

805C-42A-3241
Employ the Sustainment Tactical Network
Status: Approved

Security Classification: U - Unclassified

Distribution Restriction: Approved for public release; distribution is unlimited.

Destruction Notice: None

Foreign Disclosure: FD1 - This training product has been reviewed by the training developers in coordination with the USASSI, Fort Jackson, SC 29207 foreign disclosure officer. This training product can be used to instruct international military students from all approved countries without restrictions.

Conditions: In an operational environment, you are assigned as a HR NCO and your unit is scheduled to deploy in support of overseas contingency operations. You have been tasked by S-1 NCOIC to employ the Sustainment Tactical Network (STN) to support HR operations. You have a STN system with all transit cases, packing lists to identify the components of the STN communications system, an operational location with a good view of the appropriate sky, tools to employ the system, TM 11-5895-1817-10 (Operator's Manual for Combat Service Support (CSS), access to HR enabling systems, ATP 1-0.1 (G-1 and S-1 operations), ATP 1-0.2 (Theater-Level Human Resources Support) and FM 1-0 (Human Resources Support). This task should not be trained in MOPP 4.

Standards: Employ the Sustainment Tactical Network IAW TM 11- 5895-1817-10, without error using a GO/NO GO criteria.

Special Conditions: None

Safety Risk: Low

MOPP 4: Never

Task Statements

Cue: You are assigned as a HR NCO tasked by the S-1 NCOIC to employ the STN to support HR operations.

DANGER

None

WARNING

Injury may occur if proper lifting / lowering / transporting techniques are not followed.

Do not attempt to lift by bending forward. Bend your hips and knees to squat down to your load, keep it close to your body, and straighten your legs to lift.

Never lift a heavy object above shoulder level. Avoid turning or twisting your body while lifting or holding a heavy object.

CAUTION

The STN system has an approximate weight of 500 pounds.

Use safe lift and carry procedures when handling the cases. Each case may require up to a two-person lift and carry.

Keep cases closed and latched when not accessing equipment to minimize the probability of injury or snagging clothing.

Remarks: None

Notes: None

Performance Steps

1. Prepare STN for employment.
 - a. Identify / inventory hardware components.
 - (1) Indoor equipment case.
 - (2) Antenna Pedestal case.
 - (3) Reflector case.
 - (4) RF Equipment Case.
 - b. Examine connectivity options.
 - c. Determine required security level(s).
 - d. Review available network architecture.
2. Produce STN planning considerations.
 - a. Determine physical placement / operational location of the STN (line of sight, etc).
 - (1) Place Indoor and RF Equipment Cases inside at the selected operating area.
 - (2) Place the Antenna Pedestal and Reflector Equipment Cases outdoors where the Antenna will be deployed.
 - (3) Identify location with a clear view of the desired Reference and Data Satellites for outdoor equipment.
 - b. Assess weather and terrain.
 - c. Analyze location of supported units.
 - d. Coordinate maintenance support.
3. Confirm STN operation.
 - a. Assemble components.
 - b. Establish a satellite communications link.
 - c. Acquire the Non-classified Internet Protocol (IP) Router Network (NIPRNET).
 - d. Access HR enabling systems.

(Asterisks indicates a leader performance step.)

Evaluation Guidance: Score the Soldier "GO" if all steps are passed. Score the Soldier "NO-GO" if any step is failed. If the Soldier fails any step, show what was done wrong and how to do it correctly.

Evaluation Preparation: Ensure that all materials, parts, manuals, forms and equipment (or appropriate substitutions) required in the condition statement are available to the Soldier.

PERFORMANCE MEASURES	GO	NO-GO	N/A
1. Prepared STN for employment.			
a. Identified / inventoried hardware components.			
b. Examined connectivity options.			
c. Determined required security level(s).			
d. Reviewed available network architecture.			
2. Produced STN planning considerations.			
a. Determined physical placement / operational location of the STN.			
b. Assessed weather and terrain.			
c. Analyzed location of supported units.			
d. Coordinated maintenance support.			
3. Confirmed STN operation.			
a. Assembled components.			
b. Established a satellite communications link.			
c. Acquired the NIPRNET.			
d. Accessed HR enabling systems.			

Supporting Reference(s):

Step Number	Reference ID	Reference Name	Required	Primary	Source Information
	ATP 1-0.1	G-1/AG and S-1 Operations	Yes	No	
	ATP 1-0.2	Theater-Level Human Resources Support	Yes	No	
	FM 1-0	Human Resources Support http://armypubs.army.mil/doctrine/DR_pubs/dr_a/pdf/fm1_0.pdf	Yes	No	
	TM 11-5895-1817-10	OPERATOR MANUAL FOR COMBAT SERVICE SUPPORT(CSS), VERY SMALL APERTURE TERMINAL(VSAT): TERMINAL, SATELLITE COMMUNICATIONS	Yes	Yes	

TADSS : None

Equipment Items (LIN):

LIN	Name
J97857	AN/TSC-183, AN/TSC-183A CSS VSAT

Materiel Items (NSN) :

Step ID	NSN	LIN	Title	Qty
No materiel items specified				

Environment: Environmental protection is not just the law but the right thing to do. It is a continual process and starts with deliberate planning. Always be alert to ways to protect our environment during training and missions. In doing so, you will contribute to the sustainment of our training resources while protecting people and the environment from harmful effects. Refer to the current Environmental Considerations manual and the current GTA Environmental-related Risk Assessment card.

Safety: In a training environment, leaders must perform a risk assessment in accordance with current Risk Management Doctrine. Leaders will complete the current Deliberate Risk Assessment Worksheet in accordance with the TRADOC Safety Officer during the planning and completion of each task and sub-task by assessing mission, enemy, terrain and weather, troops and support available-time available and civil considerations, (METT-TC). Note: During MOPP training, leaders must ensure personnel are monitored for potential heat injury. Local policies and procedures must be followed during times of increased heat category in order to avoid heat related injury. Consider the MOPP work/rest cycles and water replacement guidelines IAW current CBRN doctrine.

Prerequisite Individual Tasks : None

Supporting Individual Tasks : None

Supported Individual Tasks : None

Supported Collective Tasks : None

Knowledges :

Knowledge ID	Knowledge Name
K24973	Know how to provide an overview of the Very Small Aperture Terminal (VSAT)
K22199	Knowledge of VSAT networks

Skills :

Skill ID	Skill Name
S3771	Ability to employ the Very Small Aperture Terminal (VSAT), CAISI, or connect to unit network infrastructure
805C-S-0844	Operate VSAT to establish connectivity to HR systems

ICTL Data : None