

# KOREAN NAVTEX PLAN

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## 1. Time schedule

- **Dec. 1996**

Two transmitter Identification Character(B1) allocated to Korean NAVTEX(Vand W) from IMO through NAVAREA coordinator(JMSA)

- **Apr.~Dec. 1997**

Construction design of NAVTEX by Maritime Industry Research Institute of K.M.U ; On project base ordered by MOMAF(Ministry of Maritime And Fisheries)

- **Jan.~Dec. 1998**

Construction of Korean NAVTEX System

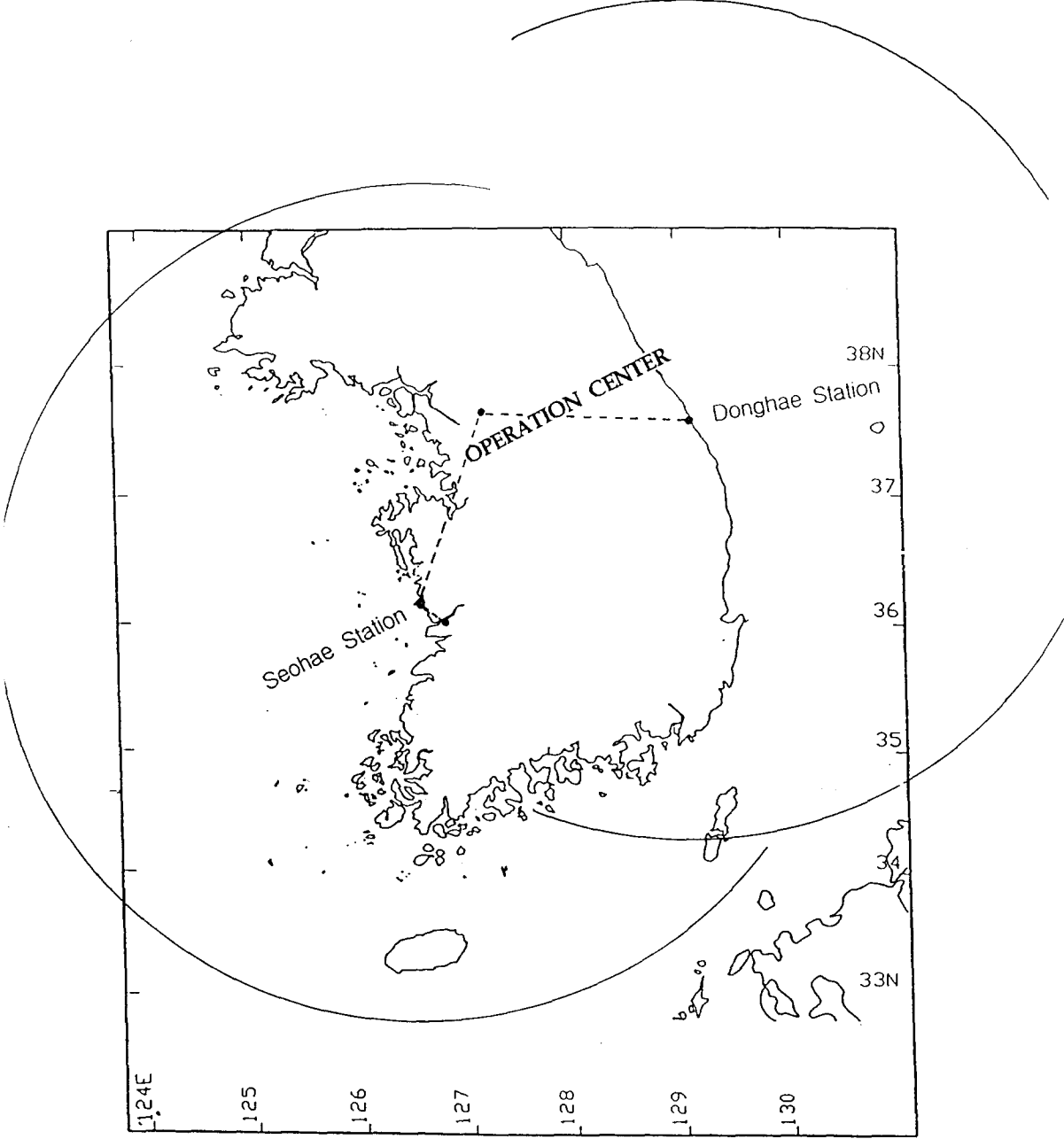
- **Jan. 1999**

Trial operation

- **Feb. 1999**

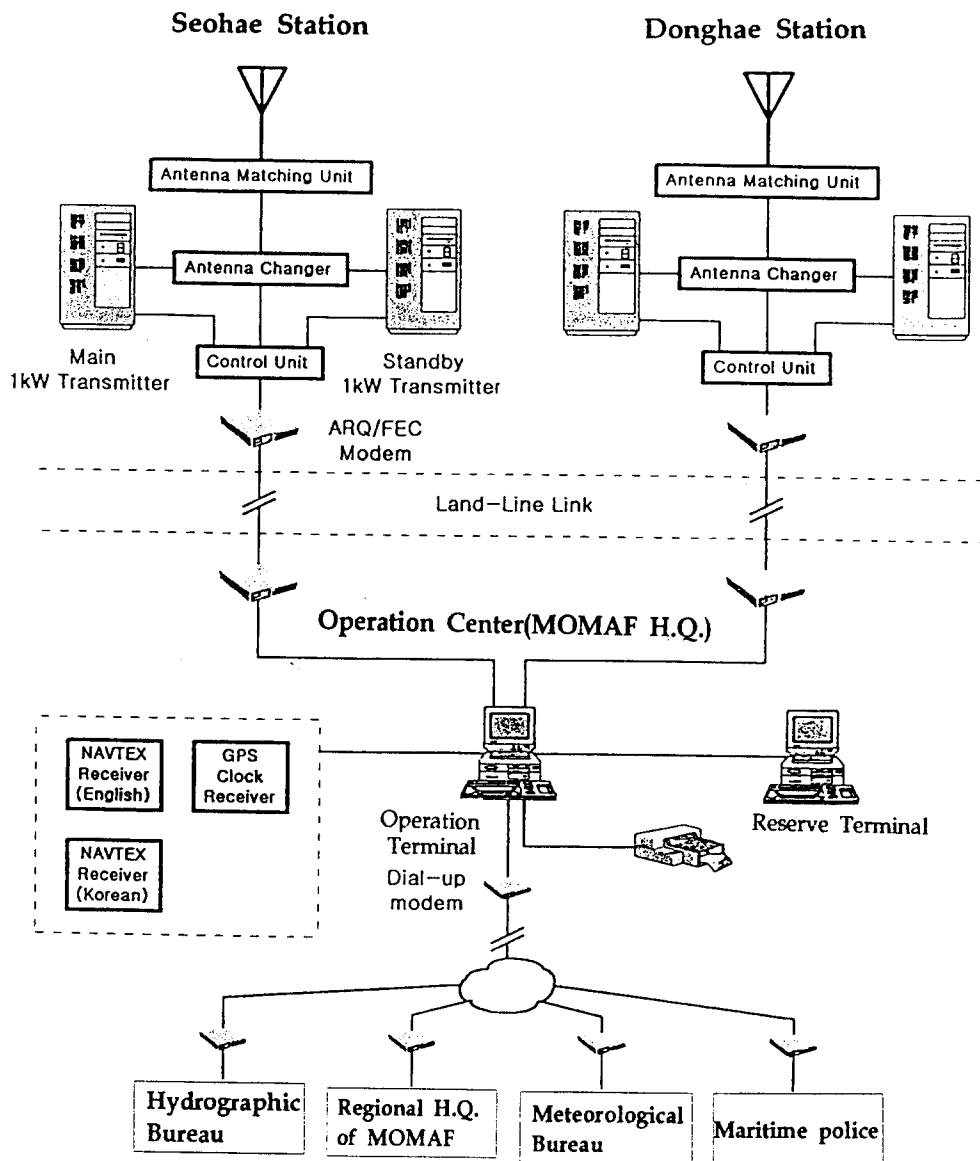
Normal operation

**2. Coverage**



- communication line for remote operation
- communication line for CCTV

### 3. Schematic Diagram of Korean NAVTEX System



## **4. System configuration**

### **A. Operating Authority**

Safety Policy Div. Maritime Policy Bureau MOMAF

TEL ; 82-2-3366-2174      FAX ; 82-2-224-2145

Address ; Jinsol Bld., 826-14 Yeoksam-Dong,      Kangnam-Gu, Seoul KOREA, 135-080

Coordinator ; Mr. LIM Gi-Tack, Director

### **B. Operation Center**

MOMAF Head-Quarter, Seoul KOREA.

### **C. X-mitter Station**

Donghae station ; Chukpyon    37° 03'.3N 129° 25'.9E

Seohae station ; Seochun      36° 03'.3N 126° 34'.7E

### **D. Communication Line**

Remote operation(Operation Center-Xmitter station)      On-Duty Chartered Korea Telecom line

Back up On Call Mugunghwa Satellite line

CCTV(MOMAF Reg. HQ-Xmitter station) Chartered      Korea Telecom line

### **E. Antenna**

50m guyed Umbrella Antenna(3 umbrella element)      Radial Earth : 100m 24radial

Antenna Efficiency 16%(Pt 1KW, Pr 160W)

## 5. Transmission Schedule

Navtex Coast station	Range(NM)	B1	Transmission	Frequency (KHz)	Language	Remark
Donghae	200	V	0330, 0730, 1130 1530, 1930, 2330	518	English	transmission time 10 min.
			0000, 0400, 0800 1200, 1600, 2400	490	Korean	transmission time 20 min.
Seohae	200	W	0340, 0740, 1140 1540, 1940, 2340	518	English	transmission time 10 min.
			0020, 0420, 0820 1120, 1620, 2420	490	Korean	transmission time 20 min.