

COMMUNICATIONS AND INFORMATION SYSTEMS (CIS)**Table of contents**

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1 Communication situation in Betaland

The civilian communication connection, PSTN (Public Switched Telecomm Network), is functioning in Ruretanian.

It is confirmed that PSTN in Betaland and between Ruretanian and Betaland is damaged and can only partly be used. Therefore telephone calls sometimes will be blocked. PSTN will mainly function in Wisetown.

2 Mission

- a) To provide CIS support to participating units and elements to ensure reliable and continuous communications.
- b) To establish and to serve the DISTAFF Signal Centre at Almnäs and in Betaland.

3 Execution**a) Responsibilities**

- (1) The Joint Staff (J6) has the overarching responsibility for all Communications and Information Systems and for the DISTAFF Signal Centre at Almnäs and in Betaland.
- (2) The Joint Staff (J6) is responsible for Communications and Information Systems in the DISTAFF and communications to subordinated units and to civilian organisations.
- (3) LCC, MCCair units and the Civilian organisations are responsible for communication with and within their own subunits and elements. The communications within the CC's command are covered in the individual CC's orders. Military units bring their own radio equipment to establish their own

communication networks within their subunits.

- (4) The Joint Staff (J6) is responsible for a CIS Helpdesk function, to be a support for all participating units and elements
- (5) The Joint Staff (J 6) will support certain participating units and elements with equipment for Communications and Information Systems according to SOP (600). This equipment will be distributed during the preparation phase at Almnäs.
- (6) Some participating units and elements have to bring their own equipment for Communications and Information Systems according to SOP (600).
- (7) The Joint Staff (J6) will distribute a Telephone Directory for participating units/elements during the preparation phase at Almnäs. LCC, MCC air units and civilian organisations may, as a complement, distribute their own Telephone Directories.

b) Communications plan

The communications will be established as follows:

- (1) During the preparation phase at Almnäs the communications will be based on the PSTN network.
- (2) In Betaland the communications between participating units and elements will be conducted by unsecured voice (radio VHF, cellular GSM phone and partly by the PSTN network, facsimile (Fax) and e-mail.
- (3) A cellular GSM phone communication network with mobile cellular GSM base stations will be established in Betaland. Most units and elements will be supplied with cellular GSM phones from the Joint Staff (J6) to be used only in Betaland. The main purpose in this case is to establish a overarching network for important functions and communications between military units and civilian elements.
- (4) Satellite communication will be established between Ruretania and Betaland for cellular GSM phone calls.
- (5) Hard Copy communications will be based on fax and e-mail.
- (6) General overview communications systems according to Appendix 1.
- (7) Summary CIS according to Appendix 2.
- (8) General overview LC radio communication according to Appendix 3.

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- (9) General overview Maritime communication according to Appendix 4.
- (10) General overview Air communication according to Appendix 5.
- (11) General overview MEDEVAC communication according to Appendix 6.
- (12) Air Mission callsigns according to Appendix 7.
- (13) Air Task Order format (ATO Format) according to Appendix 8.

c) LCC will

- (1) Connect with communication networks in Betaland according to Appendix 2.
- (2) Establish, operate and maintain own communications within his command in Betaland.
- (3) Be ready for traffic in Betaland 3 October, 1700 hours.
- (4) Be supported by CIS with equipment according to SOP (600).

d) MCC will

- (1) Connect with communication networks according to Appendix 2.
- (2) Establish, operate and maintain own communications within his command.
- (3) Be ready for traffic 3 October, 1700 hours.
- (4) Be supported by CIS with equipment according to SOP (600).

e) DISTAFF Staff platoon will

- (1) Establish, operate and maintain the DISTAFF Signal Centre at Almnäs.
Operate and maintain the DISTAFF Signal Centre in Betaland.
Operate and maintain a CIS Helpdesk and Failure Report Desk for all participating units/elements.
- (2) Connect with communication networks in Betaland according to Appendix 2.
- (3) Be ready for traffic at Almnäs 28 September, 1200 hours.
Be ready for traffic in Betaland 2 October, 1700 hours (partly),
3 October, 1200 hours (full extent).
Operate the DISTAFF switchboard to 10 October, 1500 hours.

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f) F16 G will

- (1) Connect with communication networks according to Appendix 2.
- (2) Be ready for traffic 1 October, 0800 hours.

g) F17 will

- (1) Connect with communication networks according to Appendix 2.
- (2) Be ready for traffic 28 September, 0800 hours.

h) General Instructions

- (1) Callsigns
 - Air callsigns according to Appendix 7.
 - Maritime Component callsigns according to MC SOP.
 - Land Component callsigns according to SOP (600).
- (2) Communication tests.
 - Communication tests will be carried out by the Joint Staff (J6), LC and MC to all subordinated units 3 October, 1700-2100 hours.
- (3) Frequency list
 - Air frequencies according to Crewhandbook for Air Operations in Nordic Peace-98.
 - Maritime Component frequencies according to MC SOP.
 - Land Component frequencies according to SOP (600).
- (4) Dispatch riders
 - Will be organised by the DISTAFF in Betaland. Telephone number 016-341175.
- (5) Exercise Telephone Directory
 - will be distributed separately during the preparation phase at Almäs.

DISTAFF telephone number (46)016-341000 from 28 September, 1200 hours to 10 October, 1500 hours.

- (6) Failure reports according to SOP (600)

i) Message Traffic Handling

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According to SOP (600).

4 Service Support**a) Communication Information Desk**

Will be established in the DISTAFF from 28 September, 1200 hours.
Telephone number 016-341180.

b) Failure Report Desk and CIS Helpdesk

Will be established in the DISTAFF from 28 September, 1200 hours.
Telephone number 016-341185.

c) Equipment

Spare parts and reserve communication equipment for internal communication must be provided from each country.

Some equipment will be distributed to participating units and elements from the Joint

Staff (J6) during the preparation week, according to SOP.

All military units who bring their own radio equipment must also bring battery chargers.

5 Command and Signal

Deployments and locations at Almnäs and in Betaland will be distributed during the Preparation Phase at Almnäs.

6 Information systems**General**

All personnel who have access to laptop computers and portable printers are strongly encouraged to bring these to the exercise as there will only be a small pool of computers for general use.

Distributed computer equipment by the the Joint Staff (J6), according to SOP (600).

Software

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To simplify exchange of data, it is recommended that all computers are to be equipped with the following software:

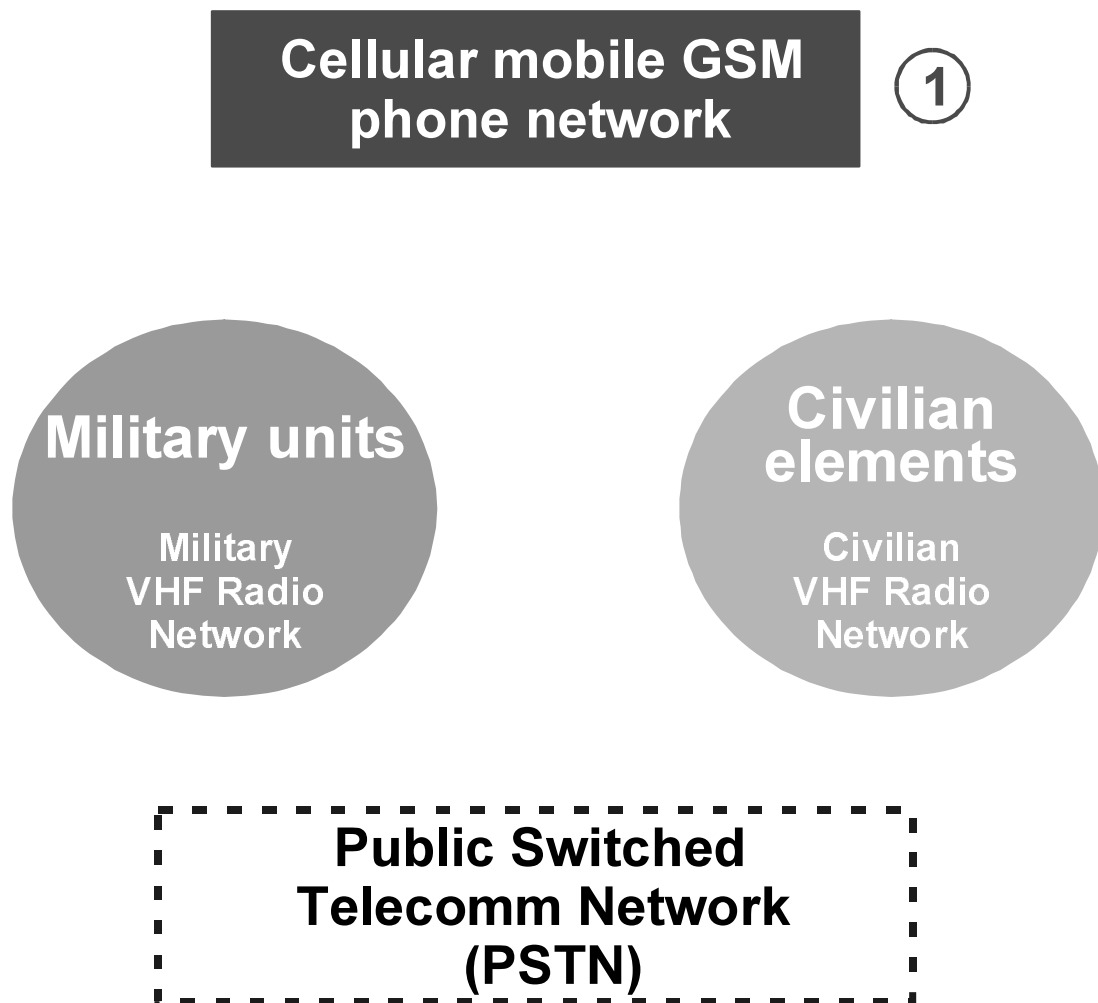
- MS Windows 95 or NT
- MS Office 95:
 - Word 7.0
 - Excel 7.0
 - Power Point 7.0

Some computers will be equipped with English software according to SOP (600).

Security

Virus control of the computer storage media (Floppy disks) shall continuously be performed in order to avoid the risk for contamination.

General overview Communication System



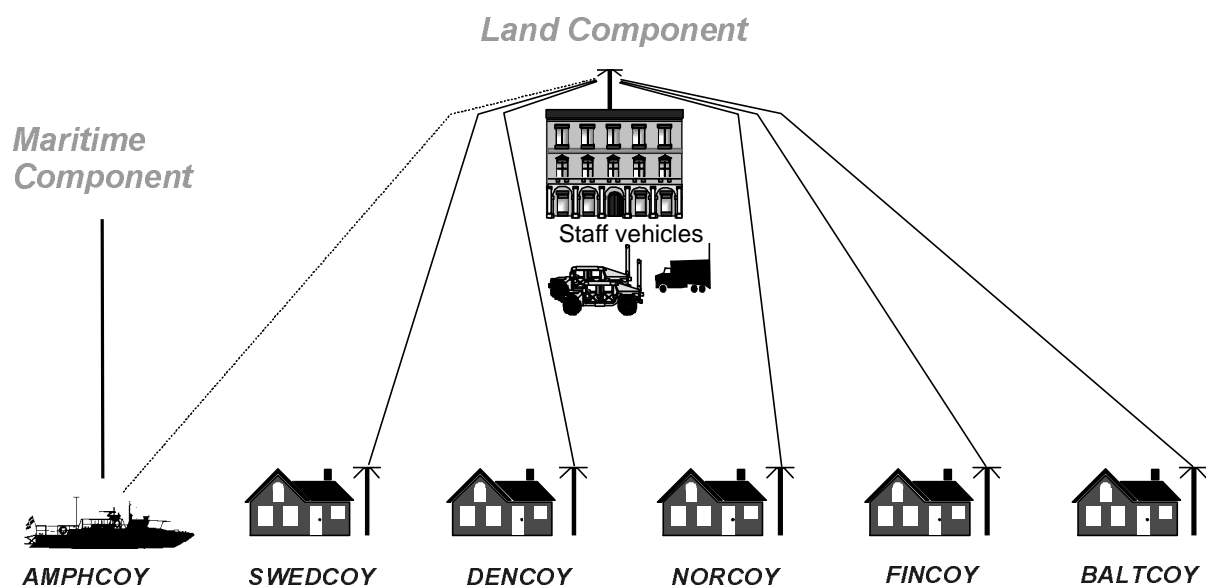
① To be established in BETALAND

Summary CIS

Organisation	Civilian network (PSTN)	Cellular GSM phone	Civilian B 96 radio	Mobitex (radio)	Military radio (HF)	Radio ground-air	Military VHF radio	Dispatch riders	FAX	E-mail, (Todapost via GSM)	Internet
DISTAFF	X	X	X	X	X	X	X	X	X	X	X
Maritime Component Staff	(X)	X			X				X	X	
Amphibious Task Unit		X		X			X		X		
Land Component Staff	X	X	X				X	X	X	X	
Company	X	X					X	X	X		
Platoon							X				
MEDEVAC Battalion Aid Station(BAS1)	X	X		X		X			X		
MEDEVAC Battalion Aid Station(BAS-2-3)		X		X		X					
MEDEVAC ambulances (AMB)		X		X			X				
MEDEVAC CSU	X	X		X		X			X		
Helicopter		(X)				X					
Helicopter 11		(X)		X		X	X				
Visitors and Observers Bureau	X	X						X	X	X	X
Press Information Center	X	X						X	X	X	X
UNHCR Wisetown and Cliffharbour	X	X	X					X	X	X	
UNHCHR Wisetown and Cliffharbour	X	X	X					X	X	X	
ICRC Wisetown	X	X	X					X	X	X	
The Swedish Local Red Cross Wisetown and Cliff harbour	X	X	X					X	X		
The Swedish Save the Children Wisetown and Cliffharbour	X	X						X	X	X	
The Swedish Rescue Services Agency	X	X						X	X	X	
Amnesty International	X	X						X	X	X	
The Swedish Peace and Arbitration Society	X	X						X	X	X	
Organisation	Civilian	Cellular	Civilian	Mobitex	Military	Radio	Military	Dispatch	FAX	E-mail,	Internet

	network (PSTN)	GSM phone	n B 96 radio	(radio)	radio (HF)	ground- air	VHF radio	riders		(Todapost via GSM)	
The Swedish Fellowship of reconciliation	X	X						X	X	X	
Host Nation Support, Betaland	X	X						X	X		
Roleplayers		X									
Controllers		X									
Skavsta airport (F17)	X					X			X		
Visby airport (F16 G)	X					X		X	X		

General overview Radio Communication (Battalion Radio Network)



General overview Maritime Communication

