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NAVIGATION WARFARE DEFINITION

**Edition A Version 1
MARCH 2018**



NORTH ATLANTIC TREATY ORGANIZATION

ALLIED NAVIGATION PUBLICATION

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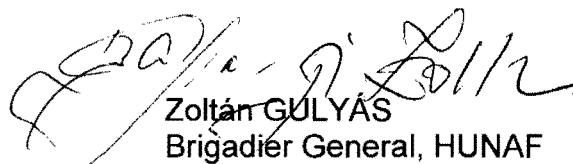
NORTH ATLANTIC TREATY ORGANIZATION (NATO)

NATO STANDARDIZATION OFFICE (NSO)

NATO LETTER OF PROMULGATION

27 March 2018

1. The enclosed Allied Navigation Publication ANP-4621, Edition A, Version 1, NAVIGATION WARFARE DEFINITION, which has been approved by the nations in the Consultation, Command and Control Board (C3B), is promulgated herewith. The agreement of nations to use this publication is recorded in STANAG 4621.
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Zoltán GULYÁS
Brigadier General, HUNAF
Director, NATO Standardization Office

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NAVIGATION WARFARE DEFINITION

AGREEMENT

1. Nations agree:
 - a. **Navigation Warfare (NAVWAR)** is: military actions and/or technical measures to assure positioning, navigation, and timing superiority.

DEFINITIONS

2. For the purpose of this document, the following Navigation, Positioning and Timimng (NPT) definitions are to be used:
 - a. **Navigation** is the process of directing movement from one point to another. It is frequently accomplished by determining a position from which by knowledge of direction, speed and time, arrival at some other position can be predicted. In three co-ordinate navigation, the elements of altitude, elevation, or depth also must be expressed.
 - b. **Positioning** is the process of determining and giving the current geographical position.
 - c. **Timing** is the process of giving a reference time.
3. PNT Systems descriptions are in the NATO Master Navigation Document (ANP-1).
4. Operation and Area Of Operations definitions are in AAP-6 Glossary:
 - a. **Operation** is a military action or the carrying out of a strategic, tactical, service, training, or administrative military mission; the process of carrying on combat, including movement, supply, attack, defence and manoeuvres needed to gain the objectives of any battle or campaign.
 - b. **Area Of Operations** is that portion of an area of war necessary for military operations and for the administration of such operations

PROTECTION OF PROPRIETARY RIGHTS

5. Not applicable.

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