

COURSE DETAILS		KDU TERM - I		
STATUS(COURSE TYPE)	:	EX, LOG, NPM, PRO		
COURSE TITLE	:	COMMUNICATION		
TIME DURATION	:	Theory	56 Periods	42 Hrs
LEARNING OUTCOMES	:			
<p>Trainees will be able to gain knowledge on basic doctrine and the principles of military communication and trainee will be confident to handle the classified documents, conduct basic naval ceremonials and carryout simple fleet maneuvers.</p>				
CONTENTS:				
<b>PERIOD</b>		<b>TOPIC</b>		
01 – 02		<p><b><u>INTRODUCTION.</u></b></p> <p>Role of military communication, Primary &amp; secondary purpose, Concept and capabilities, Tactical &amp; strategical systems, Basic principles of Naval communication, Reliability, Security and speed, Instructions on reticence, Terminology – INTRA, JOINT, COMBINED, AUTHORITY. Means and methods of communication, Telecommunication - Electrical / Electronic means, Visual and sound Physical means - Mail, Messenger / Courier.</p>		
03 - 04		<p><b><u>RADIO ORGANIZATION</u></b></p> <p>Naval communication systems, SLN Communication organization, Signal centers and MSOs. Introduction to ACP 176 (A).</p>		
05 – 06		<p><b><u>MESSAGE ORIGINATION.</u></b></p> <p>Part of a message - Precedence, Security classifications. Classified message transmitted in plain language (CLEAR) Forms of messages, (Plain dress, Abbreviated plain dress &amp; Codress) Personnel involved in a message (Originator, Drafter, Releasing Officer and action Officer) Types of messages (Single, Multiple, Book, General &amp; drill message).</p>		
07 – 08		<p>Responsibilities of originator, Originating of messages, Address of messages, Drafting the text of messages – Brevity , Abbreviations , Legibility, Paragraphing, Punctuations, Repetitions, Reference, NOTAL &amp; PASEP.</p>		

09 – 10	<b><u>SPECIAL MESSAGE DISTRIBUTION INSTRUCTIONS.</u></b>  (Exclusive, Block, Postgram, Airgram, Acknowledgements, Corrections, Repetitions, Checks & verifications, Cancellations).
11 – 12	<b><u>WORDS AND PHRASES USED IN THE TEXT OF A MESSAGE.</u></b>  INTEND & PROPOSE, MINIMIZE, Reason for MINIMIZE, Authority to order MINIMIZE, Cancellation of MINIMIZE.
13 – 15	<b><u>AUTHENTICATION (GENERAL &amp; EMPLOYMENT).</u></b>  Code words & Nicknames. SLNCP 1 (Introduction & contents). Basic format signals. PERMOVE, SPORTSIG, STOREDEM, DISCHARGE etc. Introduction to Communication Security.
16 – 25	<b><u>TERMINOLOGY.</u></b>  Accountable publications, Books of Reference, Charge books, Charge documents, Signal publications. Non- registered publications, Registered publications, Purpose of BR 150 (Instructions for the security of classified documents) SLNCP 05(SLN Cryptographic instructions), Need for security classifications, Special prefixes, Exclusive and crypto security.
26 – 27	Marking ‘Personal’ & ‘Private’, General principles of grading, Handling of classified messages, Codress & plaindress form, Communication security (Transmission, Physical, Crypto), Crypto analysis, Compromise (Physical and Crypto).
28 – 29	<b><u>INTRODUCTION TO CEREMONIALS.</u></b>  Types of flags, Standards, Colours, Distinguishing flags, Signal flags & Pennants, Suit of colours, Ensigns – White, Blue and Red ensigns, National flag (jack), Commissioning or Masthead pennant, Blue Peter, House flags, Courtesy flags, Wearing of colours – At harbour or alongside Naval shore establishments, Wearing of the SLN ensign.
30 – 32	Lowering of flags, Half masting of Colours, Dressing ships – Overall & masthead dressing, Illuminating ship, Salutes & marks of respect – Salute by the bugle (General & alert) Gun salutes, Salutes between ships, Piping the side, Parading of Guards and bands Flags in boats – Boat ensigns / masthead pennant, Flag/star plates on motor cars. Visual Signaling Procedure.

33 – 34

**VISUAL SIGNALING METHODS**

Flashing Light Directional procedure, Non directional procedure, Methods of calling, Answering and receiving, Method of calling an unknown station, Use of signal lights at Dusk, Dawn and at Night.

35 – 36

**SEMAPHORE.**

General – Description of semaphore apparatus, Introduction to semaphore characters, Method of transmitting, Rate of signaling, Reading – Special characters used in semaphore, special semaphore abbreviations, Method of calling.

37 – 38

**FLAG HOIST.** Order of hoist, Procedure.

39 - 40

Radio Telephone Procedure, Basic rules on radio telephone circuits, circuits Logs, Phonetic alphabet, Commonly used proverbs.

41 – 42

Operating rules – General, Establishing communication, Establishing net, Free net, Directional net, Radio checks, Signal strength and readability, Relay, Repetition, Corrections & cancellations, Do not answer, Read back, Acknowledgement, verification, Imposing emergency silence, Delayed & Immediate Executive methods.

43 – 44

Preliminary calls, Transmitting a message, Communication good, Communication difficult, Relay, Responsibilities, Correction during transmission, Receipt of messages.

45 – 47

**INTRODUCTION TO FLEET WORK.**

Shapes of flags, parts of a flag, special flags and pennants carried by warships / Merchant ships (Flag sets).

48 – 50

Naval and international meaning of alphabetical flags, Use of Answering pennant and substitutes.

51 – 56

Introduction to ACP 175 (A), ATP 1, Single letter; Type indicators, Principle definitions – Fleet, OTC, Large ship, Small ship, Unit formation, Disposition, Main body, Screen , Line, Column, Line abreast, Line of bearing, Guide, Picket, Turn, Wheel, Basic formations (1 to 10).

METHODS OF TRAINING AND LEARNING	:	Lectures, Readings, Listening, Demonstration, Discussions	
ASSESSMENT CRITERIA	:	Semester – end examination	100%
RECOMMENDED READING			
Allied Communication Publication (ACP 121-E). Royal Navy Communication publication (RNCP 3/9). Book of Reference (BR 150). Sri Lanka Navy Communication Publication (SLNCP). Allied Tactical Publication (ATP 1). Allied Naval Signal Book (ANSB). SLNO 1.			