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1. Military Policy: Defence Legislation

20.09.10. The Supreme Council of Ukraine approved the bills "On Amendments to the Law of Ukraine "On State Control of International Transfers of Military Articles and Dual-Purpose Articles" and "On Amendments to the Law of Ukraine "On Government Defence Contracts".

Comment: *The first bill amends the effective law in order to solve problems associated with practical application of this law to the export control sector as well as in order to improve state export control procedures and bring them closer to those adopted by European countries.*

The second bill establishes general legal principles applied to planning and development of defence contracts. By the adopted propositions, if purchase of produce, work and services under a defence contract is a matter of state secret, then produce, work and services will be purchased from enterprises registered as providers of defence produce, work and services whose purchase is a matter of state secret, without any competitive procedures. The list of such providers will be populated and managed according to procedures established by the Cabinet of Ministers of Ukraine.

2. Combat Training: Missile Explosion on the Amphibious Ship Kirovograd

17.09.10. An unauthorized launch of two missiles took place onboard the medium amphibious ship *Kirovograd* during the tactical exercise COORDINATION 2010. The launch caused an explosion and a fire inside the ship.

Comment: *The fire was localized and put out by the crew. Casualties include four sailors from Kirovograd's rescue team. The casualties were given first aid and evacuated to medical facilities.*

The medium amphibious ship Kirovograd (Project 773, before 10 January 1996 – "SDK-137") was laid at the Northern Dockyard in Gdansk (Poland) on 21 April 1970. She was launched on 31 December 1970. The acceptance certificate signed on 31 May 1971 after which the ship was adopted by the Black Sea Fleet. Upon division of the Black Sea Fleet, the ship was left to Ukraine. In 2001, she underwent a mid-life repair. In the end of 2008 the ship underwent routine repairs.

The ship's displacement is 1120/1250 tons. Length – 81,3m. Beam – 9,3m. Draft – 3,6m. Capacity – up to 250 tons of equipment and cargo, 200 personnel, and 6 tanks. Armament - 2x2 30mm artillery systems AK-230, 2x18 140mm WM-18-type launchers NURS, 2x4 antiaircraft missile launchers "Strela-3" (ammunition load 32 antiaircraft guided missiles). Speed – 18 knots, Range - 3000 NM at 12 knots. Complement – 5 officers and 36 sailors.

3. Combat Training: Antiaircraft Missile Systems Live Firing

23.09.10. In the course of the exercise COORDINATION-2010 in Chauda Training Area (Crimea), military personnel fired antiaircraft missile systems "Buk-M1" and C-300.

Comment: *This is the first time since 2003 that C-300 live firing has been done as part of collective training. Up until now there have only been single missile launches, including experimental ones in 2007. Almost 70% of antiaircraft missile troops of the Ukrainian Air Force were involved in the exercise. It has also been the second time since 2008 that cadets in their last year at the Antiaircraft Missile Department of the Kharkiv Air Force University have been involved in the live firing exercise.*

It will be recalled that over 70 million UAH have been appropriated for the exercise series COORDINATION 2010 which is currently under way in 14 Army and Navy training areas all over Ukraine.

4. International Exercises: SEA BREEZE 2011

23.09.10. A Planning Conference of the Ukraine-US Naval Exercise SEA BREEZE 2011 took place in the Italian city of Naples.

Comment: *The key aim of the conference was to develop a draft of the Exercise Specification that ensured coordination and interoperability between components in a multinational operation.*

Conference participants decided upon locations for the upcoming military exercise, identified participating nations, the composition of forces as well as terms and conditions of their sustainment.

5. International Cooperation: Personnel Policy Concept in the Ukrainian Armed Forces

20.09.10. A foreign expert team started its work in the Ukrainian Air Force Command in Vinnitsa. The team's mission is to coordinate implementation of the Personnel Policy Concept in the Ukrainian Armed Forces.

Comment: *The aim of the visit was to learn more about the actual ongoing development of the personnel management system, practical steps taken to manage servicemen careers. The team also intended to discuss the outcome of manning after the new personnel management system as well as exchange experience in the aforementioned areas. The team is composed of one French, one German and one US officers.*

In the course of their visit, foreign experts learnt more about the Air Force Personnel Centre. Centres like this were established in all the three Services in 2008. An expert team works in one of these Centres each year. Personnel Centres are designed to change the Personnel Policy Concept in the Services.

6. International Cooperation: Romanian Chief of Defence Visiting Ukraine

21.09.10. A Romanian military delegation headed by the Chief of Defence, Admiral George Marin, arrived in Ukraine.

Comment: *In the course of negotiations, the sides identified areas for future bilateral military cooperation and discussed military aspects of regional security.*

Members of the Romanian military delegation visited the National Defence University of Ukraine where they were briefed on the education and training system adopted by the University. They also saw the Simulation Centre operating as part of the University.

Speaking about future promising areas of military cooperation between Ukraine and Romania, the two delegations flagged up the possibility of border cooperation at the brigade and corps level as well as joint naval peacekeeping and antiterrorist exercises.

7. International Cooperation: NATO Expert Team

21.09.10. A team of NATO experts headed by the Head of NATO Defence Policy and Planning Department, Frank Boland, started its work in Ukraine.

Comment: The chief aim of the NATO experts' visit to Ukraine was to consider the Draft Executive Summary on Ukraine's participation in the Planning and Review Process in the framework of the Partnership for Peace initiative.

The NATO expert delegation included representatives of the NATO International Secretariat, the NATO Military HQ, the Allied Command Transformation and the NATO Liaison Office in Ukraine.

In the course of their working sessions, participants considered the ongoing Strategic Defence Review in Ukraine as well as implementation of the Annual National Programme of Ukraine-NATO cooperation for 2010. In addition, they discussed implementation of the State Programme of the Ukrainian Armed Forces Development in 2006-2011.

8. Military Equipment and Defence Industry: Military-Technical Cooperation between Ukraine and Vietnam

20.09.10. Ukraine and Vietnam signed a Military-Technical Cooperation Programme for 2011-2015.

Comment: Bilateral talks were followed by signing of a Protocol with Plan of Ukraine-Vietnam Military-Technical Cooperation for 2011 as Annex A and a 5 years' Ukraine-Vietnam Military-Technical Cooperation Programme for 2011-2015 as Annex B. The Programme was signed by Deputy Minister of Industrial Policy – Head of the Defence Industry Agency, Kostiantyn Kucher and Deputy Minister of National Defence of Vietnam, Lieutenant-General Chion Kiang Khan.

9. Conversion Challenges: Demilitarization of Missile Systems

18.09.10. Demilitarization of missile systems 9K72 "Scud" commenced at the 48th Ammunition Arsenal near the town of Kalinivka in the Vinnitsa region.

Comment: The work is being done by the Ukrainian corporation "Commonwealth" assisted from the US side by experts of "Global Offshore Projects" company that monitors the progress of work.

Upon their demilitarization, elements of the missile system will be moved to domestic enterprises for re-melting and subsequent sale of the metal. The 48th Arsenal plans to dismantle some 200 missiles in five months.

Demilitarization of 9K72 "Scud" is subsidized by the US side that appropriated \$2 million for this purpose. Over 10 000 tons of ammunition have been removed from the arsenal in 2010. The ammunition arsenal is to have been closed down completely by 2015.

On 30 November 2009, the Ukrainian Defence Ministry and the US State Department signed a Memorandum of Understanding on assistance with elimination and demilitarization of missile systems 9K72 ("Scud") as well as constituent equipment, materiel, and rocket fuel components. The missile systems disposal project is to have been implemented by the end of 2015.

See Annex to IAR DN 38/2010 for more information on specifications of 9K72 "Scud" and its missiles.

10. UAF and Society: Radio Engineering Troops Day

16.09.10. The Defence Minister, Mykhailo Yezhel, signed Decree № 490 "On Institution of the Day of Radio Engineering Troops of the Ukrainian Air Force".

Comment: The decision to institute this professional holiday was taken in order to maintain the prestige of military service in radio engineering units.

Radio engineering troops of the Ukrainian Air Force are a key source of air situation data with the mission to provide radio reconnaissance of air targets and warning of troops.

Radio Engineering Troops Day will be observed annually on the 30th of November.

9K72 "Scud" Specifications

№	Characteristic	Parameter
1	Range (km)	50-300
2	Launch weight (kg)	5862
3	Unloaded missile weight (kg)	2076
4	Length (mm)	11164
5	Diameter (mm)	880
6	Stabilizer span (mm)	1810
7	9P117 Launcher Weight with a missile (tons)	37
8	Endurance (km)	500
9	9P117 Crew (persons)	8

Missile Specification

Parameter	8K14	SCUD-B	SCUD-C	SCUD-D
Length (mm)	11164	11250	11250	12290
Diameter (mm)	880-885	885	885	885
Stabilizer span (mm)	1810	1800	1800	1800
Launch weight (kg)	5840-5950	5900	6370	6500
Warhead weight (kg)	987-1016	550-989	600-700	985
Fuel and air weight (kg)	3786			