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NATO ARMY ARMAMENTS GROUP (NAAG)

Review of the NAAG Standardization Portfolio

Note by the NAAG Secretary

Reference 1. AC/225-DS(2017)0002, Decision Sheet - Meeting of the NAAG in December 2017

1. At its December 2017 meeting, the NAAG noted a briefing from the NSO Land Branch Head, Col. G. Levato, on the status of the NAAG standardization portfolio. The NAAG particularly noted the following issues:

- 1.1. A number of land armaments standards appear not to have been reviewed for a long period.
- 1.2. There are a number of Allied Publications that are not covered by a STANAG or STANREC.

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2. In subsequent discussions, the NAAG noted that:
 - 2.1. In general the NAAG groups regularly review their standards portfolio, however, validations are not always reported for being reflected in the NATO Standardization Database. The NAAG tasked the NAAG Secretary, with support of the Level 2 Groups, to conduct a survey and report the status of such standards for the necessary updates in the NSO Database (Ref.1, Action 43).
 - 2.2. The number of NAAG Allied Publications without covering STANAG or STANREC had diminished from 30 to 13 in 3 years, alongside with an approximately 20% decrease in the overall standards portfolio on a validation and rationalization effort. However the problem still exists. The NAAG tasked the subordinate groups to address the remaining such publications as soon as possible (Ref.1, Action 42). It should be noted that this number is now reduced to 11.
3. During the Spring 2018 meetings, the groups conducted reviews of their standardization portfolios. It should however be noted that the extent and diversity of the land armaments standards is very big, and this review is of a perpetual nature.
4. The aim of this document is to display the results of the on-going reviews versus the status of land armaments standards as portrayed in the NATO Standardization Database, in order to concretize specific actions for the NAAG subordinate groups and the NATO Staff, to achieve the tasks as underlined in Para 2.
5. The attached table at Annex 1 gives the complete NAAG standardization portfolio consisting of 142 active items, as of 18 May 2018. For ease of reference, this table is ordered by custodian Level 2 group. Highlights are used to indicate items requiring actions (excluding those for which actions are already being taken and reported in the "NAAG to note" column):
 - 5.1. the Allied Publications without cover;
 - 5.2. the line items dated and/or indicated as "Reviewed" before year 2010;
 - 5.3. one previously cancelled standard for which is work is on-going within the custodian community in order to develop a new edition proposed to be maintained as "Study";
 - 5.4. one standard proposed to be promulgated;
 - 5.5. two standards proposed to be cancelled;
 - 5.6. two standards proposed to be handed over to a different tasking authority;
 - 5.7. other line items for which specific actions are recommended.

6. For a number of line items which could be added to the above-mentioned highlights, the NAAG Structure reported review activities. These are reported in the notes column of the Annex 1 and no specific action was raised.

7. The NAAG is recommended to:

- 7.1. task ICGIF to review validity of STANAG 4683 and report within one year;
- 7.2. task JCBRND CDG to review validity of STANAGs 4328, 4475, 4571 and of the Allied Publication without cover ANEP-57 (Vol.s 1 and 2) and report within one year;
- 7.3. task LCGLE to review validity of STANAGs 4357, 4358 and report within one year;
- 7.4. task MILENG WG MATP to review validity of the Allied Publication without cover AEP-28 and report within one year;
- 7.5. invite NAFAG to task JCGISR to review validity of STANAG 4361 and of the Allied Publication without cover AEP-31, and report within one year;
- 7.6. invite LCMG to consider assumption of tasking authority function for AEP-20 and AEP-21, in addition to the AEP-18 for which the proposal had been forwarded earlier;
- 7.7. in case the Allied Publications without cover are reported to require an updates, task the respective custodian groups to develop work programs with a view to formulate new editions under covers of STANAGs or STANRECs;
- 7.8. task all groups to speed up their review activities for those line items referenced in Para 6;
- 7.9. approve cancellations of STANAG 4678 (LCGDSS) and STANAG 4636 (JCBRND CDG);
- 7.10. approve promulgation of STANAG 4144 Ed.3;
- 7.11. invite NSO to update the "Reviewed" field for STANAGs 2997, 4677 (custodian LCGDSS) and 4009, 4015, 4101, 4195, 4381 (custodian LCGLE) in accordance with data and references provided at Annex 1;
- 7.12. invite NSO to introduce "STUDY" lines for the new editions of STANAGs 4296, 4509, 4512, 4677 (custodian LCGDSS), 4458, 4478, 4569 (custodian LCGLE), and 2835, 2836, 4418 (custodian JCGISR), noting that a number of these could become STANRECs (See Annex 1).

8. It should be noted that this survey's Review Date criterion to generate a recommendation was "Earlier than 2010". The future iterations will possibly apply a more stringent criterion.

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9. The recommendations listed in Para 7 are submitted to the NAAG consideration and **approval under a silence procedure ending on 13 July 2018, 12:00 Hours**. If the NAAG Secretary does not receive any objection by this deadline, the NAAG will be deemed to have approved these recommendations and tasked the subordinate structure and/or the NATO Staff Officer for corresponding actions.

(Signed) O. TASMAN

Action Officer: Mr Osman TASMAN, x4300
tasman.osman@hq.nato.int
Original: English

1 Annex

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NAAG Standardization Portfolio Review - as of 18 May 2018

Group	Type	Number	English Title	Status	Promulgation Date (dd/MM/yyyy)	Reviewed Date (dd/MM/yyyy)	NAAG to Note	Recommended NAAG Action
ICGIF	STANAG	4106 Ed.3	PROCEDURES TO DETERMINE THE DEGREE OF BALLISTIC PERFORMANCE SIMILARITY OF NATO INDIRECT FIRE AMMUNITION AND THE APPLICABLE CORRECTIONS TO AIMING DATA	PROMULGATED	08/02/1995	18/10/2011		
ICGIF	STANAG	4110 Ed.4	DEFINITION OF PRESSURE TERMS AND THEIR INTERRELATIONSHIP FOR USE IN THE DESIGN AND PROOF OF CANNONS OR MORTARS AND AMMUNITION	PROMULGATED	30/11/2005	18/10/2011		
ICGIF	STANAG	4113 Ed.3	PRESSURE MEASUREMENT BY CRUSHER GAUGES	PROMULGATED	04/06/1993	18/10/2011		
ICGIF	STANAG	4114 Ed.3	MEASUREMENTS OF PROJECTILE VELOCITIES - AEP-34	PROMULGATED	09/05/1997	18/10/2011		
ICGIF	STANAG	4115 Ed.2	DEFINITION AND DETERMINATION OF BALLISTIC PROPERTIES OF GUN PROPELLANTS	PROMULGATED	30/06/1997	18/10/2011		
ICGIF	STANAG	4119 Ed.3	ADOPTION OF A STANDARD CANNON ARTILLERY FIRING TABLE FORMAT - AOP-55 EDITION A	STUDY				
ICGIF	STANAG	4144 Ed.3	FIRING TECHNIQUES TO DETERMINE BALLISTIC DATA FOR FIRE CONTROL SYSTEMS - AOP-65 EDITION A	RD (RATIFICATION DRAFT)			ICGIF requests promulgation with 16 ratifications	Approve promulgation of STANAG 4144
ICGIF	STANAG	4355 Ed.4	THE LIESKE MODIFIED POINT MASS AND FIVE DEGREES OF FREEDOM TRAJECTORY MODELS - AOP-4355 EDITION A	PROMULGATED	14/09/2017			
ICGIF	STANREC	4367 Ed.4	THERMODYNAMIC INTERIOR BALLISTIC MODEL WITH GLOBAL PARAMETERS - AEP-4367 EDITION A	PROMULGATED	17/05/2016			
ICGIF	STANREC	4400 Ed.2	DERIVATION OF THERMOCHEMICAL VALUES FOR INTERIOR BALLISTIC CALCULATIONS	STUDY				
ICGIF	STANAG	4425 Ed.2	A PROCEDURE TO DETERMINE THE DEGREE OF INTERCHANGEABILITY OF NATO INDIRECT FIRE AMMUNITION	PROMULGATED	14/12/1998	18/10/2011		
ICGIF	STANAG	4500 Ed.2	PROCEDURES TO DETERMINE FIELD ARTILLERY MUZZLE VELOCITY MANAGEMENT, INTERCHANGEABILITY AND PREDICTION	PROMULGATED	28/05/2014	18/10/2016		
ICGIF	STANAG	4534 Ed.1	STANDARDIZED TECHNICAL DATA FOR THE DETERMINATION OF INTERCHANGEABILITY OF COMPONENTS OF ARTILLERY AND MORTAR SYSTEMS	PROMULGATED	23/11/1998	18/10/2011		
ICGIF	STANAG	4537 Ed.4	SUB-GROUP 2 SHARABLE (FIRE CONTROL) SOFTWARE SUITE (S4)	PROMULGATED	07/10/2015			
ICGIF	STANAG	4568 Ed.1	PROCEDURES TO DETERMINE THE LEVELS OF PERFORMANCE (MUZZLE VELOCITY, PRESSURE) AND ASSOCIATED QUALITY OF IN-SERVICE LARGE CALIBRE PROPELLING CHARGE LOTS	PROMULGATED	15/12/2000	18/10/2011		
ICGIF	STANAG	4617 Ed.1	MINIATURIZED PIEZO-ELECTRIC PRESSURE GAUGES - AEP-51	PROMULGATED	22/03/2007	18/10/2011		
ICGIF	STANREC	4618 Ed.1	THE SIX/SEVEN DEGREES OF FREEDOM GUIDED PROJECTILE TRAJECTORY MODEL - AEP-96 EDITION A	PROMULGATED	17/05/2016			
ICGIF	STANAG	4635 Ed.1	THE NATO ARMAMENTS ERROR BUDGET	PROMULGATED	02/08/2011	18/10/2011		
ICGIF	STANAG	4654 Ed.1	INDIRECT FIRE APPRECIATION MODELLING	PROMULGATED	14/05/2012	11/01/2012		
ICGIF	STANREC	4655 Ed.2	AN ENGINEERING MODEL TO ESTIMATE AERODYNAMIC COEFFICIENTS - AEP-4655 EDITION A & AOP-53 EDITION A	PROMULGATED	10/11/2016			
ICGIF	STANAG	4683 Ed.1	NATO TECHNICAL SHARABLE SOFTWARE (NTSS)	PROMULGATED	09/09/2009			Task ICGIF to review validity and report
JCBRND CDG	STANAG	4145 Ed.3	NUCLEAR SURVIVABILITY CRITERIA FOR ARMED FORCES MATERIAL AND INSTALLATIONS - AEP-4 EDITION A	STUDY				
JCBRND CDG	STANAG	4155 Ed.2	CBRN PROTECTIVE MASK AND FILTER CANISTER SCREW THREADS - AEP-4155 EDITION A	RD (RATIFICATION DRAFT)				
JCBRND CDG	STANAG	4201 Ed.1	MARKING OF RIOT CONTROL AND TRAINING CANISTERS	PROMULGATED	04/03/1985		This standard will be included in the doctrinal ATP 3.8.1 update. Once done, it will be cancelled.	
JCBRND CDG	STANAG	4328 Ed.2	GUIDELINES TO IMPROVE NUCLEAR RADIATION PROTECTION OF MILITARY VEHICLES - AEP-14	PROMULGATED	22/03/2007			Task JCBRND CDG to review validity and report
JCBRND CDG	STANAG	4475 Ed.1	INTEROPERABILITY CRITERIA FOR MASK DRINKING SYSTEMS (MDS)	PROMULGATED	22/03/2007			Task JCBRND CDG to review validity and report
JCBRND CDG	STANAG	4521 Ed.2	CHEMICAL, BIOLOGICAL, RADIOLOGICAL AND NUCLEAR (CBRN) CONTAMINATION SURVIVABILITY FACTORS IN THE DESIGN, TESTING AND ACCEPTANCE OF MILITARY EQUIPMENT - AEP-07 EDITION 5	PROMULGATED	04/04/2012			
JCBRND CDG	STANAG	4524 Ed.1	NUCLEAR BLAST AND THERMAL TEST METHODS AND PROCEDURES - AEP 25	PROMULGATED	09/05/1997	27/08/1997	In review, in conjunction with 4360 (under LCMG)	
JCBRND CDG	STANREC	4548 Ed.2	OPERATIONAL REQUIREMENTS, TECHNICAL SPECIFICATIONS AND EVALUATION CRITERIA FOR CBRN PROTECTIVE CLOTHING - AEP-38 VOL I & II EDITION A	PROMULGATED	11/11/2013			
JCBRND CDG	STANAG	4571 Ed.1	SPECIFICATION FOR RAPID HAND-HELD ANTIBODY-BASED ASSAYS	PROMULGATED	17/05/2004			Task JCBRND CDG to review validity and report
JCBRND CDG	STANAG	4625 Ed.1	ASSESSMENT OF EFFECT LEVELS OF CLASSICAL WARFARE AGENTS APPLIED TO THE SKIN TO BE USED IN THE DESIGN OF PROTECTIVE EQUIPMENT - AEP-52	PROMULGATED	08/08/2006		In review	
JCBRND CDG	STANAG	4627 Ed.1	ASSESSMENT OF EFFECT LEVELS OF CLASSIFIED CHEMICAL WARFARE AGENTS APPLIED TO THE SKIN TO BE USED IN THE DESIGN OF PROTECTIVE EQUIPMENT	STUDY				
JCBRND CDG	STANAG	4632 Ed.2	DEPLOYABLE NBC ANALYTICAL LABORATORY - AEP-81	STUDY				

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JCBRND CDG	STANREC	4634 Ed.2	COLLECTIVE PROTECTION (COLPRO) IN A CHEMICAL, BIOLOGICAL, RADIOLOGICAL AND NUCLEAR (CBRN) ENVIRONMENT - AEP-54 EDITION B	PROMULGATED	13/10/2014			
JCBRND CDG	STANREC	4636 Ed.2	SPACE AND NUCLEAR RADIATION HARDENING GUIDELINES FOR MILITARY SATELLITES: ELECTRONICS AND PHOTONICS - AEP-50 EDITION B	PROMULGATED	15/01/2015		Per AC/225(CBRN)DS(2016)0002, JCBRND CDG decided its cancellation	Approve cancellation of 4686
JCBRND CDG	STANAG	4653 Ed.2	COMBINED OPERATIONAL CHARACTERISTICS, TECHNICAL SPECIFICATIONS, TEST PROCEDURES AND EVALUATION CRITERIA FOR CHEMICAL, BIOLOGICAL, RADIOLOGICAL AND NUCLEAR DECONTAMINATION EQUIPMENT - AEP-58	PROMULGATED	13/10/2014			
JCBRND CDG	STANAG	4701 Ed.1	NATO HANDBOOK FOR SAMPLING AND IDENTIFICATION OF BIOLOGICAL, CHEMICAL AND RADIOLOGICAL AGENTS (SIBCRA) - AEP-66 EDITION A	PROMULGATED	15/04/2015			
JCBRND CDG	STANREC	4725 Ed.1	FIT AND PROTECTION TESTING METHODS FOR NEGATIVE-PRESSURE RESPIRATORS - AEP-71 EDITION A	PROMULGATED	07/06/2013			
JCBRND CDG	STANREC	4726 Ed.2	RECOMMENDED CHEMICAL, BIOLOGICAL AND TIC CHALLENGE LEVELS AEP-72 VOL I EDITION B	PROMULGATED	25/04/2017			
JCBRND CDG	STANREC	4727 Ed.1	COMBINED OPERATIONAL CHARACTERISTICS, TECHNICAL SPECIFICATIONS, AND EVALUATION TESTS AND CRITERIA FOR PROTECTIVE MASKS - AEP-73 EDITION A	PROMULGATED	16/04/2015			
JCBRND CDG	STANREC	4730 Ed.1	CAPABILITY AND SYSTEMS REQUIREMENTS FOR NUCLEAR AND RADIOLOGICAL DETECTION, IDENTIFICATION AND MONITORING EQUIPMENT	PROMULGATED	07/06/2013			
JCBRND CDG	STANREC	4738 Ed.1	LOW BURDEN CHEMICAL, BIOLOGICAL, RADIOLOGICAL AND NUCLEAR (CBRN) PROTECTIVE CLOTHING - AEP-85 EDITION A	PROMULGATED	28/10/2016			
JCBRND CDG	STANREC	4741 Ed.1	CHEMICAL AGENT CHALLENGE LEVELS - AEP-72 VOL II EDITION A	PROMULGATED	01/09/2014			
JCBRND CDG	STANREC	4742 Ed.1	TOXIC INDUSTRIAL CHEMICALS (TIC) CHALLENGE LEVELS - AEP-72 VOL III EDITION A	PROMULGATED	01/09/2014			
JCBRND CDG	STANREC	4743 Ed.1	BIOLOGICAL WARFARE AGENT CHALLENGE LEVELS - AEP-72 VOL IV EDITION A	PROMULGATED	19/04/2016			
JCBRND CDG	STANAG	4783 Ed.1	CHEMICAL, BIOLOGICAL, RADIOLOGICAL, NUCLEAR (CBRN) CONTAMINATED WASTE MANAGEMENT - AEP-4783 EDITION A	PROMULGATED	22/02/2018			
JCBRND CDG	STANREC	4784 Ed.1	CLEARANCE DECONTAMINATION	STUDY				
JCBRND CDG	STANREC	4790 Ed.1	RADIOLOGICAL CHALLENGE LEVELS - AEP-72 VOL V EDITION A	PROMULGATED	20/09/2017			
JCBRND CDG	STANAG	4810 Ed.1	ON-THE-MOVE CBRN-PROOF HYDRATION SYSTEM - AEP-4810 EDITION A	STUDY				
JCBRND CDG	No Cover	AEP-18 Ed. 1	EMP TEST METHODS AND PROCEDURES	PROMULGATED	01-07-1988		Process to transfer custodianship to LCMG is on-going, pending LCMG agreement.	
JCBRND CDG	No Cover	AEP-19 Ed. 2	NUCLEAR PROTECTION DESIGN CONSIDERATIONS FOR MOBILE SHELTERS	PROMULGATED	01-04-1992		Review started	
JCBRND CDG	No Cover	AEP-20 Ed. 1	EMP DESIGN AND TEST GUIDELINES FOR SYSTEMS IN MOBILE SHELTERS	PROMULGATED	01-02-1994		Per AC/225(CBRND)DS(2016)0002, JCBRND CDG proposed its transfer to LCMG	Endorse JCBRND CDG proposal and invite LCMG to consider
JCBRND CDG	No Cover	AEP-21 Ed. 1	NATO RECOMMENDED CALIBRATION/PROCEDURES FOR EMP MEASUREMENT	PROMULGATED	01-07-1992		Per AC/225(CBRND)DS(2016)0002, JCBRND CDG proposed its transfer to LCMG	Endorse JCBRND CDG proposal and invite LCMG to consider
JCBRND CDG	No Cover	AEP-22 Ed. 1	A GUIDE TO TRANSIENT RADIATION EFFECTS ON ELECTRONICS AT THE TACTICAL LEVEL (LAND FORCES)	PROMULGATED	01-11-1991		Review started	
JCBRND CDG	No Cover	ANEP-57 Ed. 1 VOL 1	BASIC MATERIEL REQUIREMENTS FOR THE THE NBC DEFENCE OF NAVAL VESSELS	PROMULGATED	01-06-1997			Task JCBRND CDG to review validity and report
JCBRND CDG	No Cover	ANEP-57 Ed. 1 VOL 2	GUIDANCE ON NATO NAVY SHIPBOARD NBC DEFENCE ORGANIZATION AND PROCEDURES	PROMULGATED	01-06-1997			Task JCBRND CDG to review validity and report
JCGGBAD	STANAG	2618 Ed.1	ALLIED DOCTRINE FOR GROUND-BASED AIR DEFENCE - ATP-82 EDITION A	PROMULGATED	31.01.2018		This is a doctrine standard, with a standardization task issued by MCLSB.	
JCGGBAD	STANAG	2619 Ed.1	ALLIED DOCTRINE FOR GROUND BASED AIR DEFENCE OPERATIONS USING JOINT RANGE EXTENSION PROTOCOL APPENDIX C WITH LINK-16 MESSAGES - ATP-86 EDITION A	STUDY			This is a doctrine standard, with a standardization task issued by MCLSB.	
JCGGBAD	STANAG	4312 Ed.2PART 1	INTEROPERABILITY OF LOW-LEVEL GROUND-BASED AIR DEFENCE SURVEILLANCE, COMMAND AND CONTROL SYSTEMS PART I - INFORMATION EXCHANGE REQUIREMENTS (IERS) FOR DEVELOPING COMMON CHARACTER-ORIENTED MESSAGE TEXT FORMATS (MTFs)	PROMULGATED	19/04/2012			
JCGGBAD	STANAG	4312 Ed.2PART 2	INTEROPERABILITY OF LOW-LEVEL GROUND-BASED AIR DEFENCE SURVEILLANCE, COMMAND AND CONTROL SYSTEMS PART II - COMMON INTERFACE REQUIREMENTS AND BIT-ORIENTED MESSAGES AGREEMENT	PROMULGATED	19/04/2012			
JCGISR	STANAG	2835 Ed.2	NATO ULTRAVIOLET REFLECTING (UVR) WHITE COLOUR FOR THE CAMOUFLAGE OF MILITARY EQUIPMENT IN SNOW ENVIRONMENTS	PROMULGATED	22/09/1995		STO study on-going, outcomes to generate a STANREC	Invite NSO to introduce a "STUDY" line for next edition (STANREC).
JCGISR	STANAG	2836 Ed.3	REMOVABLE PAINTS FOR CAMOUFLAGE	PROMULGATED	01/07/1996		STO study on-going, outcomes to generate a STANREC	Invite NSO to introduce a "STUDY" line for next edition (STANREC).
JCGISR	STANAG	4347 Ed.1	DEFINITION OF NOMINAL STATIC RANGE PERFORMANCE FOR THERMAL IMAGING SYSTEMS	PROMULGATED	18/07/1995	17/02/1997	Review on-going with a potential to merge with 4349 and 4350	

Group	Type	Number	English Title	Status	Promulgation Date (dd/MM/yyyy)	Reviewed Date (dd/MM/yyyy)	NAAG to Note	Recommended NAAG Action
JCGISR	STANAG	4349 Ed.1	MEASUREMENT OF THE MINIMUM RESOLVABLE TEMPERATURE DIFFERENCE (MRTD) OF THERMAL CAMERAS	PROMULGATED	09/08/1995	17/02/1997	Review on-going with a potential to merge with 4347 and 4350	
JCGISR	STANAG	4350 Ed.1	CALCULATION OF MINIMUM RESOLVABLE TEMPERATURE DIFFERENCE (MRTD) FOR THERMAL IMAGING SYSTEMS	PROMULGATED	18/07/1995	17/02/1997	Review on-going with a potential to merge with 4347 and 4349, or cancellation	
JCGISR	STANAG	4361 Ed.1	STANDARDIZED PROCEDURES FOR EVALUATING THE EFFECTIVENESS OF OBSCURANTS	PROMULGATED	20/04/2000	01/07/1998		Invite NAFAG to task JCGISR to review validity and report.
JCGISR	STANAG	4418 Ed.1	COUNTERSURVEILLANCE REQUIREMENTS	PROMULGATED	27/07/1995		Work on Ed.2 in progress	Invite NSO to introduce a "STUDY" line for next edition (STANREC).
JCGISR	No Cover	AEP-31 Ed. 1	REFERENCE DOCUMENT ON COLOURS FOR DISRUPTIVE CAMOUFLAGE FOR MILITARY EQUIPMENTS IN USE IN NATO	PROMULGATED	01-02-1994			Invite NAFAG to task JCGISR to review validity and report.
JCGVL	STANAG	4554 Ed.2	AVIATION MISSION PLANNING SYSTEM (AMPS)	PROMULGATED	13/05/2011			
JCGVL	STANREC	4555 Ed.3	MISSION EQUIPMENT PACKAGES (MEP) FOR BATTLEFIELD HELICOPTERS - AMEP-4555 EDITION A	PROMULGATED	26/05/2017			
JNLWCG	STANREC	4729 Ed.2	PERFORMANCE OF NON-LETHAL LAND VEHICLE ARRESTING DEVICES - AEP-74 EDITION B	PROMULGATED	07/03/2016			
JNLWCG	STANREC	4744 Ed.4	RISK ASSESSMENT OF NON-LETHAL KINETIC ENERGY PROJECTILES - AEP-94 EDITION A, AEP-98 EDITION A, AEP-99 EDITION A & AEP-103 EDITION A	PROMULGATED	24/01/2018			
LCGDSS	STANAG	2138 Ed.4	TROOP TRIALS PRINCIPLES AND PROCEDURES - COMBAT CLOTHING AND PERSONAL EQUIPMENT	PROMULGATED	31/05/1996		In revision, to become part of the STANAG 2333.	
LCGDSS	STANAG	2310 Ed.4	7.62 mm x 51 AMMUNITION AND LINK - AOP-66 EDITION A	STUDY				
LCGDSS	STANAG	2311 Ed.4	PRINCIPLES GOVERNING THE DESIGN OF THE INDIVIDUAL LOAD CARRYING EQUIPMENT OF THE COMBAT SOLDIER	PROMULGATED	31/05/1996		In revision, to be merged into STANREC 4780.	
LCGDSS	STANAG	2333 Ed.4	PERFORMANCE AND PROTECTIVE PROPERTIES OF COMBAT CLOTHING	PROMULGATED	12/11/1992		In revision to become the overarching standard to embody 2138, 4364, 4563 and 4573.	
LCGDSS	STANAG	2335 Ed.3	INTERCHANGEABILITY COMBAT CLOTHNG SIZES	PROMULGATED	06/03/2012			
LCGDSS	STANAG	2902 Ed.2	CRITERIA FOR A NATO COMBAT HELMET	PROMULGATED	16/11/2004		New edition is in process for submission to ratification.	
LCGDSS	STANREC	2911 Ed.3	DESIGN CRITERIA FOR FRAGMENTATION PROTECTIVE BODY ARMOUR - AEP-2911 EDITION A	STUDY				
LCGDSS	STANAG	2920 Ed.3	CLASSIFICATION OF PERSONAL ARMOUR - AEP-2920 EDITION A	PROMULGATED	22/06/2015			
LCGDSS	STANAG	2997 Ed.2	LIFE JACKETS AND PERSONAL FLOTATION DEVICES	PROMULGATED	08/10/2004		The responsible team assessed that the standard is current.	Invite NSO to update the reviewed date (per reference to this document).
LCGDSS	STANAG	4090 Ed.2	SMALL ARMS AMMUNITION (9mm PARABELLUM)	PROMULGATED	15/04/1982		Will be revised after the issue of the STANAG 2310.	
LCGDSS	STANAG	4172 Ed.2	5.56 mm AMMUNITION (LINKED OR OTHERWISE)	PROMULGATED	05/05/1993		Will be revised after the issue of the STANAG 2310.	
LCGDSS	STANAG	4173 Ed.1	25 mm x 137 AMMUNITION	PROMULGATED	11/04/1986		Review is on-going. No administrative action is required for now.	
LCGDSS	STANAG	4296 Ed.1	EYE PROTECTION FOR THE INDIVIDUAL SOLDIER - BALLISTIC PROTECTION	PROMULGATED	17/07/1997	17/02/1997	Work on going for Ed.2.	Invite NSO to introduce a "STUDY" line for next edition.
LCGDSS	STANAG	4364 Ed.2	WATERPROOF CLOTHING	PROMULGATED	28/04/2003		In revision, will become part of the STANAG 2333.	
LCGDSS	STANAG	4383 Ed.1	12.7 mm (.50) AMMUNITION PACKED AS LINKED BELTS	PROMULGATED	31/07/2001	01/07/1998	Will be revised after the issue of the STANAG 2310.	
LCGDSS	STANAG	4495 Ed.2	LASER EYE PROTECTION - AEP-4495 EDITION A	PROMULGATED	26/09/2016			
LCGDSS	STANREC	4498 Ed.2	SOLDIER SYSTEMS REPRESENTATIVE TARGETS, HELICOPTERS AND UNARMED VEHICLES - AEP-87 EDITION A	PROMULGATED	17/10/2013			
LCGDSS	STANAG	4509 Ed.1	5.7 x 28 mm SMALL ARMS AMMUNITION	CANCELLED			Work on going for Ed.2.	Approve conduct of this work and invite NSO to introduce a "STUDY" line for next edition.
LCGDSS	STANAG	4512 Ed.1	DISMOUNTED PERSONNEL TARGET	PROMULGATED	06/04/2004		Work on going for Ed.2.	Invite NSO to introduce a "STUDY" line for next edition.
LCGDSS	STANAG	4513 Ed.1	INCAPACITATION AND SUPPRESSION	PROMULGATED	31/03/2004		New edition is in process for submission to ratification.	
LCGDSS	STANREC	4536 Ed.2	REPRESENTATIVE TARGET - UNFORTIFIED AND FORTIFIED STRUCTURES - AEP-88 EDITION A	PROMULGATED	17/10/2013			
LCGDSS	STANAG	4563 Ed.1	TROPICAL FIELD CLOTHING SYSTEM (CLIMATIC ZONES B1, B2, B3)	PROMULGATED	08/10/2004		Note that it is in revision, and it will become part of the STANAG 2333.	
LCGDSS	STANAG	4573 Ed.1	DESIGN CRITERIA FOR ARCTIC CLOTHING (CLIMATE ZONES C0, C1, C2, C3)	PROMULGATED	08/10/2004		In revision, will become part of the STANAG 2333.	
LCGDSS	STANAG	4624 Ed.1	30 MM x 173 AMMUNITION	PROMULGATED	05/09/2012			

Group	Type	Number	English Title	Status	Promulgation Date (dd/MM/yyyy)	Reviewed Date (dd/MM/yyyy)	NAAG to Note	Recommended NAAG Action
LCGDSS	STANAG	4677 Ed.1	DISMOUNTED SOLDIER SYSTEMS STANDARDS AND PROTOCOLS FOR COMMAND, CONTROL, COMMUNICATIONS AND COMPUTERS (C4) INTEROPERABILITY (DSS C4 INTEROPERABILITY) - AEP-76 EDITION A	PROMULGATED	03/10/2014		Version 2 was promulgated in December 2017 after a complete review. Work on Ed.2 has started.	Invite NSO to update the "Reviewed" field as December 2017. Invite NSO to introduce a "STUDY" line for next edition.
LCGDSS	STANAG	4678 Ed.1	CONNECTIVITY STANDARDS FOR SOLDIER BATTLE MANAGEMENT SYSTEMS	STUDY			LCGDSS proposes cancellation per AC/225(DSS)DS(2018)0001	Approve cancellation of STANAG 4678 study.
LCGDSS	STANAG	4690 Ed.1	B5-044/HEARING PROTECTION MARKING	STUDY				
LCGDSS	STANAG	4694 Ed.1	NATO ACCESSORY RAIL	PROMULGATED	16/03/2011			
LCGDSS	STANAG	4695 Ed.1	ELECTRICAL INTERFACE SPECIFICATIONS FOR DISMOUNTED SOLDIER SYSTEMS (DSS) LEVEL 2 POWER INTEROPERABILITY - AEP-4695 EDITION A	PROMULGATED	21/06/2016			
LCGDSS	STANAG	4740 Ed.1	NATO POWERED ACCESSORY RAIL - AEP-90 EDITION A	PROMULGATED	01/06/2016			
LCGDSS	STANAG	4745 Ed.1	40mm x 46 LOW VELOCITY GRENADE AMMUNITION - AOP-4745 EDITION A & AEP-4745 EDITION A	STUDY				
LCGDSS	STANREC	4780 Ed.1	SOLDIER PHYSICAL LOAD CONFIGURATIONS - AEP-4780 EDITION A	PROMULGATED	19/04/2016			
LCGDSS	STANREC	4785 Ed.1	SUPPRESSOR TESTING PROTOCOL ON ACOUSTIC SIGNATURE MEASUREMENT OF SMALL ARMS SUPPRESSORS - AEP-4785 EDITION A	PROMULGATED	31/08/2016			
LCGDSS	STANREC	4796 Ed.1	SUPPORT WEAPON MOUNT MECHANICAL INTERFACE- AEP-4796 EDITION A	PROMULGATED	22/09/2017			
LCGDSS	STANAG	4819 Ed.1	DISMOUNTED BATTERY CHARGING INTERFACE - AEP-4819 EDITION A	STUDY				
LCGDSS	No Cover	ACCP-01 Ed. 2	HEAT TRANSFER AND PHYSIOLOGICAL EVALUATION OF CLOTHING	PROMULGATED	01-06-1992		In revision, will become part of the STANAG 2333.	
LCGDSS	No Cover	ACCP-02 Ed. 1	PROTECTION FROM FLAME AND HEAT RESISTANCE PROVIDED BY AFV CREWMEN'S CLOTHING	PROMULGATED	01-06-1992		In revision, will become part of the STANAG 2333.	
LCGLE	STANAG	2601 Ed.4	STANDARDIZATION OF ELECTRICAL SYSTEMS IN TACTICAL LAND VEHICLES - AEP-2601 EDITION A	PROMULGATED	14/09/2017			
LCGLE	STANAG	2805 Ed.5	FORDING AND FLOTATION REQUIREMENTS FOR COMBAT AND SUPPORT GROUND VEHICLES	PROMULGATED	07/10/1997		Review planned in 2020	
LCGLE	STANAG	4007 Ed.2	ELECTRICAL CONNECTORS BETWEEN PRIME MOVERS, TRAILERS AND TOWED ARTILLERY	PROMULGATED	31/05/1996	28/02/1997	Review planned in 2020	
LCGLE	STANAG	4009 Ed.2	INTERFACE GEOMETRY, TRACTORS AND SEMI-TRAILERS	PROMULGATED	03/06/1997		Reviewed in 2015, to be reviewed again in 2018	Invite NSO to update the Reviewed field to 6 October 2015, per AC/225(LE)DS(2015)0002
LCGLE	STANAG	4015 Ed.3	STARTER BATTERY SPACES FOR TACTICAL LAND VEHICLES	PROMULGATED	17/03/1997		Reviewed in 2015, to be reviewed again in 2018	Invite NSO to update the Reviewed field to 6 October 2015, per AC/225(LE)DS(2015)0002
LCGLE	STANAG	4050 Ed.2	SYMBOLS DESIGNATING FUNCTION OF CONTROLS IN MILITARY VEHICLES	PROMULGATED	19/06/1991		Work on-going for Ed.3	Invite NSO to introduce a "STUDY" line for next edition.
LCGLE	STANAG	4074 Ed.3	AUXILIARY POWER UNIT CONNECTIONS FOR STARTING TACTICAL LAND VEHICLES - AEP-4074 EDITION A	PROMULGATED	14/09/2017			
LCGLE	STANAG	4089 Ed.4	UTILISATION OF SPECIFIED RANGE TARGETS FOR DIRECT FIRE ANTI-ARMOUR AMMUNITION TESTS - AEP-37 EDITION 1	PROMULGATED	06/12/1999	06/12/1999	Review on-going, together with 4190 and 4164	
LCGLE	STANAG	4101 Ed.2	TOWING ATTACHMENTS	PROMULGATED	21/02/2000		Reviewed in 2015, to be reviewed again in 2018	Invite NSO to update the Reviewed field to 6 October 2015, per AC/225(LE)DS(2015)0002
LCGLE	STANAG	4164 Ed.2	TEST PROCEDURES FOR ARMOUR PERFORATION TESTS OF ANTI-ARMOUR AMMUNITION	PROMULGATED	05/11/1998	01/07/1998	Review on-going, together with 4089 and 4190	
LCGLE	STANAG	4190 Ed.2	TEST PROCEDURES FOR MEASURING BEHIND-ARMOUR EFFECTS OF ANTI-ARMOUR AMMUNITION	PROMULGATED	05/11/1998	01/07/1998	Review on-going, together with 4089 and 4164	
LCGLE	STANAG	4195 Ed.1	NATO STANDARD ENGINE LABORATORY TEST FOR DIESEL AND GASOLINE ENGINES AND GAS TURBINE ENGINES - AEP-5	PROMULGATED	14/11/1985		Reviewed in 2016, to be reviewed again in 2018	Invite NSO to update the Reviewed field to 10 October 2016, per AC/225(LE)DS(2016)0002
LCGLE	STANAG	4316 Ed.1	COUNTERSURVEILLANCE REQUIREMENTS FOR FUTURE MAIN BATTLE TANKS (FMBT) - RADAR ASPECTS	PROMULGATED	18/11/1991		Review on going, together with 4318 and 4319. Potential merger of 3 standards	
LCGLE	STANAG	4317 Ed.3	PROCEDURES FOR THE ASSESSMENT OF FIRE PROTECTION LEVELS FOR LAND VEHICLES - AEP-4317 EDITION A	RD (RATIFICATION DRAFT)				
LCGLE	STANAG	4318 Ed.1	COUNTERSURVEILLANCE REQUIREMENTS FOR FMBTs - ACOUSTIC ASPECTS	PROMULGATED	09/11/1992		Review on going, together with 4316 and 4319. Potential merger of 3 standards	
LCGLE	STANAG	4319 Ed.1	COUNTERSURVEILLANCE REQUIREMENTS FOR FUTURE MAIN BATTLE TANKS INFRARED/THERMAL ASPECTS	PROMULGATED	18/11/1991		Review on going, together with 4318 and 4318. Potential merger of 3 standards	
LCGLE	STANAG	4357 Ed.1	ALLIED VEHICLE TESTING PUBLICATIONS (AVTPs) - AVTP-01 EDITION 1	PROMULGATED	06/08/1991			Task LCGLE to review validity and report
LCGLE	STANAG	4358 Ed.1	MUTUAL ACCEPTANCE OF GOVERNMENT VEHICLE TEST AND EVALUATION	PROMULGATED	06/08/1991			Task LCGLE to review validity and report

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LCGLE	STANAG	4381 Ed.1	BLACKOUT LIGHTING SYSTEMS FOR TACTICAL LAND VEHICLES	PROMULGATED	08/07/1994	28/02/1997	Reviewed in 2015, to be reviewed again in 2018	Invite NSO to update the Reviewed field to 6 October 2015, per AC/225(LE)DS(2015)0002
LCGLE	STANAG	4455 Ed.2	STANDARDIZATION OF VME BUS FOR USE IN TACTICAL LAND VEHICLES	PROMULGATED	16/03/2011			
LCGLE	STANAG	4458 Ed.1	105 MM AMMUNITION FOR RIFLED TANK GUNS	PROMULGATED	25/03/1998	28/04/1998	Work on-going for Ed.2	Invite NSO to introduce a "STUDY" line for next edition.
LCGLE	STANAG	4478 Ed.1	EMERGENCY TOWING AND RECOVERY FACILITIES FOR TACTICAL LAND VEHICLES	PROMULGATED	08/10/2004		Work on-going for Ed.2	Invite NSO to introduce a "STUDY" line for next edition.
LCGLE	STANAG	4569 Ed.3	PROTECTION LEVELS FOR OCCUPANTS OF ARMoured VEHICLES - AEP-55 EDITION C & AVPP-1 EDITION A	PROMULGATED	23/05/2014		Work on-going for Ed.4	Invite NSO to introduce a "STUDY" line for next edition.
LCGLE	STANAG	4628 Ed.1	CONTROLLER AREA NETWORK (CAN) PROTOCOLS FOR MILITARY APPLICATIONS	PROMULGATED	17/03/2011			
LCGLE	STANAG	4686 Ed.2	PROCEDURES FOR THE ASSESSMENT OF DEFENSIVE AID SUITES (DAS) FOR LAND VEHICLES - AEP-62 EDITION B	RD (RATIFICATION DRAFT)				
LCGLE	STANAG	4697 Ed.1	PLEVID: PLATFORM LEVEL EXTENDED VIDEO STANDARD - AEP-79 EDITION A	PROMULGATED	29/02/2016		Review planned in 2019	
LCGLE	STANREC	4749 Ed.1	40 x 255 MM CASED TELESCOPED AMMUNITION - AEP-4749 EDITION A	STUDY				
LCGLE	STANAG	4754 Ed.1	NATO GENERIC VEHICLE ARCHITECTURE (NGVA) FOR LAND SYSTEMS - AEP-4754 EDITION A	PROMULGATED	22/02/2018			
LCGLE	STANAG	4818 Ed.1	UGV INTEROPERABILITY PROFILES - AEP-4818 EDITION A	STUDY				
MILENG WG	STANAG	2021 Ed.8	MILITARY LOAD CLASSIFICATION OF BRIDGES, FERRIES, RAFTS AND VEHICLES - AEP-3.12.1.5 EDITION A	PROMULGATED	14/09/2017			
MILENG WG	STANAG	4133 Ed.4	ELECTRICAL POWER SUPPLIES: STANDARD TYPES AND ROTATING GENERATING SETS (AC-DC) - AEP-4133 EDITION A	PROMULGATED	24/03/2017			
MILENG WG	STANREC	4587 Ed.2	HAND-HELD AND ROBOTIC DETECTOR TESTING	STUDY				
MILENG WG	No Cover	AEP-28 Ed. 1	FIELD ELECTRICAL POWER SUPPLY TECHNICAL ASPECTS FOR INTEROPERABILITY	PROMULGATED	01-02-1996			Task MATP to review validity and report.