

MEMORANDUM OF UNDERSTANDING
BETWEEN
THE MINISTRY OF NATIONAL DEFENCE OF THE REPUBLIC OF LITHUANIA
AND
THE MINISTRY OF DEFENCE OF THE
UNITED KINGDOM OF GREAT BRITAIN AND NORTHERN IRELAND
CONCERNING
CO-OPERATION IN THE FIELD OF
GEOSPATIAL INFORMATION AND SERVICES

UNCLASSIFIED

1. Introduction

1.1 The Ministry of National Defence of the Republic of Lithuania (LTU MOD) and the Ministry of Defence of the United Kingdom of Great Britain and Northern Ireland (UK MOD), hereinafter referred to as the "Participants", recognising the need for co-operation in the field of Geospatial Information (GeoINF) and Geospatial Services (GS), have reached the following understandings for a Memorandum of Understanding (MOU), recognising the Memorandum of Understanding between the Ministry of National Defence of the Republic of Lithuania and the Ministry of Defence of the United Kingdom of Great Britain and Northern Ireland Concerning Cooperation in the Field of Defence and Military Relations signed on 25th January 2013.

1.2 This MOU recognises and supports other collaborative defence GeoINF arrangements of which the Participants are members, such as the Multinational Geospatial Co-production Program (MGCP).

1.3 For the implementation of this MOU, Military Mapping Centre (MMC) of Lithuanian Armed Forces, LTU MOD and Defence Geographic Centre (DGC), UK MOD will be the competent authority for the Participants respectively.

1.4 The Participants recognise this MOU is not legally binding.

2. Purpose

2.1 The purpose of this MOU is to further co-operation between both Participants in the field of GeoINF and GS for national security and international co-operation, including the implementation of the North Atlantic Treaty Organisation (NATO) Geographic Policy.

2.2 The purpose also is to enable a mutually beneficial exchange, through the supply of GeoINF and provision of GS at minimal or no cost; and to minimise duplication of effort.

3. Definitions

3.1 MOU: A combination of Main Text, its Annexes and their Appendices.

3.2 Geospatial Information (GeoINF): Facts about the earth referenced by geographic position, arranged in a coherent structure and available in either analogue (e.g. maps and charts (land, air and maritime) and text) or digital format. This includes, but is not necessarily limited to, geodetic, geomagnetic, aeronautical, topographic, hydrographic, oceanographic, bathymetric, imagery, cartographic, littoral, planimetric, relief, thematic, toponymic, or gravimetric products, information, data, publications, and related technical information thereto.

3.4 Geospatial Services (GS): Those activities, both static and deployed, necessary to obtain, manage, evaluate, analyse, interpret, exploit, produce, disseminate and use GeoINF.

3.5 Classified GeoINF: Any classified government or defence related information, be it written, oral or visual communication of classified contents or the electrical or electronic transmission of a classified message, or be it material, supplied under this MOU that requires protection against unauthorised disclosure.

3.6 Intellectual Property Rights (IPR): All legal rights resulting from intellectual activity in the industrial, scientific, literary or artistic fields. It includes copyright and all rights in relation to inventions (including patent rights); registered and unregistered trademarks (including service marks); registered and unregistered designs and confidential information (including trade secrets

and know-how).

3.7 Government Use: Use by or for the Government of either Participant for official purposes, including contractors working in support of governmental requirements, but not including sales or transfers to Third Parties.

3.8 National Security: The safety of the nation from espionage, sabotage, politically motivated violence, the promotion of communal violence, attacks on a nation's defence system or acts of foreign interference.

3.9 Third Party: Any organisation, entity, individual or government other than the Participants to this MOU.

4. Scope

4.1 This MOU sets out the framework of co-operation for the supply of GeoINF produced or held by each Participant, and the provision of GS.

4.2 GeoINF supplied and GS provided will be as comprehensive as possible, except where reasons of national security or the rights of Third Parties prevent this.

4.3 GeoINF supplied includes but is not limited to, the following:

a. Digital data, products and packages, for example:

(1) Image maps, topographic and other line maps, aeronautical and hydrographic charts, littoral charts, thematic maps, town plans, military layers and terrain analysis, and relief information as contours, in the form of centre-line data, un-finished or finished products or reproduction material;

(2) Imagery;

(3) Digital elevation and surface models (DEM/DSM) and digital terrain models (DTM);

b. Hardcopy graphics, for example image maps, topographic and other line maps, aeronautical and hydrographic charts, littoral charts, thematic maps, town plans and military layers and terrain analysis in the form of finished products;

c. Documents:

(1) Reports;

(2) Catalogues and metadata;

(3) Technical documents and information on research and development initiatives;

4.4 GS provided include, but are not limited to, the following:

a. Access to geospatial libraries and archives;

b. Sharing of experiences and of capability and organisational developments;

c. Provision of technical support and training;

- d. Exchange of personnel;
- e. Joint research, development and procurement.

5. Annexes and Appendices

5.1 The GeoINF and GS to be supplied within the scope referred to in paragraph 4 are defined in the Annexes, which also include transmittal details and addresses.

5.2 Annexes will include no paragraphs inconsistent with this Main Text. The Annexes will be established and maintained by the competent authorities of the respective Participants.

6. Security and Disclosure

6.1 GeoINF supplied will be used by the receiving Participant, for the Participant's Ministry of Defence Use only, on a need-to-know basis and will not to be made available to Third Parties without prior written consent of the supplying Participant, and will not be for commercial use including publication or sale.

6.2 GeoINF supplied will carry a copyright marking, security classification, caveat, protective marking and handling notes, where applicable. Each Participant will handle and use the GeoINF in accordance with the related copyright and release restrictions provided with the GeoINF by the supplying Participant.

6.3 All Classified GeoINF supplied will be handled, stored, safeguarded, used and transmitted, in accordance with the relevant paragraphs of the Security Arrangement between the Government of the Republic of Lithuania and the Government of the United Kingdom of Great Britain and Northern Ireland Concerning the Mutual Protection of Classified Information signed 1st August, 2006.

6.4 Under freedom of information legislation, each Participant will take appropriate procedures available to keep GeoINF supplied by the other Participant free from disclosure (including requests under any legislative provisions), unless the supplying Participant grants written consent to such disclosure. In the event of unauthorised disclosure, or if it becomes probable that the information may have to be further disclosed under any legislative provision, immediate notification will be given to the supplying Participant.

7. Use of Geospatial Information and Services

7.1 Reproduction of supplied GeoINF will show any existing copyright marking, security classification caveat, protective marking and handling notes. The receiving Participant will also adhere to any specific guidance of the supplying Participant advised at the time of supply.

7.2 Where a Participant produces new GeoINF that includes or adapts supplied GeoINF, the Participant will acknowledge the source used and include any acknowledgement of copyright if required. Further IPR and release to Third Parties will be defined by mutual determination. The Participants will not produce new editions of the other Participants GeoINF without prior permission.

7.3 If both Participants jointly develop or produce GeoINF, they will share the IPR and rights of use/ mutually determine the IPR and rights on a case by case basis. Third Party IPR will remain unaffected.

7.4 The supplying Participant will assist in seeking any Third Party approvals as may be necessary for any production and reproduction of GeoINF by the receiving Participant.

7.5 The Participants will ensure, by all reasonable means, that the IPR in GeoINF supplied or produced under this MOU are not misused by a Participant or an authorised Third Party.

8. Visiting Personnel

8.1 All visiting personnel of a Participant will comply with the security regulations of the host Participant.

8.2 Any GeoINF or GS disclosed or made available to visiting personnel under this MOU will be treated in accordance with the relevant paragraphs of the Security Arrangement between the Government of the Republic of Lithuania and the Government of the United Kingdom of Great Britain and Northern Ireland Concerning the Mutual Protection of Classified Information signed on 5th October 1st August, 2006 and with the host Participant's applicable laws and regulations.

9. Balanced Co-operation

9.1 The supply and provision of GeoINF and GS will be made free of charge unless otherwise stated in the Annexes of this MOU.

9.2 The supply and provision of GeoINF and GS will be implemented on a reciprocal basis with an overall equitable balance across GeoINF and GS whether or not charges apply to any aspect.

9.3 The balance will be assessed by the competent authorities periodically with the aim of redressing any imbalance over the following year, eliminating any financial imbalance that must not be carried forward. No formal accounting procedure will be implemented.

9.4 Delivery costs will be borne by the supplying Participant.

9.5 Insofar as laws and regulations in force in the states of Participants permit, the Participants will ensure that readily identified taxes, customs duties and similar charges or quantitative restrictions on imports and exports will not be imposed in connection with this MOU. The Participants will administer all taxes, duties and/or other charges in the manner most favourable to the satisfactory execution of the arrangements described in this MOU. The Participant in whose country they are levied will bear the cost.

10. Amendments

10.1 This MOU and related Annexes may be amended at any time, in writing, with the mutual consent of the Participants. The agreed amendments will come into operation upon the date of last signature.

11. Disputes

11.1 Any dispute regarding the interpretation or application of this MOU will be resolved by consultation between the Participants.

12. Claims and Liability

12.1 Claims arising out of or in connection with, the execution of this MOU and covered by Article VIII of the NATO Status of Forces Agreement (SOFA) will be dealt with in accordance with the provisions therein.

12.2 Claims not covered by the NATO SOFA will be resolved by consultation between the Participants in accordance with applicable national and international law.

12.3 The supplying or providing Participant will not be liable for the receiving Participant's use of the GeoINF supplied or the GS provided. This includes GeoINF that is incorrect, incomplete or flawed, unless liability is the result of gross negligence or a deliberate act by the supplying Participant. If a receiving Participant detects errors in GeoINF, it will immediately inform the supplying Participant in writing.

13. Effective Date, Duration and Termination

13.1 This MOU will come into operation upon the date of last signature and will remain in operation until terminated by mutual written consent or by either Participant giving the other six months' written notice of termination.

13.2 Termination of this MOU also includes the termination of all Annexes and Appendices incorporated. The amendment or termination of one, several or all Annexes or Appendices to this MOU will not automatically terminate this MOU.

13.3 In the event of termination, each Participant will continue to comply with all the restrictions set out in paragraph 6 "Security and Disclosure" for the GeoINF supplied and the GS provided by the other Participant until advised that these restrictions are no longer applicable.

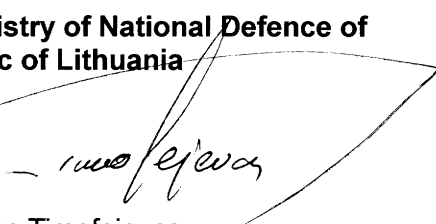
14. Signature

14.1 Signed in duplicate in English language all text being equally valid.

14.2 Each Participant will retain one original signed copy.

**For the Ministry of National Defence of
the Republic of Lithuania**

Signed:



Maj. Apolonas Timofejevas

Chief Topographer, Lithuanian Armed
Forces

Location: Vilnius

Date: 20/06/2013

**For the Ministry of Defence of the United
Kingdom of Great Britain and Northern
Ireland**

Signed:



Mr Paul Hancock

Director, Defence Geographic Centre

Location: Brussels

Date: 25/06/2013

1:50,000	Powerline and Obstruction Overprint Topographic Maps UK Training Area Topographic Maps	2
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1.1.4 Documents to be supplied:

GeoINF	Number of copies
UKMOD Catalogue of Geographic Products	1
Number 1 Aeronautical Information Documents Unit Military Aeronautical Products Catalogue	1
Country geodetic studies	1
Gazetteers of place names	1
Boundary studies	1
Geographic Research Information Papers (GRiP)	1

1.2 Other Geospatial Information/Material

1.2.1 DGC will also supply:

- a. Examples of Ordnance Survey maps of Great Britain;
- b. Technical papers, books, gazetteers and atlases published or sponsored by DGC, in the language of the original text, one copy of each;

1.3 Reproduction

1.3.1 MMC may reproduce the material at paragraph 1.1 in accordance with paragraphs 7.1 and 7.2 of the Main Text of this MOU. This includes the following exceptions:

- a. Scanning of the hardcopy supplied at paragraph 1.1.3 to produce one raster data reference copy, where raster data is not supplied;
- b. Plotting of two library reference copies from raster data listed at paragraph 1.1.3, where hardcopy is not supplied;
- c. Plotting of emergency copies from raster data or from scans of hardcopy listed at paragraph 1.1.3, to meet short notice operational requirements;
- d. Production of endorsed standard raster products from the raster data or hardcopy listed at paragraph 1.1.3, with a copy supplied to DGC. These raster products will carry and be subject to the following provisions:
 - (1) Data is for LTU MOD Use only;
 - (2) Data may not be released to Third Parties without prior written consent from UK MOD;
 - (3) UK Crown Copyright material reproduced by permission of the Controller of Her Majesty's Stationery Office (HMSO);
 - (4) Further copying of data is restricted to temporary back-up only.

2. Supply of Geospatial Information/Material and Provision of Services - On Request

2.1 General GEOINF Support

2.1.1 Requests for the supply of GeoINF other than that at paragraph 1 (above), produced or held by DGC, will be considered on a case-by-case basis.

2.2 Support to Operations

2.2.1 DGC will supply one copy of any DGC produced or acquired GeoINF where required to assist the LTU MOD in support of UN or other multi-national contingency including humanitarian assistance and disaster relief planning or operations. If required, DGC will provide further copies of GeoINF, or permission to reproduce.

2.2.2 DGC will co-operate with MMC where both nations are engaged in production to support such operations to prevent unnecessary duplication, and for the coordination and deployment of field deployable capability, for print support and the exchange of expertise.

2.3 Stock Copies

2.3.1 The supply of digital data at paragraph 1.1.3 is intended to reduce the need for regular supply of stock copies. Stock will be supplied in exceptional circumstances, usually as initial supply or as stock-topping.

2.3.2 DGC will supply on ad-hoc request and charge for, one copy of digital reproduction material in a mutually approved format when the raster data supplied at paragraph 1.1.3 cannot be used directly or converted for printing of hardcopy. This will be for MMC to replenish stocks to maintain required levels of supply, and will be charged at the cost of the media plus the time taken to copy. Printing of stock copies by MMC will not require written authorisation, but will require written notification to DGC of the quantities printed.

2.3.3 DGC will supply on ad-hoc request and charge for, hardcopy stock of selected material from paragraph 1.1.3 subject to availability and DGCs ability to reprint low stock. Available and reprinted stock will be charged at the cost of the printing materials plus the time taken to complete the activity, assessed in terms of the Standard Map Unit (SMU). The SMU value is based on the standard (56x75cm) topographic map in five colours, as follows:

- a. Large format charts - Operational Navigation Chart (ONC) 1:1,000,000 scale, TPC 1:500,000 and other Aeronautical charts - 3 SMUs;
- b. Medium and small format maps and charts - 1501/1501Air 1:250,000 scale, topographic maps at 1:200,000 to 1:50,000, and military city maps - 1 SMU.

2.3.4 The monetary value assigned to the SMU will be determined by the competent authorities annually. An account of stocks supplied will be maintained by both competent authorities and any imbalance converted into cash terms and included in the assessment of the cooperation balance conducted under paragraph 9 of this MOU Main Text.

2.3.5 Any overall imbalance resulting from the SMUs will be settled within the next calendar year provided that the imbalance exceeds £1,000 / [local currency equivalent] or if not, carried over to the next calendar year as a value expressed in SMUs eliminated through additional supply and provision as imbalances must not be carried forward.

2.4 Co-production

2.4.1 Where both nations share common requirements or are committed to production, DGC will cooperate with MMC, wherever possible, by developing and employing a co-production programme and by sharing resources where appropriate.

2.5 Technical Support

2.5.1 DGC will provide technical support and advice; including, but not limited to, imagery exploitation, Geographic Information Systems, production methods, printing, data storage, dissemination and development.

2.6 Training

2.6.1 Subject to the availability of places and suitable funding being arranged, DGC will consider requests for suitably qualified military or civilian officers to attend the MSc in Defence Geospatial Intelligence at the Royal School of Military Survey (RSMS).

2.6.2 Requests for other training from RSMS, DGC or related units, either in UK or Lithuania, will be considered on a case-by-case basis, and DGC will endeavour to reduce standard RSMS costs for Lithuania.

2.7 Other Co-operation

2.7.1 DGC will consider requests from MMC for other geospatial co-operation with DGC and related units.

2.8 Visits

2.8.1 DGC will consider requests from MMC for visits to DGC and related units for the purpose of liaison and technical co-operation. DGC will also endeavour to put MMC in touch with any UK commercial and Government organisations with whom MMC may wish to deal.

2.9 Correspondence

a. Requests and all other correspondence related to this MOU will be addressed to:

Ministry of Defence
Defence Geographic Centre
MacLeod Building
Elmwood Avenue
Feltham
Middlesex
TW13 7AH
UNITED KINGDOM

Tel: +44 (0)20 8818
Fax: +44 (0)20 8818 3130

b. DGC will notify and update contact details, including e-mail address (post or personal), to MMC on change of personnel.

3. Dispatch of Geospatial Information/Material

a. GeoINF supplied by DGC to MMC will be addressed to:

Military Mapping Centre of Lithuanian Armed Forces
Muitines str. 4

LT-54359 Domeikava
Kauno Raj
Lithuania

Tel. (+370) 5 211 3921
Fax: (+370) 5 211 3992

b. MMC will notify and update contact details, including e-mail address (post or personal), to DGC on change of personnel.

ANNEX B

SUPPLY OF GEOSPATIAL INFORMATION AND PROVISION OF SERVICES

TO

MEMORANDUM OF UNDERSTANDING

BETWEEN

**THE MINISTRY OF NATIONAL DEFENCE OF THE
REPUBLIC OF LITHUANIA**

AND

**THE MINISTRY OF DEFENCE OF THE
UNITED KINGDOM OF GREAT BRITAIN AND NORTHERN IRELAND**

CONCERNING

**CO-OPERATION IN THE FIELD OF
GEOSPATIAL INFORMATION AND SERVICES**

1. Supply of Geospatial Information MMC to DGC - Routine

1.1 Primary Geospatial Information/Material

1.1.1 The MMC of Lithuanian Armed Forces will supply Defence Geographic Centre (DGC) of the UK MOD, current editions and, on publication, new or revised editions of the following Geospatial Information (GeoINF), subject to availability and any Lithuanian national security or Third Party restrictions.

1.1.2 If any of this GeoINF becomes obsolete or is re-designated in the future, then the revised edition or nearest successor or substitute will be supplied.

1.1.3 Digital geospatial data and products, and hardcopy graphics to be supplied:

Equivalent Scale and Resolution	GeoINF	Number of copies
VECTOR DATA		
1:250,000	Topographic Data	1
1:100,000	Topographic Data	1
1:50,000	Topographic Data	1
RASTER DATA (LTU data and MMC produced data over UK territory)		
1:500,000	Tactical Pilotage Chart (TPC), TPC(Maritime), Low Flying Chart (LFC), Equivalent	1
1:250,000	Joint Operations Graphic Air (1501A), Tactical Flying Chart (Low Level) (TFC(L)), Equivalent	1
1:100,000	Topographic Maps	1
1:50,000	Topographic Maps	1
1:25,000	Military Training Area Maps	1

HARDCOPY		
1:500,000	TPC, TPC(M), LFC, Equivalent	2
1:250,000	1501A, TFC(L), Equivalent	2
1:100,000	Topographic Maps	2
1:50,000	Topographic Maps	2
1:25,000	Military Training Area Maps	2

1.1.4 Documents to be supplied:

GeoINF	Number of copies
Catalogue of Geographic Products	1
Military Aeronautical Products Catalogue	1
Country geodetic studies	1
Gazetteers of place names	1
Boundary studies	1
Geographic Research Information Papers (GRiP)	1

1.2 Other Geospatial Information/Material

1.2.1 MMC will also supply:

- a. Technical papers, books, gazetteers and atlases published or sponsored by MMC, in English if available, otherwise in the language of the original text, one copy each;

1.3 Reproduction

1.3.1 DGC may reproduce the material at paragraph 1.1 only in accordance with paragraphs 7.1 and 7.2 of the Main Text of this MOU. This includes the following exceptions:

- a. Scanning of the hardcopy supplied at paragraph 1.1.3 to produce one raster data reference copy, where raster data is not supplied;
- b. Plotting of two reference hardcopy sheets from raster data listed at paragraph 1.1.3, where hardcopy is not supplied, for UK MOD Use only;
- c. Plotting of emergency copies from raster data or from scans of hardcopy listed at paragraph 1.1.3, to meet short notice operational requirements;
- d. Production of endorsed standard raster products from the raster data or hardcopy listed at paragraph 1.1.3, with a copy supplied to. These DGC raster products will carry and be subject to the following provisions:
 - (1) Data is for UK MOD Use only;
 - (2) Data may not be released to Third Parties without prior written consent from LTU MOD;
 - (3) Lithuanian Copyright material reproduced by permission of the MMC;
 - (4) Further copying of data is restricted to temporary back-up only.

2. Supply of Geospatial Material and Provision of Services - On Request

2.1 General GeoINF Support

2.1.1 Requests for the supply of other GeoINF other than that at paragraph 1 (above) produced or held by MMC, including access to MMC GeoINF reference holdings or archives and related metadata will be considered on a case-by-case basis.

2.2 Support to Operations

2.2.1 MMC will supply one copy of any LTU MOD produced or acquired GeoINF where required to assist UK MOD in support of UN or other multi-national contingency including humanitarian assistance and disaster relief planning or operations. If required, MMC will provide further copies of GeoINF for planning in support of operations, or permission to reproduce.

2.2.2 Release in all cases is subject to any Lithuania national, Third Party or copyright restrictions.

2.2.3 MMC will co-operate with DGC where both nations are engaged in production to support such operations to prevent unnecessary duplication, and for the coordination and deployment of field deployable capability, for print support and the exchange of expertise.

2.3 Stock Copies

2.3.1 The supply of digital data at paragraph 1.1.3 is intended to reduce the need for regular supply of stock copies. Stock will be supplied in exceptional circumstances, usually as initial supply or as stock-topping.

2.3.2 MMC will supply on ad-hoc request and charge for, one copy of digital reproduction material in a mutually approved format when the raster data supplied at paragraph 1.1.3 cannot be used directly or converted for printing of hardcopy. This will be for DGC to replenish stocks to maintain required levels of supply, and will be charged at the cost of the media plus the time taken to copy. Printing of stock copies by DGC will not require written authorisation, but will require written notification to MMC of the quantities printed.

2.3.3 MMC will supply on ad-hoc request and charge for, hardcopy stock of selected material from paragraph 1.1.3 subject to availability and MMC ability to reprint low stock. Available and reprinted stock will be charged at the cost of the printing materials plus the time taken to complete the activity, assessed in terms of the Standard Map Unit (SMU). The SMU value is based on the standard (56x75cm) topographic map in five colours, as follows:

- a. Large format charts - Operational Navigation Chart (ONC) 1:1,000,000 scale, TPC 1:500,000 and other Aeronautical charts - 3 SMUs;
- b. Medium and small format maps and charts - 1501/1501Air 1:250,000 scale, topographic maps at 1:200,000 to 1:50,000, and military city maps - 1 SMU.

2.3.5 The monetary value assigned to the SMU will be determined by the competent authorities annually. An account of stocks supplied will be maintained by both competent authorities and any imbalance converted into cash terms and included in the assessment of cooperation balance conducted under paragraph 9 of this MOU Main Text.

2.3.6 Any overall imbalance resulting from the SMUs will be settled within the next calendar year provided that the imbalance exceeds £1,000 / [local currency equivalent] or if not, carried over to the next calendar year as a value expressed in SMUs eliminated through additional supply and provision as imbalances must not be carried forward.

2.4 Co-production

2.4.1 Where both nations share common requirements or are committed to production, the MMC will cooperate with DGC, wherever possible, by developing and employing a co-production programme and by sharing resources where appropriate.

2.5 Technical Support

2.5.1 MMC will provide technical support and advice; including, but not limited to, imagery exploitation, Geographic Information Systems, production methods, printing, data storage, dissemination and development.

2.6 Training

2.6.1 Subject to the availability of places and suitable funding being arranged, MMC will consider requests for suitably qualified military or civilian officers to attend relevant courses at the Lithuania Geospatial training organisation(s). These will be considered on a case-by-case basis, and MMC will endeavour to reduce standard costs for DGC.

2.7 Other Co-operation

2.7.1 MMC will consider requests from DGC for other geospatial co-operation with MMC and related units.

2.8 Visits

2.8.1 MMC will consider requests from DGC for visits to MMC and related organisations within Lithuania for the purpose of liaison and technical co-operation. MCC will also endeavour to put DGC in touch with any Lithuanian commercial and Government organisations with whom DGC may wish to deal.

2.9 Correspondence

- a. Requests and all other correspondence related to this MOU will be addressed to:

Military Mapping Centre of Lithuanian Armed Forces
Muitines str. 4
LT-54359 Domeikava
Kauno Raj
Lithuania

3. Dispatch of Geospatial Information/Material

- a. GeoINF supplied by MMC to DGC will be addressed to:

Ministry of Defence
Defence Geographic Centre
MacLeod Building
Elmwood Avenue
Feltham
Middlesex
TW13 7AH
UNITED KINGDOM

Tel: +44 (0)20 8818
Fax: +44 (0)20 8818 3130

- b. DGC will notify and update contact details, including e-mail address (post or personal), to MMC on change of personnel.

ANNEX A

SUPPLY OF GEOSPATIAL INFORMATION AND PROVISION OF SERVICES

TO

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**THE MINISTRY OF NATIONAL DEFENCE OF THE REPUBLIC
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1.1 Primary Geospatial Information

1.1.1 Defence Geographic Centre (DGC) of the UK MOD will supply to the Military Mapping Centre (MMC) of Lithuanian Armed Forces current editions and, on publication, new or revised editions of the following Geospatial Information (GeoINF), subject to availability and any UK national security or Third Party restrictions.

1.1.2 If any of this GeoINF becomes obsolete or is re-designated in the future, then the revised edition or nearest successor or substitute will be supplied.

1.1.3 Digital geospatial data and products and packages, and hardcopy graphics to be supplied:

Equivalent Scale & Resolution	GeoINF	Number of copies
VECTOR DATA		
All scales	OS Open Data, (for free download from Ordnance Survey website by Lithuania).	1
RASTER DATA (UK data and DGC produced data over LTU territory)		
1:500,000	Tactical Pilotage Chart (TPC), TPC(Maritime), Low Flying Chart (LFC), Equivalent	1
1:250,000	Joint Operations Graphic Air (1501A), Tactical Flying Chart (Low Level) (TFC(L)), Equivalent	1
1:50,000	Powerline and Obstruction Overprint Topographic Maps UK Training Area Topographic Maps	1
HARDCOPY		
1:500,000	TPC, TPC(M), LFC, Equivalent	2
1:250,000	1501A, TFC(L), Equivalent	2

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