax or other charge of any nature shall be levied or assessed on material, equipment, supplies, or goods, including personal effects, household goods, privately owned automobiles and clothing which has been brought into Iceland in connection with operations under this Agreement. No such tax or charge shall be levied or assessed on property procured in Iceland by United States authorities for the use of the United States or its agents or for the use of personnel present in Iceland only in connection with operations under this Agreement.

ARTICLE 8

1. Save as provided expressly to the contrary in this Agreement, members of the United States forces as well as their dependents shall be subject to the laws and regulations administered by the customs authorities of Iceland. In particular the customs authorities of Iceland shall have the right, under the general conditions laid down by the laws and regulations of Iceland, to search members of the United States forces and their dependents and non-Icelandic nationals who are contractors or employees of a contractor of the United States and to examine their luggage and vehicles and to seize articles pursuant to such laws and regulations.

2. Official documents under official seal shall not be subject to customs inspection. Couriers, whatever their status, carrying these documents must be in possession of an individual movement order. This movement order shall show the number of dispatches carried and certify that they contain only official documents.

3. The authorities of the United States forces may import free of duty the equipment for their forces and reasonable quantities of provisions, supplies and other goods for the exclusive use of the forces and their dependents and for non-Icelandic nationals who are contractors or employees of a contractor of the United States. This duty-free importation shall be subject to the deposit, at the customs office for the place of entry, together with the customs

States forces authorized for that purpose. The list of the officials authorized to sign the certificates as well as specimens of their signatures and the stamps used, shall be sent to the customs administration of Iceland.

4. Members of the United States forces and their dependents may at the time of first arrival to take up service in Iceland import free of duty for the term of such service their personal effects and furniture.

5. Members of the United States forces and their dependents may import temporarily free of duty their private motor vehicles for their personal use.

6. Imports, other than those dealt with in paragraphs 4 and 5 of this Article, effected by members of the United States forces or their dependents, including shipments through United States Post Offices, are not, by reason of this Article, entitled to any exemption from duty or other conditions.

7. Goods which have been imported duty-free under paragraphs 3, 4 and 5 above:

(a) may be re-exported freely, provided that, in the case of goods imported under paragraph 3, a certificate, issued in accordance with that paragraph, is presented to the customs office. The customs authorities, however, may verify that goods re-exported are as described in the certificate, if any, and have in fact been imported under the conditions of paragraphs 3, 4 or 5 as the case may be.

(b) shall not be disposed of in Iceland by way of sale, gift or barter. However, in particular cases such disposal may be authorized on conditions imposed by the customs authorities (for instance on payment of duty and tax and compliance with the requirements of the controls of trade and exchange). The United States authorities will prescribe and enforce to the extent possible regulations designed to prevent the sale or supply to individual

members of United States forces and dependents and non-Icelandic nationals who are employees of a contractor of the United States of quantities of goods imported into Iceland by the United States authorities by any means free of charge which would be in excess of the personal requirements of such personnel and which, in consultation with Icelandic authorities, are determined to be most likely to become items of gift, barter or sale in Iceland.

8. Goods purchased in Iceland shall be exported therefrom only in accordance with the regulations in force in Iceland.

9. Special arrangements shall be made by Iceland so that fuel oil and lubricants for use in service vehicles, aircraft and vessels of the United States forces and non-Icelandic contractors of the United States may be delivered free of all duties and taxes.

10. In paragraphs 1-8 of this Article "duty" means customs duties and all other duties and taxes payable on importation or exportation, as the case may be.

11. The customs or fiscal authorities of Iceland may, as a condition of the grant of any customs or fiscal exemption or concession provided for in this Agreement, require such conditions to be observed as they may deem necessary to prevent abuse.

ARTICLE 9

1. In order to prevent offenses against customs and fiscal laws and regulations, the customs and fiscal authorities of the United States and Iceland shall assist each other in the conduct of inquiries and the collection of evidence.

2. The authorities of the United States forces shall render all assistance within their power to insure that articles liable to seizure by, or on behalf of, the customs or fiscal authorities of Iceland are handed to those authorities.

3. The authorities of the United States shall render all assistance within their power to insure the payment of duties, taxes and penalties payable by members of the United States forces or their dependents.

4. Service vehicles and articles belonging to the United States forces seized by the authorities of Iceland in connection with an offense against its customs or fiscal laws or regulations shall be handed over to the appropriate authorities of the United States forces.

ARTICLE 10

The United States forces and their members and dependents shall comply with the foreign exchange regulations of Iceland. Special arrangements shall be entered into between the appropriate authorities of Iceland and the United States to obviate the use of United States currency in paying personnel and to permit United States forces to acquire Icelandic currency at official rates of exchange and to convert such currency in reasonable amounts on leaving Iceland.

ARTICLE 11

The Government of Iceland will extend to the forces of any Government signatory to the North Atlantic Treaty, when such forces are stationed in Iceland, the same privileges extended to the United States forces by the preceding articles of this Annex upon the request of the Government concerned.

ARTICLE 12

1. (a) The United States waives all claims against the Government of Iceland for damage to any property owned by it and used by the United States forces and for injury to or death of members of the United States forces caused by an employee of the Government of Iceland.

(b) The Government of Iceland waives all claims against the United States for damage to property owned by it in any of the

Government of Iceland occurring in such area while such employee is therein by reason of his duties, as determined by representatives of the United States and Iceland to be appointed by each, when such damage, injury or death is caused by a member of the United States Forces. The Government of Iceland also waives all claims for damage to any property owned by it and for injury to or death of an employee of the Government of Iceland occurring outside any of the agreed areas caused by a member of the United States forces when it is determined by representatives of the United States and Iceland, to be appointed by each, that such property or employee was, at the time of said damage, injury or death, being utilized or employed in any respect with carrying out the provisions of this agreement.

(c) The United States and Iceland waive all their claims against each other for damage to a vessel owned by the United States or Iceland while such vessel is being used in connection with the operation of this Agreement, wherever such damage shall occur, and whether it is caused by a member of the United States forces or by an employee of the Government of Iceland. Claims for maritime salvage by the United States or Iceland shall be waived, provided that the vessel or cargo salvaged was owned by the United States or Iceland, as the case may be, in connection with the operation of this Agreement.

(d) For the purpose of this paragraph the expressions "owned by the United States," "owned by Iceland" or "owned by the United States or Iceland" include a vessel on bare boat charter to the United States or Iceland, as the case may be, or requisitioned by either government on bare boat terms or otherwise in the possession of the United States or Iceland (except to the extent that the risk of loss or liability is borne by some person other than the United States or Iceland or its insurer).

2. Claims (other than contractual claims) arising out of acts done by members of the United States forces and causing damage to,

or destruction of the property of persons or bodies in Iceland or the injury or death of individuals therein except as provided in the preceding paragraph, shall be settled by Iceland in accordance with the following provisions:

(a) Claims shall be filed, considered and settled or adjudicated in accordance with the laws and regulations of Iceland with respect to claims arising from acts of its own employees.

(b) Iceland may settle any such claims, and payment of the amount agreed upon or determined by adjudication shall be made by Iceland in its currency.

(c) Such payment, or the final adjudication of the competent tribunals of Iceland denying payment, shall be binding and conclusive upon the United States and Iceland.

(d) Every claim paid by Iceland shall be communicated to the United States military authorities together with full particulars.

(e) The cost incurred in satisfying claims pursuant to the preceding sub-paragraphs shall be distributed between the United States and Iceland as follows:

(1) Where the United States alone is responsible, the amount awarded or adjudged shall be distributed in the proportion of 15% chargeable to Iceland and 85% chargeable to the United States.

(2) Where members of the United States forces and nationals of Iceland contribute to the damage, the amount awarded or adjudged shall be distributed equally between the United States and Iceland.

(3) Every half-year, a statement of the sums paid by Iceland in the course of the half-yearly period in respect of every case shall be sent to the United States together with a request for reimbursement. Such reimbursement shall be made within the shortest possible time, in the currency of Iceland.

(f) A member of the United States forces shall not be subject to any suit with respect to claims arising by reason of an act done which is within the purview of this paragraph.

3. Claims presented by a national of any country at war with the United States or by an ally of such enemy country and claims resulting from action by the enemy or resulting directly or indirectly from any act by the United States forces engaged in combat are not considered to be within the provisions of this Article.

4. The military authorities of the United States and the appropriate officials of Iceland shall cooperate in the procurement of evidence for a fair hearing and disposal of claims in regard to which the United States and Iceland are concerned.

5. The United States undertakes to procure the legislation necessary to implement its responsibilities as set forth in this Article.

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-17
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ARRANGEMENT FOR A LONG-RANGE RADIO AID TO NAVIGATION STATION AT SANDUR (SNAEFELLSNES), ICELAND, IN ACCORDANCE WITH THE DEFENSE AGREEMENT OF 1951

The governments of the United States and Iceland have decided to establish a Long-Range Radio Aid to Navigation (LORAN-C) station at Sandur (Snaefellsnes) to provide navigational service in the area.

The agreed responsibilities of Iceland and the United States, respectively, in regard to the construction and operation of the LORAN-C installation are as follows:

1. General.

The LORAN-C station will be located on an Agreed Area jointly agreed by United States and Icelandic authorities in accordance with Article 1 of the General Annex to the Defense Agreement of 1951 described as follows:

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on 1 APRIL 1977
in accordance with
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DOD DIRAC 5200.9

approximately two kilometers west of the village of Sandur on Snaefellsnes peninsula and adjacent to the previously approved site for the NATO LORAN-A station which the LORAN-C station will supplement.

More exact information on the site location, position of antennas, ground systems, and building sites is contained on the plot plans attached to and made a part of this arrangement.

There is no objection by either party to the construction of a LORAN-A station under NATO auspices adjacent to, or in combination with the LORAN-C station, provided that construction of the LORAN-C station is not thereby delayed and that any combined facilities are approved by United States authorities on a technical basis.

Construction and initial operation of this LORAN-C station, including construction procedures, status of United States personnel involved and tax and customs exemptions for materials and personnel, shall, except as provided herein, be carried out in accordance with and governed by the terms of the Defense Agreement of 1951 and its supplementary arrangements, including Memoranda of Understanding and supplements.

2. Electronic and Communications Equipment.

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The United States will furnish the equipment necessary to produce, transmit, receive, and synchronize the LORAN-C signals including transmitters, timers, antennas, antenna coupling units, switching equipments, screened room, isolation transformers, inter-connecting cables, and such terminal boxes, etc., as will be necessary for inter-connection of LORAN equipment.

The United States will provide communications equipment and antennas for radio communication with other stations in the LORAN-C chain.

3. Primary and Standby Power.

The United States will provide primary and standby electric power suitable for the LORAN-C station operations. The electric power generator plant will be located as shown on the approved site plan.

4. Buildings.

All buildings, antennas, utility systems, and other related facilities will be constructed by the United States in accordance with the approved site plans and the Defense Agreement of 1951 and its supplementary arrangements, including Memoranda of Understanding and supplements.

5. Personnel.

Operation of the LORAN-C station will initially be the responsibility of the United States and will be carried out during this period under the supervision of a United States Coast Guard officer (electronic engineer) jointly by United States and Icelandic personnel indicated below:

- a) United States personnel: 10 to 12 Coast Guard enlisted men; 2 civilian technical representatives;
- b) Icelandic personnel: 4 to 6 electronic technicians; 2 diesel operators; 3 to 5 support (housekeeping) personnel.

Continuous watch by operating personnel will be necessary until such time as it is mutually agreed that reduced watchstanding is acceptable.

On July 1, 1962, Iceland will assume full operation of the station provided Icelandic operating and maintenance personnel have adequate understanding of station operating and maintenance requirements. Upon assuming full operation, Iceland will provide all necessary personnel to man the station, although US technical personnel may visit

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station periodically and make such suggestions as they deem necessary for its proper functioning.

6. Personnel Training.

The United States Coast Guard will organize and conduct a training course for LORAN-C maintenance and operating personnel. Iceland agrees, subject to the availability of suitable personnel, to send at an appropriate time to be agreed not more than six eventual LORAN-C station operating personnel to the United States for participation in the training course. At least two of the trainees should be electronic engineers who will be able, upon completion of the course, to analyze and repair major equipment failures. Other trainees will have a background of electronic or radio repair.

7. Coordination of Operation.

Standard LORAN-C operating procedures and techniques will be followed to ensure reliability of service. In order to maintain satisfactory technical coordination of the LORAN-C chain as a whole, the United States will establish a coordinating office whose technical recommendations will be followed.

8. Frequency Registration.

The LORAN-C frequency (100 kc) and type of emission and the communication frequencies necessary to the operation of the station will be registered by the government of Iceland.

9. Time Schedule - Critical Dates.

It is agreed that subject to conditions beyond the control of the two governments, the time schedule outlined below will be adhered to:

- a. 1 February 1959 - Plans and design to be submitted to Iceland for approval.
- b. 1 April 1959 - start construction.
- c. 15 August 1959 - completion of electronic equipment installation. Commence initial testing and calibration.
- d. 1 October 1959 - on air operationally. Continuation of calibration.
- e. 1 January 1960 - all calibration completed.

f. 1 July 1962 - Iceland assumes full operation of station.

10. Budgetary Considerations.

All direct costs relative to the training of personnel, and the operation of the LORAN-C station will be reimbursable to Iceland by the United States, except as otherwise agreed. No charge will be made for use of the land. Reimbursement to Iceland for operating costs and future training of personnel will be subject to availability of funds by the United States.

11. Monitoring Stations.

The United States will provide equipment for installation at the Keflavik Airport to monitor the LORAN chain operation. This facility will be located in areas now utilized by United States Forces and will be initially operated by United States Coast Guard personnel. This monitor station will remain in operation during the initial calibration, testing, and operation period, or until such time as it is determined that it is no longer required for satisfactory operation of the chain.

12. Period of Operation.

The LORAN-C transmitting station shall be maintained in continuous operation except as may otherwise be agreed. After the present arrangement shall have been in effect for two years from date station becomes operational, or at any subsequent date, the parties will consult at the request of one of them with regard to the continuation of operation of the station.

If the parties cannot come to agreement on continuation of operation within a period of one year after the request for consultation, the station shall cease operation after one year's notice by the interested party and all United States furnished equipment may be removed or disposed of by the United States.

13. Classification and Supplementary Arrangements.

The parties to this arrangement agree to downgrade its classification by mutual agreement when circumstances permit. This arrangement may be supplemented by detailed understandings between appropriate Icelandic and United States authorities as required.

Signed this 27 day of JAN 1959, at Reykjavik, Iceland.

For the United States:

Joseph L. Sullivan
JCS, U.S.A.F.

For the Republic of Iceland:

Páll Ásg. Magnússon
Chief of Division.

**ARRANGEMENT FOR A LONG-RANGE RADIO AID TO NAVIGATION
STATION AT SANDUR (SNAEFELLSNES), ICELAND, IN ACCORDANCE
WITH THE DEFENSE AGREEMENT OF 1951, SIGNED 27 JANUARY 1959**

SUPPLEMENTAL ARRANGEMENT NO. 1

1. Advance Payment. At the written request of the Administrator of the Post and Telegraph Administration of Iceland, representing the Iceland Government and subject to the conditions hereinafter set forth, the United States Government shall make an advance payment of \$4,275.00 for the per diem expenses of five eventual LORAN station operating personnel while participating in a training course in the United States in accordance with paragraph 6 of basic arrangement.
2. Depository. The advance payment made hereunder shall be deposited with the Icelandic Post and Telegraph Administration, and will be sent to Morgan Guaranty Trust Company, Church Street Station, New York, 15, N. Y., under the name of "Direction Generale des Postes et des Telegraphes D'Islande". Such payment shall be used for making payment for items of allowable direct costs of training Icelandic LORAN station operating personnel in the United States or for reimbursement of such costs.
3. Return of Funds. The Government of Iceland may at any time repay all or any part of the funds advanced hereunder.
4. Liquidation. If not otherwise liquidated, the advance payment made hereunder shall be liquidated in full in the following manner:
 - a. All payments of direct costs to personnel which are reimbursable to the Government of Iceland by the United States in accordance with paragraph 10 of basic agreement.
 - b. If such funds are insufficient to cover the costs of training the deficiency shall be paid by the United States to the Government of Iceland on demand.
 - c. Any excess of funds shall be withheld and applied to other direct costs resulting from operation of the station.

For the United States:

C. L. Olson
C. L. OLSON
Commander, U. S. Coast Guard

Date: 8 February 1960

For the Republic of Iceland:
Post- and Telegraph Administration

[Signature]
DIRECTION GÉNÉRALE
DES POSTES ET DES
TELEGRAPHES
Date: January 23, 1960.

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ARRANGEMENT FOR A LONG-RANGE RADIO AID TO NAVIGATION
STATION AT SANDUR (SNAEFELLSNES), ICELAND, IN ACCORDANCE
WITH THE DEFENSE AGREEMENT OF 1951, SIGNED 27 JANUARY 1959

SUPPLEMENTAL ARRANGEMENT NO. 2

1. Advance Payment. At the written request of the Administrator of the Post and Telegraph Administration of Iceland, representing the Iceland Government and subject to the conditions hereinafter set forth, the United States Government shall make an advance payment of \$4,845 for the per diem expenses of three eventual LORAN station operating personnel while participating in a training course in the United States in accordance with paragraph 6 of basic arrangement.
2. Depository. The advance payment made hereunder shall be deposited with the Icelandic Post and Telegraph Administration, and will be sent to Morgan Guaranty Trust Company, Church Street Station, New York, 15, N. Y., under the name of "Direction Generale des Postes et des Telegraphes D'Islande". Such payment shall be used for making payment for items of allowable direct costs of training Icelandic LORAN station operating personnel in the United States or for reimbursement of such costs.
3. Return of Funds. The Government of Iceland may at any time repay all or any part of the funds advanced hereunder.
4. Liquidation. If not otherwise liquidated, the advance payment made hereunder shall be liquidated in full in the following manner:
 - a. All payments of direct costs to personnel which are reimbursable to the Government of Iceland by the United States in accordance with paragraph 10 of basic agreement.
 - b. If such funds are insufficient to cover the costs of training the deficiency shall be paid by the United States to the Government of Iceland on demand.
 - c. Any excess of funds shall be withheld and applied to other direct costs resulting from operation of the station.

For the United States:

C. L. OLSON
Commander, U. S. Coast Guard

C. L. Olson

Date: 27 February 1961

For the Republic of Iceland:
Post and Telegraph Administration

G. Briem
Director General

G. Briem

Date: 31. 1. 1961

SUPPLEMENTAL ARRANGEMENT NO. 3 TO "ARRANGEMENT FOR A LONG RANGE AID TO NAVIGATION STATION AT SANDUR (SNAEFELLSNES), ICELAND, IN ACCORDANCE WITH THE DEFENSE AGREEMENT OF 1951" DATED 27 JANUARY 1959.

I. **BASIS.** This supplement supersedes un-numbered supplement "Interim Agreement Between the United States Coast Guard and the Post and Telegraph Administration of Iceland Regarding the Administration and Payment of Icelandic Personnel at the LORAN "C" Station at Sandur, Iceland" dated 13 January 1960. This agreement is made between the United States, represented by the United States Coast Guard and the Government of Iceland, represented by the Post and Telegraph Administration of Iceland. The LORAN "C" Station specified in the Basic Arrangement, dated 27 January 1959, and the co-located North Atlantic Treaty Organization (NATO) LORAN "A" Station at Sandur will be combined for this agreement and will hereinafter be referred to as the "Sandur LORAN Station".

II. **PURPOSE.** This arrangement assigns the responsibility for operating and maintaining station facilities and equipment, including communications and electronics facilities and equipment, from the United States Coast Guard to the Post and Telegraph Administration and delineates the function and responsibilities of each agency.

III. **GENERAL.** In Accordance with the Memorandum of Understanding between the United States and the Government of Iceland, dated 6 November 1959, the United States will continue to assume host nation responsibilities for the LORAN "A" portion of the station with respect to coordination (financial, technical and otherwise) with NATO and user nations and with other governments participating in the LORAN "A" system operation. Operating and maintaining the LORAN "A" and "C" portions of the Sandur LORAN station will be the responsibility of the Government of Iceland. The Sandur LORAN station consists of all facilities herein described which have been constructed upon an Agreed Area provided by the Government of Iceland in accordance with Article 1 of the General Annex to the United States - Iceland Defense Agreement of 5 May 1951. Ownership of the various facilities rests with the agency that provided these installations. LORAN "C" facilities remain the property of the United States and LORAN "A" Facilities remain the property of NATO. After assignment to the Post and Telegraph Administration of the responsibility for operating and maintaining this station, this area remains an agreed area in consonance with the 1951 Defense Agreement between the United States and Iceland.

The United States Coast Guard maintains the right to retain an officer or agent designated by the United States Coast Guard, resident upon the station to coordinate all matters between the United States Coast Guard and the Post and Telegraph Administration. This officer shall be referred to herein as the United States Coast Guard Liaison Officer, Sandur.

IV. **PERIOD OF OPERATION.** The time schedule for transfer of operational and maintenance responsibilities of the Sandur LORAN Station to the Post and Telegraph Administration is changed from 1 July 1962 to 1 January 1962. This agreement will remain in effect until mutually terminated as stated in the Basic Arrangement, dated 27 January 1959. The phrase "Operational and maintenance responsibilities" is defined for the purpose

of this arrangement, as the responsibility to take all necessary and practicable actions, within the limitations of this arrangement, required to maintain continuous radiation of LORAN signals of prescribed specifications in synchronism with the paired stations. This responsibility includes, but is not limited to, all personnel transactions and procedures involving Icelandic personnel required for watchstanding and satisfactory equipment and station maintenance, maintenance of station and personnel records, ordering parts and material and maintenance of adequate supply of such parts and material, preparation and budget estimates and all other administrative functions and duties normally involved in the operation of a station of this sort.

V. CUSTOMS DUTIES, TAXES, ETC. Spare parts, materials, equipment and petroleum products provided by the United States that are required and used for the continued operation and maintenance of the Sandur LORAN station and construction of new facilities upon the Agreed Area are authorized entry into Iceland free of all customs duties, taxes, or other similar charges.

VI. FACILITIES. The Sandur LORAN station consists of all buildings, structures, fences, roadways, improved grounds, antennas, utility plants and systems, waste collection and disposal areas, etc., which have been constructed within the boundaries of the Agreed Area. The United States and NATO will furnish housing within the Agreed area, to the extent of twelve (12) family type apartment units, for eventual use by Icelandic personnel employed by the Post and Telegraph Administration to perform the operation and maintenance functions of the Sandur LORAN station. Assignment of quarters will be administered by the United States Coast Guard Liaison Officer, Sandur, or his designated agent.

VII. CONSTRUCTION, MAINTENANCE, AND REPAIRS. Requirements for new or additional facilities and/or changes to existing facilities will be submitted to the United States Coast Guard Liaison Officer in complete detail for his review and transmission to appropriate Coast Guard authorities. After Approval and allocation of necessary funds, project accomplishment shall be in accordance with terms of the Defense Agreement of 1951, and any supplements thereto.

Maintenance and repairs to existing facilities will be performed by the Post and Telegraph Administration in a manner to insure that facilities are readily available and useable at all times.

In order to keep LORAN equipment up-to-date and at its optimum performance capabilities, occasional minor improvements will be issued by the United States Coast Guard as field changes. The installation of these modification kits are considered a normal maintenance function and will be performed by the Icelandic Post and Telegraph technicians at Sandur. Costs resulting from these modifications will be borne by the United States Coast Guard.

VIII. PERSONNEL. The Post and Telegraph Administration assumes full responsibility for the operation and maintenance of the Sandur LORAN station and will provide capable personnel for this purpose. Acceptance and approval by the United States Coast Guard and NATO user nations of the station operating and maintenance budget estimate or budget estimate revisions, as submitted by the Post and Telegraph Administration, will be

considered as Coast Guard and NATO user nation concurrence with the Post and Telegraph Administration personnel requirements for the station for the budget year.

The United States Coast Guard will maintain a small technical staff at the station to perform liaison and coordination between the Post and Telegraph Administration, United States Agencies, and other stations in the LORAN system, and furnish technical advice and assistance as required. This arrangement will remain in effect until it is mutually determined that United States Coast Guard Personnel are no longer required. Periodic visits by United States Coast Guard or NATO representatives will be permitted as necessary to assure proper functioning of the station in conjunction with other stations of the LORAN systems.

IX. EQUIPMENT. The United States and NATO will furnish all major equipment required for operation and maintenance of the Sandur LORAN station. Small items, such as hand tools and expendable materials, may be supplied either by the Coast Guard or by purchase as necessary by the Post and Telegraph Administration, whichever is more economical. The Post and Telegraph Administration will establish procedures and issue instructions so as to minimize loss or damage to United States and NATO property, including property purchased with reimburseable funds.

X. DISPOSAL. NATO and United States property, equipment, books, hand tools, etc., in the possession of the Post and Telegraph Administration or its employees, may not be disposed of, sold, or placed on loan to any agency or activity without prior approval of the United States Coast Guard Liaison Officer, Sandur or his designated agent.

XI. TRAINING. In addition to the training provided in the Basic Arrangement, the United States Coast Guard will provide technical training for Post and Telegraph Administration replacement personnel in the operation and maintenance of electronics equipment of LORAN "A" and LORAN "C" as required. Personnel required to perform other skills and crafts will be fully qualified prior to employment.

XII. ANCILLARY SERVICES. Continuous reliable communications to the various stations comprising the LORAN system is required, from and of which the Sandur LORAN station is a part. The Post and Telegraph Administration will be responsible in the operation to maintain communications reliability, utilizing equipment and facilities provided by NATO and the United States, and such other equipment as may be necessary.

Procedures for frequency registration will be as contained in paragraph 8 of the Basic Arrangement, dated 27 January 1959.

The LORAN "C" monitor station referred to in paragraph 11 of the Basic Arrangement, dated 27 January 1959, has been discontinued. Any future monitoring requirement will be the subject of a separate agreement.

XIII. OPERATIONAL CONTROL. The United States Coast Guard retains responsibility for coordination and technical regulation of the LORAN "C" system of which the Sandur LORAN station is a part. The United States Coast Guard maintains a liaison officer in Northern Europe for such coordination and technical regulation. This office will issue timely technical instructions and recommendations, as necessary, for coordinated reliable system operation. Such instructions and recommendations issued by the

United States Coast Guard will be followed by the Post and Telegraph Administration. Reports required by the United States Coast Guard reflecting the proper functioning of the system will be prepared and submitted by the Sandur LORAN station, under the direction of the Post and Telegraph Administration, in accordance with United States Coast Guard instructions.

Coordination of the LORAN "A" system, of which the Sandur LORAN station is a part, will be as specified in SACLANT letter, serial 1093, dated 27 October 1960 which is attached and made a part of this agreement.

XIV. BUDGETARY CONSIDERATIONS. In addition to the budgetary considerations contained in paragraph 10 of the Basic Arrangement, the Post and Telegraph Administration will be reimbursed by the United States Coast Guard for all funds expended incidental to its operation and maintenance of the station, and services used in support of the station, as defined in this arrangement. Billing for reimbursement of funds used by the Post and Telegraph Administration in performance of its functions will be prepared and submitted quarterly to the United States Coast Guard Liaison Officer, Sandur, and will be prepared in a format mutually agreed upon between the United States Coast Guard and the Post and Telegraph Administration. Additionally, the Post and Telegraph Administration will prepare and submit to the Coast Guard Liaison Officer, Sandur, an annual estimate of costs for operation and maintenance of the Sandur LORAN station during the following year. The Liaison Officer will review and transmit the estimate to appropriate Coast Guard authority for consideration and modification or approval. This budget estimate will be submitted during the month of November for the following calendar year.

Reimbursement to the Post and Telegraph Administration may be paid in U.S. Dollars or an equivalent amount of Icelandic currency, except that payment of expenses of personnel undergoing training outside of Iceland in a training status will be paid in United States dollars. To finance the operation of the Sandur LORAN station, the Government of Iceland may request an advance of funds from the United States without interest not in excess of the estimated operating costs for three months and the estimated per diem expenses of Icelandic trainees while in the United States. These advances will be liquidated on receipt and approval by the United States of billings for actual costs incurred by the Government of Iceland. The Government of Iceland will be reimbursed for actual costs in excess of the advance of funds or will refund the undisbursed balance of the advance to the United States.

XV. LOGISTICS. Spare parts, materials, equipment, miscellaneous supplies, and services necessary to insure fully operational facilities will be procured from the most expedient and economical sources. Items required and not readily available from normal Post and Telegraph Administration sources may be obtained through United States logistic channels. Requisitions for these materials will be prepared by the Post and Telegraph Administration and submitted to the United States Coast Guard Liaison Officer, Sandur, for entry into the United States logistic system.

High value repairable equipment which cannot be repaired on the station will be properly stored, packed, and returned to the United States, or designated repair facility, for repairs and/or calibration, as required.

All petroleum products used by the station for heating, cooking, electric power production, operation of vehicles and ground powered equipment will be furnished by the United States. Packaged petroleum products

required for the station may be purchased in Iceland by the Post and Telegraph Administration.

The Post and Telegraph Administration will provide transportation services for movement of materials, supplies, equipment, etc., required for the operation and maintenance of the Sandur LORAN station. This includes movement of incoming cargo from the Icelandic vendor or port of entry for United States furnished items, and retrograde cargo from the station to vendor or port of exit for shipments to the United States. Bulk petroleum products provided by the United States will be delivered to the station storage tanks at United States expense, in accordance with existing contracts and agreements.

XVI. SECURITY. The Government of Iceland, through its representatives, will be responsible for internal security and protection of United States and NATO furnished property, and will establish necessary controls to prevent malicious damage or sabotage to the Sandur LORAN station.

Control of visitors to the Sandur LORAN station will be jointly exercised and coordinated by the Post and Telegraph Administration and the United States Coast Guard Liaison Officer, Sandur.

XVII. CLAIMS. Claims against the United States and/or the Government of Iceland brought about from damages to property, injury, or death of members of the United States Forces or Icelandic Nationals will be passed to the appropriate government for action in accordance with provisions of the 1951 Defense Agreement.

XVIII. SUPPLEMENTARY ARRANGEMENTS. Where provisions of this supplement conflict with those of the Basic Arrangement, the provisions of this supplement will apply.

XIX. TERMINATION. After approval and ratification, this supplemental agreement will continue in effect until terminated by mutual agreement, as stated in paragraph 12 of the Basic Arrangement.

XX. EFFECTIVE DATE. This agreement becomes effective 1 January 1962.

In witness whereof, the parties hereto have executed this agreement as of the 23rd day of August 1961

/s/ G. S. Briem
Director General Iceland Post
and Telegraph Administration

/s/ C. L. Olson
United States Coast Guard

RATIFICATION

Approved this 26th day of August 1961

/S/ Ingólfur Jónsson
Minister of Communications

/s/ R. B. Moore
Commander, Iceland Defense Force

FIRST REVISION TO SUPPLEMENTAL ARRANGEMENT NO. 3 (SIGNED ON AUGUST 23RD 1961) TO "ARRANGEMENT FOR A LONG RANGE AID TO NAVIGATION STATION AT SANDUR (SNAEFELLSNES), ICELAND, IN ACCORDANCE WITH THE DEFENSE AGREEMENT OF 1951" DATED 27 JANUARY 1959.

1. Article XIV of subject supplemental arrangement provides that the Iceland Post and Telegraph Administration will prepare and submit to the Coast Guard Liaison Officer, Sandur, an annual estimate of costs for operation and maintenance of the Sandur LORAN Station during the following year, and that this budget estimate will be submitted during the month of November for the following calendar year.
2. Article XIV of subject arrangement is hereby revised in that the aforementioned budget estimate will be submitted by 1 September of each year for the following calendar year.
3. This revision becomes effective upon signature by the parties to subject arrangement.

/s/ G. Briem
DIRECTOR GENERAL, ICELAND POST
AND TELEGRAPH ADMINISTRATION

/s/ C. L. Olson
UNITED STATES COAST GUARD

DATE: July 25, 1962

RATIFICATION

/s/ Ingólfur Jónsson
GOVERNMENT OF ICELAND

/s/ James W.
COMMANDER, ICELAND DEFENSE FORCE
Acting

DATE: Sept. 14, 1962

SUPPLEMENTAL ARRANGEMENT NO.4 TO "ARRANGEMENT FOR A LONG RANGE AID TO NAVIGATION STATION AT SANDUR (SNAEFELLSNES), ICELAND, IN ACCORDANCE WITH THE DEFENSE AGREEMENT OF 1951 DATED 27 JANUARY 1959

I. BASIS. This Supplement supersedes "Supplemental Arrangement No. 3" to the basic Arrangement, and amendments thereto. This Arrangement is made between the United States, represented by the United States Coast Guard and the Government of Iceland, represented by the Post and Telecommunications Administration of Iceland. The LORAN "C" Station specified in the Basic Arrangement, dated 27 January 1959, and the co-located North Atlantic Treaty Organization (NATO) LORAN "A" Station at Sandur will be combined for this Arrangement and will hereinafter be referred to as the "Sandur LORAN Station".

II. PURPOSE. This Arrangement updates Supplemental Arrangement No.3, which assigned the responsibility for operating and maintaining station facilities and equipment, including communications and electronics facilities and equipment, from the United States Coast Guard to the Post and Telecommunications Administration and delineated the functions and responsibilities of each agency.

III. GENERAL. In accordance with the Memorandum of Understanding between the United States and the Government

of Iceland, dated 6 November 1959, the United States will continue to assume host nation responsibilities for the Loran "A" portion of the station with respect to co-ordination (financial, technical and otherwise) with NATO and user nations and with other governments participating in the LORAN "A" system operation. Operating and maintaining Sandur LORAN Station will be the responsibility of the Government of Iceland. Sandur LORAN station consists of all facilities herein described which have been constructed upon an Agreed Area provided by the Government of Iceland in accordance with Article I of the General Annex to the United States - Iceland Defense Agreement of 5 May 1951. Ownership of the various facilities rests with the agency that provided these installations. LORAN "C" facilities remain the property of the United States and LORAN "A" facilities remain the property of NATO. This area remains an agreed area in consonance with the 1951 Defense Agreement between the United States and Iceland.

The United States Coast Guard retains the right to assign an officer or agent designated by the United States Coast Guard as resident upon the station to co-ordinate all matters between the United States Coast Guard and the Post and Telecommunications Administration.

IV. OPERATION AND MAINTENANCE RESPONSIBILITY. The responsibility for operation and maintenance of Sandur LORAN station is construed, for the purpose of this Arrangement,

as the responsibility to take all necessary and practicable actions, within the limitations of this Arrangement, required to maintain continuous radiation of LORAN signals of prescribed specifications in synchronism with the paired stations. This responsibility includes all personnel transactions and procedures involving Icelandic personnel required for watchstanding and satisfactory equipment and station maintenance, maintenance of station facilities and equipment, maintenance of an adequate supply of parts and material, preparation of budget estimates, and all general administrative functions and duties.

V. CUSTOMS DUTIES, TAXES, ETC. Spare parts, materials, equipment and petroleum products provided by the United States that are required and used for the continued operation and maintenance of the Sandur LORAN station and construction of new facilities upon the Agreed Area are authorized entry into Iceland free of all customs duties, taxes, or other similar charges.

VI. FACILITIES. The Sandur LORAN station consists of all buildings structures, fences, roadways, improved grounds, antennas, utility plants and systems, waste collection and disposal areas, etc., which have been constructed within the

boundaries of the Agreed Area. The United States and NATO have furnished housing within the Agreed Area, to the extent of twenty (20) family type apartment units, for use by Icelandic personnel employed by the Post and Telecommunications Administration to perform the operation and maintenance functions of the Sandur LORAN station. Assignment of quarters will be administered by the Post and Telecommunications Administration.

VII. CONSTRUCTION, MAINTENANCE, AND REPAIRS. Requirements for new or additional facilities and/or changes to existing facilities will be submitted to Commander, Coast Guard Activities, Europe in complete detail for review and transmission to higher Coast Guard authority. After approval and allocation of necessary funds, project accomplishment shall be in accordance with terms of the Defense Agreement of 1951, and any supplements thereto.

Maintenance and repairs to existing facilities will be performed by the Post and Telecommunications Administration in a manner to ensure that facilities are readily available and usable at all times.

In order to keep LORAN equipment up-to-date and its optimum performance capabilities, occasional minor improvements will be issued by the United States Coast Guard as field changes. The installation of these modification kits are considered a normal maintenance function and will be performed by the Icelandic technicians at Sandur. Costs

resulting from these modifications will be borne by the United States Coast Guard.

VIII. PERSONNEL. The Post and Telecommunications Administration assumes full responsibility for the operation and maintenance of the Sandur LORAN station and will provide capable personnel for this purpose. Acceptance and approval by the United States Coast Guard and NATO user nations of the station operating and maintenance budget estimates, as submitted by the Post and Telecommunications Administration, will be considered as Coast Guard and NATO user nation concurrence with the Post and Telecommunication Administration personnel requirements for the station. Periodic visits by United States Coast Guard or NATO representatives will be permitted as necessary to assure proper functioning of the station in conjunction with other stations of the LORAN system.

IX. EQUIPMENT. The United States and NATO will furnish all major equipment required for operation and maintenance of the Sandur LORAN station. Small items, such as hand tools and expendable materials, may be supplied either by the Coast Guard or by purchase as necessary by the Post and Telecommunications Administration, whichever is more economical. The Post and Telecommunications Administration will establish inventory procedures, and

issue instructions as necessary, to minimize loss or damage to United States and NATO property, including property purchased with reimbursable funds.

X. DISPOSAL. NATO and United States property, equipment, books, hand tools, etc., in the possession of the Post and Telecommunications Administration or its employees, may not be disposed of, sold, or placed on loan to any agency or activity without prior approval of the United States Coast Guard.

XI. TRAINING. The United States Coast Guard will provide technical training for Post and Telecommunications Administration replacement personnel in the operation and maintenance of electronics equipment for LORAN "A" and LGRAN "C", as required. Personnel required to perform other skills and crafts will be fully qualified prior to employment.

XII. ANCILLARY SERVICES. Continuous reliable communications to the various stations comprising the LORAN system is required, of which the Sandur LORAN station is part. The Post and Telecommunications Administration will be responsible for the maintenance of communications reliability, utilizing equipment and facilities as may be necessary.

The LORAN "C" monitor station referred to in paragraph 11 of the Basic Arrangement, dated 27 January 1959, has been discontinued.

XIII. OPERATIONAL CONTROL. The United States Coast Guard retains responsibility for co-ordination and technical regulation of the LORAN "C" system of which the Sandur LORAN station is a part. Commander, Coast Guard Activities, Europe will issue timely technical instructions and recommendations, as necessary, for co-ordinated reliable system operation, which will be followed by the Post and Telecommunications Administration. Reports required by the United States Coast Guard reflecting the proper functioning of the system will be prepared and submitted by the Sandur LORAN station, under the direction of the Post and Telecommunications Administration, in accordance with United States Coast Guard instructions.

Co-ordination of the LORAN "A" system, of which the Sandur LORAN station is a part, will be as specified in SACLANT letter, serial 1093, dated 27 October 1960, which is attached and made a part of this Arrangement

XIV. BUDGETARY CONSIDERATIONS. In addition to the budgetary considerations contained in paragraph 10 of the Basic Arrangement, the Post and Telecommunications Administration will be reimbursed by the United States Coast Guard for all funds expended incidental to the operation and maintenance of the station, and services used in support of the

station, as defined in this Arrangement. Billings for reimbursement of funds used by the Post and Telecommunications Administration in performance of its functions will be prepared and submitted quarterly to the United States Coast Guard. Additionally, the Post and Telecommunications Administration will prepare and submit annually to the United States Coast Guard an estimate of costs for operation and maintenance of the Sandur LORAN station during the following year. This budget estimate will be submitted by 1 November of each year, covering the following calendar year.

Reimbursement to the Post and Telecommunications Administration may be in U.S. Dollars or an equivalent amount of Icelandic currency, except that payment of expenses of personnel undergoing training outside of Iceland in a training status will be paid in United States dollars. To finance the operation of the Sandur LORAN station, the Government of Iceland may request an advance of funds from the United States without interest not in excess of the estimated operating costs for three months and the estimated per diem expenses of Icelandic trainees while in the United States. These advances will be liquidated on receipt and approval by the United States of billings for actual costs incurred by the Government of Iceland. The Government of Iceland will be reimbursed for actual costs in excess of the advance of funds or will refund or credit the undischarged balance of the advance to the United States.

XV. LOGISTICS. Spare parts, materials, equipment, miscellaneous supplies, and services necessary to ensure fully operational facilities will be procured from the most expedient and economical sources. Items required and not readily available from normal Post and Telecommunications Administration sources may be obtained through United States logistic channels. Requisitions for these materials will be prepared by the Post and Telecommunications Administration and submitted to the appropriate United States Coast Guard Command for entry into the United States logistic system.

High value repairable equipment which cannot be repaired on the station will be properly stored, packed, and returned to the United States, or designated repair facility, for repairs and/or calibration, as required.

All petroleum products used by the station for heating, cooking, electric power production, operation of vehicles and ground powered equipment will be furnished by the United States. Packaged petroleum products required for the station may be purchased in Iceland by the Post and Telecommunications Administration.

The Post and Telecommunications Administration will provide transportation services for movement of materials, supplies, equipment, etc., required for the operation and maintenance of the Sandur LORAN station. This includes movement of incoming cargo from the Icelandic vendor or port of entry for United States furnished items, and retrograde cargo from the station to vendor or port of exit for ship-

ments to the United States. Bulk petroleum products provided by the United States will be delivered to station storage tanks at United States expense, as prescribed by appropriate contracts and agreements.

XVI. SECURITY. The Government of Iceland will be responsible for internal security and protection of United States and NATO furnished property, and will establish necessary controls to prevent malicious damage or sabotage to the Sandur LORAN station.

Control of visitors to the Sandur LORAN station will be jointly exercised and co-ordinated by the Post and Telecommunications Administration and the United States Coast Guard.

XVII. CLAIMS. Claims against the United States and/or the Government of Iceland brought about from damages to property, injury, or death of members of the United States Forces or Icelandic Nationals will be passed to the appropriate government for action in accordance with provisions of the 1951 Defense Agreement.

XVIII. SUPPLEMENTARY ARRANGEMENTS. Where provisions of this Supplement conflict with those of the Basic Arrangement, the provisions of this Supplement will apply.


XIX. TERMINATION. After approval and ratification, this Supplemental Agreement will continue in effect until terminated by mutual agreement, as stated in paragraph 12 of the Basic Arrangement.

XX. EFFECTIVE DATE. This Arrangement becomes effective upon signature by the parties to subject arrangement.

In witness whereof, the parties hereto have executed this Agreement as of the 9th day of September, 1975



Director General, Icelandic Post
and Telecommunications Administration



United States Coast Guard
Commander, Coast Guard
Activities, Europe

15 SEP 1975

Nr.

6-5001

ARRANGEMENT FOR ICELANDIC OPERATION OF LORAN MONITOR FACILITY AT THE U. S. NAVAL STATION, KEFLAVIK, ICELAND

I. BASIS. This arrangement is entered into pursuant to plans for reducing U.S. military personnel in Iceland in accordance with the agreed minute of 22 October 1974. This arrangement is made between the UNITED STATES OF AMERICA, represented by the U. S. Coast Guard, and the GOVERNMENT OF ICELAND, represented by the Post and Telecommunications Administration of Iceland.

II. PURPOSE. This arrangement assigns the responsibility for operating and maintaining the facilities and equipment of the LORAN-C Monitor Station, Keflavik, Iceland (hereinafter denoted as "LORMONSTAKEF"), including communications and electronic facilities and equipment, from the United States Coast Guard to the Post and Telecommunications Administration (hereinafter denoted as "USCG" and "PTA" respectively), and delineates the functions and responsibilities of each agency.

III. OPERATIONAL MISSION AND RESPONSIBILITIES. The mission of LORMONSTAKEF is to control the synchronization of the LORAN-C stations located at Angissoq, Greenland; Sandur, Iceland; Ejde, Faeroe Islands; and such other stations as may be assigned, using operating procedures and tolerances published by the USCG.

IV. CHAIN OPERATIONAL CONTROL OFFICER. The USCG will

retain at the U. S. Naval Station, Keflavik or other suitable location, a Chain Operational Control Officer (hereinafter denoted "COCO") to exercise operational control over assigned LORAN-C stations and over LORMONSTAKEF via teletype communications circuits. The COCO will be a USCG officer with specialized LORAN-C background and knowledge, who will also act as primary liaison officer for routine matters between LORMONSTAKEF and the USCG. PTA will insure that LORMONSTAKEF complies with any and all directions from the COCO which affects the operational mission of the Monitor Station as defined above. 80

V. VISITS AND EQUIPMENT MODIFICATIONS. PTA will permit periodic visits to LORMONSTAKEF by USCG technical personnel, including COCO and his staff, to ensure proper functioning of the Monitor Station as related to its operational mission. In the performance of his duties COCO will have both routine and unscheduled access to the Monitor Station. The installation of equipment modification kits which are periodically issued by the USCG will be performed by PTA; all materials required for these kits will be provided by the USCG at not cost to PTA.

VI. MAINTENANCE AND REPAIR. All maintenance and repair of LORMONSTAKEF equipment and facilities will be performed by PTA. Parts, tools and equipment for this purpose will be procured by PTA by the most expedient and/or economical

method, in accordance with the "Logisitics" Section fo this arrangement. The services of U. S. "HOST" facilities with which LORMONSTAKEF has entered into Support Agreements will be utilized to the maximum possible extent.

VII. FACILITIES AND EQUIPMENT. LORMONSTAKEF consists of allocated spaces in buildings 1650 and T-2453, U. S. Naval Station, Keflavik, and all equipment and office furnishings stored or installed therein. All such furnishings and equipment remain the property of the United States, except those items provided by PTA for which the USCG is not billed. The USCG will furnish all tools, equipment and furnishings required for the operation and maintenance fo the LORMONSTA. PTA will establish inventory procedures such that all items provided by the United States are accounted for; all such items will be disposed of as directed by the USCG when no longer required. All such United States property, equipment, books, tools, etc., in the possession of PTA or its employees may not be disposed of or placed on loan to any agency or activity without prior written approval of the USCG. Requirements for new or additional facilities and/or changes to existing facilities will be submitted by PTA to the USCG for review and programming as necessary. When such projects are approved and funded, accomplishment will be in accordance with the terms of the DEFENSE AGREEMENT of 1951, as amended, and with the regulations of the Naval Station Commander.

VIII. CUSTOMS DUTIES AND TAXES. Spare parts, materials, equipment and consumables provided through United States sources which are required for the continued operation and maintenance of LORMONSTAKEF or for the construction of new facilities will be authorized entry into Iceland free of all customs duties, taxes, or similar import levies.

IX. PERSONNEL. PTA will provide capable personnel for the continued operation of LORMONSTAKEF, and for all maintenance and repair work not coverable by Support Agreement services of the U.S. "HOST" facilities. PTA will recruit, supervise and manage all personnel employed for the operation of LORMONSTAKEF. Rates of pay will conform to scales established by the Icelandic Government; the grade level of each position will be mutually agreed upon by PTA and the USCG; any or all grade levels or complements may be mutually reviewed at any time at the request of either PTA or the USCG.

X. BUDGETARY AND REIMBURSEMENT PROCEDURES. PTA will be reimbursed by the USCG for all funds expended incidental to the manning, operation, and maintenance of LORMONSTAKEF, and for services utilized in the direct support of LORMONSTAKEF. PTA will prepare and submit, by 1 November each year, a budget of all anticipated costs to be incurred during the forthcoming calendar year for the operation and maintenance

of the Monitor Station. Billings for the reimbursement of funds actually used by the PTA in the performance of their responsibilities under this arrangement will be submitted quarterly to the USCG, and immediately processed for payment. The format for the budget and for billings will be as mutually agreed by PTA and the USCG. Reimbursement to PTA may be in either U. S. Dollars or an equivalent amount of Icelandic Kronur at the option of the USCG, except that payment of the expenses of personnel undergoing training in the United States will be in U. S. Dollars. PTA may, at their option, request an advance of funds without interest not to exceed the estimated operating expenses for a three month period, and/or the estimated travel and per diem expenses of Icelandic employees undergoing training in the United States. These advances will be liquidated upon receipt and approval by the USCG of billings for actual costs incurred by PTA.

XI. TRAINING. The USCG will provide training in the operation and repair of specialized LORAN-C monitoring and communications equipment as required, for all station technicians and one technical supervisor. PER DIEM, travel, and tuition expenses will be paid by the USCG as provided above.

XII. LOGISTICS. Spare parts, materials, equipment, consumables, office supplies, and other items required for the operation, maintenance, or repair of facilities of

LORMONSTAKEF will be procured by the most economical means, utilizing local sources, U. S. logistics channels and/or support agreements with elements of U. S. Department of Defense whenever possible. The USCG will establish procedures for procurement via U. S. channels. Materials not normally available by these means, or required for rapid recoument of inoperative station equipment, will be procured by the most expedient and economical sources. High value repairable equipment which cannot be repaired locally will be properly stored, packed and returned to the appropriate facility in the United States for repair and/or calibration, as required. Incoming mail may be processed through the Naval Station Fleet Post Office; outgoing mail will be processed through International or internal mail systems as appropriate.

XIII. SECURITY. PTA will be responsible for security within the LORMONSTAKEF building spaces, and for the protection of U. S. furnished property. PTA will establish the necessary controls to prevent malicious damage or sabotage to the Monitor Station. PTA will comply with all U. S. Naval Station Security regulations, and will cooperate at all times with Naval Station Security Forces. Control of visitors to LORMONSTAKEF will be exercised by PTA.

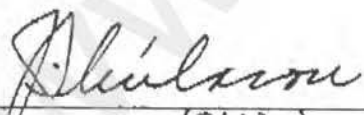
XIV. CLAIMS. Claims against the United States or the Government of Iceland brought about from damage to or loss

of property, injury, or death will be passed to the appropriate government for action in accordance with the provisions of the 1951 Defense Agreement, as amended.

XV. TERMINATION. After the present arrangement has been in effect for a period of two years from its effective date, the parties may consult at the request of one of them with regard to the continuation of operation of LORMONSTAKEF. If the parties cannot come to agreement on the continuation of operation with a period of one year following request for consultation, the station shall cease operation after one year's notice by the interested party. All U. S. furnished equipment may then be removed or otherwise disposed of by the USCG.

XVI. EFFECTIVE DATE. This Arrangement shall become effective 1 July 1976.

IN WITNESS WHEREOF, THE PARTIES HERETO HAVE EXECUTED THIS AGREEMENT:



Director General, Icelandic Post and
Telecommunications Administration

1975-09-09.
(Date)



Commander, Coast Guard
Activities, Europe

9 September 1975
(Date)

Enclosure 4

Environmental Analysis Checklist

www.loran-history.info

ENVIRONMENTAL ANALYSIS CHECKLIST

The following Environmental Analysis Check List is designed to aid the preparer of an Environmental Assessment in locating areas of potential environmental impacts that may be encountered in the planning process. Any item that is marked with a "YES" must be fully addressed in the ensuing Environment Document (EIS or EA). If there is no indication of a problem, simply answer with a "NO". If the item is not applicable, mark "N/A". If the answer to the item is unknown, mark "UNK" and follow up on that issue in the Environmental Document.

Project Description:

ICELANDIC LORAN-C CHAIN CLOSURE: LORAN MONITOR STATION KEFLAVIK

Targeted Activity Fiscal Year: 1995
Prepared by: LT NGUYEN HA N. Q. JA Date: 28 NOV 94
Title: ASSISTANT CHIEF, ENG. DIVISION Unit: ACTEUR

Reviewed by: LCDR R. M. LOESCH, CHIEF, ENGINEERING DIVISION 12/8/94

Follow-on Action: NONE

Indicate One
Yes, No, N/A, UNK

1. Effects on Land Use Patterns.

- a. Is the proposed use of the project site inconsistent with land use in the area N/A
- b. Does the project conflict with local zoning ordinances? NO
- c. Has any controversy over land use arisen with other agencies or the public? NO
- d. Will the project result in the relocation of private residence? NO
- e. Will the project result in private businesses? NO
- f. Will the project result in a public access through the area? NO
- g. Is the proposed architecture inconsistent with the surrounding architecture or landscape?

2. Effects on the Social Environment.

- a. Will the project involve a significant increase in the population of the community? NO
- b. Will the population increase involve an increase in the population density of the area? NO
- c. Will the project require the construction of government housing either now or at a later date? NO
- d. Is there a shortage of support facilities for personnel including schools, hospitals, shopping facilities and recreation facilities? NO
- e. Will the influx of Coast Guard personnel significantly tax these support facilities? N/A
- f. Will the project involve an increased load on utilities, particularly municipal water supplies and sewage disposal facilities? NO
- g. Will the project have a significant effect on the economic activities of the area? NO
- h. Will the project have a significant effect on any parts or recreation areas? NO

3. Effects on Transportation.

- a. Will the project involve significant increased vehicle traffic on surrounding streets and highway either during construction or operation? NO
- b. Will the project involve increased waterway traffic either during construction or operation? NO

Indicate One
Yes, No, N/A, UNK

- c. Will the project require rerouting of roads? NO
- d. Will the project require rerouting of traffic during construction? NO
- e. Is the project located near any existing bottleneck in vehicle or vessel traffic such as a bridge, intersection, bend in the waterway, restricted channel, etc.? NO
- f. Is the project likely to create any such obstruction either during construction or operation? NO
4. Effects on Public Safety.
- a. Will the project require the storage of explosives? NO
- b. Will the project require the storage of large amounts of fuel? NO
- c. Will the project include the construction of radio antennae or high voltage radar or microwave structures? NO
- d. Will the project include landing facilities for Coast Guard aircraft? NO
- e. Will the public have open access to hazardous areas? NO
- f. Will the project require the storage, treatment, handling, or disposal of hazardous wastes? YES
5. Effects on Noise Levels.
- a. Will construction of a facility significantly increase the ambient noise levels of the area? NO
- b. Will operation of the facility increase the ambient noise level of the area? (Includes operation of machinery, vehicles, vessels, aircraft, loudspeaker systems, alarms, etc.) NO
- c. Will noise levels above the ambient noise levels, from operation at the facility, generally occur past normal working hours? (0700-1800) NO
- d. Will construction activities at the site continue past normal working hours? (0700-1800) NO
- e. Will operations at the facility include the use of equipment with unusual noise characteristics? NO
6. Effects on Air Quality.
- a. Will construction activities adversely affect the ambient air quality due to dust, emission from construction vehicles, open burning, etc.? (Contact state and local Air Quality Agency for determination.) N/A
- b. Will operation of vehicles, vessels or aircraft at the completed facility adversely affect the ambient air quality: (Contact state and local Air Quality Agency for determination.) NO

Indicate One
Yes, No, N/A, UNK

- c. Will dredging activities result in the release of noxious odors? N/A
- d. Will industrial activities at the facility result in toxic or unusual air emissions? NO
- e. Will open burning be carried out at the completed facility? NO
- f. Will local burning permit be required? NO
- g. Does the action conform to the existing Government of Iceland and U. S. Government agreements and subsequent negotiations. YES

7. Effects on Water Resources.

- a. Will the project require any dredging below the MHW line, ordinary high water line, or near or in any wetlands, waterways, or other contiguous bodies of water? NO
- b. Will there be any waterway construction (i.e., piers, docks, dolphins, jetties, ramps, etc.)? If yes, Corps of Engineers Sec. 404 permit may be required. NO
- c. Will there be any filling below MHW required? If yes, Corps of Engineers Sec. 404 permit may be required. NO
- d. Will there be any modification of the stream bed or banks of a waterway? NO
- e. Will there be any diversion of flow in the waterway? NO
- f. Will construction in adjacent waterways result in alteration of the sedimentation characteristic of the waterway? NO
- g. Will waterfront construction result in an increase in water turbidity? NO
- h. Will operation of vessels at the facility result in bank erosion due to vessel wake? NO
- i. Will a Corps of Engineers Section 404 permit be required? (Contact local USACE Office for a determination.) NO
- j. Will sewage waste water or other pollutants be discharged into an adjacent waterway? NO
- k. Will an Environmental Protection Agency (EPA) and state permit be required to discharge sewage or waste waters into adjacent waterways? (Contact EPA and State Water Quality Offices for determination.) NO
- l. Will the project result in upland pollutants flowing into adjacent waterways? NO
- m. Will water runoff laden with silt from an uncovered and unprotected construction site be allowed? NO
- n. Will construction related debris enter adjacent waterways? NO

Indicate One
Yes, No, N/A, UNK

- o. Will the project require construction of a well or water intake structure in a nature waterway? (Contact local water and health authorities for possible requirements and permits.) NO
- p. Will the construction of a well or intake structure significantly deplete available water resources? NO
- q. Will there be any contamination of underground aquifers involved in the project or any adverse impact on an EPA designated sole source aquifer? NO
- r. Will dockside sewage and bilge water collection systems require local and state permits? NO
- s. Will the temperature of the surrounding water be raised by any discharges resulting from the construction of operation of the project? NO
- t. Is there a significant possibility of accidental spills of oils, hazardous or toxic materials? NO
8. Effects on Wetlands, Wildlife and Farmlands.
- a. Will the project require the removal of any marine/aquatic vegetation? NO
- b. Will the project require the significant removal of any terrestrial vegetation? NO
- c. Will the project involve construction in marshland or wetlands areas? NO
- d. If dredging is required, will the spoil be deposited in a marshland or wetland area either on or away from the project site? NO
- e. Are there any known rare or endangered species inhabiting the project site? NO
- f. Is the project site within the range of any known threatened or endangered species? NO
- g. Is the project located inside or near a wildlife refuge or wildlife conservation area? NO
- h. Have the Corps of Engineers, U. S. Fish and Wildlife Service and state fish and wildlife agencies determined that there are significant adverse impacts to any marshland, wetlands and/or wildlife associated with the project area? N/A
- i. Will farmlands or potential farmlands be lost through Coast Guard use? NO
- j. Has the U. S. Soil Conservation Service's State Conservationist objected to the loss of any farmlands? N/A
- k. Has Soil Conservation Service Form #AD-1006 been completed? N/A

Indicate One
Yes, No, N/A, UNK

9. Effects on Coastal Zone Resources.
- a. Does the proposed activity or project require a Coastal Zone Consistence? NO
 - b. Does the proposed activity effect a barrier island?
(If yes, consultation with the U. S. Fish and Wildlife Service is required.) NO
10. Effects on Public Lands.
- a. Does the project involve land which is either presently used as a public park or recreation area, or is scheduled for public recreation use in the future? (Contact local or regional planning agency.) NO
 - b. Does the project restrict any access to any public park or recreation area? NO
 - c. Will such an archaeological or historical site or structure be altered by the project? NO
 - d. Does the project impact or restrict access to any public use property or facilities? NO
11. Effects on Archaeological or Historical Sites.
- a. Is the project site located in any area of archaeological, cultural, or historical significance? (Contact the State Historical Preservation Officer (SHPO) for determination.) NO
 - b. Is the project site located near any historical site or structure? NO
 - c. Is the project located near any public park or recreation area? NO
 - d. Does the project restrict access to any site or structure of historical or archaeological significance? NO
12. Notification of and Comments from Public Agencies and Public Interest Groups.
- a. Have appropriate state, regional, and local governments raised objections to the proposed project? NO
 - b. Have the State Historical Preservation Officer raised objections to the proposed project. (National Historic Preservation Act.) NO
 - c. Has the State Coastal Zone Management Officer raised objections to the proposed project? (Coast Zone Management Act.) N/A
 - d. Has the U. S. Fish and Wildlife Service raised objections to the proposed project in regard to fishery and wildlife protection (Fish and Wildlife Coordination Act), endangered species (Endangered Species Act), or habitat protection (Protection of Wetlands - Executive Order 11990)? N/A
 - e. Has the Corps of Engineers raised objections to the proposed project in regard to floodplain construction (E.O. 11296) and water quality (Clean Water Art)? N/A

Indicate One
Yes, No, N/A, UNK

f. Has the EPA raised objections to the proposed project in regard to air quality (Clean Air Act), and water quality (Clean Water Act)?

NO

g. Has any public park or recreational area, wildlife or waterfowl refuges, or historic sites of national, state, or local significance been affected directly or indirectly (Department of Transportation Act - Section 4(f))?

NO

h. Has any public interest group (e.g., Sierra Club or League of Women Voters) raised any objections to the proposed projects?

NO

13. Summary of Permits Required (If Any):

See Attached International Agreement between U.S.
Government and Government of Iceland

14. Outstanding Issues to be Resolved:

Interagency negotiation between US Coast
Guard and NAS Keflavik for the turn
over of the properties.

Enclosure 5

Assessment of Past Practices

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**ENVIRONMENTAL ASSESSMENT
OF PAST PRACTICES
UNITED STATES COAST GUARD-
ACTIVITIES EUROPE
LORAN C MONITOR STATION
KEFLAVIK, ICELAND**

**Prepared by:
SAIC
11251 Roger Bacon Drive
Reston, Virginia 22090**

**Prepared for:
The Volpe National Transportation Systems Center
55 Broadway
Cambridge, Massachusetts 02142**

and

**Commandant
United States Coast Guard Headquarters
Civil Engineering Division (G-ECV-1)
2100 Second Street, S.W.
Washington, DC 20593**

**Omni Contract No. DTRS-57-89-D-0-0090, RA 2062
SAIC Project No. 01-830-03-2274-XXX**

November 9, 1993

TABLE OF CONTENTS

<u>SECTION</u>	<u>PAGE</u>
EXECUTIVE SUMMARY	ES-1
1.0 INTRODUCTION	1
1.1 Background	1
1.2 Technical Approach	1
1.3 Report Format	2
2.0 LORAN C MONITOR STATION, SHETLAND ISLAND, SCOTLAND	3
2.1 Conduct of Assessment	3
2.2 Overview of the Site	4
2.3 Assessment of Past Practices	4
2.4 Findings	8

EXECUTIVE SUMMARY

SCOPE OF STUDY

Science Applications International Corporation (SAIC) visited the United States Coast Guard Loran C Monitor Station in Keflavik, Iceland, on June 22, 1993. The purpose of the visit was to conduct an environmental assessment of past practices at the station. The objective of the environmental assessment is to identify existing or potential environmental concerns associated with past practices at the station. This report presents the environmental assessment of past practices at the Loran C Monitor Station, Keflavik, Iceland.

FINDINGS

The findings, which represent known or potential environmental concerns, are as follows:

- Information was not available pertaining to past waste management practices by the U.S. Navy at Naval Building 1650. The Loran C Monitor Station occupies the south wing of the building.
- Soil located in the immediate vicinity of the south wing apparently was contaminated in the past with petroleum. The extent of contamination is not known or whether other contamination was present as well. The contamination apparently has been removed according to information which appears on an engineering drawing dated 7/22/83 (see Attachment 2).
- Inside the Monitor Station Building, there are at least 21 Radio Frequency (RF) filters which are wall-mounted. Several of these filters are leaking fluid down the front surface of the RF filters. It is not known whether the fluid contains PCBs. No action has been taken to control the leaks or to remove the leaking filters from the building.

The U.S. Coast Guard reportedly does not own these filters. The U.S. Navy, which formerly occupied this area of the building and used the filters to support a U.S. Navy electronic monitoring/surveillance program, left behind the RF filters behind when it vacated the building area in 1970.

- The U.S. Coast Guard removed a "dummy load" (resistor) from the building in 1990. The unit was believed to have contained fluid although it is not known whether the fluid contained PCBs. The unit was disposed of by the Navy Hazardous Material Branch. There is no written documentation for the transfer of this unit to the Navy or what became of the unit once it was received by the U.S. Navy.
- There is a dumpster at the station which has not been emptied for at least one year. The U.S. Coast Guard has disposed of wastes in this dumpster. A visual inspection of the contents does not indicate an environmental concern.

1.0 INTRODUCTION

1.1 BACKGROUND

The Volpe National Transportation Systems Center (the Volpe Center) is assisting the United States Coast Guard (U.S. Coast Guard) with a Congressional mandate to carry out a program of environmental compliance and restoration (EC&R) at current and former U.S. Coast Guard facilities. The mission of the EC&R program includes: identifying, investigating, and cleaning up contamination from hazardous substances and pollutants; correcting other environmental damage that poses an imminent and substantial danger to the public health or welfare, or danger to the environment; and preventing contamination from hazardous substances and pollutants at current U.S. Coast Guard facilities.

Under a Technical Task Directive (TTD), the Volpe Center contracted Science Applications International Corporation (SAIC) to assist the U.S. Coast Guard with the EC&R program. The requirements of this TTD are to conduct assessments of past practices and environmental compliance evaluations at 68 selected U.S. Coast Guard facilities to determine: 1) if contamination of the environment has occurred and the extent of such contamination; 2) whether or not the facility is complying with applicable Federal, state, and local environmental laws and regulations; and 3) the need for further action.

The U.S. Coast Guard - Activities Europe (ACTEUR) has identified several stations for an environmental assessment of past practices. The U.S. Coast Guard plans to terminate operations at these stations by the end of 1994. The assessment will identify, among other things, existing or potential environmental concerns associated with past practices at the facility. This report presents the environmental assessment of past practices at the U.S. Coast Guard Loran C Monitor Station, Keflavik, Iceland.

1.2 TECHNICAL APPROACH

The environmental assessment of past practices consisted of a review of records at ACTEUR; an on-site visual assessment of the station; and interviews with station personnel as appropriate. Information reviewed during the assessment, where available, included:

- Engineering drawings of the facility;
- Past and present practices pertaining to the storage, handling, and/or use of hazardous materials and hazardous wastes at the site, including the types and quantities of materials and wastes managed;
- Maintenance and inspection activities for areas where hazardous materials and wastes are or were stored or used;
- Identification of current and former underground storage tanks and aboveground storage tanks including location, size, contents, containment, and closure documentation; and
- Existing contamination at the facility including source, extent, and remedial efforts to date.

13 REPORT FORMAT

The results of the environmental assessment are presented in Section 2 and provide the following information for the assessment:

- Section 2.1 - Conduct of Assessment
- Section 2.2 - Overview of the Site
- Section 2.3 - Assessment of Past Practices
- Section 2.4 - Findings

Supporting documentation for the assessment is provided as attachments.

2.0 ENVIRONMENTAL ASSESSMENT OF PAST PRACTICES

2.1 CONDUCT OF ASSESSMENT

Mr. Ronald Scullin, P.E. of SAIC performed a records review of relevant environmental documents at the ACTEUR office in London. The records review was performed by Mr. Scullin in June and August 1993 in conjunction with various site assessments at overseas Loran C Stations. A review of records at ACTEUR revealed few records of importance to the environmental assessment of the Loran C Monitor Station at Keflavik, Iceland.

An in-briefing was conducted by SAIC on June 16, 1993, with CAPT Lawrence Somers and LCDR Robert Loesch to describe the purpose of the environmental assessments and the procedures for performing the assessments at ACTEUR Loran C Stations and Monitor Stations.

On June 22, 1993, Mr. Scullin of SAIC conducted an on-site assessment of past practices of the Loran C Monitor Station at Keflavik, Iceland. During the assessment, Mr. Scullin was accompanied by Bjarni Magvinnsson, Station Leader at the Monitor Station and who has worked at the station since 1970; Mr. Birgir Oskarsson, Loran C Operations and Maintenance Coordinator, Post and Telecommunication Administration, Reykjavik, Iceland; and LCDR Rob Loesch, U.S. Coast Guard, ACTEUR, London. A copy of engineering drawings was provided by Mr. Bjorn Petursson, Director of the Engineering Division, Public Works Department, U.S. Navy, Naval Air Station, Keflavik, Iceland.

Photographs taken during the on-site assessment are presented in Attachment 1.

An out-briefing was conducted at ACTEUR, London, on June 23, 1993. In attendance were CAPT Lawrence Somers, LCDR Robert Loesch, LCDR Walt Veselka, and CDR Tom Hathaway of the U.S. Coast Guard - ACTEUR, London; and Ronald Scullin of SAIC. The out-briefing presented the preliminary findings and observations of the on-site assessment. The out-briefing also served to clarify any outstanding issues which were not resolved during the on-site assessment.

2.2 OVERVIEW OF THE SITE

The U.S. Coast Guard Loran C Monitor Station, Keflavik, Iceland, is located at the U.S. Naval Air Station at Keflavik. The U.S. Coast Guard is a tenant at the Naval Air Station. The Loran C Monitor Station is located on the coast and southeast of the Naval Air Station airport. The North Atlantic Ocean borders the site along the southeast (see Figure 1).

The mission of the Loran C Monitor Station (i.e., station) has been to monitor radionavigational signals from Loran C Stations in the North Atlantic. The station began monitoring operations in 1970 and is expected to terminate all activities in 1994.

The site has very few features of significance (see Attachment 2 for an engineering drawing of the station; and Attachment 3 for building plans and information sheets of the station). The site includes:

- Naval Station Building 1650 of which the U.S. Coast Guard is a tenant in the "south wing" of the building;
- a garage; and
- communication and monitoring antennae.

There are no wells at the monitoring site as potable water is provided by the Naval Air Station. There are reportedly no underground storage tanks at the site. One septic tank is located south of the building which discharges wastewater to the open sea.

There is no housing provided at the Loran C Monitor Station. Station personnel reside at neighboring communities (e.g., Keflavik).

2.3 ASSESSMENT OF PAST PRACTICES

The U.S. Coast Guard became a tenant of Building 1650 in 1970 when the Navy vacated the south wing of the building. The Navy has maintained an electronic monitoring/surveillance program from this building for many years (see Photos 1, 2, and 3).

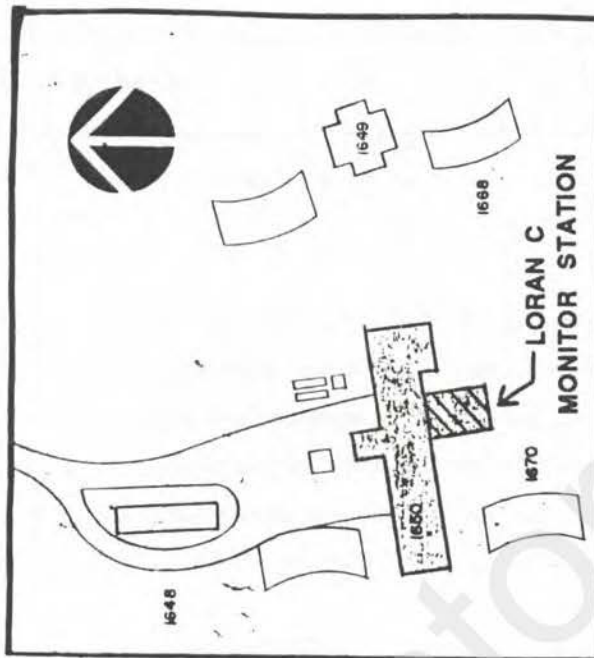
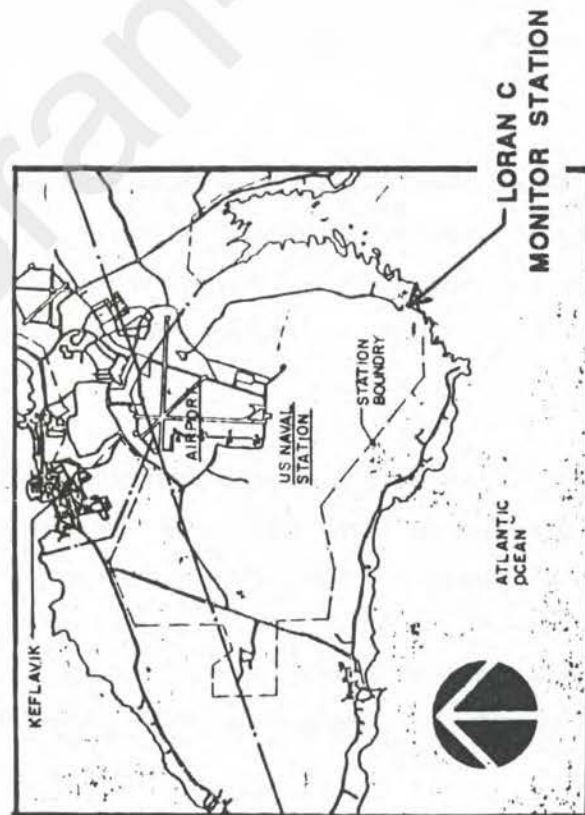


Figure 1. Location Drawing and Site Drawing of Loran C Monitor Station, Keflavik, Iceland.

Source: U.S. Coast Guard - ACTEUR, London; and Public Works Department, Naval Air Station, Keflavik, Iceland.



The past activities of the Navy at this site are not well known. No one present at the on-site assessment could address the past waste management practices of the Navy at the Building 1650 or the area surrounding the building. The building area occupied by the U.S. Coast Guard was known to be formerly a "transmitter room" for the U.S. Navy. Presumably when the Navy vacated south wing in 1970, electronic equipment including transformers and capacitors were removed. Station personnel did not know how the equipment was removed or to where.

Based on the review of an engineering drawing (ref: Naval Station/Keflavik, Iceland, Repairs/Dye 5 & Loran, Building 1650, Plans & Details, NAVFAC Drawing No. 4097817, sheet 1 of 3, dated 7/22/83, see Attachment 2), there apparently has been petroleum contamination at the building. A note on the drawing indicates the former presence of oil-contaminated soil around the south and east sides of the building which are in the immediate vicinity of the south wing. No other information was available regarding this contamination or other possible environmental concerns related to past (or present) Navy operations at Building 1650.

The U.S. Navy is responsible for the maintenance of Building 1650, including servicing and maintaining the heating oil aboveground storage tank located adjacent to the boiler room on the south side of the building (see Photo 4). The tank lacks secondary containment and the stones beneath the tank appeared to be lightly discolored indicating possibly some spillage during fill operations.

The interior of the monitor station building (i.e., south wing of Building 1650) appears clean and well organized. Inside the building are an electric repair shop, stock room, operations room including two monitors/receivers, kitchen, lounge, and store room.

Among materials used and stored inside the building are gel cell batteries; lead-acid batteries; and small quantities of grease, lubricating oil, turpentine, enamel spray paint, silicone spray lubricants, trichlorofluoroethane, and freon. There is no written inventory of hazardous materials at the station. The material containers appeared well maintained. There was no visual evidence of spills or releases of materials from the containers.

The building interior may have asbestos-containing material (ACM), including floor tile (e.g., vinyl asbestos tile was identified on an engineering drawing) and ceiling tile. No asbestos survey reportedly has been performed for the building. The suspect-ACM appeared to be non-friable and well maintained.

Inside the stock room are at least 21 radio frequency (RF) filters which are wall-mounted (see Photo 5). Several of these filters are leaking oil (possibly a PCB-containing fluid). No action has been taken to stop the

leaks or remove the leaking filters from the building. The RF filters were left in the building when the U.S. Navy vacated the south wing in 1970. The U.S. Coast Guard has not used or moved the RF filters since occupying the building in 1970. The pertinent information on the manufacturer of the RF filters is as follows:

Filtron
R.F. Interference Filter
Type FA 4805
25 Amps, 250 VAC, 60 Cycles
The Filtron Company, Inc.
Flushing, N.Y. and Culver City, CA.

Reportedly, there are no radioactive materials used inside electric equipment at the station.

In 1990, an RF "dummy load" (i.e., resistor) was removed from the building. The dummy load reportedly contained a petroleum liquid although it is not known if the liquid contained PCBs. At the request of the U.S. Coast Guard, the Navy Hazardous Material Branch (from the Naval Air Station) received the load from the station. It is not known what became of the load. There is no documentation regarding the transfer of the load by the U.S. Coast Guard to the Navy Hazardous Material Branch.

There is a garage located southeast of the south wing. The garage is used by personnel from the Loran C Monitor Station for storage of a variety of items, including paint, oil and gasoline (in small volume containers), lawn mower, and tires. The garage contents appeared cluttered but relatively clean. The three vehicles operated by station personnel are (and always have been) serviced at local service stations and not at the station.

The land surrounding the building is relatively flat. There is considerable debris along the shore where high tides and storms have washed debris from the ocean (see Photo 6). Wind also distributes debris along the beach. A visual inspection of the debris (including metal cans and metal drums) did not indicate an obvious environmental concern. One rusty metal drum lying on its side contained several gallons of liquid which probably was sea water. There was a hole in the top of the drum.

There are some wastes farther inland from the shore (and northeast of the building) which appear to be the remains of former structures. The wastes include pipe and steel (see Photo 7). It is not known why these wastes are here or who is responsible for them.

The shoreline appeared to be clean except for debris which is deposited from the ocean. The station has a septic tank which discharges to the ocean via a 12-inch diameter outfall pipe (see Photo 8). High tide typically carries away any solid wastes which may accumulate at the outfall discharge.

Wastes produced by the U.S. Coast Guard have been typically placed inside a metal dumpster outside the building. This dumpster is used by the occupants of Building 1650, including the U.S. Coast Guard. The dumpster is emptied by the U.S. Navy (or Navy contractor) and the contents are disposed of on-site at a designated location at the Naval Air Station. An inspection of the dumpster contents did not reveal an environmental concern with the wastes.

One other dumpster is present at the station and has not been emptied for the last year. The U.S. Coast Guard (and others) have placed wastes into this dumpster. The dumpster was full of wastes and, based on a visual inspection, the wastes did not appear to be of environmental concern. The reason for the dumpster not having been emptied is reportedly because the mechanical equipment present on the current waste removal trucks is not compatible with the hardware/container configuration of the dumpster.

2.4 FINDINGS

Following are the findings of the environmental assessment. The findings represent known or potential environmental

- Information was not available pertaining to past waste management practices by the U.S. Navy at Naval Building 1650
- Soil located in the immediate vicinity of the south wing apparently was contaminated in the past with petroleum. The extent of contamination is not known or if other contamination was present as well. The contamination apparently has been removed according to information which appears on an engineering drawing dated 7/22/83 (see Attachment 2).
- Inside the Monitor Station Building, there are at least 21 Radio Frequency (RF) filters which are wall-mounted. Several of these filters are leaking fluid down the front surface of the RF filters. It is not known whether the fluid contains PCBs. No action has been taken to control the leaks or to remove the leaking filters from the building.

The U.S. Coast Guard reportedly does not own these filters. The U.S. Navy, which formerly occupied this area of the building and used the filters to support U.S. Navy electronic monitoring operations, left the RF filters behind when it vacated the building area in 1970.

- The U.S. Coast Guard removed a "dummy load" (resistor) from the building in 1990. The unit was believed to have contained fluid. It is not known whether the fluid contained PCBs. The unit was disposed of by the Navy Hazardous Material Branch. There is no written documentation for the transfer of this unit to the Navy or what became of the unit.
- There is a dumpster at the station which has not been emptied for at least one year. The U.S. Coast Guard has disposed of wastes in this dumpster. A visual inspection of the contents does not indicate an environmental concern.

Enclosure 6

SF 118
SF 118A
SF 118B
SF 118C

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REPORT OF EXCESS REAL PROPERTY

1. HOLDING AGENCY NO.	DATE RECEIVED (GSA use only)
2. DATE OF REPORT 8 Dec 94	GSA CONTROL NO. (GSA use only)

3. TO (Furnish address of GSA regional offices)
 General Services Administration

4. FROM (Name and address of holding agency)
 COMMANDER
 USCG ACTIVITIES EUROPE, PSC 802 BOX 50
 FPO AE 09499-1400

5. NAME AND ADDRESS OF REPRESENTATIVE TO BE CONTACTED
 COMMANDER (e)
 USCG ACTIVITIES EUROPE, PSC 802 BOX 50
 FPO AE 09499-1400

6. NAME AND ADDRESS OF CUSTODIAN
 COMMANDER
 USCG ACTIVITIES EUROPE, PSC 802 BOX 50
 FPO AE 09499-1400

7. PROPERTY IDENTIFICATION
 LORAN MONITOR STATION KEFLAVIK, ICELAND

8. PROPERTY ADDRESS (Give full location)
 LORAN MONITOR STATION KEFLAVIK
 US NAVAL AIR STATION
 KEFLAVIK AIRPORT, ICELAND

9. SPACE DATA						10. LAND	
USE	NUMBER OF BUILDINGS (1)	FLOOR AREA (Sq. Ft.) (2)	NUMBER OF FLOORS (3)	FLOOR LOAD CAPACITY (4)	CLEAR HEADROOM (5)	(From SF 118b)	ACRE OR SQUARE FEET
A. OFFICE	1	2300	1			A. FEE	
B. STORAGE						B. LEASED	
C. OTHER (See 9 F)	1	3400	2			C. OTHER	
D. TOTAL (From SF 118a)		5700				D. TOTAL	
E. GOVT INTEREST:			F. SPECIFY "OTHER" USE ENTERED IN C ABOVE				
(1) OWNER	0	0	HOUSING DUPLEX.				
(2) TENANT	0	0					

11. COST TO GOVERNMENT			12. LEASEHOLD(S) DATA (Use separate sheet if necessary)		
ITEM	SCHEDULE	COST	A. TOTAL ANNUAL RENTAL		
A. BUILDINGS, STRUCTURES, UTILITIES, AND MISCELLANEOUS FACILITIES	A (Col. d)	\$ 0.00	B. ANNUAL RENT PER SQ. FT. OR ACRE	\$	
B. LAND	B (Col. f)		C. DATE LEASE EXPIRES		
C. RELATED PERSONAL PROPERTY	C (Col. h)		D. NOTICE REQUIRED FOR RENEWAL		
D. TOTAL (Sum of 11A, 11B, and 11C)		\$	E. TERMINAL DATE OF RENEWAL RIGHTS		
E. ANNUAL PROTECTION AND MAINTENANCE COST (Government-owned or leased)		0.00	F. ANNUAL RENEWAL RENT PER SQ. FT. OR ACRE	\$	
			G. TERMINATION RIGHTS (in days)		
			LESSOR	GOVERNMENT	

13. DISPOSITION OF PROCEEDS

14. TYPE OF CONSTRUCTION

15. HOLDING AGENCY USE
 COAST GUARD LORAN MONITOR FACILITIES

16. RANGE OF POSSIBLE USES
 NONE

17. NAMES AND ADDRESSES OF INTERESTED FEDERAL AGENCIES AND OTHER INTERESTED PARTIES
 NONE

18. REMARKS
 UPON DISESTABLISHMENT OF LORAN MONITOR STATION KEFLAVIK, THE PROPERTIES WILL BE TRANSFERRED BACK TO THE US NAVY IN ACCORDANCE WITH THE INTERAGENCY AGREEMENT BETWEEN THE US NAVY AND COAST GUARD. EQUIPMENT IN THE PERSONAL PROPERTY INVENTORY IS NOT NEEDED IN CG INVENTORY.

19. REPORT AUTHORIZED BY	NAME R. M. LOESCH, LCDR, USCG	SIGNATURE 
	TITLE CHIEF, ENGINEERING DIVISION	

**BUILDINGS, STRUCTURES, UTILITIES, AND
 MISCELLANEOUS FACILITIES**

118-202

SCHEDULE A - SUPPLEMENT TO REPORT OF EXCESS REAL PROPERTY

1. HOLDING AGENCY NO.

2. PAGE 1 OF 1 PAGES
 OF THIS SCHEDULE

GSA CONTROL NO. (GSA use only)

96-001-955

3. ANNUAL RENTAL

N/A

LINE NO. (a)	HOLDING AGENCY BUILDING NO. (b)	DESCRIPTION (c)	COST (d)	OUTSIDE DIMENSIONS (e)	FLOOR AREA (Sq. Ft.) (f)*	NO. OF FLOORS (g)*	CLEAR HEAD-ROOM (h)*	FLOOR LOAD RANGE (i)*	RESTRICTIONS ON USE OR TRANSFER OF GOVERNMENT INTEREST (j)
1	1650	MONITOR STATION'S OFFICE: Wood construction with metal sidings on concrete foundation.. South wing of the US Naval Air Station Buildg No. 1650.			2300	1			
2									
3									
4									
5									
6									
7	1002	HOUSING DUPLEX: Wood construction on concrete foundation..			3400	2			
8									
9									
10									
11		GARAGE: Wood construction on concrete foundation..			700	1			
12									
13									
14									
15									
16									
17									
18									
19									
20									
21									
22									
23									
24									
25									
26									
27									
28									
29									
30									
31									
32									
TOTAL									6400

* Prefix figures with symbols to denote type of space, as follows: (a) for office; (b) for storage; (c) for other.

LAND

SCHEDULE B - SUPPLEMENT TO REPORT OF EXCESS REAL PROPERTY

1. HOLDING AGENCY NO.
 96-001-95S

2. PAGE 1 OF 1 PAGES
 OF THIS SCHEDULE

3. GOVERNMENT INTEREST
 LEASE LICENSE
 PERMIT EASEMENT
 FEE INFORMAL
 AGREEMENT

GSA CONTROL NO. (GSA use only)

LINE NO.	TRACT NO. (b)	NAME OF FORMER OWNER OR LESSOR AND ADDRESS (c)	TRACT ACQUIRED (Acres or sq. ft.) (d)	EXCESS REAL PROPERTY			TYPE OF ACQUISITION (h)	RESTRICTIONS ON USE OR TRANSFER OF GOVERNMENT INTEREST (i)
				ACRES OR SQUARE FT. (e)	COST (f)	ANNUAL RENTAL (g)		
1		GOVERNMENT OF ICELAND						
2		NO LAND TO BE RETAINED						
3								
4								
5								
6								
7								
8								
9								
10								
11								
12								
13								
14								
15								
16								
17								
18								
19								
20								
21								
22								
23								
24								
25								
26								
27								
28								
29								
30								
31								
32								
TOTAL								

Enclosure 7

Photographs

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MONITOR STATION/OFFICE AND GARAGE



HOUSING DUPLEX



MONITOR ANTENNAS (TYPICAL)



SOME LORAN MONITOR EQUIPMENT LOCATED IN STATION OFFICE SPACE

Enclosure 8

Vicinity Map

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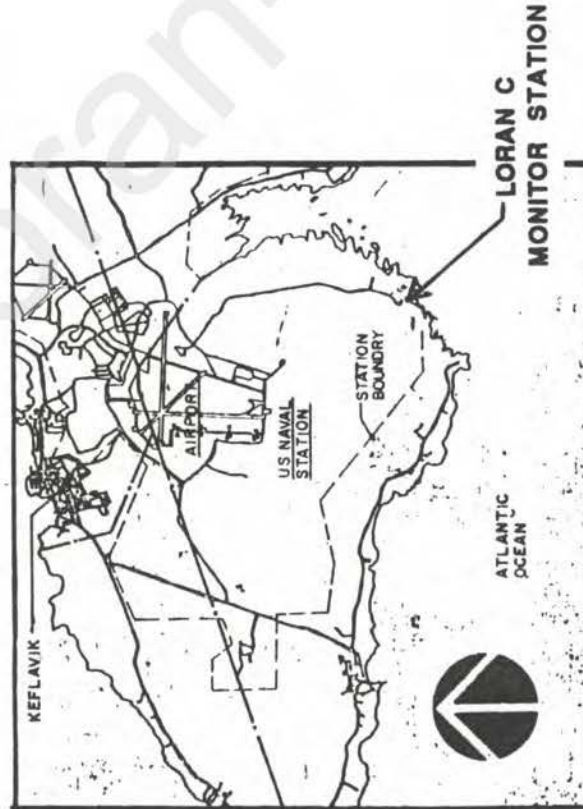
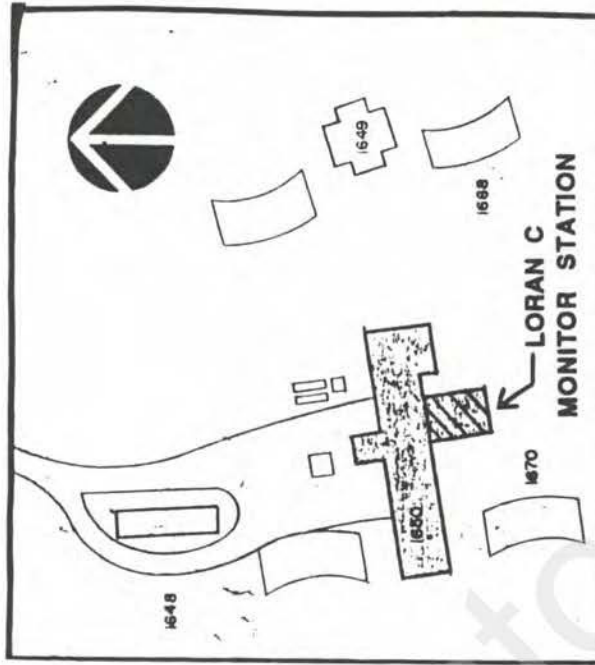
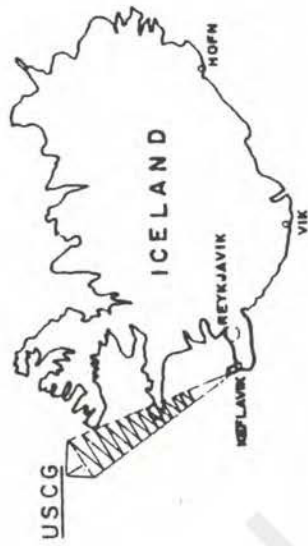


Figure 1. Location Drawing and Site Drawing of Loran C Monitor Station, Keflavik, Iceland.

Source: U.S. Coast Guard - ACTEUR, London; and Public Works Department, Naval Air Station, Keflavik, Iceland.

Enclosure 9
Engineering Certification

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ENGINEERING CERTIFICATION

FOR

LORAN MONITOR STATION KEFLAVIK, ICELAND

I hereby certify that the engineering aspects of the enclosed documents and all attachments thereto are complete and accurate pursuant to all requirements contained in the Real Property Manual (COMDTINST M11011.9B)


Signature

8 DEC 94
Date

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Enclosure 10

Board of Survey Check-In Sheet

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DEPARTMENT OF
TRANSPORTATION
U.S. COAST GUARD
CG-5480 (Rev. 1-88)

**REAL PROPERTY BOARD OF SURVEY
CHECK IN SHEET**

DATE OF SUBMISSION: (MM/DD/YYYY) 11/30/94		BOARD OF SURVEY NUMBER 96-001-95S
GSA CONTROL NUMBER NONE		OPFAC NUMBER 96-40470
UNIT/INSTALLATION NAME LORAN MONITOR STATION KEFLAVIK		
CITY/TOWN KEFLAVIK	COUNTY & STATE ICELAND	
PROTECTION AND MAINTENANCE COST N/A		

REQUIRED SUBMISSION BY MAINTENANCE AND LOGISTICS COMMAND (MLC) OR HEADQUARTERS UNIT.
ENTER ONE OF THE FOLLOWING: Y = YES; N = NO.

Public Domain Land?.....	N
Easement, License, Permit issued?	N
Flood Hazard?.....	N
Historical Significance?.....	N
Cultural Significance?	N
Archaeological Significance?.....	N
Contamination?.....	N
Hazardous material stored?.....	N
Sound Signal.....	N
Arc of Visibility Involvement?	N
GSA Survey Involvement?	N
Has a surveyor been contracted to survey/review subject land description as a result of this board?.....	N/A
Date of Last Surveyor's Report	N/A
Acreage Recommended for Excess	0
Acreage Recommended for Retainment	0
Total Acreage of Unit/Installation.....	0
Number of Buildings Recommended for Excess.....	3
Number of Buildings Recommended for Retention	0
Number of Unit/Installation Buildings.....	3
Federal Property Information Checklist	N/A
Capitalized Value of Property Recommended for Excess.....	\$0.00
Estimated Fair Market Value of Property Recommended for Excess.....	\$0.00

Enclosure 9

Personal Property Inventory

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Enclosure 11

Personal Property Inventory

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06
8
3

USCG Activities Europe

EXCESS EQUIPMENT LISTING FOR LORMONSTA KEFLAVIK, IC

DATE: 10-14-94

TIME: 08:46:30

PAGE:

1

 Equipment Model Equipment Name Serial Number

NONE	UNKNOWN NOMENCLATURE	004115
6Y183-5AZX-3.5K-10-B	CONTROLLED PWR CO. UPS	10103058922
CDHV-XFMR-5000	TRANSFORMER, ISOLATION	40470-01
CDHV-XFMR-5000	TRANSFORMER, ISOLATION	40470-02
CBTV-L3	PLUG-IN UNIT	B023649
INSTANT REPLAY	CONVERTA-SYSTEM VCR	D003690
AM-6565/U	AMPLIFIER, VERTICAL	C6127
AM-6565/U	AMPLIFIER, VERTICAL	C6128
AM-6565/U	AMPLIFIER, VERTICAL	C6567
AM-6565/U	AMPLIFIER, VERTICAL	C6568
AN/PSM-2A	TEST SET, INSULATION	4436
AN/USM-281C	OSCILLOSCOPE	B3064
AN/USM-281C	OSCILLOSCOPE	B3284
AT-1018/FPA-13	ANTENNA, WHIP	522
CAG-1606-A	BRIDGE, RF	1145
CAG-1657	BRIDGE, DIGITAL	3620
CAQI-310A	ANALYZER, WAVE	94802966
CAQI-312A	VOLTMETER, SELECTIVE	72000206
CAQI-313A	OSCILLATOR, TRACKING	70900235
CAQI-410C	VOLTMETER, ELECTRONIC	82A19242
CAQI-461A	AMPLIFIER, GEN PURPOSE	41800560
CAQI-5328A	COUNTER, FREQUENCY	2210A18649
CAQI-6434B	POWER SUPPLY, D-C	2341A05591
CAQI-8640B	GENERATOR, SIGNAL	2743A30178
CAUY-L10A	MEGOHMMETER	456
CAWY-43	WATTMETER	154056
CAWY-6104	WATTMETER	2065
CAWY-8251	DUMMY LOAD	1694
CBTV-2213	OSCILLOSCOPE	B025567
CBTV-7603	OSCILLOSCOPE	B373846
CBTV-7603	OSCILLOSCOPE	H707476
CBTV-7L5	ANALYZER, SPECTRUM	B092756
CBTV-7L5	ANALYZER, SPECTRUM	B093951
CBTV-C-5C	CAMERA, OSCILLOSCOPE	B045317
CBTV-L3	PLUG-IN, 7L5 SPEC ANALYZE	B022431
CBYD-IG-4244	CALIBRATOR, PREC. OSC.	0767875
CCEM-222	ANTENNA, WHIP	40470-01
CCEM-222	ANTENNA, WHIP	40470-02
CCEM-222	ANTENNA, WHIP	40470-03
CCEM-222	ANTENNA, WHIP	40470-04
CCUH-77	MULTIMETER, ANALOG/DIGIT	41290867
CCUH-8000A	MULTIMETER, DIGITAL	480347
CCUH-8000A	MULTIMETER, DIGITAL	480497
CCUH-801-600	PROBE, AC CURRENT CLAMPO	40470-01
CCUH-80K	PROBE, 40 KV U/W CCUH-800	40470-01
CCVO-92E	MILLIVOLTMETER, RF	35802AB
CDCR-1200-170HZ	CONVERTER, RATT NARROW	FE1025
CDCR-1200-170HZ	CONVERTER, RATT NARROW	FE1045
CDDT-142	GENERATOR, HF VCG	297270
CDFD-TTG-29	GENERATOR, TWO TONE	515
CDLC-925	GENERATOR, SIGNAL	0001

USCG Activities Europe

EXCESS EQUIPMENT LISTING FOR LORMONSTA KEFLAVIK, IC

DATE: 10-14-94

TIME: 08:46:30

PAGE:

2

 Equipment Model Equipment Name Serial Number

CDLX-UPS-501-1-113	POWER SUPPLY, UNINTERUPT	294
CDLX-UPS-501-1-113	POWER SUPPLY, UNINTERUPT	362
CDOT-CVM-1250	MONITOR, RECEIVER	510137
CDOT-VP-2011	PLAYER	21224
CDQT-316NB	KEYER, FSK TONE	178
CDQT-316NB	KEYER, FSK TONE	180
CDVH-PPCC-26	PANEL, PATCH	187401
CDVH-PPCC-26	PANEL, PATCH	243003
CDVH-PPCC-26	PANEL, PATCH	243009
CDVH-PPCC-26	PANEL, PATCH	40470-01
CDXN-DSU-1210	POWER SUPPLY, 1.2KVA UPS	1661
CDXN-DSU-1210	POWER SUPPLY, 1.2KVA UPS	3126
CEV-MS411B	RECORDER, MULTISPEED	87165020
CFEI-CLIF-900	INTERFACE, COMPUTER	034
CFEI-CLIF-900	INTERFACE, COMPUTER	035
CFEI-CLIF-900	INTERFACE, COMPUTER	036
CFEI-CLIF-900	INTERFACE, COMPUTER	037
CGO-733ASR/5000	TELEPRINTER	0173365941
CGO-733ASR/5000	TELEPRINTER	0173374812
CGO-733ASR/5000	TELEPRINTER	0173375381
CGO-733ASR/5000	TELEPRINTER	0173393285
CGO-733ASR/5000	TELEPRINTER	046734
CGO-733ASR/5000	TELEPRINTER	41029
CGO-733ASR/5000	TELEPRINTER	41152
CGO-733ASR/5000	TELEPRINTER	41189
CGO-733ASR/5000	TELEPRINTER	41191
CGO-733ASR/5000	TELEPRINTER	41193
CGO-733ASR/5000	TELEPRINTER	41270
CGO-733ASR/5000	TELEPRINTER	46872
COL-651S-1A	RECEIVER, COMMUNICATIONS	127
COL-651S-1A	RECEIVER, COMMUNICATIONS	407
CSV-260-6M	MULTIMETER	40470-01
CSV-260-6M	MULTIMETER	40470-02
CSV-260-6M	MULTIMETER	40470-03
CU-1041/FPN-46	ANTENNA, COUPLER	106
PP-3495A/UG	POWER SUPPLY	D441
RD-566/U	RECORDER, CHART 60 HZ	1004806
RD-566/U	RECORDER, CHART 60 HZ	1004815
RD-566/U	RECORDER, CHART 60 HZ	1004818
RD-566/U	RECORDER, CHART 60 HZ	1004845
RD-566/U	RECORDER, CHART 60 HZ	1006443
RD-566/U	RECORDER, CHART 60 HZ	1006559
RD-566/U	RECORDER, CHART 60 HZ	1006560
RD-566/U	RECORDER, CHART 60 HZ	1006638
RD-566/U	RECORDER, CHART 60 HZ	1006666
RD-566/U	RECORDER, CHART 60 HZ	1007035
RD-566/U	RECORDER, CHART 60 HZ	1007252
RD-566/U	RECORDER, CHART 60 HZ	1007272
RD-566/U	RECORDER, CHART 60 HZ	1007348
RD-566/U	RECORDER, CHART 60 HZ	1008745
RD-566/U	RECORDER, CHART 60 HZ	1008755

USCG Activities Europe

EXCESS EQUIPMENT LISTING FOR LORMONSTA KEFLAVIK, IC

DATE: 10-14-94

TIME: 08:46:30

PAGE:

3

 Equipment Model Equipment Name Serial Number

RD-566/U	RECORDER, CHART 60 HZ	1008757
RD-566/U	RECORDER, CHART 60 HZ	1008780
RD-566/U	RECORDER, CHART 60 HZ	1008803
RD-566/U	RECORDER, CHART 60 HZ	1008807
RD-566/U	RECORDER, CHART 60 HZ	1008810
RD-566/U	RECORDER, CHART 60 HZ	1008819
RD-566/U	RECORDER, CHART 60 HZ	1009328
RD-566/U	RECORDER, CHART 60 HZ	1013053
RD-566/U	RECORDER, CHART 60 HZ	1021057
RD-566/U	RECORDER, CHART 60 HZ	1021060
TD-1085/U	TIME BASE, DUAL	C3064
TD-1085/U	TIME BASE, DUAL	C3284
TS-4032/UG	TEST UNIT, DATA ANALYZER	0688
TS-4033/UG	TEST UNIT, PATTERN GENER	081A

Also consumable parts and supplies for the above listed equipments.

