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MCM-109-69

2 December 1969

2nd  
2nd June  
DOWNGRADED BY  
NMS/STW (20Y) 418-84 23/1/84

MEMORANDUM FOR:

- Ministry of Defence, Brussels, Belgium
- Department of National Defence, Ottawa, Canada
- Ministry of Defence, Copenhagen, Denmark
- Ministry of Defence, Paris, France
- Ministry of Defence, Bonn, Germany
- Hellenic Armed Forces Command, Athens, Greece
- Ministry of Defence, Rome, Italy
- Ministry of Defence, Luxembourg, Luxembourg
- Ministry of Defence, The Hague, Netherlands
- Chief of Defence, Oslo, Norway
- Ministry of Defence, Lisbon, Portugal
- Turkish General Staff, Ankara, Turkey
- Ministry of Defence, London, England
- Secretary of Defense, Washington, D.C.

SUBJECT : MC 139 - Operational characteristics  
for a World-Wide En Route and Objective Area  
Navigational Aid System

References : a. AC/243-D/44, 5 Dec 67  
b. IMSM-30-68, 19 Feb 68  
c. AC/259-R/5  
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(Approved for Public Disclosure)  
per Authority IMSM-0462-02  
by No. 2007/4 Date: 12 2 2007

1. At its 43rd meeting on 26 November 1969, the Military Committee approved a document submitted by the NATO C-E Board on "Operational Characteristics for a World-Wide, En Route and Objective Area Navigational Aid System" and forwarded the document as MC 139, to the Secretary General with the request that it be

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-1-

This document consists of 2 pages

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## APPROVED FOR PUBLIC DISCLOSURE

considered by the Conference of National Armaments Directors (CNAD) as the basis for cooperative research and development. The Military Committee also agreed that the document should be forwarded to Nations for consideration in their current development and re-equipment plans and programmes. MC 139 has been forwarded separately.

2. The Military Committee recognizes that current technology offers little promise of achieving, in the immediate future, the objective of a single navigational system which possesses all of the characteristics called for in MC 139 and that the requirements may have to be met in the interim by a combination of selected systems which are currently available or under development in NATO countries. The NATO C-E Board is already engaged in the collection of information on such systems (see Reference b) while the CNAD has agreed (Reference c) to the request made by the Military Committee, at the CNAD meeting in June 1968, that a suitable group be formed to coordinate future development in the navigation and associated fields along the lines recommended in the Long-Term Scientific Study on Navigation (Reference a). The Military Committee recommends that MC 139 be used as the basis for both the selection of navigational systems to meet the immediate requirements and the selection of any future cooperative projects in the navigation and associated fields.

FOR THE MILITARY COMMITTEE



N.G. PALAIOLOGOPOULOS  
Lieutenant General, Hellenic Army  
Director, International Military Staff

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