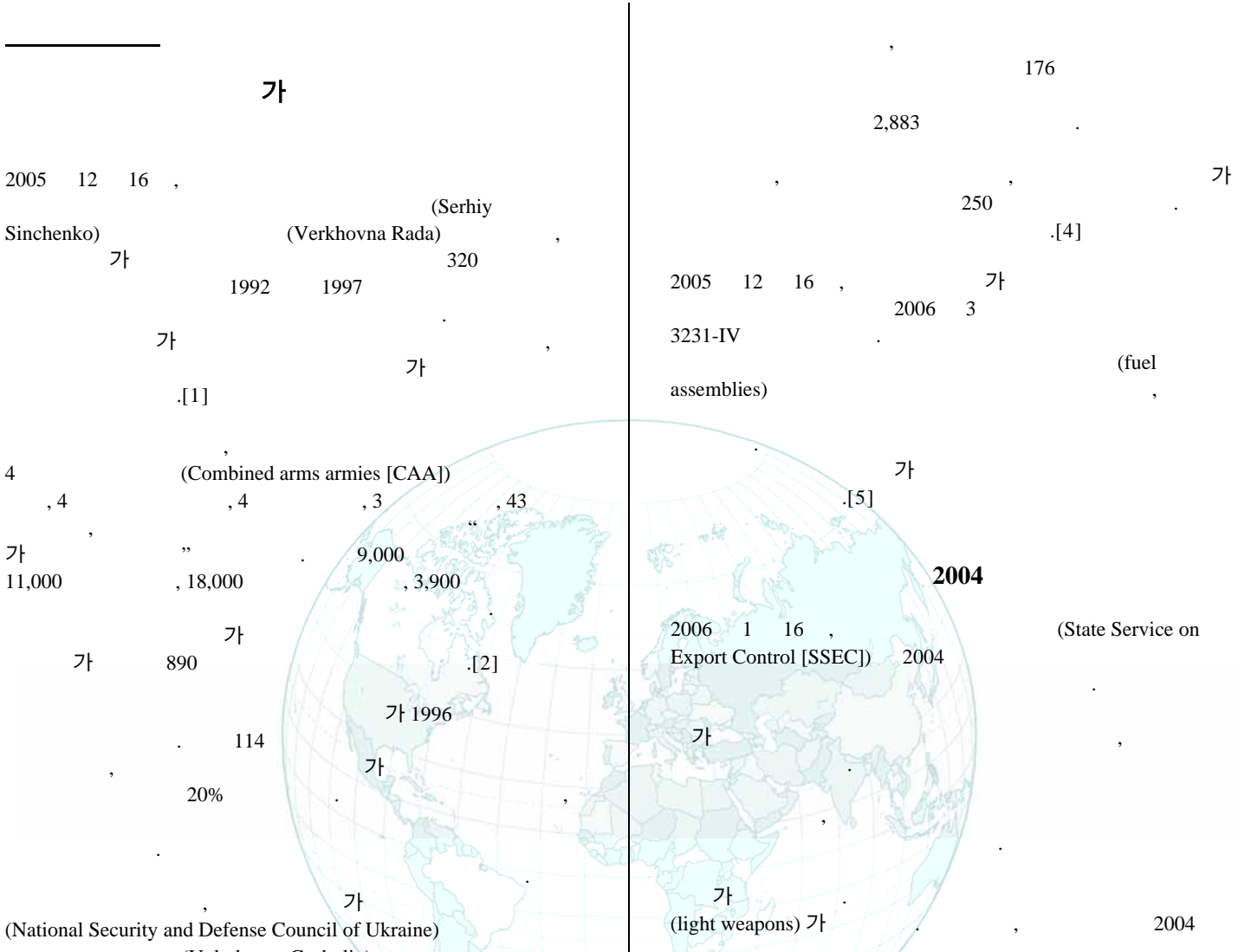




INTERNATIONAL EXPORT CONTROL
Observer

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¹ "Ukraine Reveals \$32Bln Weapons Embezzlement," MosNews, December 19, 2005, <http://www.mosnews.com>. "Komissiya VR zayavlyayet, chto za 5 let s Ukrainy vyvezli oruzhiya na 32 mlrd. doll." (The Verkhovna Rada commission announces that over 5 years \$32 billion worth of weapons were removed from Ukraine), proUA.com, December 16, 2005, <http://www.proua.com>. Marina Soroka, "Za 5 let iz Ukrainy nezakonno bylo vyvezeno vooruzheniya na 32 milliarda dolarov" (Over 5 years \$32 billion worth of arms were illegally removed from Ukraine), Podrobnosti.ua, December 16, 2005, <http://www.podrobnosti.ua>.

² "Komissiya VR zayavlyayet, chto za 5 let s Ukrainy vyvezli oruzhiya na 32 mlrd. doll." (The Verkhovna Rada commission announces that over 5 years \$32 billion worth of weapons were removed from Ukraine), proUA.com, December 16, 2005, <http://www.proua.com>. Marina Soroka, "Za 5 let iz Ukrainy nezakonno bylo vyvezeno vooruzheniya na 32 milliarda dolarov" (Over 5 years \$32 billion worth of arms were illegally removed from Ukraine), Podrobnosti.ua, December 16, 2005, <http://www.podrobnosti.ua>.

³ "Ukraine Reveals \$32Bln Weapons Embezzlement," MosNews, December 19, 2005, <http://www.mosnews.com>. "Komissiya VR zayavlyayet, chto za 5 let s Ukrainy vyvezli oruzhiya na 32 mlrd. doll." (The Verkhovna Rada commission announces that over 5 years \$32 billion worth of weapons were removed from Ukraine), proUA.com, December 16, 2005,

<http://www.proua.com>. Marina Soroka, "Za 5 let iz Ukrainy nezakonno bylo vyvezeno vooruzheniya na 32 milliarda dolarov" (Over 5 years \$32 billion worth of arms were illegally removed from Ukraine), Podrobnosti.ua, December 16, 2005, <http://www.podrobnosti.ua>.

⁴ "Ukraine Reveals \$32Bln Weapons Embezzlement," MosNews, December 19, 2005, <http://www.mosnews.com>. "Komissiya VR zayavlyayet, chto za 5 let s Ukrainy vyvezli oruzhiya na 32 mlrd. doll." (The Verkhovna Rada commission announces that over 5 years \$32 billion worth of weapons were removed from Ukraine), proUA.com, December 16, 2005, <http://www.proua.com>. Marina Soroka, "Za 5 let iz Ukrainy nezakonno bylo vyvezeno vooruzheniya na 32 milliarda dolarov" (Over 5 years \$32 billion worth of arms were illegally removed from Ukraine), Podrobnosti.ua, December 16, 2005, <http://www.podrobnosti.ua>.

⁵ "VR peredayet v Genprokuraturu materialy o nezakonnoy torgovle oruzhiyem" (The Verkhovna Rada submits materials about illegal arms trade to the General Prosecutor's Office), LigaBiznesInform, December 16, 2005, <http://www.liga.net>. "Pro poperednyu informatsiyu Tymchasovoyi slidchoyi komisiyi Verkhovnoyi Rady Ukrainy po perevertsi faktiv nezakonnoyi torhivli zbroyeu i viyskovym maynom ta yikh nezakonnoyi peredachi v inshi krainy" (On preliminary information of the Temporary Parliamentary Commission of Verkhovna Rada investigating the cases of illegal arms and munitions sales and their illegal transfer to other countries), Verkhovna Rada Decree No. 3231-IV of December 16, 2005, Verkhovna Rada website, <http://zakon.rada.gov.ua/cgi-bin/laws/main.cgi>.

14,390 (),
 9,792 ,
 4,724 204 500
 1,100 1,690 ,
 151 , 765 ,
 50 , 66
 16 R-73
 22 R-27 , 114 R-27 ,
 3 T-72 , 28 BMP-2
 (armored personnel carriers), 64
 BMP-2, 19 BMP-2, RS-18
 (SSEC) 2004
 1,028 가
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 55 (nuclear capable air-launched
 cruise missiles)
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 . (International Export Control
 Observer 2 " 가
 2004 가
 Observer . International Export Control

(EURASEC)

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⁶ L.V. Checheyuk, "Informatsiya pro obsyahy mizhnarodnykh peredach ozbroynen, zdiysnennykh Ukrainoyu u 2004 rotsi" (Information on international arms transfers conducted by Ukraine in 2004), Ukraine's State Service on Export Control website, January 16, 2006, <<http://www.dsecu.gov.ua>>. "Vpervyye obnarodovan otchet ob eksporte ukrainskogo vooruzheniya" (A report on Ukraine's arms exports has been made public for the first time), Rупor.info, January 19, 2006, <<http://www.rupor.info>>.

2006 1 25 ,
 (Eurasian Economic Community
 [EURASEC]) (Interstate Council)
 EURASEC 가
 2005 10 EURASEC 가 .[7]
 EURASEC (Central Asian
 Cooperation Organization) (1994 가가
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 GUUAM (1997 ,
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 (Legislative Chamber) (Senate) 2
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 (Islam Karimov) 3
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 가 10% 가
 가 40% ,
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 EURASEC
 " , 2006
 EURASEC .[10]
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 EURASEC
 (Agreement on a Common Order of Export Control by EURASEC
 Member States) . EURASEC

⁷ "Uzbekistan prinyat v Evraziyskoye ekonomicheskoye soobshchestvo" (Uzbekistan accepted to the Eurasian Economic Community), RIA Novosti, January 25, 2006, <<http://www.rian.ru>>.
⁸ "Parlament Uzbekistana odobril vkhozheniye respubliki v EvrAzES" (Uzbekistan's parliament approved the republic's accession to EURASEC), Rosbalt news agency, February 12, 2006, <<http://www.rosbalt.ru>>. Law of the Republic of Uzbekistan, "O ratifikatsii Protokola o prisoyedinenii Respubliki Uzbekistan k Dogovoru ob uchrezhdenii Yevraziyskogo ekonomicheskogo soobshchestva ot 10 oktyabrya 2000 goda (Sankt-Peterburg, 25 yanvarya 2006 goda)" (On the ratification of the Protocol on the accession of the Republic of Uzbekistan to the Treaty establishing the Eurasian Economic Community of October 10, 2000 (St-Petersburg, January 25, 2006)), President of Uzbekistan Press Service website, March 8, 2006, <<http://www.pressservice.uz/ru/gsection.scm?groupId=4347&contentId=17836>>.
⁹ Vladimir Kuzmin, "Tashkent prinyali" (Tashkent has been accepted), Rossiyskaya gazeta online edition, January 26, 2006, <<http://www.rg.ru>>.
¹⁰ Abu-Ali Niyazmatov, "Uzbekistan to Join Several Eurasec Treaties," RIA Novosti, February 6, 2006, <<http://www.rian.ru>>.

2003 10 28 (WMD) 가
가
가
(Western oriented) GUUAM
EURASEC 2005
. 2005 5 가
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Khanabad 가
가 가 (Shanghai Cooperation Organization)
EURASEC 가
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Treaty Organization [CSTO]
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가 (CIS)
가
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2006 2 22 3 3 (Duma)
(Agreement between the Russian Federation and the Republic of Tajikistan on Border Cooperation) .[11] (Vladimir Putin) 2004 10 16

(Russian Federal Security Service [FSB]) (Operational Border Guard Group)

¹¹ “Gosduma RF ratifitsirovala soglasheniye s Tadjhikistanom o sotrudnichestve po pogranychym voprosam” (The State Duma of the Russian Federation ratified a cooperation agreement with Tajikistan on border issues), Interfax, February 22, 2006, <<http://www.interfax.ru>>. “Sovet Federatsii ratifitsiroval soglasheniye o sotrudnichestve Rossii i Tadjhikistana v okhrane granitsy s Afganistanom” (The Federation Council ratified a Russian-Tajik agreement on cooperation in guarding the border with Afghanistan), Radio Voice of Russia, March 3, 2006, <<http://www.vor.ru>>.

[: 2003 3 11 , (Federal Border Guard Service) (Border Guard Service of the Russian Federation) (FSB) .] 가
2006
2005 6 가
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CIS 가
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Guard Group)
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¹² “Soglasheniye mezhdru Rossiyskoy Federatsiyey i Respublikoy Tadjhikistan o sotrudnichestve po pogranychym voprosam (Dushanbe, 16 oktyabrya 2004 g.)” (Agreement between the Russian Federation and the Republic of Tajikistan on cooperation on border issues (Dushanbe, October 16, 2004)), Government of the Russian Federation website, <<http://npagov.garweb.ru:8080/public/default.asp?no=1056664>>.
¹³ “Ratifitsirovano soglasheniye o pogransotrudnichestve s Tadjhikistanom” (An agreement on border cooperation with Tajikistan has been ratified), Rosbalt news agency, February 22, 2006, <<http://www.rosbalt.ru>>. “Gosduma ratifitsirovala rossiysko-tadjhikkoye soglasheniye po prigranichnomu sotrudnichestvu” (The State Duma ratified a Russian-Tajik agreement on border cooperation), REGNUM news agency, February 22, 2006, <<http://www.regnum.ru>>.
¹⁴ Galina Gridneva, Valeriy Zhukov, “Parlament Tadjhikistana ratifitsiroval ryad mezhpravitelstvennykh rossiysko-tadjhikskikh dokumentov” (Tajikistan’s parliament ratified a number of intergovernmental Russian-Tajik agreements), ITAR-TASS, January 19, 2005; inIntegrum Techno, <<http://www.integrum.com>>.

2006 2 1 , (Askar Shakirov) 가
(Customs Control
Committee [CCC])
(Berdibek Saparbayev) (前)
1956 , M.
1992
(Ambassador
at Large)
.[15]

2006 1 11 (Islam
Karimov) (State Customs
Committee [SCC])
(Sodirkhon Nasyrov)
SCC (前)
.[16]

2006 1 2
2006 1 23 ,
200,000 (230,000)
(vibration test system)
St. (Volker St.) 65
(Peter Paul K.)
가
가
가

¹⁵ "Premyer-Ministr RK predstavil novogo predsedatelya Komiteta tamozhennogo kontrolya Minfina" (The Kazakhstani Prime Minister presented a new chairman of the Customs Control Committee under the Ministry of Finance), Kazinform news agency, February 1, 2006, <<http://www.inform.kz>>. "Glava pravitelstva RK predstavil novogo predsedatelya Komiteta tamozhennogo kontrolya Minfina" (Head of the Kazakhstani government presented a new chairman of the Customs Control Committee under the Ministry of Finance), Kazakhstan today news agency, February 1, 2006, <<http://www.gazeta.kz>>. "Eks-glava KTK Minfina Saparbayev naznachen zamestitelem rukovoditelya kantselyarii premyerministra RK" (Ex-chief of the CCC under the Ministry of Finance was appointed deputy head of the Kazakhstani Prime Minister's office), Kazakhstan today news agency, February 1, 2006, <<http://www.gazeta.kz>>.
¹⁶ Edict of the President of the Republic of Uzbekistan, "Ob utverzhdenii Nasyrova S.Kh. predsedatelem Gosudarstvennogo tamozhennogo komiteta Respubliki Uzbekistan" (On the appointment of S.Kh. Nasyrov chairman of the State Customs Committee of the Republic of Uzbekistan), President of Uzbekistan Press Service website, January 11, 2006, <<http://www.pressservice.uz/ru/gsection.scm?groupId=4347&contentId=16657>>.

(Shahab) (medium-range ballistic
missiles [MRBM]) [17]
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(flight
worthy)
(Missile Technology Control Regime
[MTCR]) II (Category II Technologies)
MTCR II
가가

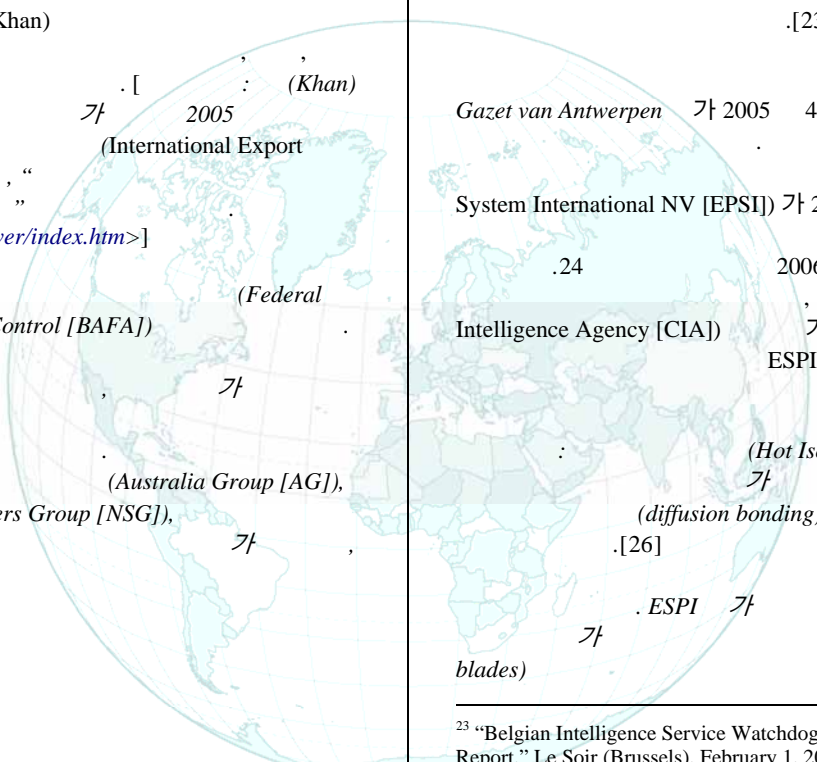
(WMD) II
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760kg II
-3
2006 2 23 , 12
Ariane IV space launch rocket
59 41
MTCR
P.
가
.[18]

2 23
(conventional
weaponry)
가
.[19]

¹⁷ Louis Charbonneau, "Germans, Russian Aid Iran Arms Programme-Officials," Reuters, February 8, 2006, <<http://www.alertnet.org>>. Associated Press, "German Spy Charges 'On IranArms'," CNN, February 3, 2006, <<http://www.cnn.com>>.
¹⁸ Louis Charbonneau, "Germany Holds 2 Men Suspected of Buying Arms For Iran," Reuters, February 25, 2006, <<http://www.alertnet.org>>.
¹⁹ Louis Charbonneau, "Germany Holds 2 Men Suspected of Buying Arms For Iran," Reuters, February 25, 2006, <<http://www.alertnet.org>>.

[20] 가가
 EU 가 가
 (WMD),
 2006 1 4
 Guardian 가
 (think tank),
 (A.Q. Khan)
 [21] 가
 12 /2006 1
 Control Observer) 14~18
 <<http://cns.miis.edu/pubs/observer/index.htm>>
 Office of Economy and Export Control [BAFA]
 (BAFA)
 가
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 (MTCR),
 (Nuclear Suppliers Group [NSG]),
 (Wassenaar Group [WG])
 EU
 [22] 가
 (International Export Control Observer)
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 (A.Q. Khan)
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 (Koenraad Dassen)
 2004 isostatic press) (hot
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 (Dassen)
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 [23] 가
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 Gazet van Antwerpen 가 2005 4 5
 NV (Engineering Pressure
 System International NV [EPSI]) 가 2004 11
 .24 2006 1 31
 Intelligence Agency [CIA]) 가 2004 7
 ESPI
 [25] 가
 (Hot Isostatic Presses [HIPs])
 가
 (diffusion bonding),
 [26] 가
 ESPI 가
 가 (turbine
 blades)



²⁰ "German Police Crack Alleged Missile Spy Ring," Deutsche Welle, February 24, 2006, <<http://www.dw-world.de>>.
²¹ Ian Traynor and Ian Cobain, "Weapons Proliferation: Intelligence Report Claims Nuclear Market Thriving; European Firms Warned They Are Main Target of Illicit Trade in Weapons Parts," The Guardian, January 4, 2006; in Lexis-Nexis Academic Universe, <<http://www.lexis-nexis.com>>.
²² "Task - Export Control," Federal Office of Economy and Export Control (BAFA) website, <http://www.bafa.de/1/en/tasks/01_control.htm>.

²³ "Belgian Intelligence Service Watchdog Body Releases Iran Export Report," Le Soir (Brussels), February 1, 2006; in FBIS Document EUP20060201024003 .
²⁴ "Gedeclasseerd Verslag Van Het Onderzoek Naar De Wijze Waarop De Firma EPSI Eventueel Door De Inlichtingendiensten Werd Gevolgd In Het Kader Van De Strijd Tegen De Proliferatie" (Declassified Report on the Investigation of the Manner in which the Intelligence Services Investigated the Firm EPSI for Reasons relating to Nonproliferation Efforts), January 31, 2006, Belgian Senate website, <<http://www.senate.be/foto/20060131-comite-I-R/rapport-nl.pdf>>; also available in French <<http://www.senate.be/foto/20060131-comite-I-R/rapportfr.pdf>>. "Een gebrek aan efficiëntie"; Chronologie ontslag Koen Dassen leest als politieke thriller" ('A lack of efficiency'; Chronology of Koen Dassen resignation reads like political thriller), Het Nieuwsblad, February 1, 2006; in Lexis-Nexis Academic Universe, <<http://www.lexis-nexis.com>>.
²⁵ "Een gebrek aan efficiëntie"; Chronologie ontslag Koen Dassen leest als politieke thriller" ('A lack of efficiency'; Chronology of Koen Dassen resignation reads like political thriller), Het Nieuwsblad, February 1, 2006; in Lexis-Nexis Academic Universe, <<http://www.lexis-nexis.com>>.
²⁶ Frank V. Pabian, "South Africa's Nuclear Weapon Program: Lessons for U.S. Nonproliferation Policy," Nonproliferation Review, Fall 1995, pp. 12-13, <<http://cns.miis.edu/pubs/npr/pdfs/pabian31.pdf>>.

가 . [27]

(Anne-Marie Lizin) , 가

가 “ ” . [28]

가 (NSG) (MTCR) EU chamber cavity 가 . EPISI 가

152mm 가

(Catch-All) (WMD) 가 . [29]

[: 가 가

가 MTCR (500Kg) (6 : 69MPa) chamber cavity MTCR

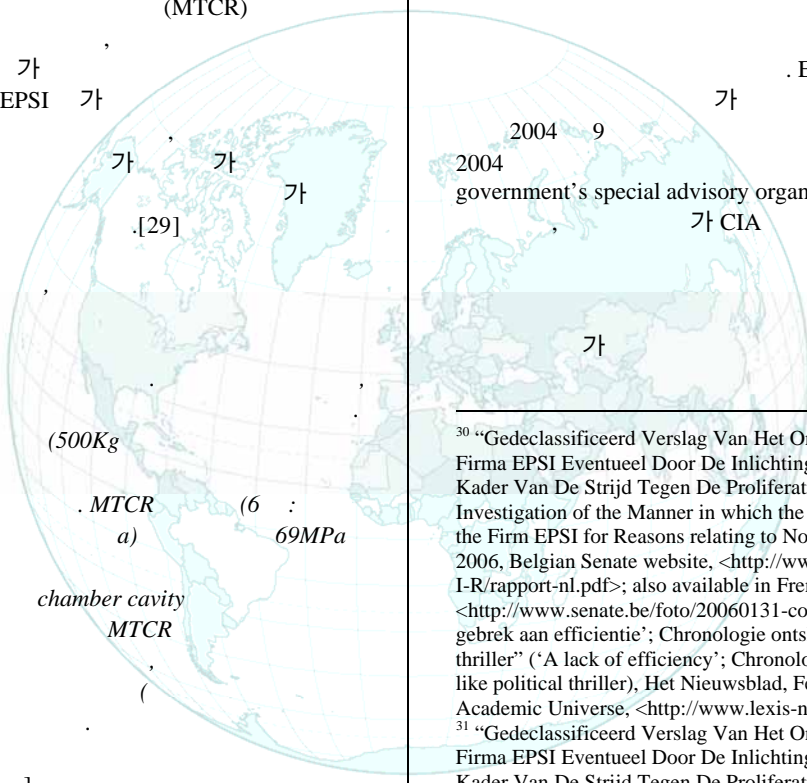
가 300Km)

6.B.3) ; b) 600oC ; c) 254mm

가

MTCR)

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2004 7 15 CIA EPISI “ ” . CIA

가 . [30] (Dassen) CIA , CIA “ ” . [31]

가 . EPISI

2004 9 9 6 (Belgian government’s special advisory organ on nonproliferation issues) 가 CIA

CIA . [32]

²⁷ “‘Een gebrek aan efficiëntie’; Chronologie ontslag Koen Dassen leest als politieke thriller” (‘A lack of efficiency’; Chronology of Koen Dassen resignation reads like political thriller), Het Nieuwsblad, February 1, 2006; in Lexis-Nexis Academic Universe, <<http://www.lexis-nexis.com>>.

²⁸ “Belgian Security Chief Resigns over Suspect Iran Export” AFP, January 31, 2006; in FBIS Document EUP20060131101001.

²⁹ “Gedeclassificeerd Verslag Van Het Onderzoek Naar De Wijze Waarop De Firma EPISI Eventueel Door De Inlichtingendiensten Werd Gevolgd In Het Kader Van De Strijd Tegen De Proliferatie” (Declassified Report on the Investigation of the Manner in which the Intelligence Services Investigated the Firm EPISI for Reasons relating to Nonproliferation Efforts), January 31, 2006, Belgian Senate website, <<http://www.senate.be/foto/20060131-comite-I-R/rapport-nl.pdf>>; also available in French <<http://www.senate.be/foto/20060131-comite-I-R/rapportfr.pdf>>.

³⁰ “Gedeclassificeerd Verslag Van Het Onderzoek Naar De Wijze Waarop De Firma EPISI Eventueel Door De Inlichtingendiensten Werd Gevolgd In Het Kader Van De Strijd Tegen De Proliferatie” (Declassified Report on the Investigation of the Manner in which the Intelligence Services Investigated the Firm EPISI for Reasons relating to Nonproliferation Efforts), January 31, 2006, Belgian Senate website, <<http://www.senate.be/foto/20060131-comite-I-R/rapport-nl.pdf>>; also available in French <<http://www.senate.be/foto/20060131-comite-I-R/rapportfr.pdf>>. “‘Een gebrek aan efficiëntie’; Chronologie ontslag Koen Dassen leest als politieke thriller” (‘A lack of efficiency’; Chronology of Koen Dassen resignation reads like political thriller), Het Nieuwsblad, February 1, 2006; in Lexis-Nexis Academic Universe, <<http://www.lexis-nexis.com>>.

³¹ “Gedeclassificeerd Verslag Van Het Onderzoek Naar De Wijze Waarop De Firma EPISI Eventueel Door De Inlichtingendiensten Werd Gevolgd In Het Kader Van De Strijd Tegen De Proliferatie” (Declassified Report on the Investigation of the Manner in which the Intelligence Services Investigated the Firm EPISI for Reasons relating to Nonproliferation Efforts), January 31, 2006, Belgian Senate website, <<http://www.senate.be/foto/20060131-comite-I-R/rapport-nl.pdf>>; also available in French <<http://www.senate.be/foto/20060131-comite-I-R/rapportfr.pdf>>.

³² “Gedeclassificeerd Verslag Van Het Onderzoek Naar De Wijze Waarop De Firma EPISI Eventueel Door De Inlichtingendiensten Werd Gevolgd In Het Kader Van De Strijd Tegen De Proliferatie” (Declassified Report on the Investigation of the Manner in which the Intelligence Services Investigated the Firm EPISI for Reasons relating to Nonproliferation Efforts), January 31, 2006, Belgian Senate website, <<http://www.senate.be/foto/20060131-comite-I-R/rapport-nl.pdf>>; also available in French <<http://www.senate.be/foto/20060131-comite-I-R/rapportfr.pdf>>. “‘Een gebrek aan efficiëntie’; Chronologie ontslag Koen Dassen leest als politieke thriller” (‘A lack of efficiency’; Chronology of Koen Dassen resignation reads like political thriller), Het Nieuwsblad, February 1, 2006; in Lexis-Nexis Academic Universe, <<http://www.lexis-nexis.com>>.

3 2004 9 28 , CANVEK/CANPAN
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³³ “Gedeclassificeerd Verslag Van Het Onderzoek Naar De Wijze Waarop De Firma EPSI Eventueel Door De Inlichtingendiensten Werd Gevolgd In Het Kader Van De Strijd Tegen De Proliferatie” (Declassified Report on the Investigation of the Manner in which the Intelligence Services Investigated the Firm EPSI for Reasons relating to Nonproliferation Efforts), January 31, 2006, Belgian Senate website, <<http://www.senate.be/foto/20060131-comite-I-R/rapport-nl.pdf>>; also available in French <<http://www.senate.be/foto/20060131-comite-I-R/rapportfr.pdf>>.
³⁴ “Gedeclassificeerd Verslag Van Het Onderzoek Naar De Wijze Waarop De Firma EPSI Eventueel Door De Inlichtingendiensten Werd Gevolgd In Het Kader Van De Strijd Tegen De Proliferatie” (Declassified Report on the Investigation of the Manner in which the Intelligence Services Investigated the Firm EPSI for Reasons relating to Nonproliferation Efforts), January 31, 2006, Belgian Senate website, <<http://www.senate.be/foto/20060131-comite-I-R/rapport-nl.pdf>>; also available in French <<http://www.senate.be/foto/20060131-comite-I-R/rapportfr.pdf>>. “‘Een gebrek aan efficiëntie’; Chronologie ontslag Koen Dassen leest als politieke thriller” (‘A lack of efficiency’; Chronology of Koen Dassen resignation reads like political thriller), Het Nieuwsblad, February 1, 2006; in Lexis-Nexis Academic Universe, <<http://www.lexis-nexis.com>>.

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³⁵ “Gedeclassificeerd Verslag Van Het Onderzoek Naar De Wijze Waarop De Firma EPSI Eventueel Door De Inlichtingendiensten Werd Gevolgd In Het Kader Van De Strijd Tegen De Proliferatie” (Declassified Report on the Investigation of the Manner in which the Intelligence Services Investigated the Firm EPSI for Reasons relating to Nonproliferation Efforts), January 31, 2006, Belgian Senate website, <<http://www.senate.be/foto/20060131-comite-I-R/rapport-nl.pdf>>; also available in French <<http://www.senate.be/foto/20060131-comite-I-R/rapportfr.pdf>>.
³⁶ “Centraal in de storm: EPSI” (At the center of the storm: EPSI), Het Nieuwsblad, February 1, 2006; in Lexis-Nexis Academic Universe, <<http://www.lexis-nexis.com>>.
³⁷ “De pers van Epsi is ongeschikt voor nucleair gebruik, verzekert bedrijfsleider Pierre Colman” (EPSI-made press unsuitable for nuclear use, assures company manager Pierre Colman), De Standaard, February 1, 2006; in Lexis-Nexis Academic Universe, <<http://www.lexis-nexis.com>>.
³⁸ “Belgian Firm Denies Allegations It Exported Dual-Use Isostatic Presses to Iran,” Le Soir (Brussels), April 29, 2005, in FBIS Document EUP20050429024002.
³⁹ “Gedeclassificeerd Verslag Van Het Onderzoek Naar De Wijze Waarop De Firma EPSI Eventueel Door De Inlichtingendiensten Werd Gevolgd In Het Kader Van De Strijd Tegen De Proliferatie” (Declassified Report on the Investigation of the Manner in which the Intelligence Services Investigated the Firm EPSI for Reasons relating to Nonproliferation Efforts), January 31, 2006, Belgian Senate website, <<http://www.senate.be/foto/20060131-comite-I-R/rapport-nl.pdf>>; also available in French <<http://www.senate.be/foto/20060131-comite-I-R/rapportfr.pdf>>. “‘Een gebrek aan efficiëntie’; Chronologie ontslag Koen Dassen leest als politieke thriller” (‘A lack of efficiency’; Chronology of Koen Dassen resignation reads like political thriller), Het Nieuwsblad, February 1, 2006; in Lexis-Nexis Academic Universe, <<http://www.lexis-nexis.com>>.

30 (CIA)

2004 7 , 2004 9

[40]

2006 1

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(Didier Reynders)

2006 2 7

가

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[41]

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[42]

: EP
(Temse)
(high-pressure engineering)

[43]

가

heavy aluminum

2005 12 ,
3,233kg

heavy aluminum alloy
(Gurbulak) [44]

(Ebrahim Akpinar)
(Lombrardia)

⁴⁰ “Gedeclassificeerd Verslag Van Het Onderzoek Naar De Wijze Waarop De Firma EP
Eventueel Door De Inlichtingendiensten Werd Gevolgd In Het Kader Van De Strijd Tegen De Proliferatie” (Declassified Report on the Investigation of the Manner in which the Intelligence Services Investigated the Firm EP for Reasons relating to Nonproliferation Efforts), January 31, 2006, Belgian Senate website, <<http://www.senate.be/foto/20060131-comite-I-R/rapport-nl.pdf>>; also available in French <<http://www.senate.be/foto/20060131-comite-I-R/rapportfr.pdf>>.

⁴¹ Christophe Schoune, “Customs ‘Inadequately’ Informed Belgian Minister Answers Questions on Customs’ Role in Iran Export,” February 8, 2006; in FBIS Document EUP20060208024002.

⁴² Jean-Pierre Borloo and Christophe Schoune, “Koen Dassen Falls over Irangate.Major Malfunction at the Heart of State Security,” Le Soir (Brussels), February 1, 2006; in FBIS Document EUP20060201024003.

⁴³ Engineered Pressure Systems Inc. (EPSI) website, <<http://www.epsi-highpressure.com/en/main.html>>.

⁴⁴ “Nuclear: Turkey Seizes Iran-Bound Italian Aluminum,” Adnkronos International (Rome), February 15, 2006, <<http://www.adnki.com>>.

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(National Intelligence Organization [MIT]) (CIA) [45]

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⁴⁵ “Nuclear: Turkey Seizes Iran-Bound Italian Aluminum,” Adnkronos International (Rome), February 15, 2006, <<http://www.adnki.com>>. “CIA-MIT Said Seize Italian Containers Destined for Iranian Nuclear Project,” Milliyet (Istanbul), February 10, 2006; in OSC Document GMP20060210017006.

⁴⁶ “CIA-MIT Said Seize Italian Containers Destined for Iranian Nuclear Project,” Milliyet (Istanbul), February 10, 2006; in OSC Document GMP20060210017006. “Turkish Minister Confirms Interception of Truck Carrying Dual-Use Goods to Iran,” Ankara Anatolia (Ankara), February 10, 2006; in OSC Document GMP20060210617012.

⁴⁷ “CIA-MIT Said Seize Italian Containers Destined for Iranian Nuclear Project,” Milliyet (Istanbul), February 10, 2006; in OSC Document GMP20060210017006.

[48] 가 3 ()
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⁴⁸ “Illegal Export of Unmanned Helicopters to China Reveals Gaps in Export Control Awareness in Japan,” International Export Control Observer, February 2006, pp. 4-5, <<http://cns.miis.edu/pubs/observer/index.htm>>. “Police Raid Manufacturer over Exports that Can Be Used to Develop Nukes,” Asahi Shimbun, February 13, 2006; in OSC Document JPP20060213969017. “Japanese Police Raid Mitutoyo over Alleged Illegal Exports to PRC, Thailand,” Kyodo News Service, February 13, 2006; in OSC Document JPP20060213969008. “Police to Search Firm for Export of Nuclear-Related Device to PRC, Thailand,” Jiji Press, February 11, 2006; in OSC Document JPP20060212023001.
⁴⁹ “Illegal Export of Unmanned Helicopters to China Reveals Gaps in Export Control Awareness in Japan,” International Export Control Observer, February 2006, pp. 4-5, <<http://cns.miis.edu/pubs/observer/index.htm>>. “Police Raid Manufacturer over Exports that Can Be Used to Develop Nukes,” Asahi Shimbun, February 13, 2006; in OSC Document JPP20060213969017. “Japanese Police Raid Mitutoyo over Alleged Illegal Exports to PRC, Thailand,” Kyodo News Service, February 13, 2006; in OSC Document JPP20060213969008. “Police to Search Firm for Export of Nuclear-Related Device to PRC, Thailand,” Jiji Press, February 11, 2006; in OSC Document JPP20060212023001.
⁵⁰ “FM Spokesman: China Has No Connection with Japanese Firm’s Nuclear-Related Export,” Xinhua News Service, February 14, 2006; in Lexis-Nexis Academic Universe, <<http://www.lexis-nexis.com>>. “Sensitive Equipment Exports by Japanese Firm Not Linked to China,” Xinhua News Service, February 14, 2006; in OSC Document CPP20060214045007.
⁵¹ “Thailand to Work with Japan, IAEA on Charges of Nuclear Technology Exports,” Agence France-Presse, February 14, 2006; in OSC Document JPP20060214058011.
⁵² “Nuke Trail Traced to M’sia, Pakistan, Libya,” The Daily Yomiuri, February 15, 2006; in Asia News Network, <<http://www.asianewsnet.net>>. “Mitutoyo Suspected of Evading Rules on Nuke-Tied Exports,” Asahi Shimbun, February 16, 2006; in Lexis-Nexis Academic Universe, <<http://www.lexis-nexis.com>>.

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⁵³ “Illegal Export of Unmanned Helicopters to China Reveals Gaps in Export Control Awareness in Japan,” International Export Control Observer, February 2006, pp. 4-5, <<http://cns.miis.edu/pubs/observer/index.htm>>. “Nuke Trail Traced to M’sia, Pakistan, Libya,” The Daily Yomiuri, February 15, 2006; in Asia News Network, <<http://www.asianewsnet.net>>. “Mitutoyo Suspected of Evading Rules on Nuke-Tied Exports,” Asahi Shimbun, February 16, 2006; in Lexis-Nexis Academic Universe, <<http://www.lexis-nexis.com>>. “Article Highlights Link Between Nuclear Black Market, Japanese Corporations,” Sankei Shimbun, February 14, 2006; in OSC Document JPP20060215034001.
⁵⁴ “Mitutoyo Suspected of Evading Rules on Nuke-Tied Exports,” Asahi Shimbun, February 16, 2006; in Lexis-Nexis Academic Universe, <<http://www.lexis-nexis.com>>.
⁵⁵ “Trader Allegedly Sold Biological Arms-Linked Device to N. Korea,” Kyodo News Service, February 17, 2006; in OSC Document JPP20060217969028. “Japan Firms Raided for Selling Dryer with Weapon Potential to N. Korea,” Agence France Press, February 17, 2006; in Lexis-Nexis Academic Universe, <<http://www.lexis-nexis.com>>. “Japanese Police Raid Trading Firms Suspected of Weapons-Related Exports to N. Korea,” Voice of America News, February 17, 2006; in Lexis-Nexis Academic Universe, <<http://www.lexis-nexis.com>>.
⁵⁶ “Trader Allegedly Sold Biological Arms-Linked Device to N. Korea,” Kyodo News Service, February 17, 2006; in OSC Document JPP20060217969028. “Japan Firms Raided for Selling Dryer with Weapon Potential to N. Korea,” Agence France Press, February 17, 2006; in Lexis-Nexis Academic Universe, <<http://www.lexis-nexis.com>>. “Japanese Police Raid Trading Firms Suspected of Weapons-Related Exports to N. Korea,” Voice of America News, February 17, 2006; in Lexis-Nexis Academic Universe, <<http://www.lexis-nexis.com>>.

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“ ” (Ko-Suen Bill Moo) (Ko-Suen Bill Mu) 2005 11 2006 2 9 , Serge Voros) (Moo) (Maurice (Voros) 가 가 50 35 .[58]

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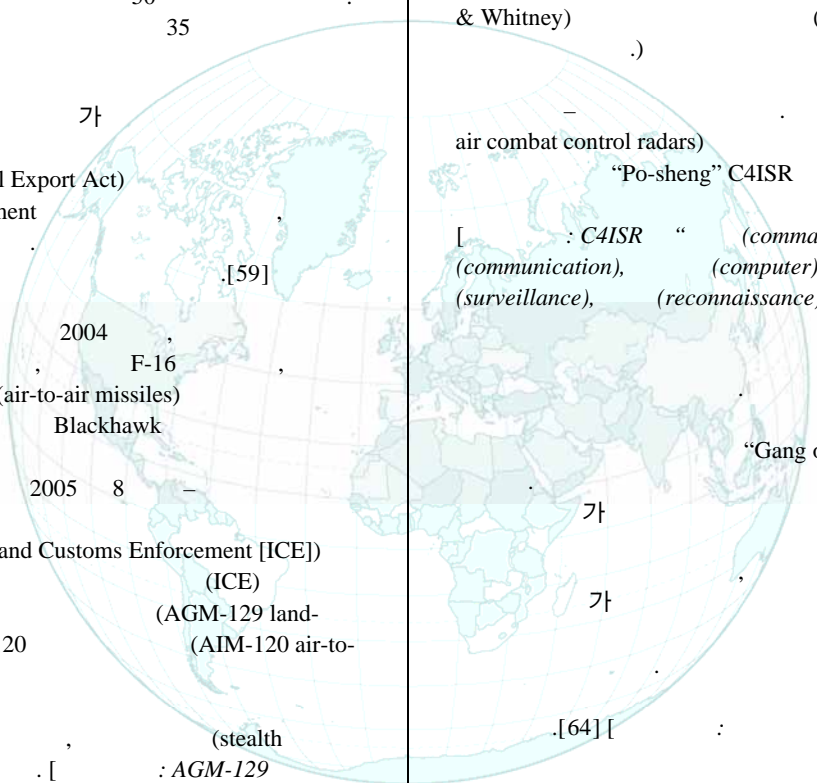
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[: C4ISR “ (command), (control), (communication), (computer), (information), (surveillance), (reconnaissance)” .]

10 “Gang of Four” .[63]

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⁵⁷ “Biological Weapons Overview,” North Korea Profile, Nuclear Threat Initiative webpage, <http://www.nti.org/e_research/profiles/NK/Biological/index.html>. According to the CIA, North Korea has pursued BW capabilities since as early as the 1960s. For more information, see Unclassified Report to Congress on the Acquisition of Technology Relating to Weapons of Mass Destruction and Advanced Conventional Munitions. Attachment A, 1 July through 31 December 2003, DCI Weapons Intelligence, Nonproliferation, and Arms Control Center (WINPAC), pp. 5-6, <http://www.cia.gov/cia/reports/721_reports/pdfs/721report_july_dec2003.pdf>.

⁵⁸ Curt Anderson, “2 Charged in Alleged Plot to Ship Engines, Missiles to China,” The Ledger, February 9, 2006, <<http://www.theledger.com>>. “M.i Guo Zh. K.ng Y. Tai W.n Ren He Y. F. G.o Ren Xiang Zh.ng Guo F.i F. Ch. Shou J.n H.o” (America charges a Taiwanese and Frenchman with the illegal sale of weapons to China,) Radio Free Asia News, February 10, 2006, <<http://www.rfa.org>>.

⁵⁹ Michael Christie and Paul Eckert, “U.S. Charges Taiwanese over China Jet, Missile Deal,” Reuters, February 9, 2006, <<http://go.reuters.com/>>.

⁶⁰ Curt Anderson, “2 Charged in Alleged Plot to Ship Engines, Missiles to China,” The Ledger, February 9, 2006, <<http://www.theledger.com>>.

⁶¹ Curt Anderson, “2 Charged in Alleged Plot to Ship Engines, Missiles to China,” The Ledger, February 9, 2006, <<http://www.theledger.com>>.

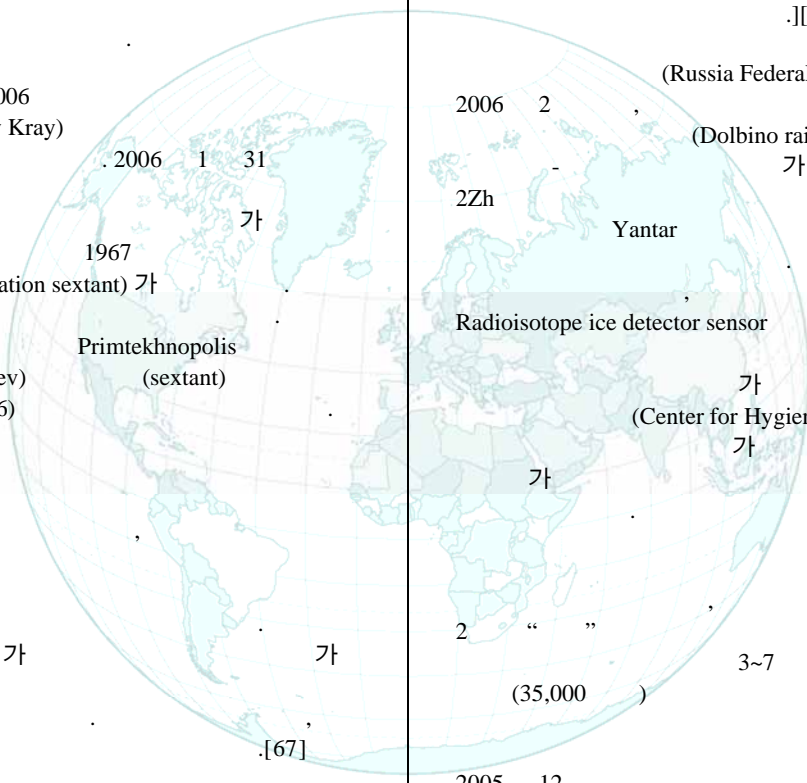
⁶² “Lockheed Martin Taiwan Agent Bill Mu Indicted in US for Smuggling Arms to China,” Lien-Ho Pao, January 18, 2006; in FBIS Document CPP20060125310001.

⁶³ “Lockheed Martin Taiwan Agent Bill Mu Indicted in US for Smuggling Arms to China,” Lien-Ho Pao, January 18, 2006; in FBIS Document CPP20060125310001. “Arrested Arms Dealer Connected with Taiwan Air Force,” Lien-Ho Pao, January 18, 2006; in FBIS Document CPP20060125310002.

⁶⁴ “Lockheed Martin Taiwan Agent Bill Mu Indicted in US for Smuggling Arms to China,” Lien-Ho Pao, January 18, 2006; in FBIS Document CPP20060125310001. “Arrested Arms Dealer Connected with Taiwan Air Force,” Lien-Ho Pao, January 18, 2006; in FBIS Document CPP20060125310002.

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⁶⁵ “China Rejects Charges on Covert Agents in U.S.,” China View, February 15, 2006, <<http://www.chinaview.cn>>. “China Says U.S. Accusation of Illicit Weapon Imports ‘Groundless’,” AFX News Limited, <<http://www.afxnews.com>>. “Zai B.an1 Wu J. Zh. Tan M.i Guo You W. Mie Zh.ng Guo Pai Jian Die Mai W. Qi Tu”(Talking without Proof: America Falsely Accuses China of Dispatching Spies to Buy Arms), Xinhua News, February 22, 2006, <<http://www.xinhuanet.com>>.
⁶⁶ “Radioaktivnyy morskoy sekstant obnaruzhen v rybnom portu Vladivostoka” (Radioactive sea sextant discovered in fish port of Vladivostok), Vostok Media news agency, January 31, 2006, <<http://www.vostokmedia.com>>.
⁶⁷ “Radiatsionnaya avariya likvidiruyetsya vo Vladivostoke” (A radiation accident is being liquidated in Vladivostok), PrimaMedia news agency, February 21, 2006, <<http://www.primamedia.ru>>. “Radioaktivnyy gruzovik zaderzhan vo Vladivostoke” (A radioactive truck detained in Vladivostok), TVTs television channel, February 21, 2006, <<http://www.tvc.ru>>.

⁶⁸ “Radium,” Wikipedia, the free online encyclopedia, <<http://en.wikipedia.org/wiki/Radium>>. “Radium,” U.S. Environmental Protection Agency, <<http://www.epa.gov/radiation/radionuclides/radium.htm>>.
⁶⁹ “Radioaktivnyy gruz ostanovlen na granitse” (Radioactive cargo stopped at the border), Press Release, Russia’s Federal Customs Service website, February 7, 2006, <<http://www.customs.ru>>.
⁷⁰ The Criminal Code of the Russian Federation, Article 188, “Smuggling,” Chelovek i zakon (Human Being and Law) website, <<http://zakon.kuban.ru/uk96/st/188.shtml>>.

Chemical Combine)

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Weapons [OPCW]) 176
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⁷¹ “Prokuraturuy Chechenskoj Respubliki vobuzhdno ugolovnoye delo po faktu neprinyatiya neobkhodimyykh mer po soblyudeniuy pravil khraneniya radioaktivnykh veshchestv” (The Prosecutor’s Office of the Chechen Republic initiated a criminal case in connection with the failure to take necessary measures to comply with storage rules for radioactive substances), News Release, Russian Federation’s Prosecutor’s Office website, December 15, 2005, <http://genproc.gov.ru/ru/news/news_current.shtml?2005/12/2825.html>.

⁷² Aleksandr Grigoryev, “Posledstviya radiatsionnoy opasnosti v Groznom ne ustraneny do sikh por, schitayut v prokurature Chechni” (Chechnya’s Prosecutor’s Office believes that consequences of the radiation danger in Groznyy have not been eliminated yet), Caucasian Knot website, February 8, 2006, <<http://www.kavkaz.memo.ru>>.

⁷³ “Djibouti Ratifies the Chemical Weapons Convention,” OPCW Press Release, January 31, 2006, OPCW website, <http://www.opcw.org/pressreleases/2006/PR05_2006.html>. “Haiti Ratifies the Chemical Weapons Convention,” OPCW Press Release, February 24, 2006, OPCW website, <http://www.opcw.org/pressreleases/2006/PR09_2006.html>. “Liberia Ratifies the Chemical Weapons Convention,” OPCW Press Release, March 1, 2006, OPCW website, <http://www.opcw.org/pressreleases/2006/PR11_2006.html>.

⁷⁴ Aleksandr Grigoryev, “Posledstviya radiatsionnoy opasnosti v Groznom ne ustraneny do sikh por, schitayut v prokurature Chechni” (Chechnya’s Prosecutor’s Office believes that consequences of the radiation danger in Groznyy have not been eliminated yet), Caucasian Knot website, February 8, 2006, <<http://www.kavkaz.memo.ru>>.

⁷⁴ “Djibouti Ratifies the Chemical Weapons Convention,” OPCW Press Release, January 31, 2006, OPCW website, <http://www.opcw.org/pressreleases/2006/PR05_2006.html>. “Haiti Ratifies the Chemical Weapons Convention,” OPCW Press Release, February 24, 2006, OPCW website, <http://www.opcw.org/pressreleases/2006/PR09_2006.html>. “Liberia

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Ratifies the Chemical Weapons Convention,” OPCW Press Release, March 1, 2006, OPCW website, <http://www.opcw.org/pressreleases/2006/PR11_2006.html>.

⁷⁵ “Djibouti Ratifies the Chemical Weapons Convention,” OPCW Press Release, January 31, 2006, OPCW website, <http://www.opcw.org/pressreleases/2006/PR05_2006.html>.

“Liberia Ratifies the Chemical Weapons Convention,” OPCW Press Release, March 1, 2006, OPCW website, <http://www.opcw.org/pressreleases/2006/PR11_2006.html>.

⁷⁶ “Djibouti Ratifies the Chemical Weapons Convention,” OPCW Press Release, January 31, 2006, OPCW website, <http://www.opcw.org/pressreleases/2006/PR05_2006.html>. “Haiti Ratifies the Chemical Weapons Convention,” OPCW Press Release, February 24, 2006, OPCW website, <http://www.opcw.org/pressreleases/2006/PR09_2006.html>.

“Liberia Ratifies the Chemical Weapons Convention,” OPCW Press Release, March 1, 2006, OPCW website, <http://www.opcw.org/pressreleases/2006/PR11_2006.html>.

⁷⁷ “Djibouti Ratifies the Chemical Weapons Convention,” OPCW Press Release, January 31, 2006, OPCW website, <http://www.opcw.org/pressreleases/2006/PR05_2006.html>.

⁷⁸ “Haiti Ratifies the Chemical Weapons Convention,” OPCW Press Release, February 24, 2006, OPCW website, <http://www.opcw.org/pressreleases/2006/PR09_2006.html>.

⁷⁹ “Haiti Ratifies the Chemical Weapons Convention,” OPCW Press Release, February 24, 2006, OPCW website, <http://www.opcw.org/pressreleases/2006/PR09_2006.html>.

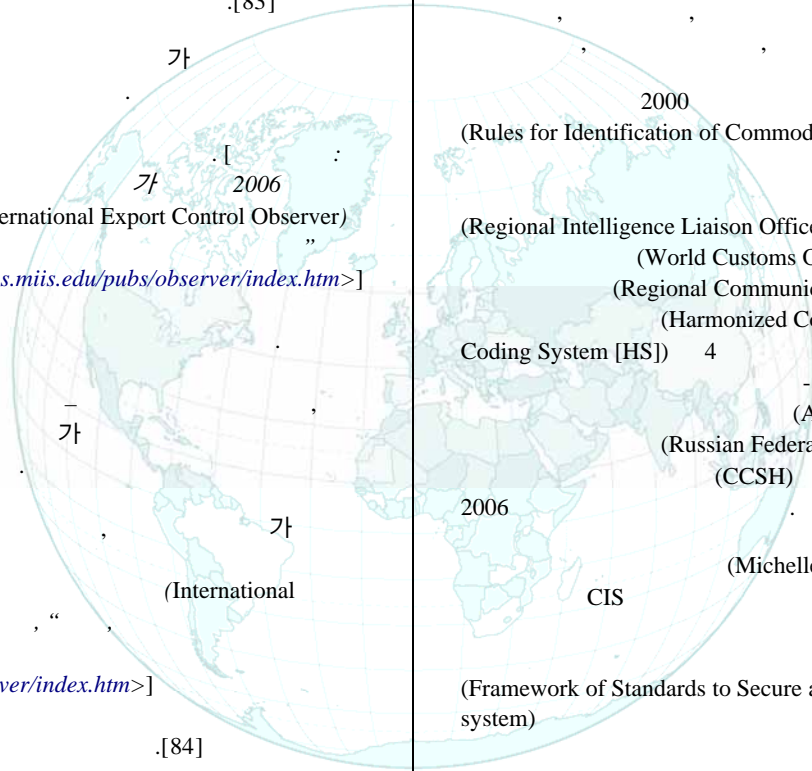
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⁸² “Dai 13 kai ajia yushutsu kanri seminaa” (13th Asian export control seminar), Japanese Ministry of Foreign Affairs, March, 2006, <http://www.mofa.go.jp/mofaj/gaiko/fukaku_j/asia_yu_13.html>.
⁸³ CNS e-mail correspondence with U.S. government official (name withheld by request), March 8, 2006.
⁸⁴ CNS e-mail correspondence with U.S. government official (name withheld by request), March 8, 2006.

⁸⁵ CNS e-mail correspondence with U.S. government official (name withheld by request), March 8, 2006.

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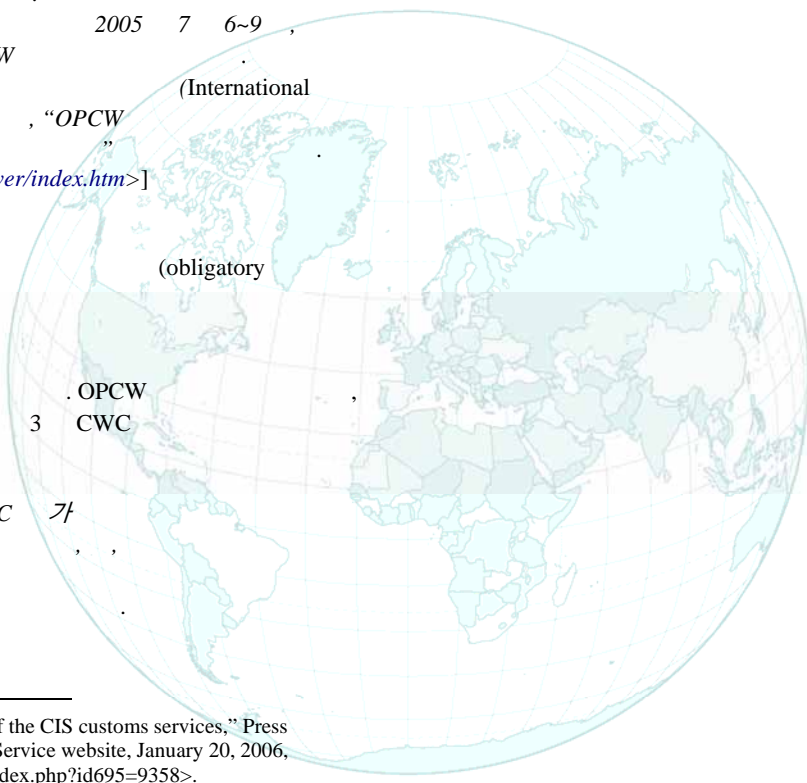
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3 OPCW CWC .[87]

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⁸⁶ "The Council Meeting of Heads of the CIS customs services," Press Release, Russia's Federal Customs Service website, January 20, 2006, <<http://www.customs.ru/en/news/index.php?id695=9358>>.

⁸⁷ "OPCW Conducts Second Chemical Weapons Convention Training for Iraqi Officials," OPCW Press Release, February 15, 2006, OPCW website, <http://www.opcw.org/pressreleases/2006/PR06_2006.html>.

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(Hague Code of Conduct against Ballistic Missile Proliferation [HCOC])

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1540 (UN Security Council Resolution 1540) 가 WMD

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(Convention for the Suppression of Unlawful Acts Against the Safety of Maritime Navigation [SUA])
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(SUA Protocols) WMD

가 WMD 가

가 WMD 가

(1987 Intermediate Nuclear Force Treaty)
500~5500 km
(ground based missile system)
가

MTCR

1987

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1990 (MTCR) MTCR

2003 “ (catch-all)” MTCR

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MTCR

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MTCR

가 WMD 가

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가 WMD 가

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(Dissuading)

가 WMD 가

20 MTCR 가 300 km

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가 160

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가 WMD 가

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(liquid propellant), ballistic missiles)

(short-range)

(Dennis Gormley) 가 (CNS)

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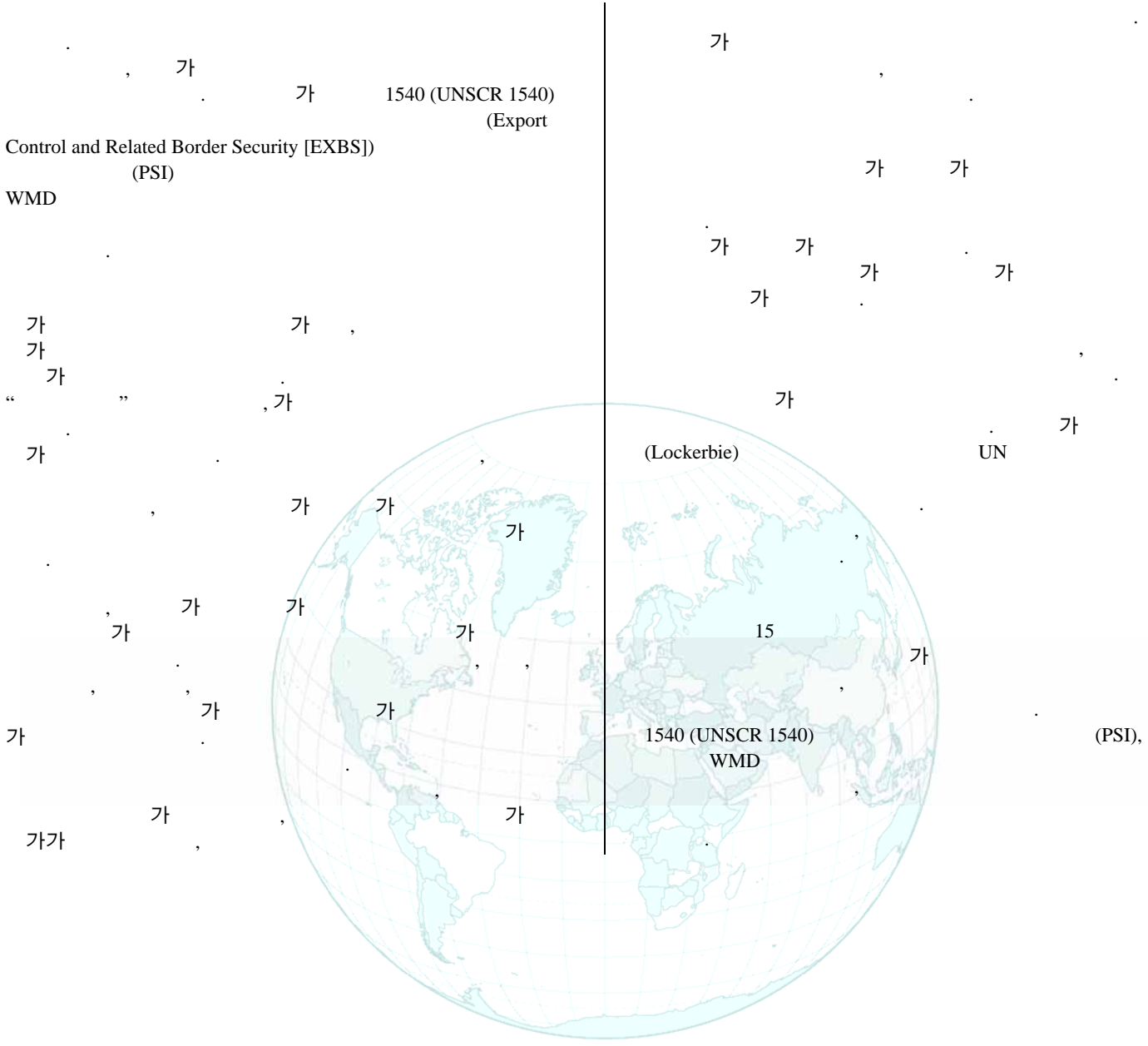
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