

AAP-8(F)(NAVY)

NAVAL COOPERATION AND GUIDANCE FOR SHIPPING (NCAGS)

ORGANISATION, PUBLICATIONS AND DOCUMENTS

The information contained in this document shall not be released to a nation outside NATO without following procedures contained in C-M(2002)60.

JULY 2007

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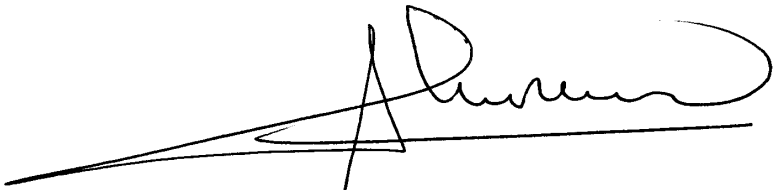
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**NORTH ATLANTIC TREATY ORGANISATION
NATO STANDARDIZATION AGENCY (NSA)
NATO LETTER OF PROMULGATION**

July 2007

1. AAP-8(F)(NAVY) — NAVAL COOPERATION AND GUIDANCE FOR SHIPPING MANUAL (NCAGS) — ORGANISATION PUBLICATIONS AND DOCUMENTS is a NATO UNCLASSIFIED Publication. The Agreement of nations to use this publication is recorded in STANAG 1212.
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Juan A. MORENO
Vice Admiral, ESP(N)
Director, NATO Standardization Agency

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RECORD OF CHANGES

Identification of Change, Reg. No. (if any), and Date	Date Entered	NATO Effective Date	By Whom Entered (Signature; Rank, Grade or Rate; Name of Command)

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CHAPTER 1

General Information

0101 General

MC 376/1 (Final) contains agreed Naval Cooperation and Guidance for Shipping (NCAGS) policy. The operational and tactical elements of NCAGS are contained in ATP-2(B) Volume I. AAP-8(F)(NAVY) provides administrative NCAGS information supplementing that policy.

0102 Purpose and Scope

The purpose of this publication is to provide Allied Naval Authorities with information of the NCAGS capabilities, organisation, publications and administrative information within NATO nations and NATO nations' dependent territories.

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CHAPTER 2

NCAGS Worldwide Organisation

0201 General

This chapter along with Annexes 2A, 2B, 2C and 2D provides details of the NCAGS organisation within NATO nations and NATO nations' dependant territories. Also listed are details of other worldwide NCAGS points of contact, including civilian and military organisations. Lists of nations' ports can be found in Lloyds-Fairplay, International Maritime Organisation (IMO) websites, or directly from operational level contacts shown in the national pages.

0202 Dependent Territories

Information on the NCAGS organisation within the Dependent Territories of NATO nations is listed in Annex 2C but, where appropriate, this has also been included in Annex 2B within the details listed for the nation concerned. In cases where nations designate ships, designated ships may include those from dependent territories (ATP-2(B) Vol. I Chapter 3 refers).

0203 Non-NATO Nations

Information on worldwide NCAGS organisations that are separate from NATO is listed in Annex 2D.

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ANNEX 2A

National NCAGS Personnel Strengths and Readiness

Table 2A-1. Personnel Strengths and Readiness Table

Nation	Total Numbers	Readiness/Remarks	Maximum Duration
BEL	AWNIS – 4 (2 trained/2 trainees) NCAGS – 12 (8 trained/4 trainees)	1 Active at 1 week notice 2 Reserve Officers at 1 month notice	5 months 3 weeks
BGR			
CAN	180	30 days notice. Readiness for personnel is a standard 30 days with possibility of earlier deployment, depending on availability and planning factors	6 months
DNK	15	Under review	2 months rolling
EST			
FRA	60	10 Reserve at 30 days notice	1 month
DEU	248	45% Former Active - 55% Merchant	According to status
GRC	283	Active	As required to support operations
ITA		1 Officer at short notice Further personnel at 30 days notice	According to status
LVA			
LTU			
NLD	100	1 at short notice - Reservist 3 at short notice - All Reservists	1-6 months on basis of rotation
NOR	120	10 at NTM 5-7 days, 110 on a voluntary basis in excess of 28 days. See NRF CJSOR for updated details	TBD
POL	14	6 Active. 8 Reservists	
PRT	5	5 at 21 days notice	
ROU			
SVN			
ESP	96	3 weeks notice (reducible in certain cases)	3 months
SWE	6	3 Active - 3 Reservists	3 months
TUR			
GBR	76	10 at short notice - Rest at 21 days	6 months
USA	192	30 within 14 days – Remainder within 45 days	As required to support operations

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ANNEX 2B

NATO NATIONS NCAGS ORGANISATION

BELGIUM

1. NCAGS Organisation. The NCAGS organisation in Belgium is manned mainly by reserve personnel. The Belgian NCAGS ORG comprises a core of trained NCAGS reservists and a pool of reserve personnel. Admiral BENELUX (ABNL) controls the Belgium/Netherlands cooperation for NCAGS.

2. NCAGS Contacts.

Belgian Navy
Maritime Component
Graaf Jansdijk,1
B-8380 Zeebrugge
IVSN:
Tel/Mobile/Pager: +32 50 558235
Secure Voice/Fax-STU IIB: +32 50 544926
Fax: +32 50 558279
SMA: COMOPSNV
Email: besoncags@mil.be

a. Strategic level - NCAGS Policy Matters:

Belgian Defence
ACOS OPS & Trg
Division Doctrine and requirement
Naval Section
Quartier Reine Elisabeth
Rue d'Evere
1140 Bruxelles
Belgique
SMA: BE PHQ

b. Operational NCAGS Matters:

Belgian Navy
Maritime Component
Graaf Jansdijk,1
B-8380 Zeebrugge
Tel: +32 50 558235
Fax: +32 50 558279
SMA: COMOPSNV

c. National Shipping Authority:

Service Public Fédéral Mobilité et Transports
 Transport Maritime
 Service gestion de la navigation
 Rue d'Arlon ,104
 B-1040 Bruxelles
 Tel: +32 2 233 12 11
 Fax: +32 2 230 30 02
 Website: www.mobilit.fgov.be

d. National Shipping Centre: N/A.

e. Training School:

Belgian – Netherlands Mine Warfare School
 EGUERMIN
 3e en 23ste Linieregimentsplein
 B-8400 Ostend
 Belgium
 Tel: +32 59 563408
 Fax: +32 59 563430
 Email: hbm@eguermin.org

f. Standing Shipping Cooperation Points: N/A.

3. Any additional information required: The Belgian Navy and Royal Netherlands Navy maintain the capability of providing NCAGS staff and dedicated deployable ADP systems to support Headquarters (HQ) and NCAGS Commander Staff abroad in a multinational environment to sustain an operation.

4. National NCAGS Capabilities.

Table 2B-1. National NCAGS Capabilities

Qualification Level	Numbers Available	Maximum Duration	Readiness/Remarks	AWNIS Qualified (Yes/No)
SO NCAGS/OiC SCP	1	6 months	1 week active	No
	2	3-4 weeks	1 month (reserve)	
Duty Officers	6	3- 4 weeks	1 month (reserve)	No
Briefing Officers	2	3- 4 weeks	1 month (reserve)	No
ADP/NAMESIS Operators	1	3- 4 weeks	1 month (reserve)	No
Plotting	1	3- 4 weeks	1 week (active)	Yes
AWNIS	2 2 trainees	3- 4 weeks	1 month (reserve)	Yes

BULGARIA

1. **NCAGS Organisation.**
2. **NCAGS Contacts.**
 - a. **Strategic level - NCAGS Policy Matters:**
 - b. **Operational NCAGS Matters:**
 - c. **National Shipping Authority:**
 - d. **National Shipping Centre:**
 - e. **Training School:**
 - f. **Standing Shipping Cooperation Points:**
3. **Any additional information required.**
4. **National NCAGS Capabilities.**

Table 2B-1. National NCAGS Capabilities (Contd)

Qualification Level	Numbers Available	Maximum Duration	Readiness/Remarks	AWNIS Qualified (Yes/No)
SO NCAGS/OiC SCP				
Duty Officers				
Briefing Officers				
ADP/NAMESIS Operators				
Plotting				

CANADA

1. NCAGS Organisation.

a. There are nominally four NCAGS Units in Canada: two on the West Coast, responsible to the Fourth Maritime Operations Group; and two on the East Coast, responsible to the Fifth Maritime Operations Group. Full-up manning of an NCAGS Unit is 36 personnel (24 officers and 12 sailors).

b. The principal functions for NCAGS are: Command, Operations, Intelligence and Commercial Shipping Liaison. These functions may be carried out by individual personnel, small teams or collectively by an NCAGS Unit, which incorporates all these functions for port level operations.

2. NCAGS Contacts.

a. Strategic level - NCAGS Policy Matters:

NCAGS related issues:

Staff Officer NCAGS/ISR (DMPOR 6-3)
Directorate of Maritime Policy, Operations and Readiness
Chief of the Maritime Staff
National Defence Headquarters
Major General George R. Pearkes Building, 10th Floor South Tower
101 Colonel By Dr
Ottawa, ON K1A 0K2
Canada
Tel: +1-613-945-0557
Fax: +1-613-945-0691
SMA: NDHQ CMS OTTAWA//DMPOR//
Email/Secure email: Available upon request
Website: <http://www.forces.gc.ca>

b. Operational NCAGS Matters:

Atlantic

Staff Officer NCAGS (N31-6)
Maritime Forces Atlantic Headquarters
PO Box 99000 Station Forces
Halifax, NS B3K 5X5
Canada.
Tel: +1-902-427-0423
Fax: +1-902-427-0598
SMA: MARLANT HQ HALIFAX//N31//
Email/Secure email: Available on request
Website: <http://www.navy.forces.gc.ca/marlant>

Pacific

Staff Officer NCAGS (J71-2)
Maritime Forces Pacific Headquarters
PO Box 17000 Station Forces
Victoria, BC V9A 7N2
Canada
Tel: +1-250-363-4869
Fax: +1-250-363-4844
SMA: MARPAC HQ ESQUIMALT//J71//
Email/Secure email: Available upon request
Website: <http://www.navy.forces.gc.ca/marpac>

c. National Shipping Authority:

Transport Canada
330 Sparks Street
Ottawa, ON
K1A 0N5

d. National Shipping Centres:

Atlantic

Joint Ocean Surveillance and Information Centre (TRINITY)
PO Box 99000 Stn Forces Halifax, NS
B3K 5X5
Canada
SMA: TRINITY HALIFAX
Tel: +1-902-721-8323

Pacific

Operations Support Centre Pacific (ATHENA)
PO Box 17000 Station Forces
Victoria, BC V9A 7N2
Canada
SMA: OSCP ESQUIMALT
Tel: +1-250-363-1060

e. Training School:

Canadian Forces Fleet School Quebec
Intelligence Division Commander
PO BOX 1000 Station Forces
Courcelette, QC G0A 4Z0
Canada
SMA: CFFS QUEBEC//INT DIV CDR//
Tel: +1-418-694-5560 Ext. 5436

f. **Standing Shipping Cooperation Points:** N/A.

3. **Any additional information required:** N/A.

4. **National NCAGS Capabilities.**

Table 2B-1. National NCAGS Capabilities (Contd)

Qualification Level	Numbers Available ¹	Maximum Duration ²	Readiness/Remarks ³	AWNIS Qualified (Yes/No) ⁴
SO NCAGS/OiC SCP	4+	6 months	30 days NTM	No
Duty Officers	6+	6 months	30 days NTM	No
Briefing Officers	6+	6 months	30 days NTM	No
ADP/NAMESIS Operators	6+	6 months	30 days NTM	No
Plotting	6+	6 months	30 days NTM	No

¹ Numbers are an estimate based on total establishment and historical trends. Deployment is voluntary in less than war scenario.

² There is a possibility of further rotations, depending on availability of personnel.

³ Readiness for personnel is a standard 30 days with possibility of earlier deployment depending on availability and planning factors.

⁴ AWNIS is not a career course requirement, however, some personnel have obtained the qualification.

DENMARK

1. NCAGS Organisation. The NCAGS organisation in Denmark is manned mainly by reserve personnel. The Danish NCAGS ORG comprises a core of trained NCAGS reservists and a pool of reserve personnel. Admiral Danish Fleet controls the Danish NCAGS cooperation.

2. NCAGS Contacts.

Admiral Danish Fleet
P.O. Box 1483
DK-8220 Brabrand
IVSN: 327 3099
Tel/Mobile/Pager: +45 8943 3099
Secure Voice/Fax-STU IIB: +45 8943 3143
Fax: +45 8943 3171
SMA: ADMIRALDANFLEET
Email: ncags@sok.dk
Website: www.forsvaret.dk/sok/eng

a. Strategic level - NCAGS Policy Matters:

Defence Command Denmark
P.O Box 202
DK-2950 Vedbæk
Denmark
IVSN: 335 9111
Tel: +45 4567 4567
Fax: +45 4589 0748
SMA: DC DA
Email: fko@mil.dk
Website: www.forsvaret.dk/fko/eng

b. Operational NCAGS Matters:

Admiral Danish Fleet
P.O Box 483
DK-8100 Aarhus C
Denmark
IVSN: 327 3099
Tel: +45 8943 3099
Fax: +45 8943 3171
SMA: ADMIRALDANFLEET
Email: sok@sok.dk
Website: www.forsvaret.dk/sok/eng

c. National Shipping Authority:

National Maritime Authority
 Vermundsgade 38C
 DK-2100 København Ø
 Denmark
 Tel: +45 3917 4400
 Fax: +45 3917 4401
 Email: ma@dma.dk
 Website: www.dma.dk

d. National Shipping Centre: N/A.

e. Training School:

Naval Warfare School
 Naval Base Frederikshavn
 DK-9900 Frederikshavn
 Denmark
 Tel: +45 9922 1834
 Fax: +45 9922 1835
 SMA: NAVWARSCHOOL DA
 Email: ais@ais.svn.dk
 Website: www.ais.svn.dk

f. Standing Shipping Cooperation Points: N/A.

3. Any additional information required. N/A.

4. National NCAGS Capabilities.

Table 2B-1. National NCAGS Capabilities (Contd)

Qualification Level	Numbers Available	Maximum Duration	Readiness/Remarks	AWNIS Qualified (Yes/No)
SO NCAGS/OiC SCP	2	1 month	Only up to 3 persons at any time	No
Duty Officers	2	1 month	Only up to 3 persons at any time	No
Briefing Officers	2	1 month	Only up to 3 persons at any time	No
ADP/NAMESIS Operators	2	1 month	Only up to 3 persons at any time	No
Plotting	2	1 month	Only up to 3 persons at any time	No

ESTONIA

1. **NCAGS Organisation.**
2. **NCAGS Contacts.**
 - a. **Strategic level - NCAGS Policy Matters:**
 - b. **Operational NCAGS Matters:**
 - c. **National Shipping Authority:**
 - d. **National Shipping Centre:**
 - e. **Training School:**
 - f. **Standing Shipping Cooperation Points:**
3. **Any additional information required.**
4. **National NCAGS Capabilities.**

Table 2B-1. National NCAGS Capabilities (Contd)

Qualification Level	Numbers Available	Maximum Duration	Readiness/Remarks	AWNIS Qualified (Yes/No)
SO NCAGS/OiC SCP				
Duty Officers				
Briefing Officers				
ADP/NAMESIS Operators				
Plotting				

FRANCE

1. NCAGS Organisation. In France, the following existing commanders should be involved in NCAGS operations.

a. In France and overseas, the Commanders of Maritime Zones are the permanent Operational Controller of their area of responsibility and could carry out the functions of NCAGS CDR in their zone. There are four major commanders of maritime zones:

- CECLANT: for Atlantic Ocean
- CECMED: for Mediterranean Sea
- ALINDIEN: for Indian Ocean
- ALPACI: for Pacific Ocean

b. COMFRMARFOR, commander of the French High Readiness Forces (M) HQ, located in Toulon could assume the functions of NCAGS CDR in projection operations.

c. The national shipping centre (CENTCOOPNAV) in Brest is the unique point of contact for merchant ships and owners participating in NCAGS operations.

2. NCAGS Contacts.

a. Strategic level - NCAGS Policy Matters:

Etat-Major des Armées (French Joint Forces Headquarters)
Monsieur le général d'armée
Chef d'Etat-Major des Armées
14 Rue Saint-Dominique
00456 ARMEES
SMA: ARMEES PARIS
Website: www.ema.defense.gouv.fr

Etat-Major de la Marine (French Navy Headquarters)
Monsieur l'amiral
Chef d'état-major de la marine
2 Rue Royale
00350 ARMEES
SMA: MARINE PARIS
Website: www.ema.defense.gouv.fr

b. Operational NCAGS Matters:

ALOPS
Monsieur l'amiral
Sous - chef d'état-major opérations aréonavales
2 Rue Royale
00350 ARMEES
SMA: MARINE CENTOPS PARIS

CECLANT

Monsieur le vice-amiral d'escadre
Commandant la zone maritime Atlantique – Manche-mer du Nord
Commandant la région maritime Atlantique – Manche-mer du Nord
Amirauté de Brest
BP 46 - 29240 BREST ARMEES
Tel: +33 298 220 536 (MOC Duty Officer)
Fax: +33 298 377 968
SMA: CECLANT

CECMED

Monsieur le vice-amiral d'escadre
Commandant la zone maritime Méditerranée
Commandant la région maritime Méditerranée
Amirauté de Toulon
BP 900 - 83800 TOULON ARMEES
SMA: CECMED

ALINDIEN

Monsieur le contre-amiral
Commandant la Zone Maritime de l'Océan Indien
00389 ARMEES
SMA: ALINDIEN
Email: alindien@free.fr

ALPACI

Monsieur le commandant
du SP 91300
00201 ARMEES
SMA: ALPACI-COMSUP POLYNESIE

COMFRMARFOR

Monsieur le contre-amiral
Commandant la composante maritime France
BP 37 - 83800 TOULON ARMEES
SMA: COMFRMARFOR

c. National Shipping Authority:

Commissariat aux transports maritimes (NSA France)
Monsieur le commissaire aux transports maritimes
Arche de la Défense paroi sud
92055 La Défense Cedex
Tel: +33 0140817218/7219
Fax: +33 0140817220
SMA: TRANSPOMAR PARIS
Email: NSAFrance@equipement.gouv.fr

d. National Shipping Centre:

CENTCOOPNAV
 Monsieur le commandant
 du SP 70037
 00443 ARMEES
 SMA: CENTCOOPNAV
 Email: centcoopnav@marine.defense.gouv.fr

e. Training School: NCAGS team in MOC BREST (Maritime Operation Centre) delivers basic education and training on NCAGS matters.

f. Standing Shipping Cooperation Points: N/A.

3. Any additional information required:

a. A Deputy NCAGS officer and a NCAGS team (Groupe Permanent de Co-opération Navale (GPCN)) in COM BREST (MOC) are responsible for all NCAGS issues (documentation, training and participation in NATO working groups etc) except operational matters.

COM BREST
 Monsieur le capitaine de vaisseau
 Commandant le centre opérationnel de la Marine Brest
 BP 46 - 29240 BREST ARMEES
 IVSN:
 Tel: +33 298 377 754
 Fax: +33 298 149 226
 SMA: MARINE CENTOPS BREST
 Email: com-brest.n3.ncags@marine.defense.gouv.fr

b. An officer in FRMARFOR staff in Toulon is in charge of NCAGS matters:

Email: alfan.cfmf.ncags@marine.defense.gouv.fr

4. National NCAGS Capabilities.

Table 2B-1. National NCAGS Capabilities (Contd)

Qualification Level	Numbers Available	Maximum Duration	Readiness/Remarks	AWNIS Qualified (Yes/No)
SO NCAGS/OiC SCP	2	30 days	30 days	No
Duty Officers	3	30 days	30 days	No (2) Yes (1)
Briefing Officers	3	30 days	30 days	No
ADP/NAMESIS Operators	2	30 days	30 days	No

GERMANY

1. NCAGS Organisation. The NCAGS organisation in Germany is mainly manned by reserve personnel. Two Shipping Cooperation Points (SCP) are established in Bremerhaven and Hamburg.

2. NCAGS Contacts.

CINCGERFLEET
PO BOX 1163
24956 Glücksburg
Germany
Tel: +49 4631 666 Ext 3331
Fax: +49 4631 666 Ext 4505
SMA: CINCGERFLEET
Email: msltorgflotte@bundeswehr.org
Website: www.scc-gluecksburg.de

a. Strategic level - NCAGS Policy Matters:

CINCGERFLEET will act on behalf of MOD DEU in peace and wartime.

b. Operational NCAGS Matters:

Commander in Chief German Fleet
PO BOX 1163
24956 Glücksburg
Germany
Tel: + 49 4631 666 Ext 3331
Fax: + 49 4631 666 Ext 4505
SMA: CINCGERFLEET

c. National Shipping Authority:

Ministry of Transport Building and Housing Germany
Directorate General for Civil Aviation and Maritime Transport
Division LS 01
Invalidenstr. 44
10115 Berlin
Germany
Tel: +49 30 2008 0
Fax: +49 30 2008 4598

d. National Shipping Centre: N/A.

e. Training School:

Naval Operation School Bremerhaven
 Elbestraße 101
 27570 Bremerhaven
 Germany

f. Standing Shipping Cooperation Points:

SCP Bremerhaven
 Wiener Str. 12
 27568 Bremerhaven
 Germany
 Tel: +49 471 4501 3700
 Email: msltstbremerhaven@bundeswehr.org

SCP Hamburg
 Osdorfer Landstrasse 365
 22589 Hamburg
 Germany
 Tel: +49 40 86648 4570
 Email: scphamburg@bundeswehr.org

3. Any additional information required. N/A.

4. National NCAGS Capabilities.

Table 2B-1. National NCAGS Capabilities (Contd)

Qualification Level	Numbers Available	Maximum Duration	Readiness/Remarks	AWNIS Qualified (Yes/No)
SO NCAGS/OiC SCP				
Duty Officers				
Briefing Officers				
ADP/NAMESIS Operators				
Plotting				

GREECE

1. NCAGS Organisation. The Hellenic NCAGS organisation is in full deployment and focused in two pillars. The first is the Hellenic Navy General Staff (HNGS) and second is the Hellenic Ministry of Mercantile Marine (HMMM). During crisis periods the HMMM is under the control of HNGS. There are three Naval Commands, subordinated to the Hellenic Fleet HQ (HFHQ) under the command of CHFHQ. These three commands are in close cooperation with Regional Coast Guard Authorities and their subordinate Coast Guard Stations.

2. NCAGS Contacts.

a. Strategic level - NCAGS Policy Matters:

Commander in Chief of the Hellenic Navy General Staff
Hellenic Navy General Staff
Hellenic Navy Headquarters
Mesogeion Ave
229-Stratopedo-Papagou-Holargos
TK 155 61
Greece
Tel: +30 210 6551257
Fax: +30 219 6551250
Email: gen_a1v@hellenicnavy.gr

b. Operational NCAGS Matters:

Commander in Chief of the Hellenic Navy General Staff
Hellenic Navy General Staff
Hellenic Navy Headquarters
Mesogeion Ave
229-Stratopedo-Papagou-Holargos
TK 155 61
Greece
Tel: +30 210 6551257
Fax: +30 219 6551250
Email: gen_a1v@hellenicnavy.gr

c. National Shipping Authority:

Hellenic Ministry of Mercantile Marine (HMMM)
Grig. Lampraki 150 A
Piraeus 185-38
Greece
Tel: +30 210 4121211
Fax: +30 210 4170856
Email: dpsea@yen.gr

d. National Shipping Centre: During crisis, or periods of war, the Operation Centre of the HNGS will be established a National Shipping Centre with the following subordinate Cells:

- NCAGS Operations Cell
- Merchant Marine Traffic Cell manned by Coast Guard Personnel for managing the Merchant Marine traffic
- Multinational Sea Lift Coordination Centre (ATHENS/MSCC), Representative Cell for chartering issues. Further details are listed in the ATHENS/MSCC 'User Guide' obtainable from the Hellenic General Staff ATHENS/MSCC
- Hellenic Hydrographic Service Staff Cell acting as Allied Worldwide Navigational System (AWNIS) Area Originating Authority

e. Training School: N/A.

f. Standing Shipping Cooperation Points:

Naval Aegean Command.

Senior Naval Office Aegean (SNOA)
Odos Propontidos Terma
Palataki-Piraeus
TK 18539
Greece
Tel: +30 210 4581000
Fax: +30 210 4512833

Naval Command of North Greece.

Senior Naval Office North Greece (SNONG)
Sofouli 120-Thessaloniki
Greece
Tel: +30 231 0469712
Fax: +30 231 0469717

Naval Ionian Command

Senior Naval Office Ionian (SNOI)
Othonos Amalias 31-Patra
Greece
Tel: +30 261 0275422
Fax: +30 261 0220118

3. Any additional information required. All national and international training issues should be addressed to the contacts listed in Para 2A.

4. National NCAGS Capabilities.

Table 2B-1. National NCAGS Capabilities (Contd)

Qualification Level	Numbers Available	Maximum Duration	Readiness/Remarks	AWNIS Qualified (Yes/No)
SO NCAGS/OiC SCP				
Duty Officers				
Briefing Officers				
ADP/NAMESIS Operators				
Plotting				

ITALY

1. NCAGS Organisation. The Italian NCAGS organisation is provided by personnel on duty, organised according to requests.

2. NCAGS Contacts.

a. Strategic level - NCAGS Policy Matters:

STATO MAGGIORE DELLA MARINA – MARISTAT
3° Reparto PG/PM
Piazza della Marina n. 1 - 00195 ROMA – ITALIA
Tel: +39 06 3680 3507
Fax: +39 06 3680 3507
Email: mstat.3r.pgpm.ad3uff@marina.difesa.it

b. Operational NCAGS Matters:

COMANDO IN CAPO DELLA SQUADRA NAVALE – CINCNAV
Via della Storta 701 - 00123 ROMA – ITALIA
Tel: +39 06 3680 9047
Fax +39 06 3680 9363
Email: cincnav.n5.csezmar@marina.difesa.it

c. National Shipping Authority:

STATO MAGGIORE DELLA MARINA – MARISTAT
3° Reparto PG/PM
Piazza della Marina n. 1 - 00195 ROMA – ITALIA
Tel: +39 06 3680 3507
Fax: +39 06 3680 3507
Email: mstat.3r.pgpm.ad3uff@marina.difesa.it

d. National Shipping Centre:

COMANDO IN CAPO DELLA SQUADRA NAVALE – CINCNAV
Via della Storta 701 - 00123 ROMA – ITALIA
Tel: +39 - 06.3680 9047
Fax: +39 - 06.3680 9363
Email: cincnav.n5.csezmar@marina.difesa.it

e. Training School: N/A.

f. Standing Shipping Cooperation Points: N/A.

3. Any additional information required. N/A.

4. National NCAGS Capabilities.

Table 2B-1. National NCAGS Capabilities (Contd)

Qualification Level	Numbers Available	Maximum Duration	Readiness/Remarks	AWNIS Qualified (Yes/No)
SO NCAGS/OiC SCP				
Duty Officers				
Briefing Officers				
ADP/NAMESIS Operators				
Plotting				

LATVIA

1. NCAGS Organisation.
2. NCAGS Contacts.
 - a. Strategic level - NCAGS Policy Matters:
 - b. Operational NCAGS Matters:
 - c. National Shipping Authority:
 - d. National Shipping Centre:
 - e. Training School:
 - f. Standing Shipping Cooperation Points:
3. Any additional information required.
4. National NCAGS Capabilities.

Table 2B-1. National NCAGS Capabilities (Contd)

Qualification Level	Numbers Available	Maximum Duration	Readiness/Remarks	AWNIS Qualified (Yes/No)
SO NCAGS/OiC SCP				
Duty Officers				
Briefing Officers				
ADP/NAMESIS Operators				
Plotting				

LITHUANIA

1. NCAGS Organisation.
2. NCAGS Contacts.
 - a. Strategic level - NCAGS Policy Matters:
 - b. Operational NCAGS Matters:
 - c. National Shipping Authority:
 - d. National Shipping Centre:
 - e. Training School:
 - f. Standing Shipping Cooperation Points:
3. Any additional information required.
4. National NCAGS Capabilities.

Table 2B-1. National NCAGS Capabilities (Contd)

Qualification Level	Numbers Available	Maximum Duration	Readiness/Remarks	AWNIS Qualified (Yes/No)
SO NCAGS/OiC SCP				
Duty Officers				
Briefing Officers				
ADP/NAMESIS Operators				
Plotting				

NETHERLANDS

1. NCAGS Organisation. The NCAGS Organisation in the Netherlands is manned mainly by reserve personnel. It comprises of a core of trained NCAGS reservists and a pool of reserve personnel. The core is of sufficient size to provide personnel for the first demand. Demands for a larger organisation would be generated from the reserve pool. Admiral BENELUX (ABNL) controls the Belgium/Netherlands cooperation for NCAGS.

2. NCAGS Contacts.

Royal Netherlands Navy Command
1780 CA Den Helder
ABNL
Maritiem Situatie Centrum BENELUX
The Netherlands
IVSN:*03-247-8243 *03-247-8220 (24hrs)
IVSN:*03-215-1291
Tel: +31 223 658243
Fax: +31 223 658140
Secure Voice-STU IIB: +31 223 658184
Secure Fax-STU IIB: +31 223 658184
Email: post.sosshipping.czmops@rnnavy.mindef.nl

a. Strategic level - NCAGS Policy Matters:

Defence Operation Centre
Kalvermarkt 32
Postbus 20702
2500 ES Den Haag
The Netherlands
SMA: MODNL

b. Operational NCAGS Matters:

Royal Netherlands Navy Command
Maritiem Situatie Centrum BENELUX
1780 CA Den Helder
The Netherlands
Tel: +31 223 658243
Fax: +31 223 658140
SMA: RNLNAVY COMMAND

Coastguard Centre
Maritiem Situatie Centrum BENELUX
1780 CA Den Helder
The Netherlands
Tel: +31 223 658353
Tel: +31 223 658140

c. National Shipping Authority:

Departementaal Coördinatie Centrum
Ministerie van Verkeer en Waterstaat
Postbus 20906
2500 ex Den Haag
The Netherlands
Email: info@dccvenw.nl
Internet: www.dccvenw.nl
Tel: +31 70 35 18 555
Fax: +31 70 35 18 060

d. National Shipping Centre:

Departementaal Coördinatie Centrum Crisisbeheersing
Ministerie van Verkeer en Waterstaat
Postbus 20906
2500 ex Den Haag
The Netherlands
Email: info@dccvenw.nl
Tel: +31 70 35 18 555
Fax: +31 70 35 18 060

e. Training School:

Minewarfare School Eguermin
3e en 23ste linieregimentsplein
B 8400 Ostend
Belgium

f. Standing Shipping Cooperation Points: N/A.

3. Any additional information required. The Belgian Navy and Royal Netherlands Navy maintains the capability of providing NCAGS staff and dedicated deployable ADP systems to supplement Headquarters (HQ), provide two Shipping Cooperation Points (SCP) and provide augmentees to NATO and HQ staff as required, to sustain one concurrent operation.

4. National NCAGS Capabilities.

Table 2B-1. National NCAGS Capabilities (Contd)

Qualification Level	Numbers Available	Maximum Duration	Readiness/Remarks	AWNIS Qualified (Yes/No)
SO NCAGS/OiC SCP				
Duty Officers				
Briefing Officers				
ADP/NAMESIS Operators				
Plotting				

NORWAY

1. NCAGS Organisation. The NCAGS organisation in Norway is co-ordinated by the Norwegian National Joint Headquarters (NOR NJHQ) located in Stavanger. NCAGS personnel total 120. They consist of 10 personnel who are ready for deployment within five-seven days and 110 reservists who can be called up on a voluntary basis. Maximum duration is six months.

2. NCAGS Contacts.

a. Strategic level - NCAGS Policy Matters:

Defence Staff Norway
Oslo Mil/Akershus
Norway
Tel: +47 23096770
Fax: +47 23096775
SMA: DEFST SITCEN
Secure E-mail: DEF SITCEN
E-mail: sitcen@mil.no
Website: www.mil.no/languages/english/start

b. Operational NCAGS Matters:

Norwegian National Joint Headquarters
Pb. 8085
N-4068 Stavanger
Norway
Tel (NCAGS): +47 51343856
Fax (NCAGS): +47 51343819
Tel (Duty Off): +47 51343830
Fax (Duty Off): +47 51343819
SMA: NO NJHQ
NO NJHQ COMNAV
Secure Fax: (NS-WAN) NO NJHQ NAVOPS

c. National Shipping Authority:

National Shipping Authority- Norway

PO Box 1452 Vika

NO-0116 Oslo

Norway

IVSN: 920 47 05105698

Tel: +47 22401500

Fax: +47 22420311

+47 22401515

Secure Fax: TCE 500/Cryptec 10A (Call in advance for manual activation)

SMA: NSA NO

Email: beredska@rederi.no

Website: www.rederi.no

Visit address: Radhusgt 25,
Oslo

Out of Hours Contact: Arild Wegener

Tel: +47 22401646

Mobile +47 90982786

d. National Shipping Centre: N/A.

e. Training School:

Norwegian Naval Training Establishment

KNM Tordenskjold

SMOPS/NCAGS

Pb 1,

Haakonsvern

N-5886 Bergen

Norway

Tel: +47 55503567/69

Fax: +47 55503568

SMA: NORNAVTRAINEST

E-mail: ncags@mil.no

f. Standing Shipping Cooperation Points: N/A.

3. Any additional information required. N/A.

4. National NCAGS Capabilities.

Table 2B-1. National NCAGS Capabilities (Contd)

Qualification Level	Numbers Available	Maximum Duration	Readiness/Remarks	AWNIS Qualified (Yes/No)
SO NCAGS/OiC SCP	3 + 6	6 months	1 on 5 days NTM (NRF) 1 on 7-28 days NTM	No
Duty Officers	3 + 2 (Watch Cdr)	6 months	1 Duty Off NRF NTM 5 days, 1 Duty Off NTM 7-28 days	No
Briefing Officers	7	6 months	2 NRF NTM 5 days, 2 NTM 7-28 days	No
ADP/NAMESIS Operators	5	6 months	Of which 2 ADP 1 NRF NTM 5 DAYS	No
Plotting	-	6 months		

POLAND

1. NCAGS Organisation. In peacetime the NCAGS Section of the Naval Operations Centre is an active element of NCAGS Organisation in Poland. In case of tension or crisis other NCAGS elements (Shipping Co-operations Points or smaller units) can be activated in designated locations. In war all ports will be additionally manned with military reserve personnel.

2. NCAGS Contacts.

a. Strategic level - NCAGS Policy Matters: N/A

b. Operational NCAGS Matters:

NCAGS Section in Naval Operations Centre
Polish Navy Operations Centre
ul. Waszyngtona 44
81- 912 Gdynia
IVSN: 925 4807 26 3098
Tel: +48 58 626 3098
Fax: +48 58 626 3487
Secure Fax: +48 58 626 31 93
SMA: PLNAVOPS
Email: ncagspl@mw.mil.pl
Secure Email (CRONOS)PL NAVY DUTY OPS SVCE

Out of Hours Contact:
Polish Navy Duty Operations Service
Tel: +48 58 626 3444
Other data as above

c. National Shipping Authority: Poland has no formally nominated NSA. The Office of Defence Issues in the Ministry of Maritime Economy serves as a point of contact in all matters concerned.

Ministerstwo Gospodarki Morskiej – Biuro Spraw Obronnych i Ochrony Informacji
Niejawnych
ul. Chalubinskiego 4/6
00-928 Warszawa
Tel: +48 22 630 1478
Fax: +48 22 630 1485

Out of Hours Contact:
Tel: +48 22 630 1456
Fax: +48 22 630 1458

- d. National Shipping Centre: N/A.
 - e. Training School: N/A.
 - f. Standing Shipping Cooperation Points: N/A.
3. Any additional information required. N/A.
4. National NCAGS Capabilities.

Table 2B-1. National NCAGS Capabilities (Contd)

Qualification Level	Numbers Available	Maximum Duration	Readiness/Remarks	AWNIS Qualified (Yes/No)
SO NCAGS/OiC SCP	2	TBD	Active	No
Duty Officers	2	TBD	Active	No
Briefing Officers	2	TBD	Active	No
ADP/NAMESIS Operators			All NCAGS Officers are trained in ADP (NAMESIS) use	

PORTUGAL

1. NCAGS Organisation.

Centro de Instrução e Tática Naval
Base Naval de Lisboa – Alfeite
2800-001 ALMADA
PORTUGAL
IVSN: 886 515-1125
Tel: +351 212728138
Fax: +351 212728169
SMA: CENTACTICMAR
Email: citan@marinha.pt

Out of Hours Contact: +351 212728138

2. NCAGS Contacts.

a. Strategic level - NCAGS Policy Matters:

Estado-Maior da Armada
Rua do Arsenal
1149-001 LISBOA
PORTUGAL
IVSN: 886 515 1348
Tel: +351 213217635
Fax: +351 213479591
SMA: MAIORMAR
Email: ema.divops@marinha.pt

Out of Hours Contact: +351 213255597

IVSN: 886 515-1125
Tel: +351 212728138
Fax: +351 212728169
SMA: CENTACTICMAR
Email: citan@marinha.pt

Out of Hours Contact: +351 212728138

b. Operational NCAGS Matters:

As above.

c. National Shipping Authority:

CPETM
Edificio Vasco da Gama
Rua General Gomes de Araujo
1399-005 LISBOA
PORTUGAL
Tel/Fax: +351 213914500/213914600
Telegraph: AUTONACIONAV LISBOA
SMA: NSA PORTUGAL
Email: ann@mail.telepac.pt

d. National Shipping Centre: N/A.

e. Training School: N/A.

f. Standing Shipping Cooperation Points: Normally dormant. Details are applicable when the SCP is activated.

Portugal (Mainland)

Lisboa

SCP Lisboa
Capitania Do Porto De Lisboa
Comando Local De Lisboa
Alacantara Mar
1350-352 LISBOA
PORTUGAL
Tel/Fax: +351 210911130/213909199
SMA: To: CAPIMARLISBOA
Info: CENTACTICMAR
COMNAV

Leixoes

SCP Leixoes
Comando Da Zona Maritima Do Norte
Leca Da Palmeira
Av Da Liberdade
4450-718 LECA DA PALMEIRA
PORTUGAL
Tel/Fax: +351 229983160/229983163
SMA: To: COMZONMARNORTE
Info: CENTACTICMAR
COMNAV

Portimao

SCP Portimao
Pan Portimao
Ponto De Apoio Naval
Av Da Liberdade
8500 PORTIMAO
PORTUGAL
Tel/Fax: +351 282417055/2824170055
SMA: To: PANPORTIMAO
Info: CENTACTICMAR
COMNAV
COMZONMARSUL

Portugal (Madeira Island)

Funchal

SCP Funchal
Comando Da Zonal Maritima Da Madeira
Av. Do Mar E Das Comunidades Madeirenses, NR. 19
9000-054 FUNCHAL
Tel/Fax: +351 291213110/291228232
SMA: To: COMZONMARMADEIRA
Info: CENTACTICMAR
COMNAV

Portugal (Azores Island)

Ponta Delgada

SCP Delgada
Comando Da Zona Maritima Dos Acores
Av. Infante D Henrique
9500-150 PONTA DELGADA
Tel/Fax: +351 296205220/296205239
SMA: To: COMZONMARACORES
Info: CENTACTICMAR
COMNAV

Praia Da Vitoria

SCP Vitoria
 Capitania Do Porto Da Praia Da Vitoria
 9500-150 PONTA DELGADA
 Tel/Fax: +351 296205220/296205239
 SMA: To: CAPIMARVITORIA
 Info: CENTACTICMAR
 COMNAV
 COMZONMARACORES

- 3. Any additional information required. N/A.
- 4. National NCAGS Capabilities.

Table 2B-1. National NCAGS Capabilities (Contd)

Qualification Level	Numbers Available	Maximum Duration	Readiness/Remarks	AWNIS Qualified (Yes/No)
SO NCAGS/OiC SCP				
Duty Officers				
Briefing Officers				
ADP/NAMESIS Operators				
Plotting				

ROMANIA

1. NCAGS Organisation.
2. NCAGS Contacts.
 - a. Strategic level - NCAGS Policy Matters:
 - b. Operational NCAGS Matters:
 - c. National Shipping Authority:
 - d. National Shipping Centre:
 - e. Training School:
 - f. Standing Shipping Cooperation Points:
3. Any additional information required.
4. National NCAGS Capabilities.

Table 2B-1. National NCAGS Capabilities (Contd)

Qualification Level	Numbers Available	Maximum Duration	Readiness/Remarks	AWNIS Qualified (Yes/No)
SO NCAGS/OiC SCP				
Duty Officers				
Briefing Officers				
ADP/NAMESIS Operators				
Plotting				

SLOVENIA

1. NCAGS Organisation.
2. NCAGS Contacts.
 - a. Strategic level - NCAGS Policy Matters:
 - b. Operational NCAGS Matters:
 - c. National Shipping Authority:
 - d. National Shipping Centre:
 - e. Training School:
 - d. National Shipping Centre:
 - e. Training School:
 - f. Standing Shipping Cooperation Points:
3. Any additional information required.
4. National NCAGS Capabilities.

Table 2B-1. National NCAGS Capabilities (Contd)

Qualification Level	Numbers Available	Maximum Duration	Readiness/Remarks	AWNIS Qualified (Yes/No)
SO NCAGS/OiC SCP				
Duty Officers				
Briefing Officers				
ADP/NAMEISIS Operators				
Plotting				

SPAIN

1. NCAGS Organisation.

a. Under the Operational Command of AJEMA, the nucleus of Spanish Navy NCAGSORG is ALMART, (Almirante de la Fuerza de Acción Marítima) who can act either as NCAGS CDR, or Subordinate CDR to another NCAGS CDR, as required.

b. Four standing SCP are activated on a permanent basis in Spanish Navy facilities ashore, with subordinated NCAGS Units activated on call in all major ports in Spain. Personnel from ALMART HQ, SCP and NCAGS Units can be deployed to support other NCAGS ORG.

2. NCAGS Contacts.

a. Strategic level - NCAGS Policy Matters:

Almirante Jefe del Estado Mayor de la Armada (AJEMA).
Estado Mayor de la Armada (EMA)
Cuartel General de la Armada
C/ Montalbán 2
28014 MADRID
SPAIN
IVSN: 553 2127
Tel: +34 91 379 5367
Secure Fax: +34 91 522 5104
SMA: AJEMA
Secure E-mail: SP NAVY MON-ops
Email: jesemon@fn.mde.es
Website: www.armada.mde.es

Out of Hours Contact: Ops Room manned 24 hrs

b. Operational NCAGS Matters:

Almirante de Acción Marítima (ALMART) (under AJEMA OPCOM)
Cuartel General de Acción Marítima (ALMART HQ)
C/ Villamartín s/n
30290 CARTAGENA NAVAL
SPAIN
SMA: ALMART
IVSN: 553 2179
Telephone: +34 968 12 7242
Secure Fax: +34 968 12 7033
Email: spfamncags@fn.mde.es & spfamcoam@fn.mde.es
Email NCAGS Officer: jmorpl6@fn.mde.es
Website: www.armada.mde.es

Out of Hours Contact: Ops Room manned 24 hrs

c. National Shipping Authority:

Director General de la Marina Mercante (DIMAMER)
 C/ Ruiz de Alarcón 1
 28014 MADRID
 SPAIN
 Tel: +34 91 5979116/17/18
 +34 91 5974243
 Fax: +34 91 5979120/87
 +34 91 5979235
 SMA: DIMAMER
 Email:
 Website: www.mfom.es/marinamercante

d. National Shipping Centre: N/A.

e. Training School: N/A.

f. Standing Shipping Cooperation Points:

Mando Naval de Canarias (ALCANAR)
 Mando de Acción Marítima de Cádiz (AMARDIZ)
 Mando de Acción Marítima de Ferrol (AMARFER)
 Jefe del Sector Naval de Baleares (JESENBAL)

3. Any additional information required. N/A.

4. National NCAGS Capabilities.

Table 2B-1. National NCAGS Capabilities (Contd)

Qualification Level	Numbers Available	Maximum Duration	Readiness/Remarks	AWNIS Qualified (Yes/No)
SO NCAGS/OiC SCP	4	3 months	3 months	No
Duty Officers	8	3 months	3 months	No
Briefing Officers	31	3 months	3 months/Non-NATO speakers	No
ADP/NAMESIS Operators	37	3 months	3 months	No
Plotting	-	-	-	-
AWNIS	16	3 months	3 months	Yes

TURKEY

1. **NCAGS Organisation.**
2. **NCAGS Contacts.**
 - a. **Strategic level - NCAGS Policy Matters:**
 - b. **Operational NCAGS Matters:**
 - c. **National Shipping Authority:**
 - d. **National Shipping Centre:**
 - e. **Training School:**
 - f. **Standing Shipping Cooperation Points:**
3. **Any additional information required.**
4. **National NCAGS Capabilities.**

Table 2B-1. National NCAGS Capabilities (Contd)

Qualification Level	Numbers Available	Maximum Duration	Readiness/Remarks	AWNIS Qualified (Yes/No)
SO NCAGS/OiC SCP				
Duty Officers				
Briefing Officers				
ADP/NAMESIS Operators				
Plotting				

UNITED KINGDOM

1. NCAGS Organisation. The NCAGS organisation within the United Kingdom consists mainly of reserve personnel apart from permanent contacts listed below. Annex 2A shows the availability of trained personnel with the objective of being able to man one HQ unit and two SCP/NCAGS Units during two concurrent exercises/operations.

2. NCAGS Contacts.

a. Strategic level - NCAGS Policy Matters:

MAR4 Directorate of Joint Commitments
Ministry of Defence
MOD Main Building
Floor 4 Zone K
Whitehall
London SW1A 2HB
Tel: +44 207 218 7038
Fax: +44 207 218 9394
SMA: MODUK

b. Operational NCAGS Matters:

Fleet Commitments (Policy & Liaison) SO1-OGD
MCC Northwood
Room 2010
NCC
JSU Northwood
Sandy Lane
Northwood
Middlesex HA6 3HP
United Kingdom
IVSN: 531 6355
Tel: +44 1923 846355
Fax: +44 1923 846392
SMA: CINCFLEET
Email: ukmt0@nildram.co.uk

c. National Shipping Authority:

Department for Transport
Defence and Civil Contingency Planning
Zone 4/21 Great Minster House
76 Marsham Street
London SW1P 4DR
Tel: +44 20 7944 8300
Fax +44 20 7944 9622

d. National Shipping Centre: N/A.

e. Training School:

Maritime Trade Operations Section
 Maritime Warfare School
 Room G135
 Marlborough Building
 HMS COLLINGWOOD
 Newgate Lane
 Fareham
 Hampshire, PO14 1AS
 Tel: +44 1329 333584
 Fax: +44 1329 331329
 SMA: HMS COLLINGWOOD/FAO MTOS MTR1,
 Email: mws-wot-mtr1@nrta.mod.uk

f. Standing Shipping Cooperation Points: N/A.

3. Any additional information required. N/A.

4. National NCAGS Capabilities.

Table 2B-1. National NCAGS Capabilities (Contd)

Qualification Level	Numbers Available	Maximum Duration	Readiness/Remarks	AWNIS Qualified (Yes/No)
SO NCAGS/OiC SCP	5		2 NRF. Notice To Move (NTM): 5 days	No
Duty Officers	15			No
Briefing Officers	15			No
ADP/NAMESIS Operators	20			No
Plotting				No
Those with no specific NTM under remarks are at 30 days NTM on a, voluntary basis.				

UNITED STATES

1. NCAGS Organisation.

a. The United States NCAGS mission is to assist the theatre/operational commander in managing risk by providing situational awareness and near real-time clarity of the merchant shipping picture to help ensure the safe passage of merchant shipping and the safety of naval vessels or the nation in a crisis contingency. This is accomplished through the establishment of an organisation and framework for:

(1) Communicating directions, advisories, concerns, and information among NCAGS organisational elements (eg Shipping Coordination Centres, and Shipping Coordination Teams), operational forces, merchant shipping (other than strategic sealift), and civil maritime organisations.

(2) Deconfliction to preclude interference between military and merchant shipping.

b. Apart from the permanent contacts listed below, the vast majority of personnel comprising the United States NCAGS organisation are warfare-qualified personnel, many with merchant marine credentials and industry experience. Four Navy Reserve units consisting of a total of 192 personnel form the core of the United States NCAGS capability. Personnel from these units are trained to man Shipping Control Points anywhere in the world.

2. NCAGS Contacts.

a. Strategic level - NCAGS Policy Matters:

Department of Navy
Commander U.S. Fleet Forces Command (N35)
1562 Mitscher Avenue / Suite 250
Norfolk, VA 23551-2487
Mr Eric Shaffer (Program Manager)
Tel: +1 757 836-5591
Fax: +1 757 836-7944
SMA: COMFLTFORCOM NORFOLK VA // N35 // NCAGS //
Email (UNCLAS): eric.shaffer@navy.mil

b. Operational NCAGS Matters:

Department of Navy
Commander U.S. Fleet Forces Command (N35)
1562 Mitscher Avenue / Suite 250
Norfolk, VA 23551-2487
Mr Eric Shaffer (Program Manager)
Tel: +1 757 836-5591
Fax: +1 757 836-7944
SMA: COMFLTFORCOM NORFOLK VA // N35 // NCAGS //
Email (UNCLAS): eric.shaffer@navy.mil

c. National Shipping Authority:

Maritime Administration
Department of Transportation
400 Seventh Street, SW
Washington, DC 20590
Phone: +1 800 996-2723/+1 202 366-2267
Fax: +1 202 366-8886
SMA: MARAD / WASHINGTON DC (Routing Indicator – RUEBBEA)
Email (UNCLAS): Data.Marad@marad.dot.gov

d. National Shipping Centre:

Shipping Coordination Centre Atlantic

Virginia Beach, Virginia
Tel: +1 757 492-4494
SMA: COGARD MIFC LANT DAM NECK VA // LANT SCC //
Email (UNCLAS): scclant@lantd5.uscg.mil

Shipping Coordination Centre Pacific

Alameda, California
Tel: +1 510 437-3753
SMA: MIFCPAC ALAMEDA CA // PAC SCC //
Email (UNCLAS): pacsc@d11.uscg.mil

e. Training School:

In addition to participating in multi-national NCAGS schools, the United States utilises the facilities of the US Merchant Marine Academy located at Kings Point, New York for its training requirements.

f. Standing Shipping Cooperation Points:

See Para d.

3. Any additional information required: N/A

4. National NCAGS Capabilities.

Table 2B-1. National NCAGS Capabilities (Contd)

Qualification Level	Numbers Available	Maximum Duration	Readiness/Remarks	AWNIS Qualified (Yes/No)
SO NCAGS/OiC SCP	28	See Annex 2A	See Annex 2A	
Duty Officers	24	See Annex 2A	See Annex 2A	
Briefing Officers	24	See Annex 2A	See Annex 2A	
ADP/NAMESIS Operators	36	See Annex 2A	See Annex 2A	
Plotting	40	See Annex 2A	See Annex 2A	

NATO-UNCLASSIFIED

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2B-44
NATO-UNCLASSIFIED

ORIGINAL

ANNEX 2C

**NATO NATIONS NCAGS ORGANISATION -
DEPENDENT TERRITORIES**

DENMARK

Greenland

1. NCAGS Contacts.

a. Strategic level - NCAGS Policy Matters: N/A.

b. Operational NCAGS Matters:

Island Commander Greenland
GL-3930 Kanggillinnguit
Greenland
Tel: +299 691911
Fax: +299 691949
SMA: ISCOMGREENLAND
Email: glk@glk.gl (only during working hours)
Email: iscomgl@glk.gl
Website: www.forsvaret.dk/glk

Faroes

1. NCAGS Contacts.

a. Strategic level - NCAGS Policy Matters: N/A.

b. Operational NCAGS Matters:

Island Commander Faroos
PO Box 3195
FO-110 Thorshavn
Faroe Islands
Tel: +298 341420
Fax: +298 349420
SMA: ISCOMFAROES
Email: frk@frk.fo
Website: www.forsvaret.dk/frk/eng

FRANCE

Indian Ocean.

(La Réunion – Mayotte - Terres Australes et Antarctiques Françaises (TAAF) – Iles Eparses)

1. NCAGS Contacts.

a. Strategic level - NCAGS Policy Matters: N/A.

b. Operational NCAGS Matters:

ALINDIEN
Monsieur le Contre-Amiral
Commandant la Zone Maritime de l'Océan Indien
00389 ARMEES
SMA: ALINDIEN
Email: alindien@free.fr

Pacific Ocean.

(Polynésie Française – Nouvelle Calédonie – Wallis et Futuna)

1. NCAGS Contacts.

a. Strategic level - NCAGS Policy Matters: N/A.

b. Operational NCAGS Matters:

ALPACI
Monsieur le Commandant
du SP 91300
00201 ARMEES
SMA: ALPACI-COMSUP POLYNESIE

NETHERLANDS

The Netherlands Antilles

1. NCAGS Contacts.

a. Strategic level - NCAGS Policy Matters:

Defence Operation Centre
Kalvermarkt 32
Postbus 20702
2500 ES Den Haag
The Netherlands
SMA: MODNL

b. Operational NCAGS Matters:

Commando Zeestrijd Krachten
Maritiem Situatie Centrum BENELUX
1780 CA Den Helder
The Netherlands
Tel: + 31 223 658243
Fax: + 31 22 30 658 140
SMA: ADMIRAL NL FLEET

UNITED KINGDOM

1. NCAGS Organisation.

a. In Accordance with the Merchant Ship Act of 1985 UK Overseas Territories merchant vessels have been placed in two Categories. The term ‘Dependent Territory’ has also been replaced with ‘Overseas Territory’.

b. A memorandum of understanding with the Maritime and Coastguard Agency (MCA) specifies which territory may be assigned, according to specific competencies, to which category. The MCA forms part of the Department for Transport.

c. UK Overseas Territories currently flying the Red Ensign are as follows:

(1). Category 1 Register. Any type and size of vessel except nuclear.

- Bermuda (Biggest register)
- Cayman Islands (Large and growing register)
- Gibraltar (Small number)
- Isle of Man

(2). Category 2 Register. Only vessels under 150 GRT.

- Channel Islands
- Anguilla
- Turks and Caicos Islands
- British Virgin Islands
- Falkland Islands
- St Helena (No registered vessels)
- Monserrat (No registered vessels)
- Pitcairn (No registered vessels)

ANNEX 2D

NON-NATO NATIONS NCAGS ORGANISATION

AUSTRALIA

1. NCAGS Organisation. NCAGS in Australia is administered by Maritime Trade Operations (MTO) located at Australian Fleet Headquarters.

2. NCAGS Contacts.

a. Commander MTO

Commander P W (Paul) Taylor RANR
Australian Fleet Headquarters
Fleet Operations
14-18 Wylde Street
POTTS POINT NSW 2011
AUSTRALIA
Tel: +61 2 9498 2615
Fax: +61 2 9498 2002
Mobile: +61 400 478 464
Email: avitaylor@mpx.com.au

b. MTO Operations Officer

Commander J (John) Stanbury RANR
Australian Fleet Headquarters
Fleet Plans
14-18 Wylde Street
POTTS POINT NSW 2011
AUSTRALIA
Tel: + 61 2 9359 4351
Fax: + 61 2 9359 4334
Mobile: +61 432 040 319
Email: Keith.Nordstrom@defence.gov.au

c. National Shipping Authority: N/A.

d. National Shipping Centre: N/A.

e. Training School: N/A

f. AWNIS/WWNWS: N/A.

g. Standing Shipping Cooperation Points: N/A.

NEW ZEALAND

1. NCAGS Organisation. NCAGS in New Zealand is currently administered by the New Zealand Naval Control of Shipping Organisation (NZ NCSORG). The Chief of Navy has approved a change to New Zealand Maritime Trade Organisation (NZ MTO) but this has yet to be promulgated.

2. NCAGS Contacts.

a. Strategic level - NCAGS Policy Matters:

HQNZDF (Navy)

b. Operational NCAGS Matters:

Headquarters Joint Forces New Zealand
(Attention: J33NCS)
2 Seddul Bahr Road
Trentham
UPPER HUTT
New Zealand
Tel: +64 4 529 6317
Fax: +64 4 529 6369 (Attention J33NCS)
Email: hqjfnz.ncs@nzdf.mil.nz

Out of Hours Contact: +64 4 529 6333 (Joint Watch Centre Duty Watchkeeper)

c. National Shipping Authority: N/A.

d. National Shipping Centre: N/A.

e. Training School:

RNZN College Tamaki
Naval Base
Devonport
NORTH SHORE 1309
New Zealand

f. AWNIS/WWNWS: N/A.

g. Standing Shipping Cooperation Points: N/A.

3. Any additional information required.

a. **NZ NCSORG (NZ MTO) Ports of Responsibility.** A number of ports are located at a significant distance from the coast, at the head of a harbour. The following table lists the positions that are considered to the actual point of arrival.

Table 2D-1. New Zealand MTO Ports

Port	UN/LOCODE	Requested AAP- 8 Position	
		Latitude	Longitude
Auckland	NZ AKL	36° 46'S	174 49'E
Bluff	NZ BLU	46 36'S	168 22'E
Dunedin	NZ DUD	45 46'S	170 43'E
Gisborne	NZ GIS	38 41'S	178 01'E
Greymouth	NZ GMN	42 26'S	171 11'E
Lyttelton	NZ LYT	43 36'S	172 49'E
Marsden Point	NZ MPA	35 52'S	174 32'E
Milford Sound	NZ MFN	44 34'S	167 47'E
Napier	NZ NPE	39 28'S	176 55'E
Nelson	NZ NSN	41 15'S	173 15'E
New Plymouth	NZ NPL	39 03'S	174 03'E
Onehunga	NZ ONE	37 02'S	174 37'E
Opuia	NZ OPX	35 14'S	174 07'E
Picton	NZ PCN	41 05'S	174 19'E
Port Chalmers	NZ POE	45 46'S	170 43'E
Port Waitangi	NZ CHT	43 56'S	176 37'W
Taharoa	NZ THH	38 11'S	174 40'E
Tauranga	NZ TRG	37 37'S	176 10'E
Timaru	NZ TIU	44 23'S	171 15'E
Wanagnui	NZ WAG	39 57'S	174 59'E
Whangarei	NZ WRE	35 52'S	174 32'E
Wellington	NZ WLG	41 22'S	174 50'E
Westport	NZ WSZ	41 44'S	171 37'E

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CHAPTER 3

NATO and Allied Publications and Documents of Interest to NCAGS

0301 Introduction

The following publications and documents may provide assistance during the establishment of an NCAGS organisation.

0302 Allied Publications

Table 3-1. NATO and Allied Publications and Documents List

Publication Number	Class	STANAG	Publication/Document Title	User
AAP-6	NU	3680	NATO Glossary of Terms and Definitions	S/U/L
AAP-8	NU	1212	NCAGS Organisation, Publications and Documents	S/U/L/D
ACP 113	U		Callsign Book for Ships (Allied Warships)	S/U
ACP 117	R		Allied Routeing Indicator Book	S/U
ACP 117 NS-2	U		NATO Subject Indicator System (NASIS)	S/U
ACP 121	U		Communication Instructions - General	S/U
ACP 122	U		Information Insurance for Allied Communications and Information Systems	S/U
ACP 130	U		Communication Instructions, Signalling Procedures in the Visual Medium	S/U
ACP 150	C		Recognition and Identification Instructions Air, Land and Sea Forces	S/U
ACP 176	NC		Allied Naval and Maritime Air Communications Instructions	S
ACP 176 NS-1	NC		NATO Naval and Maritime Air Communications and Organisation	S
AHP-1	NC	1104	Allied Worldwide Navigational Warning System (AWNIS)	S/U
AHP-7	NS		Dormant 'Q' Message Publications	S
AMSG 1800	NC		NATO TRIAD Numerical Cipher Authentication	S/U
AMSG 293	NC		NATO Cryptographic Instructions	S/U
AMSG 600	NS		NATO Communication Security Information Memorandum	S
AMSH 1707	NC		NATO Changing Callsign Book for Maritime Forces	S/U
AMSI 10	NC		Recognition and Identification System	S/U
AMSO 803	NU		MERCS Operating Instructions	S/U
APP-7	NU	1401	Joint Brevity Words Publication	S/U
APP-11	NC	7149	NATO Message Catalogue (NMC)	S
ATP-1 Vol 1 (MTP 1 Vol 1)	NC NU	1173	Allied (Multinational) Maritime Tactical Instructions and Procedures	S

Table 3-1. Allied Publication List (Contd)

Publication Number	Class	STANAG	Publication Title	User
ATP-1 Vol 2 (MTP 1 Vol 2)	NR NU	1174	Allied Maritime Tactical Signal and Manoeuvring	S/U/L
ATP-2 Vol. I	NU	1040	Naval Cooperation and Guidance for Shipping Manual (NCAGS)	S/U/L/D
ATP-2 Vol II	NU	1318	NCAGS Manual - Guide to Owners, Operators, Masters and Officers	S/U/L/D
ATP-3	NC		Anti-Submarine Evasive Steering	S/U
AXP-5	NC	1125	NATO Experimental Tactics and Amplifying Instructions	S
EPG	NU		Bi-SC Exercise Planning Guide	S
GOP	NU		Guidelines for Operational Planning.	S/U
INTERCO	U		International Code of Signals	S/U/L
MC 376/1			Naval Cooperation and Guidance for Shipping	S/U

Notes:

1. Key to users: S = Shipping Cooperation Point (SCP). U = NCAGS Unit. L = NCAGS LO. D = Defence Attachés.

2. Edition letters have been omitted to prevent the need for constant updating.

0303 Merchant Vessel Allowance

Table 3-2. Merchant Vessel Allowances

Publication Number	Class	Publication Title	Numbers Held On Board
ATP-2 Vol II	NU	NCAGS Manual - Guide to Owners, Operators, Masters and Officers	1

Notes:

1. Distribution of publications to Merchant Shipping is a national responsibility and each nation has its own procedures.

2. Edition letters have been omitted to prevent the need for constant updating.

0304 Secure storage

All COMSEC-Material classified higher than NATO-UNCLASSIFIED (NU) must be stored and safeguarded in accordance with current national and allied regulations. Each nation shall prepare detailed instructions in English for the secure storage of the COMSEC material and provide the necessary storage facilities.

CHAPTER 4

NCAGS Skills and Training**0401 Purpose**

The NCAGS Job Titles and Job Descriptions listed at Annex 4A are provided as a guideline for manning NCAGS operations and exercises. They are coupled with the multi-national NCAGS Skills and Knowledge Training Matrix (see Annex 4B), which is provided as a guide to train NCAGS personnel. Although the job titles, descriptions and skills and knowledge-training matrix are not mandatory, nations are encouraged to consider these documents for planning and training purposes. These 'Best Practice' documents will prepare personnel for NCAGS operations and exercises.

0402 Underlying Principles

1. Only one job description per NCAGS function is given. (eg SO NCAGS at Maritime Component Commander (MCC) level will be described, but it is not the same as SO NCAGS at the Maritime Interdiction Operations Commander (MIO) level).
2. Only generic and clearly recognisable jobs are described. (see also Para 0402.1 above).
3. No differentiation is made between operations and exercises.
4. A connection is made between a specific job and the required skills, knowledge and experience to perform that job.

0403 Expansion of Job Descriptions

1. If required, assistants of a specific NCAGS job can be established on all levels, without a need to describe these jobs.
2. Functions can be duplicated in order to establish a watch system.
3. Multiple jobs can be assigned to one person during periods of low-level activity.
4. The number of required operators and/or plotters is dependent on workload.

0404 NCAGS Job Titles and Descriptions

Annex 4A lists job titles and contains a position description that summarises the pertinent skills, knowledge and experience required, as well as the principal duties and tasks.

- NCAGS Commander
- Staff Officer NCAGS
- NCAGS Watch Commander
- ADP System Manager

- ADP Operator
- Officer-in-charge (OiC) SCP
- SCP Duty Officer
- SCP Briefing Officer
- NCAGS Liaison Officer (NCAGS LO)

0405 NATO Shipping Centre NCAGS Job Titles and Descriptions

- NSC Watch Commander
- NSC Shipping Coordinator

0406 NCAGS Skills and Knowledge Training Matrix

1. The NCAGS Skills and Knowledge Training Matrix at Annex 4B is not mandatory for nations to follow, or to achieve. However, nations are encouraged to use this matrix as a guide to train their NCAGS personnel to meet job requirements.
2. Basic computer skills are a prerequisite for assignment to a NCAGS position.
3. The matrix shows the various subjects, such as Briefing Skills, Maritime Doctrine etc, on the vertical axis and the three different levels of skill or knowledge on the horizontal axis.
4. For clarity the levels shown in the matrix have the following meaning:
 - a. Level 1 – A basic level of knowledge required by all NCAGS personnel.
 - b. Level 2 – An intermediate level of knowledge required by all NCAGS personnel in a supervisory role.
 - c. Level 3 – The advanced level of knowledge required by all NCAGS personnel in a management role.
5. Where multi-levels do not apply to a subject area, they are marked as ‘Not Required’ on the matrix.

0407 List of NATO Grades

In the Job descriptions reference is made to grades/ranks that relate to specific jobs (eg Staff Officer NCAGS – OF3/4), meaning that this job can be fulfilled by either rank or grade. Details of ranks and grades are listed in STANAG 2116.

0408 NCAGS Training Conducted by Nations

Details of NCAGS training conducted by nations can be obtained from the points of contact listed in Table 4-1.

Table 4-1. NCAGS Training Conducted by Nations

NATION	CONTACT DETAILS OF NATIONAL NCAGS TRAINING SCHOOLS/ORGANISATIONS	TRAINING OPEN TO INTERNATIONAL STUDENTS
CAN	Canadian Forces Fleet School Quebec Intelligence Division Commander PO BOX 1000 Station Forces Courcellette, QC G0A 4Z0 Canada Tel: +01-418-694-5560 Ext. 5436 SMA: CFFS QUEBEC//INT DIV CDR//	Yes
DEU	CINCGERFLEET PO BOX 11 63 24956 Glücksburg Germany Tel: +49 4631 666 Ext 3332 Fax: +49 4631 666 Ext 4505 SMA: CINCGERFLEET Email: msltorgflotte@bundeswehr.org Website: www.scc-gluecksburg.de	Yes (Some courses in English depending on course/ country)
DNK	Naval Warfare School Naval Base Frederikshavn DK-9900 Frederikshavn Denmark Tel: +45 9922 1834 Fax: +45 9922 1835 SMA: NAVWARSCHOOL DA Email: ais@ais.svn.dk Website: www.ais.svn.dk	Yes
FRA	COM Brest Monsieur le capitaine de vaisseau Commandant le centre opérationnel de la marine Brest BP 46 - 29240 BREST ARMEES Tel: + 33 298 377 754 Fax: + 33 298 149 226 SMA: MARINE CENTOPS BREST Email: ncags.ops.ceclant@marine.defense.gouv.fr	No
NOR	Norwegian Naval Training Establishment KNM Tordenskjold SMOPS/NCAGS Pb 1 Haakonsværn N-5886 Bergen Norway Tel: +47 55503567/69 Fax: +47 55503568 SMA: NORNAVTRAINEST Email: ncags@mil.no	No (However, some courses are open to Scandinavian Officers)

NATION	CONTACT DETAILS OF NATIONAL NCAGS TRAINING SCHOOLS/ORGANISATIONS	TRAINING OPEN TO INTERNATIONAL STUDENTS
<p>GBR</p>	<p>Maritime Trade Operations Section Maritime Warfare School Room G135 Marlborough Building HMS COLLINGWOOD Newgate Lane Fareham Hampshire, PO14 1AS Tel: +44 1329 333584 Fax: +44 1329 331329 SMA: HMS COLLINGWOOD/FAO MTO MTR1, Email: mws-wot-mtr1@nrta.mod.uk</p>	<p>Yes</p>
<p>USA</p>	<p>Department of Navy Commander U.S. Fleet Forces Command (N35) 1562 Mitscher Avenue/Suite 250 Norfolk, VA 23551-2487 Mr Eric Shaffer (Program Manager) Tel: +1 757 836-5591 Fax: +1 757 836-7944 SMA: COMFLTFORCOM NORFOLK VA // N35 // NCAGS // Email: (UNCLAS): eric.shaffer@navy.mil</p>	<p>Yes</p>

0409 Facilities Required

Details of the minimum facilities required by NCAGS CDR Staff and a SCP are listed in Tables 4-2 and 4-3.

Table 4-2 – Minimum Facilities Required - NCAGS Commander Staff

NCAGS CDR STAFF	
Equipment	Remarks
Direct access to MMHS 24/7	To send and receive military signals without delay
4 x PC ¹ – unclassified with access to Internet ²	NCAGS ADP + access to www/e-mail simultaneously
1 x PC – classified	Produce classified documents
2 x PC printer ³	1 for unclassified and 1 for classified system
2 x Projector + projection screen	To project NAMESIS plot and briefings etc
1 x Data line with access to internet	Minimum ISDN connection.
4 x Telephone insecure international	
1 x Telefax insecure international	
1 x MERCS	PIA and printer if possible
Access to ship databases	In order to collect information of ships and ports
1 x Set of charts	
1 x Navigation set	Including parallel ruler and dividers
1 x Room	Office desks, chairs, conference table iaw manning
Publications/documents	As listed in the publication/document list

Table 4-3 – Minimum Facilities Required – SCP

SCP	
Equipment	Remarks
Access to MMHS 24/7	To send and receive military signals iaw the message priority
3 x PC ¹ – unclassified with access to internet ²	NCAGS ADP + access to www/e-mail simultaneously
1 x PC – classified	Produce classified documents
2 x PC printer ³	1 for unclassified and 1 for classified system
1 x Projector + projection screen	
1 x Data line with access to internet	Minimum ISDN connection.
3 x Telephone insecure international	
1 x Telefax insecure international	
2 x MERCS	PIA and printer if possible
Access to ship databases	In order to collect information of ships and ports
1 x Digital camera	
1 x Set of charts	Covering the NCAGS area
1 x Navigation set	Including parallel ruler and dividers
1 x Room	Office desks, chairs, conference table iaw manning
Publications/documents	As listed in the publication/document list

¹ To be installed in local network (LAN) if possible.

² All PCs to have minimum Microsoft Office 2000®, Windows 2000 Pro®, Acrobat reader®, WinZip®, Antivirus program and Firewall (all in English version), and ability to burn CD-ROM.

³ One colour if possible.

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ANNEX 4A

NCAGS JOB TITLES AND DESCRIPTIONS

NCAGS COMMANDER**Service:** Navy**Rank/Grade:** OF-6/7**ROLE**

The NCAGS Commander will be the officer assigned to command the NCAGSORG. The NCAGS Commander may also be acting as Maritime Component Commander (See Note). Specific tasks, as listed below, will normally appear in the OPTASK NCAGS.

PRINCIPAL TASKS

Specifically, the NCAGS Commander is responsible for planning and executing NCAGS and to promulgate the OPTASK NCAGS. To this end the incumbent will be assisted by the Staff Officer NCAGS, the senior NCAGS specialist. Depending on whether the Battle-staff HQ is located ashore or afloat, other NCAGS staff may either be co-located with the NCAGS CDR or be operating as a rear staff.

More specifically, he is responsible for the execution of the following tasks:

- Implement NCAGS within the NCAGS Area or JOA
- Issue CONOPS for NCAGS
- Issue OPTASK NCAGS
- Compile and maintain shipping plots and records
- Issue NCAGS section of the ASSESSREP
- Ensure dissemination of operational information to merchant shipping
- Promulgate merchant ships communication arrangements
- Co-ordinate and organise the protection of Crisis Response Shipping (CRS) and economic ships as required
- Liaise with other military commanders and civil shipping authorities on shipping matters as required
- Issue EEP and COMSEC policy for merchant vessels as required
- Implementation of recognition, identification and authentication as required
- Promulgate NCAGS Area/JOA routeing guidance
- Recommend destination changes to NSAs
- Originate Diversion Orders
- Allocate NCAGS LOs
- Allocate Convoy Commodores and staffs if required

Note. Nations or commands wishing to nominate a NCAGS CDR as a separate authority that is different from the MCC are free to do so; however, they should establish a clear command relationship with the MCC.

STAFF OFFICER NCAGS (SO NCAGS) TO THE MCC

Service: Navy

Rank/Grade: OF-3/4

Background/Training Requirement:

1. Experience from real operations and/or major LIVEX at MCC in a senior position.
2. Skills and Knowledge matrix: Level 3 for all skills (see Annex 4B).

Reports To: NCAGS CDR.

ROLE

The Staff Officer NCAGS acts as the senior specialist in NCAGS matters on the staff of the Maritime Component Commander (in the latter's role as NCAGS Commander). The relationship within the staff and more specifically with N5/N3 is to be determined by the Chief of Staff (COS).

PRINCIPAL TASKS

- Advise the NCAGS CDR on all aspects of NCAGS and shipping matters, including NCAGS Policy
- Draft the OPTASK NCAGS in conjunction with other warfare disciplines in the Battle staff
- Brief the MCC, Chief of Staff and Battle Staff members on NCAGS aspects relevant for other warfare disciplines within the campaign processes
- Implement the NCAGS Plan within the Battle Plan, which will include NCAGS activities
- Supervise, through the NCAGS Watch CDR, all activities of SCPs and other NCAGS units under his/her authority. (In case there is no rear staff)
- Organise and supervise the liaison with Maritime Shipping community in its broadest sense
- Maintain close liaison with warfare disciplines and with other appropriate staff such as Intelligence, Logistics and Legal
- Integrate into the operation all Merchant Ship activities including:
 - Embargo and Maritime Interdiction (MIO) Operations
 - Ensuring validity of the merchant ship element of the Recognised Maritime Picture (RMP)
 - Protection of Sea Lines of Communication (SLOCs)
 - Crisis Response Shipping
 - Non-Combatant Evacuation Operations (NEO)
 - Humanitarian Operations
 - Liaison for escorting/lead through/accompaniment
 - Advice to shipping
- Ensure the timely delivery of Merchant Ship routes required
- Integrate all NCAGS and shipping matters into Battle Staff planning, including the NCAGS input for daily briefs
- Liaise with shipping companies and agencies, merchant ships and Naval Liaison Officers or NCAGS LOs as required
- Liaise with sealift ships, their operating authorities and NCAGS Liaison Officers as necessary

NCAGS WATCH COMMANDER

Service: Navy Augmentee

Rank/Grade: OF- 4/3

Background/Training Requirement:

1. Experience from real operations and/or major LIVEX at MCC and SCP level in a senior position.
2. Skills and Knowledge matrix: Up to and including Level 2 for all skills, plus level 3 for MD001/PC001/002/MC001/MS001/002/003/004 (See Annex 4B).

Reports To: SO NCAGS and to the Operations Watch Commander (OWC) of the MCC Rear Staff (when established).

ROLE

The NCAGS Watch Commander (WC NCAGS) is responsible for all NCAGS rear support and will advise the OWC on NCAGS matters on a watch basis in the Operations Centre.

PRINCIPAL TASKS

- Keep SO NCAGS up to date on the shipping situation
- Brief on NCAGS in the turnover brief
- Give direction and guidelines to the NSC Watch Commander
- Liaise with the other warfare disciplines and maintain a good overview of the overall situation
- Suggest and issue changes/amendments to OPTASK NCAGS
- Ensure that necessary NAVWARNs are issued via WWNWS in liaison with AWNIS
- Implement NCAGS policies/procedures within the AOO as directed
- Advise the SO NCAGS on aspects of NCAGS and merchant shipping
- Suggest ways to de-conflict merchant shipping from military operation
- Prepare and promulgate Mership communications arrangements as required, including use of reporting gates
- Prepare and promulgate routing guidance and directions to Merships as directed
- Recommend protection and implement diversion as directed
- Issue EEP and COMSEC policy when directed
- Determine the allocation of NCAGS Liaison Officers, as appropriate
- Write reports on augmentees, if required
- Prepare the NCAGS input for the MCC ASSESSREP

ADP SYSTEM MANAGER

Service: Navy Augmentee

Rank/Grade: OR 7 – OF 2

Background/Training Requirement:

1. NAMESIS (or future NATO NCAGS ADP system) Manager course graduate.
2. Highly experienced in working with system, including technical and software aspects and data processing.
3. Skills and knowledge from matrix: Up to and including Level 2 for all skills, plus Level 3 for IM001/004/PC001/002/003 (See Annex 4B).

Reports To: NCAGS Watch Commander or the OiC SCP, as appropriate.

ROLE

The ADP SYSTEM MANAGER is responsible for the correct and efficient operation of the ADP System and liaison with other systems that are dependent on NCAGS data. Also responsible for preventing classified information being entered into non-classified ADP-systems.

PRINCIPAL TASKS

- Write and issue the System Operating Instructions (SOI) for the exercise or operation in accordance with the prescribed format in the NCAGS ADP system instructions
- Promulgate any changes and amendments to the SOI
- Determine data base entry requirements in accordance with ADP system support and Standard Operating Instructions
- Determine the source merchant shipping information
- Liaise with the Watch Cdr (or Shipping Co-ordinator, when available) on merchant vessel information passed from NCAGS ADP system to MCCIS
- Monitor the system performance, integrity and accuracy of the database
- Supervise and control the ADP System operators to ensure that the input and output of data is in accordance with SOP
- Ensure the adherence to prescribed procedures for computer security in accordance with regulations and System Security Policy (SSP)
- Keep the ADP logs (Transaction Log, Data sync Log, System Log, SOI Log)
- Provide the NCAGSORG with info on ships in the AOO and on movements of these ships
- Ensure Data Syncs are sent and received by the Operators in a timely manner
- Ensure regular backups are made

ADP OPERATOR

Service: Navy Augmentee

Rank/Grade: OR3-OR5

Background/Training Requirement:

1. NAMESIS (or future NATO NCAGS ADP system) operators course graduate.
2. Skills and knowledge from matrix: At level 1: MD001/004/MC001/005/PC001/002/003/IM001/002/004/CM001/002/003/MS001/002/003/004 (See Annex 4B).

Reports To: ADP System Manager, or ADP Data Manager and to the Watch Commander or SCP Duty Officer (all dependent on location).

ROLE

The ADP Operator is responsible for the input and process of information onto the NSCIMA (in the NSC) or NCAGS ADP system.

PRINCIPAL TASKS

- Enter Formats ALFAs, or ship information into relevant databases
- Plot routed ships
- Update Ship Data Cards when required
- Perform Data Syncs and backups as instructed
- Update plots as required
- Ensure that logs (eg Data Sync logs) are kept up to date as directed
- Perform Internet searches for merchant shipping information as required
- Send and receive emails, in close connection with the Watch Commander or SCP Duty Officer

OFFICER IN CHARGE (OIC) SCP

Service: Navy Augmentee

Rank/Grade: OF- 4/3

Background/Training Requirement:

1. Experience from real operations and/or major LIVEX at MCC, NSC or SCP level.
2. Skills and knowledge from matrix: Up to and including Level 2 for all skills, plus level 3 for IM001/CM001/002/003/PC001/002/MD004/IM001/MS001/002/003/004 (See Annex 4B).

Reports To: NCAGS CDR or the SO NCAGS, through NCAGS WC.

ROLE

The Oic SCP is responsible for the execution of the SCP functions in accordance with OPTASK NCAGS.

PRINCIPAL TASKS

- Ensure the general merchant vessel plot in the AOR is updated
- Gather information on merchant vessels and shipping in the AOR
- Report on the Merchant vessel situation in the AOR using NCAGS ADP system or other communications systems
- Ensure Masters are briefed
- Recommend unclassified warning to merchant vessels via the NCAGS CDR
- Prepare routing guidance and diversion orders if directed
- Request establishment of SRA through the NCAGS CDR
- Co-ordinate assigned NCAGS units and NCAGS LOs
- Report port status
- Evaluate the risk to ships in the AOR and pass that information on to the NCAGS CDR
- Issue publications and equipment as ordered by NCAGS CDR
- Request protection measures from the NCAGS CDR
- Prepare Sailing Instructions (SI), if required

SCP DUTY OFFICER

Service: Navy Augmentee

Rank/Grade: OF- 2/3

Background/Training Requirement:

1. Experience from real operations and/or major LIVEX at MCC, NSC or SCP level.
2. Skills and knowledge from matrix: Up to and including Level 2 for all skills.

Reports To: OiC SCP.

ROLE

The SCP Duty Officer is responsible for the running of the SCP on a watch basis.

PRINCIPAL TASKS

- Supervise/control all NCAGS activities within the NCAGS element in accordance with the tasks detailed in the OPTASK NCAGS or OPORDER
- Establish and maintain liaison with the merchant shipping community within the area of the SCP and inform military/civilian authorities of movements of designated vessels
- Ensure that all security aspects, briefing operations and administration of the SCP and NCAGS Units are carried out
- Act as Releasing Officer for signals and emails
- Organise and co-ordinate NCAGS LOs deployment in accordance with NCAGS CDR priorities
- Issue publications, charts and crypto as necessary
- Ensure a continuous flow of shipping to those military authorities nominated in the OPTASK NCAGS
- Act as Routing Officer to brief ships on routes if ordered
- Ensure advice concerning Self Protection Measures is up to date
- Maintain plot of designated vessels
- Process incoming message traffic to and from merchant vessels
- Monitoring the information flow to the Communications Reporting Gate (CRG)
- Assist in the facilitation of escort, accompaniment, lead-through or convoy, as appropriate and when ordered
- Maintain records as required
- Ensure timely response to signal messages requiring action
- Regularly check ADP systems and ensure outstanding actions are addressed

SCP BRIEFING OFFICER

Service: Navy Augmentee

Rank/Grade: OF-2/3

Background/Training Requirement:

1. Skills and knowledge from matrix: Up to and including Level 1 for all skills, plus level 2 for MD001/002/BS001002/IM001/CM001/002/003/MS001/002/003/004/RT001/CRS001 (See Annex 4B).

Reports To: SCP Duty Officer.

ROLE

The SCP Briefing Officer is responsible for providing relevant information to Masters in order to allow for safe passage of merchant vessels. Also to ensure that adequate preparations for vessel embarkation have been made.

PRINCIPAL TASKS

- Provide Masters with up to date guidance for passage and information on operational situation, including Sailing Information (SI), risk assessment, maritime safety information, self-protective measures and specifics of lead through operations or accompaniment, if in force
- Collect relevant information from merchant vessels to enhance the Military Commander's situational awareness
- Provide merchant vessels with directions for contacting NCAGS Organisation and reporting requirements
- Ensure proper equipment required to board vessels such as gloves, helmet, waterproof bag for papers etc is available
- Establish and maintain status boards and keep them up to date
- Arrange transport for Briefing Officers to and from ships
- Maintain good liaison with harbour authorities and shipping agents

NCAGS LIAISON OFFICER (NCAGS LO)

Service: Navy Reserve

Rank/Grade: OF – 5/4/3

Background/Training Requirement:

1. Either a regular naval background with merchant marine knowledge, or vice versa.
2. Experience from real operations and/or major LIVEX at MCC and SCP level in a senior position.
3. Skills and knowledge from matrix: Up to and including Level 2 for all skills, plus level 3 for MC001/002/003/MD001/004/MS001/002/003/004/ (See Annex 4B).

Reports To: OiC SCP, or as directed.

ROLE

The NCAGS LO is embarked on board selected merchant vessels. Responsible for providing required information and helping the Master understand relevant naval/military requirements and provide him with required information.

PRINCIPAL TASKS

- Brief and inform on the military situation, including threats to merchant shipping
- Explain and interpret information contained in SIs and SOFs
- Collect and disseminate ship's data, voyage intention, and information of interest
- Check, monitor and report on equipment and publications of interest
- Train and assist ship's Master and officers in tactical communications, manoeuvring procedures, EMCON responsibilities, general safety, documentation and operating requirements for helicopter operations, if necessary
- Provide relevant information to naval authorities on operations in the area
- Act as an interpreter of military language and expressions
- Allow for secure exchange of classified information
- Debrief the Master at the end of each voyage

NATO SHIPPING CENTRE – WATCH COMMANDER (WC NSC)

Service: Navy Augmentee

Rank/Grade: OF- 4/3

Background/Training Requirement:

1. Experience from major NATO LIVEX at MCC or SCP level in a senior position.
2. Skills and knowledge from matrix: Up to and including Level 2 for all skills, plus level 3 MD001/PC001/003/IM001/004/MS001/002/003/004 (See Annex 4B).

Reports To: Officer in Charge NATO Shipping Centre (OiC NSC).

ROLE

The NSC - WATCH COMMANDER role is to organise the watch staff of the NATO Shipping Centre (NSC) in accordance with their Standard Operating Procedures (SOP).

PRINCIPAL TASKS

Although the NSC will promulgate full details, the following are examples of the principal tasks:

- Organise the NATO Shipping Centre (NSC) and supervise the NCAGS personnel in accordance with NSC SOP
- Perform the duties as described in OPTASK NCAGS
- Ensure that Shipping Information and Reports are received and processed in support of the NCAGS CDR's mission
- Ensure that merchant shipping is given correct information (eg incidents/situation/developments/assessments) in accordance with NCAGS policy in a timely fashion
- Ensure that the MCC NCAGS Watch Commander is fully briefed on all NSC aspects of the operation or exercise
- Maintain a plot of merchant shipping within the Area of Operations (AOO)
- In exercises identify passex opportunities and forward information to SO NCAGS
- Control the signal message distribution within the NSC in cooperation with the communications support
- Act as the Action Officer and signal message Releasing Officer for the NSC
- Ensure that a timely response is made to signal messages and emails requiring action
- Update the turnover notes for the relieving Watch Commander and ensure regular update of the Website
- Ensure that the NSC systems (MCCIS, NAMESIS, Communications, and Internet) are operated properly
- Support MCC in picture compilation for the RMP
- Maintain communication to/from military and merchant vessels

NATO SHIPPING CENTRE - SHIPPING CO-ORDINATOR (SC)

Service: Navy Augmentee

Rank/Grade: OF- 3/2

Background/Training Requirement:

1. NCAGS basic course graduate, or equivalent.
2. Previous participation in CAX, CPX or LIVEX exercises with NCAGS involvement as an assistant Duty Officer.
3. Skills and knowledge from matrix: Up to and including Level 1 for all skills, plus Level 2 for MD004/PC001/002/003/IM001/MS001/004 (See Annex 4B).

Reports To: Watch Commander or the OiC SCP (dependant on location).

ROLE

The Shipping Co-ordinator (SC) is a post that can be implemented when sufficient manning is available. This post may be utilised in a number of locations such as MCC (in a shore-based HQ), NSC, NCAGS Units and SCPs, depending on the operational requirement. The SC is multi-useable.

PRINCIPAL TASKS

- Organise the flow of incoming/outgoing information from/to shipping
- Monitor and maintain records of all messages from merchant ships, including phone, fax, telex and email
- Provide instructions to NCAGS Liaison Officers regarding information collection
- Liaise with ADP System Manager with regard to merchant shipping information passed from NCAGS ADP system to MCCIS
- Check for completeness of the merchant vessel input data cards
- Maintain records/logs on shipping information coming into NSC or SCP, including merchant vessels available and willing to participate as a PASSEX ship
- Ensure that NSAs and the merchant shipping community are kept informed

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ANNEX 4B

NCAGS SKILLS AND KNOWLEDGE TRAINING MATRIX

Table 4B-1. NCAGS Skills and Knowledge Matrix

<u>Subject Area</u>	<u>Code</u>	<u>Task</u>	<u>Level 1 - Basic</u>	<u>Level 2 - Intermediate</u>	<u>Level 3 - Advanced</u>
Briefing Skills	BS001	NCAGS Briefing	To know and understand the structure and contents of NCAGS briefing	To be able to carry out a detailed brief	Manage NCAGS briefing operations
	BS002	NCAGS Command Brief	Introduction into command brief	Prepare and deliver a command brief	To be able to manage the briefing criteria
	BS003	Sailing Instructions	To understand the contents of SI	Draft and issue SIs	Not required
	BS004	Sailing Order Folders	To understand the contents of SOF	Draft SOFs	Validate and issue SOFs
Classified Materials	CM001	Physical Security	Basic understanding of physical security	Supervise and implement emergency destruction plans	Manage physical security systems
	CM002	Classified Material	Understanding of classified material and its handling requirements	To be able to order, receive, handle and destroy classified material	Management of the handling of classified material
	CM003	COMSEC	Understand and utilise the principals of COMSEC	Brief COMSEC instructions and carry out custodial duties	Develop and implement COMSEC plans
	CM004	NATO Physical Security	Basic understanding of NATO physical security	Supervise and implement NATO emergency destruction plans	Manage NATO physical security systems
	CM005	NATO Classified Material	Understanding of NATO classified material and its handling requirements	To be able to order, receive, handle and destroy NATO classified material	Management of the handling of NATO classified material
	CM006	NATO COMSEC	Understand and utilise the principals of NATO COMSEC	Brief NATO COMSEC instructions and carry out custodial duties	Develop and implement NATO COMSEC plans
Crisis Response Shipping (CRS)	CRS001	CRS	Intro to CRS	Good working knowledge of NCAGS responsibilities for CRS	Advise MCC on implications of CRS on military operations

<u>Subject Area</u>	<u>Code</u>	<u>Task</u>	<u>Level 1 - Basic</u>	<u>Level 2 - Intermediate</u>	<u>Level 3 - Advanced</u>
Dispersal and Emergency Movements	DE001	Dispersal	Understanding of dispersal policies and procedures	Activate, on order, dispersal policies and procedures	Advise civilian and military authorities on dispersal policies and procedures
	DE002	Emergency Movement	Understanding of emergency movement policies and procedures	Activate, on order, emergency movement policies and procedures	Advise civilian and military authorities on emergency movement policies and procedures
Government Organisation (GO)	GO001	National Organisational Knowledge	Understanding of own national GO policies and structure	Good understanding of own national GO policies and structure	Not required
	GO002	International Organisational Knowledge	Understanding of International GO policies and structure	Good understanding of International GO policies and structure	Not required
Information Management	IM001	ADP management	Supervised setting up and operation of ADP systems	Unsupervised setting up and operation of ADP systems in an exercise environment	Unsupervised management of ADP systems in an operational environment including IT networking
	IM002	Information Technology	Basic computer skills	IT security with regard to Computer systems	Not required
	IM003	Internet	Basic understanding of email, including account management and Web search engines	Knowledge of Web based design and management	Not required
	IM004	Intranet (eg NATO SWAN)	Basic understanding of Intranet web facilities	Knowledge of Web based design and management	Not required
Legal Considerations	LC001	Law Of the Sea and UNCLOS	Intro to Law of the Sea and UNCLOS	Create an awareness for the implications of Laws of the Sea and UNCLOS	Create an awareness at senior levels for the implications of Law of the Sea and UNCLOS on NCAGS operations

<u>Subject Area</u>	<u>Code</u>	<u>Task</u>	<u>Level 1 - Basic</u>	<u>Level 2 - Intermediate</u>	<u>Level 3 - Advanced</u>
Maritime Doctrine	MD001	NCAGS and other warfare areas	Introduction to NCAGS. Relationship with respect to other warfare areas	Provide NCAGS input WRT policies affecting warfare areas	Integrate NCAGS considerations into warfare areas
	MD002	Knowledge of Command Estimate	Intro to command estimate. Consolidation (Exercise). Attend in-house warfare course	Provide NCAGS input to command estimate	Contribute to Joint Ops at J3 and J5 levels with regard to all NCAGS considerations
	MD003	Command and Control Relationships	Introduction to command relationships	Advise command relationships for NCAGS	Direct command relationships for NCAGS
	MD004	Publications	Basic knowledge of NCAGS publications and related documents	Good knowledge of NCAGS publications and related documents	Complete knowledge of NCAGS publications and related documents
Maritime Doctrine	MD005	OPLANS and OPORDS	Able to understand OPLANS and OPORDS	Provide NCAGS input to OPLANS and OPORDS at operational level	Write, and implement, NCAGS components to OPLANS and OPORDS at operational and or strategic level
	MD006	Escort, Leadthrough and Accompaniment	Introduction to the principals of Escort, Leadthrough and Accompaniment	Liaise with the military commander and Merchant Shipping on the organisation of merchant vessels aspects of Escort, Leadthrough and Accompaniment	Recommend implementation of, and conduct of NCAGS aspects of Escort, Leadthrough and Accompaniment
	MD007	Convoying	Introduction to the principals of convoying	Liaise with the military commander and merchant shipping on the organisation of merchant vessels aspects of convoying	Recommend implementation of and conduct of NCAGS aspects of convoying
	MD008	Crisis Response Systems	Introduction to NATO and National Crisis response systems	Not required	Not required
	MD009	AWNIS	Introduction to AWNIS	Good knowledge of AWNIS.	Not required

<u>Subject Area</u>	<u>Code</u>	<u>Task</u>	<u>Level 1 - Basic</u>	<u>Level 2 - Intermediate</u>	<u>Level 3 - Advanced</u>
	MD010	OPTASK NCAGS	Basic knowledge of OPTASK NCAGS	Provide inputs to OPTASK NCAGS	Draft OPTASK NCAGS for NCAGS Commander release
Merchant Shipping	MS001	Terminology	Basic knowledge of merchant shipping terminology	Not required	Not required
	MS002	Merchant Vessel Characteristics	Basic knowledge of merchant vessel characteristics	Basic knowledge of internal merchant vessels capabilities and limitations	Not required
	MS003	Shipping Operations	Basic Knowledge of merchant shipping organisations	Basic knowledge of shipping operations	Advise MCC with regards to merchant shipping operations as they affect military operations and vice versa
	MS004	Fishing	Basic knowledge of fishing operations	Good knowledge to effectively co-operate with fishing authorities and organisations	Advise MCC how fishing operations may affect military operations and vice versa
	MS005	Threats to Merchant Vessels and Counter-measures	Basic knowledge of threats to merchant vessels and countermeasures	Good knowledge of threats to merchant vessels and countermeasures	Advise MCC with regards to risk and impact of threats to merchant shipping and the effect on military operations
	MS006	Threats from Merchant Vessels	Basic knowledge of threats from merchant vessels	Good knowledge of threats from merchant vessels	Advise MCC with regards to risk and impact of threats from merchant shipping and the effect on military operations
	MS007	Marine Insurance	Knowledge of marine insurance	Not required	Advise the MCC on how military operations may affect marine insurance

<u>Subject Area</u>	<u>Code</u>	<u>Task</u>	<u>Level 1 - Basic</u>	<u>Level 2 - Intermediate</u>	<u>Level 3 - Advanced</u>
	MS008	Peacetime organisation for Civil Emergency Planning/civil direction of shipping	Knowledge of Civil Emergency Planning/civil direction of shipping	Not required	Not required
	MS009	Merchant Vessel Passage Planning	Understand the requirements of passage planning		
	MS010	ISPS	Basic knowledge of ISPS	Good knowledge of ISPS	Advice MCC on how ISPS can affect military operations
	MS011	SOLAS	Basic knowledge of SOLAS	Not required	Not required
	MS012	GMDSS	Good knowledge of GMDSS and other merchant ship communications	Not required	Not required
Military Comm-unications	MC001	Military Systems	Basic knowledge of military communication systems	Good knowledge of military communication systems	Not required
	MC002	COMPLAN	Understand plans	Development and implementation of plans for NCAGS within COMPLANs	Not required
	MC003	Crypto	Understand types, practice and usage	Not required	Not Required
	MC004	Message Types	Be familiar with message publications, interpretation of terminology and draft signals	Complete understanding of the requirements of the Releasing Officer's duties	Recommend and advise changes to message publications
	MC005	Voice Procedures	Introduction and etiquette of voice procedures	Not required	Not Required
	MC006	EMCON	Understand EMCON plans	Brief merchant vessels on EMCON Plan	Recommend and advise on merchant vessel limitations of EMCON to the MCC
Non Government Organisation (NGO)	NG001	Knowledge of Organisations	Understanding of NGO policies and structure	Good understanding of NGO policies and structure	Not required

<u>Subject Area</u>	<u>Code</u>	<u>Task</u>	<u>Level 1 - Basic</u>	<u>Level 2 - Intermediate</u>	<u>Level 3 - Advanced</u>
Picture Compilation	PC001	RMP	Understand definitions, terminology and general use of the RMP	Good understanding of the RMP process	Advise MCC with regard to merchant vessels as part of the RMP
	PC002	RMP Collection and Maintenance of Ship Data	Understand how to gather merchant vessel data, input to the RMP and update it	Able to manage NCAGS data and to be familiar with applicable RMP systems	Advise MCC with regards to merchant vessels data
	PC003	AIS	Basic understanding of AIS	Good understanding of AIS	Not required
ROE	ROE001	Rules of Engagement	Introduction to ROE	Not required	Create an awareness at senior levels for the implications of ROE on NCAGS operations
Routing	RT001	Routing	Understand the principles of NCAGS routing with practical training	Provide proposed routes in accordance with safe navigation practices	Manage routing policy and procedures for NCAGS in relation to other warfare disciplines

CHAPTER 5

Merchant Shipping Nomenclature

0501 Introduction

The abbreviations in the following paragraphs may be used on ship data cards for ADP communications to describe the details of vessel or cargo types.

Note: Military Standard Ship Designator Codes are listed in STANAG 1166.

0502 Ship Types

Table 5-1. Ship Types

	DESCRIPTION	REMARKS
AE	Ammunition Ship	Has capacity to provide replenishment-at-sea facilities
AEL	Ammunition Ship, Small (40-120 metres)	Has capacity to provide replenishment-at-sea facilities
AET	Ammunition Transport	
AETL	Ammunition Transport, Small (handling less than 5,000 tons)	
AH	Hospital Ship	
AOT	Oiler Transport (over 120 metres)	
AOTL	Oiler Transport, Small (40-120 metres)	
AP	Personnel Transport (over 120 metres)	
ARC	Cable Ship	
TJ	Hovercraft, General	
TJC	Hovercraft, Transport/Cargo	
TJF	Hovercraft, Ferry	
TM	Merchant Ship, General (cargo/passenger)	
TMA	Merchant Ship, Dry Cargo, Break Bulk	
TMB	Merchant Ship, Break Bulk	
TMC	Merchant Ship, Container (not-self-sustained)	
TMCS	Merchant Ship, Container (self-sustained)	
TMD	Merchant Ship, Dredger	
TME	Merchant Ship, RO/RO (40 metres or more)	
TMF	Merchant Ship, Car/Passenger Ferry	
TMFR	Merchant Ship, Railroad Car Ferry	
TMGB	Merchant Ship, Ice Breaker	
TMGS	Merchant Ship, Scientific Research/Survey	
TMH	Merchant Ship, Heavy Lift	
TMI	Merchant Ship, Inland Waterway	
TMK	Merchant Ship, Cable Layer	
TML	Merchant Ship, LASH	
TMLS	Merchant Ship, SEABEE	
TMM	Merchant Ship, Meteorological	
TMO	Merchant Ship, Tanker	
TMOL	Merchant Ship, Replenishment	

Table 5-1. Ship Types (Contd)

	DESCRIPTION	REMARKS
TMOR	Merchant Ship, Replenishment, Oiler	Has capacity to provide replenishment-at-sea facilities
TMOS	Merchant Ship, Special Liquids (over 40 metres)	
TMOT	Merchant Ship, Liquid Gas	
TMP	Merchant Ship, Passenger	
TMR	Merchant Ship, Refrigerated	
TMS	Merchant Ship, Space/Missile	
TMT	Merchant Tug, (1,000-plus horsepower)	
TMTR	Merchant Tug, Ocean going Rescue	
TMTS	Merchant Tug, Ocean going, Salvage	
TMWT	Merchant Ship, Water Tender	
TMWW	Merchant Ship, Distilling	
TU	Fishing Vessel, General (over 30 metres)	
TUB	Fishing Base Ship	
TUF	Fishing Factory Ship	
TUR	Fishing Vessel, Refrigerated	
TUW	Whale Factory Ship	

0503 Cargo Categories

Table 5-2. Cargo Categories

	DESCRIPTION	REMARKS
REIN	Reinforcement Ship	
RESY	Resupply Ship	
RETR	Retrograde Ship	
MERC	Mercantile (Economic)	
UNKN	Unknown	

0504 Cargo Commodities

Table 5-3. Cargo Commodities

	DESCRIPTION	REMARKS
ACFT	Aircraft, parts, and equipment	
AMMO	Ammunition, explosives	
ASPHL	Asphalt, tar pitches, and associated products	
AVGAS	Aviation gasoline	
CHEMB	Basic chemicals (bulk)	
CHEMP	Chemical products, cellulose, synthetic resins, dyes, tanning materials, etc	
CRUDE	Crude oil	
DIESO	Diesel oil	
ELECT	Electrical machinery, equipment, and supplies	
EMP C	Empty clean	
EMP D	Empty dirty	

Table 5-3. Cargo Commodities (Contd)

	DESCRIPTION	REMARKS
FERT	Nitrogenous fertilizer and fertilizer materials, potassic fertilizer	
FOOD B	Beverage foods	
FOOD D	Dairy products	
FOOD F	Fish and Fish products	
FOOD G	Mixed foods, groceries	
FOOD M	Meats, fresh, frozen, preserved, canned	
FOOD O	Food oils, vegetables, animal fats	
FOOD P	Poultry products	
FOOD S	Sugar, molasses	
FOOD V	Vegetables and fruit, canned or otherwise	
FARM F	Farm foods, barley, rye, corn, oats, rice, wheat, flaxseed, oilseed, etc	
FARM M	Farm machinery	
FUEL C	Coal-anthracite, bituminous	
FUEL D	Distillate fuel oil	
FUEL K	Heating oil, kerosene	
FUEL O	Heavy fuel, bunker fuel, residual oil	
GEN	Mixed cargoes, general	
GENC	General cargo, containerised	
GRAIN	Animal feed, hay, fodder	
HARDW	Hardware, general materials	
HOSP	Hospital and medical supplies, medicinal chemicals, pharmaceutical preparations	
JP	Aviation jet engine fuel	
LNG	Liquefied natural gas	
LPG	Liquefied petroleum gas	
LUMB	Lumber and wood products	
LUBE	Lubrication oil products	
MAIL	Mail	
MACH	Machinery, fabricated metal parts	
METAL	Metal products, iron and steel ingots, bars, rods, plates, sheets, pipe, etc	
METLA	Aluminium	
METLC	Copper and copper alloys	
METOR	Metal ores, iron, copper, bauxite, manganese, etc	
MILCG	Military controlled cargo and special category items	
MOGAS	Vehicle gasoline	
NAPTA	Light spirit products	
NOMET	Non-metallic minerals, limestone, building stone, clay, refractory materials gypsum, etc	
OPTIC	Instruments, watches, and clocks	
PAINT	Paint, varnishes, lacquers, enamels, gum, and allied products	

Table 5-3. Cargo Commodities (Contd)

	DESCRIPTION	REMARKS
PASS	Passengers/non combatants	
POISON	Toxic or BW cargo	
PULP	Pulp, paper, and allied products	
RUB	Rubber and rubber products	
TOBAC	Tobacco and tobacco products	
TROOPS	Troops	
TXNIL	Textile product, fibres, wood, cotton (basic or finished)	
VEH	Automobiles, trucks, trailers, buses, etc	
OTHER	Other than listed in commodity standard abbreviations (use AMPN set to describe)	

0505 Cargo Equipment Types

- Heavy Lift
- Derricks/cranes
- Container gantry
- Ro/Ro
- Side ramps

LIST OF ACRONYMS

Acronyms from AAP-15 are in italics.

A

AIS. *Automatic Identification Systems.*

AOO. *Area of Operations.*

B

BIO. *Biological.*

C

CBRN *Chemical Biological Radiological and Nuclear*

CEP. *Civil Emergency Plans.*

CHEM. *Chemical.*

COMSEC. *Communication Security.*

CRO. *Crisis Response Operation.*

CRG. *Communication Reporting Gate.*

CRS. *Crisis Response Shipping.*

D

DPC. *Defence Planning Committee.*

DTG. *Date Time Group.*

E

EMCON. *Emission Control.*

ETA. *Estimated Time of Arrival.*

G

GMDSS. *Global Maritime Distress and Safety System.*

I

IMO. *International Maritime Organisation.*

ISPS Code. International Ship and Port Facility Security.

IVC. *Immediately Vital Cargo.*

L

LO. *Liaison Officer.*

M

MCM. *Mine Countermeasures.*

MERCOMMS. *Merchant Vessel Communications.*

MERWARN. Warnings to Merchant Ships.

MIO. *Maritime Interdiction Operation.*

MOT. Ministry of Transport.

MPS. Maritime Pre-positioning Ship.

N

NAC. *North Atlantic Council.*

NATO. *North Atlantic Treaty Organisation.*

NAVWARN. Navigational Warning.

NCAGS. *Naval Cooperation and Guidance for Shipping.*

NCAGS CDR. NCAGS Commander.

NCAGS LO. NCAGS Liaison Officer.

NCAGSORG. NCAGS Organisation.

NSA. *National Shipping Authority/Administration.*

NSC. *NATO Shipping Centre.*

NUC. Nuclear.

P

PBOS. *Planning Board for Ocean Shipping.*

PIM. *Position and Intended Movement.*

PfP. Partnership for Peace.

POF. Potential Opposing Forces.

S

SCP. Shipping Cooperation Point.

SI. Sailing Instructions.

SRA. *Shipping Risk Area.*

STUFT. *Ships Taken Up From Trade.*

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GLOSSARY

Terms and definitions from AAP-6 are in italics.

A

accompaniment. *In naval cooperation and guidance for shipping, the coordinated passage through a specific area of increased risk by one or more merchant ships in company with military assets. Accompaniment takes place under a voluntary arrangement and does not imply direct protection by military assets.*

anti-terrorism. *All defensive and preventive measures taken to reduce the vulnerability of forces, individuals and property to terrorism. Note: Such measures include protective and deterrent measures aimed at preventing an attack or reducing its effect(s).*

area of operation. *An operational area defined by a joint commander for land or maritime forces to conduct military activities. Normally, an area of operations does not encompass the entire joint operations area of the joint commander, but is sufficient in size for the joint force component commander to accomplish assigned missions and protect forces.*

C

communication reporting gate. *A geographical reference point or line at which merchant ships are required to call the naval cooperation and guidance for shipping organisation in order to establish initial contact or to update previous information.*

communications security material. *All documents, devices or equipment (including crypto material) associated with the securing or authenticating of telecommunications.*

convoy. *A number of merchant ships or naval auxiliaries, or both, usually escorted by warships and/or aircraft, or a single merchant ship or naval auxiliary under surface escort, assembled and organised for the purpose of passage together.*

crisis response shipping. *All shipping employed in support of allied military operations, including ships taken up from trade, chartered shipping and, when appropriate, national pre-positioned ships.*

D

damage control. *In naval usage, measures necessary aboard ship to preserve and re-establish water-tight integrity, stability, manoeuvrability and offensive power; to control list and trim; to effect rapid repairs of materiel; to limit the spread of, and provide adequate protection from, fire; to limit the spread of, remove the contamination by, and provide adequate protection from, toxic agents; and to provide for care of wounded personnel.*

designated merchant ships. *A merchant ship with a special status that may give it priority over other ships for higher level naval cooperation and guidance for shipping activities and, when it is placed under the naval supervision of merchant ships, compels it to comply with military orders.*

dispersal. *In maritime operations, the reduction of the concentration of ships by reberthing within a port area or at working or holding anchorages in the vicinity.*

E

emergency movement. *In naval cooperation and guidance for shipping, the execution of diversion, port evacuation, area evacuation and subsequent movements in order to preserve ships and cargoes when attack is imminent.*

emission control. *Selective control of emitted electromagnetic or acoustic energy. The aim may be twofold: a. To minimize the enemy's detection of emissions and exploitation of the information so gained. b. To reduce electromagnetic interference, thereby improving friendly sensor performance.*

escort. *A combatant unit(s) assigned to accompany and protect another force or convoy.*

H

humanitarian operation. *An operation specifically mounted to alleviate human suffering where responsible civil actors in an area are unable or unwilling to adequately support a population. It may precede, parallel, or complement the activity of specialised civil humanitarian organisations.*

I

immediately vital cargo. *A cargo already loaded which the consignee country regards as immediately vital for the prosecution of the war or for national survival, notwithstanding the risk to the ship. If the cargo is carried in a ship of another nation, then that nation must agree to the delivery of the cargo. The use of this term is limited to the period of implementation of the shipping movement policy.*

L

leadthrough operation. *A maritime operation in which a guide ship leads other surface ships or submarines in a safe passage through a mined area.*

M

merchant ship. *A vessel engaged in mercantile trade except river craft, estuarial craft, or craft which operate solely within harbour limits.*

merchant ship communications system. *A worldwide system of communications to and from merchant ships using the peacetime commercial organisation as a basis but under an operational control authority, with the ability to employ the broadcast mode to ships when the situation makes radio silence necessary.*

merchant shipping. *In naval cooperation and guidance for shipping, the complete commercial maritime industry, including the fishing industry.*

N

national shipping authority. *The organisation within each Allied government responsible in time of war for the direction of its own merchant shipping.*

naval cooperation and guidance for shipping. *The provision of NATO military cooperation, guidance, advice, assistance and supervision to merchant shipping to enhance the safety of participating merchant ships and to support military operations.*

naval cooperation and guidance for shipping area. A geographical area within which the naval cooperation and guidance for shipping organisation conducts naval cooperation and guidance for shipping activities. The objective of such an area is to maximise the cooperation between military commanders and merchant shipping.

naval cooperation and guidance for shipping commander. The officer assigned to command the naval cooperation and guidance for shipping organisation. The naval cooperation and guidance for shipping commander is typically also the commander of the naval force.

naval cooperation and guidance for shipping liaison officer. An officer assigned to fulfil a liaison function between the naval cooperation and guidance for shipping organisation and other commands or civilian contacts.

naval cooperation and guidance for shipping organisation. Supports two distinct entities, the merchant shipping community and the military commander. Therefore, it supports both military operations and enhances the safety of merchant ships, while keeping mutual interference to a minimum.

naval cooperation and guidance for shipping unit. A team of naval cooperation and guidance for shipping personnel, deployed ashore or afloat, to provide specific local naval cooperation and guidance for shipping services including the gathering of local merchant shipping information, providing guidance to merchant ships and cooperating with and advising local merchant shipping.

naval supervision of merchant ships. *In naval cooperation and guidance for shipping, the mandatory routeing of merchant ships, control of their movements and/or convoy organisation by naval authorities.*

NATO shipping centre. A permanent organisation in the NATO headquarters in Northwood (GBR) tasked with establishing and maintaining links with the military, merchant shipping, national shipping authorities and international maritime agencies.

P

participating merchant ships. *A merchant ship taking part in a naval cooperation and guidance for shipping operation.*

S

sailing instruction. A document used by naval cooperation and guidance for shipping to inform merchant vessels of the general situation in the operation area, suggested route to follow through the area and any special instructions regarding communications, emission control, notification of diversion etc. This document may be delivered by email, fax or by hand by a Briefing Officer depending on situation and content.

security. *The condition achieved when designated information, material, personnel, activities and installations are protected against espionage, sabotage, subversion and terrorism, as well as against loss or unauthorised disclosure.*

shipping cooperation point. *A location where naval cooperation and guidance for shipping staff gather and disseminate information on local merchant and naval operations and provide the means to brief merchant shipping on risks, routeing and protective measures.*

shipping risk area. A military-designated geographic area of higher or specific risk to merchant ships.

standard route. *In naval cooperation and guidance for shipping, a preplanned single track connecting positions within the main shipping route.*

T

terrorism. *The unlawful use or threatened use of force or violence against individuals or property in an attempt to coerce or intimidate governments or societies to achieve political, religious or ideological objectives.*

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