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Posted by

Topic: 5N37 "Baikal" - an automated air defense grouping control system (Read 4742 times)

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YaryGeneral Moderator
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Posts: 2337

 **5N37 "Baikal" - an automated air defense grouping control system**

: September 11, 2012, 05:28:30 pm"

5N37 "Baikal"

automated air defense grouping control system

PURPOSE, OPPORTUNITIES

The 5N37 Baikal Automated Control System (ACS) is designed for centralized automatic and automated control of combat operations of a mixed-air defense air defense group of a large, medium and short-range anti-aircraft missile systems.

ACS provides:

- reception, processing and display of radar information from several sources, including information from directly connected radars and managed by air defense systems;
- solving the problem of target distribution and target designation of air defense systems and coordination of their military operations.

Managed systems and complexes:

- S-300PS,
- S-300PM,
- S-300PMU-2 "Favorite",
- S-300V,
- S-200V and D,
- S-125,
- S-75M,
- "Buk-M1".

DEVELOPMENT, PRODUCTION

ACS 5N37 "Baikal" is produced by the MOH "Proton".

MODIFICATIONS

- [73N6 "Baikal-1"](#) - a mobile version of the automated control system 5N37 "Baikal".

TECHNICAL DESCRIPTION

The equipment and workplaces of the personnel of the ACS 5N37 Baikal are located in prepared stationary structures, while the composition of the equipment and combat capabilities are somewhat wider than that of the mobile version of the ASU - 73N6 Baikal-1.

The structure of auxiliary equipment ACS 5N37 "Baikal" includes:

- Means of interfacing and communication with the KP group of divisions. Interface cabins are located on the combat positions of the divisions:
 - cabin 53L6 for S-300;
 - Cabin 52L6 for S-200;
 - cab 5F20 for S-75 and S-125.
- communications and data transmission equipment;

- AMU FL-95M "Pine-M" to increase the range of radio communications;
- spare parts.

SPECIFICATIONS

...

SOURCES OF INFORMATION

- 53L6 - a cabin for interaction of ACS 5N37 "Baikal" and 73N6 "Baikal-1" with S-300P air defense system -

[Ganin S.M., Karpenko A.V. - Anti-aircraft missile system S-300, 2001](#)



[S-300 \(39-4\) .jpg](#) (17.44 KB, 298x180 - viewed 755 times.)



[53L6 on 5T58 vadimvsvar.narod.ru.bmp](#) (421.06 KB, 830x173 - viewed 1373 times.)

Last Edit: November 28, 2012, 01:29:18 am from Yary

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Do what you must, and whatever happens ...

Yary
General Moderator
Veteran



Offline
Posts: 2337



Re: 5H37 "Baikal" - an automated air defense grouping control system

" **Answer # 1:** October 23, 2012, 10:11:49 pm"

IMHO, in the photo [Pantry of the Motherland or how the shield of Russia is stored](#) 53L6 cab elements are shown on a 5T58 transport vehicle



[53L6 for interaction between the S-300P and the Baikal automated control system 1.jpg](#) (82.16 KB, 512x680 - viewed 525 times.)



53Л6 for interaction between the S-300P and the Baikal automated control system 2.jpg (96.11 KB, 512x681 - viewed 585 times.)



53Л6 for interaction between the S-300P and the Baikal automated control system 3.jpg (43.85 KB, 512x682 - viewed 514 times.)



53Л6 for interaction between the S-300P and the Baikal automated control system 4.jpg (46.48 KB, 512x682 - viewed 590 times.)

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Do what you must, and whatever happens ...

dimonich

Newbie



Offline

Active Posts 20



Re: 5H37 "Baikal" - an automated air defense grouping control system

" **Answer # 2:** November 26, 2012, 08:52:24 am"

Knowledgeable people clarify these cabs what?



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halmiso
Editor
Participant
☆☆☆☆☆
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Posts: 205



Re: 5N37 "Baikal" - an automated air defense grouping control system

" **Answer # 3:** November 26, 2012, 01:41:02 pm"

Quote: **dimonich** on **November 26, 2012, 08:52:24 am**

Knowledgeable people clarify these cabs what?

These cabins are 5N37 "Baikal" 🙄

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