

Project 2708

**Submitting the First Batch of Air Force Shortwave Integration
Access Network Construction Project**

Date: 2007

07

Secret

PLA Air Force Command
(Request for Approval)

Command
Communication [2007]
No. 107

Signed by Yang Guohai
Reviewed by Zhao
Zhongxin

**Submitting the Air Force's First Batch of
Shortwave Comprehensive Network Connection
Construction Project**

General Staff:

According to the instruction spirit of General Staff Communication [2007] No. 325 "Assign the PLA's 'Eleventh Five-Year' Battlefield Communication Facilities Construction Plan", combined with the combat tasks undertaken by the Air Force, we have conducted a special study on the construction requirements of short-wave communication networks. At present, the short-wave communication stations of the air force of each military region and the important division and brigade-level units along the southeast coast have been renovated, so their level of plane radio communication has been greatly improved and their support capability has been strengthened. In order to adapt to the connection construction of the entire army's shortwave communication network, while building a shortwave comprehensive network connections, the Air Force needs to renovate the

capital's air defense and new aircraft, new equipment, and the shortwave stations of remaining division and brigade-level units along the southeast coast. Therefore, in light of the communication needs from the anti-"Taiwan independence" emergency operations, capital air defense, shortwave comprehensive network connection construction, and new weapon replacement, we plan to construct 48 shortwave comprehensive connection nodes and renovate shortwave communication stations of 37 division and brigade-level units. After the above tasks are completed, the short-wave communication of the emergency combat troops in the southeast coastal direction will be further improved, and the supporting communication support capabilities of the capital air defense and new equipment troops will be further improved.

According to the calculation, the above-mentioned construction projects will require a total construction

expanse of 234.6908 million yuan. We apply for special funds from the "Eleventh Five-Year" battlefield communication facility construction plan.

Please give instructions on whether this plan is appropriate.

Attachment: 1. Estimated cost of the first batch of short-wave comprehensive network connection construction projects of the Air Force

2. Renovation project list of important division and brigade-level shortwave receiver stations and transmitter stations of the Air Force

(No body text on this page)

PLA Air Force Command

October 24, 2007

Key words: Shortwave, construction projects
[Comprehensive network connection]

CC: Communication Department of General Staff; Finance Department of General Logistics Department; Operations Department and Communication Department of the Air Force Command; Finance Department of Air Force Logistics Department. (7 copies in total)

Project owner: Communication Department of Air Force Command
Contact: Xiao Mouji
Tel: 986523

Yang Guohai



Yang Guohai

PLA Air Force Chief of Staff, Lieutenant General. He was born in May 1950. He is native of Tianjiang and has a Bachelor degree from the Central Party School. He was **the commander of the 4th Air Force Division**, and appointed **the deputy commander of the 1st Air Force** in 1995, the commander of the Air Force Shanghai Base in 1998, **the chief of staff of the Lanzhou Military Region Air Force** in 2000, **the deputy chief of staff of the Air Force** in 2006, and **the chief of staff of the Air Force** in September 2007.

Zhao Zhongxin



Xiao Mouji

Haidian District in 2016
independent choice of employment
military transfer cadres roster
Temporary file number 20161216,
male, Air Force files without a
proper regimental appointment
[http://www.sdsgwy.com/article/html/
60...](http://www.sdsgwy.com/article/html/60...)
Rongxin Aneng (Beijing)
Technology Development Co.

Xiao Mouji, the former head of the Air Division's Navigation Engineering Division, chose his own career after retirement several years ago. The phone number starting with 9 is the internal phone network of the army, and the number. The first +66 is a normal city phone.

These generals are all gangsters and paid for their ranks. Only the air force commander used to be a pilot.

There are lots of corruption with all these projects. The people who do the engineering work rely on this to make money to buy rankings. The funds are heavily used for gambling and dining.

Xiao Mouji, a native of Sichuan, was transferred from the Chengdu Military Air Force to the Air Division (formerly the Air Force Command Department, now the Air Force Staff Department). His predecessor as director was Hai Xiaodong. Xiao Mouji was succeeded by Shang Qingmi. The Navigation Engineering Division was responsible for the construction of communications for the entire Air Force. All the people from the military regions are connected with interests.

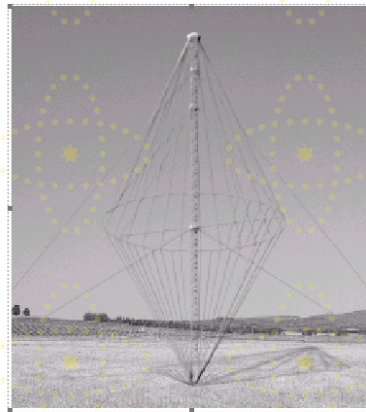
Shortwave vs. Fiber Optic

Air Force 910 Underground Command
Post Communication System Project
Construction Drawing Design
Book IX Shortwave Radio Transceiver
Station Installation
Comprehensive Section of the First
Volume

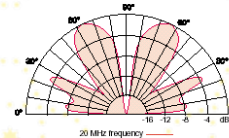
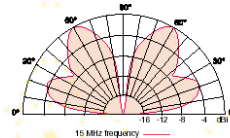
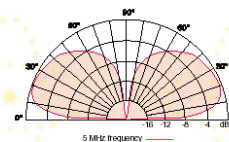
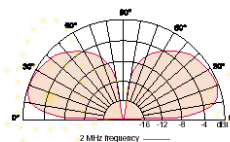
Wireless communication:
shortwave communication

Wired communication: fiber optic

Penta-cone Antenna Orientation
Diagram and Gain:



伞锥天线方向图和增益: ←



Estimated Expenditures: A

Appendix 1

Budget Table for the First Batch of Air Force Shortwave Integrated Network Lead-in Construction Projects

Prepared by: Air Force Command Communications Department

Amount unit: 10,000 RMB

No.	Project Name	Unit	Quantity	Unit Price (RMB)	Expenditure (RMB)	Notes
	Total				23,469.08	
1	Sending and receiving station renovation				18351.50	
1	Antenna acquisition				6567.00	
(1)	Caged Antenna	set	188.0	60000.00	1128.00	
(2)	Logarithmic Periodic Antenna	set	111.0	350000.00	3885.00	
(3)	Whip Antenna	set	111.0	60000.00	666.00	
(4)	Three-wire broadband antenna	set	148.0	60000.00	888.00	
2	Feeder acquisition				1530.00	
(1)	Feeders	km	306.0	50000.00	1530.00	
3	Remote control fiber optic cable line project construction				1968.00	
(1)	Main material acquisition				308.70	
A	8-core fiber optic cable	km	441.0	7000.00	308.70	5%余缆
(2)	Fiber optic cable line construction				975.60	
A	Direct buried fiber optic cable line construction	km	300.0	25000.00	750.00	
B	Pipeline fiber optic cable line construction	km	141.0	16000.00	225.60	
(3)	Construction compensation and others				684.00	
A	Direct buried fiber optic cable line construction compensation	km	300.0	4000.00	120.00	
B	Lease of local telecommunication pipes	km	141.0	40000.00	564.00	
4	Optical (electrical) equipment installation project				925.00	
(1)	Equipment purchase expenses				814.00	
A	155Mb/s optoelectronic integrated machine	unit	74.0	110000.00	814.00	
(2)	Equipment installation and construction expenses	Unit	37.0	30000.00	111.00	
5	Acquisition expenses for ancillary equipment				2271.75	
(1)	AC/DC Distribution Panel	unit	74.0	40000.00	296.00	
(2)	AC Parametric Voltage Regulator	unit	74.0	30000.00	222.00	
(3)	Power Cables	km	97.5	85000.00	828.75	
(4)	Antenna switching system	unit	37.0	250000.00	925.00	

Estimated Expenditures: B

Appendix 1						
Budget Table for the First Batch of Air Force Shortwave Integrated Network Lead-in Construction Projects						
Prepared by: Air Force Command Communications Department						
						Amount unit: 10,000 RMB
No.	Project Name	Unit	Quantity	Unit Price (RMB)	Expenditure (RMB)	Notes
	Total				23,469.08	
6	Construction and installation expenses				5089.75	
(1)	Caged Antenna	set	188.0	20000.00	376.00	
(2)	Logarithmic Periodic Antenna	set	111.0	20000.00	222.00	
(3)	Whip Antenna	set	111.0	20000.00	222.00	
(4)	Three-wire broadband antenna	set	148.0	20000.00	296.00	
(5)	Antenna Base construction	unit	558.0	25000.00	1395.00	
(6)	Cable feeder burial	km	306.0	20000.00	612.00	
(7)	Machine Room Renovation	m ²	6590.0	500.00	329.50	
(8)	Lightning protection grounding system	set	74.0	200000.00	1480.00	
(9)	Antenna sharers	set	185.0	8500.00	157.25	
2	Network equipment acquisition and installation and commissioning				2185.00	
(1)	Air Force base command network equipment acquisition and installation and commissioning	unit	1.00	600000.00	60.00	
(2)	Military zone air force network equipment acquisition and installation and commissioning	unit	7.00	1500000.00	1050.00	
(3)	Military-level command post network equipment acquisition and installation and commissioning	unit	3.00	500000.00	150.00	
(4)	Important division-and-brigade level unit network equipment acquisition and installation and commissioning	unit	37.00	250000.00	925.00	
3	Engineering construction other expenses				1815.00	
(1)	Survey and design expenses	unit	1.0	2.50%	513.41	
(2)	Supervision expenses	unit	1.0	1.50%	308.05	
(3)	Construction unit management expenses	unit	1.0	2.50%	513.41	
(4)	New technology training expenses	unit	1.0		180.00	
(5)	Instrumentation	unit	1.0		300.00	
4	Budgetary reserves	unit	1.0	5.00%	1117.58	

Provisions on the Protection of Civilians in the Additional Protocols to the Geneva Conventions

The screenshot shows the ICRC website interface. At the top, there is the ICRC logo and the text 'ICRC 红十字国际委员会'. Below this is a navigation menu with options: '我们是谁', '我们所做的', '我们工作的地方', '战争与法律', and '支持我们'. The main content area is titled '条约、缔约国和评注' (Treaties, States and Commentary). On the left, there are two sections: '条约和文件' (Treaties and Documents) and '历史条约和文件' (Historical Treaties and Documents). The '条约和文件' section includes links for '1949年日内瓦公约及其附加议定书及其评注', '按日期', '按主题', and '按州'. The '历史条约和文件' section includes links for '按日期', '按主题', and '按州'. Below these is a link for 'HOW DOES LAW PROTECT IN WAR? Online'. The main content area displays the title '1949年8月12日内瓦四公约关于保护国际武装冲突受难者的附加议定书（第一议定书），1977年6月8日。' and the section '保护平民'. The text of Article 51 is shown, including the title '第五十一条 [链接] —— 保护平民' and the introductory paragraph: '平民和平民个人享有免受军事行动危险的一般保护。为使这种保护生效，在任何情况下都应遵守以下规则，这些规则是对其他适用的国际法规则的补充。' The article is divided into numbered paragraphs (1-8) and sub-paragraphs (a), (b), and (c). The right side of the page has a '评论' (Comments) section with a link for '1987年的评注'.

联系我们

我们是谁 我们所做的 我们工作的地方 战争与法律 支持我们

条约、缔约国和评注

条约和文件

- 1949年日内瓦公约及其附加议定书及其评注
- 按日期
- 按主题
- 按州

历史条约和文件

- 按日期
- 按主题
- 按州

HOW DOES LAW PROTECT IN WAR? Online

1949年8月12日内瓦四公约关于保护国际武装冲突受难者的附加议定书（第一议定书），1977年6月8日。

保护平民

第五十一条 [链接] —— 保护平民

1. 平民和平民个人享有免受军事行动危险的一般保护。为使这种保护生效，在任何情况下都应遵守以下规则，这些规则是对其他适用的国际法规则的补充。

2. 平民和儿童以及平民个人不得成为攻击的对象。禁止以在平民中散布恐怖为主要目的的暴力行为或威胁。

3. 平民应享有本节规定的保护，除非他们直接参与敌对行动。

4. 禁止不分青红皂白的攻击，不分青红皂白的攻击是：

(a) 不针对特定军事目标的攻击；

(b) 使用不能针对特定军事目标的作战方法或手段；（

(c) 采用不能按照本议定书的要求限制其效果的方法或手段的那些；因此，在每一种情况下，都具有不加区别地打击军事目标和平民或民用物体的性质。

5. 除其他外，以下类型的攻击将被视为不分青红皂白：

(a) 以任何方法或手段进行轰炸攻击，将位于城市、城镇、村庄或其他平民或民用物体集中的其他地区的若干明显分开和不同的军事目标视为单一军事目标；

(b) 预计可能附带造成平民生命损失、平民受伤、民用物体损坏或上述情况的组合的攻击，其与预期的具体和直接军事利益相比是过分的。

6. 禁止以报复方式攻击平民或平民。

7. 平民人口或平民个人的存在或移动不得用于使某些地点或地区免受军事行动的影响，特别是企图使军事目标免受攻击或保护。这种企图阻碍军事行动。冲突各方不得指挥平民人口或平民个人的移动以试图保护军事目标免受攻击或保护军事行动。

8. 任何违反这些禁令的行为不应免除冲突各方对平民和平民的法律义务，包括采取第 57 条 [链接] 规定的预防措施的义务。

评论

1987年的评注

Provisions on the Protection of Civilians in the Additional Protocols to the Geneva Conventions

Article 51 Protection of civilians, point 7

7. The presence or movement of the civilian population or individual civilians shall not be used to render certain locations or areas immune from military operations, in particular in an attempt to protect military objectives from attack or to protect, support or impede military operations. Parties to a conflict shall not direct the movement of the civilian population or individual civilians in an attempt to protect military objectives from attack or to protect military operations.

129、平坝航材库至军区油库



Baidu

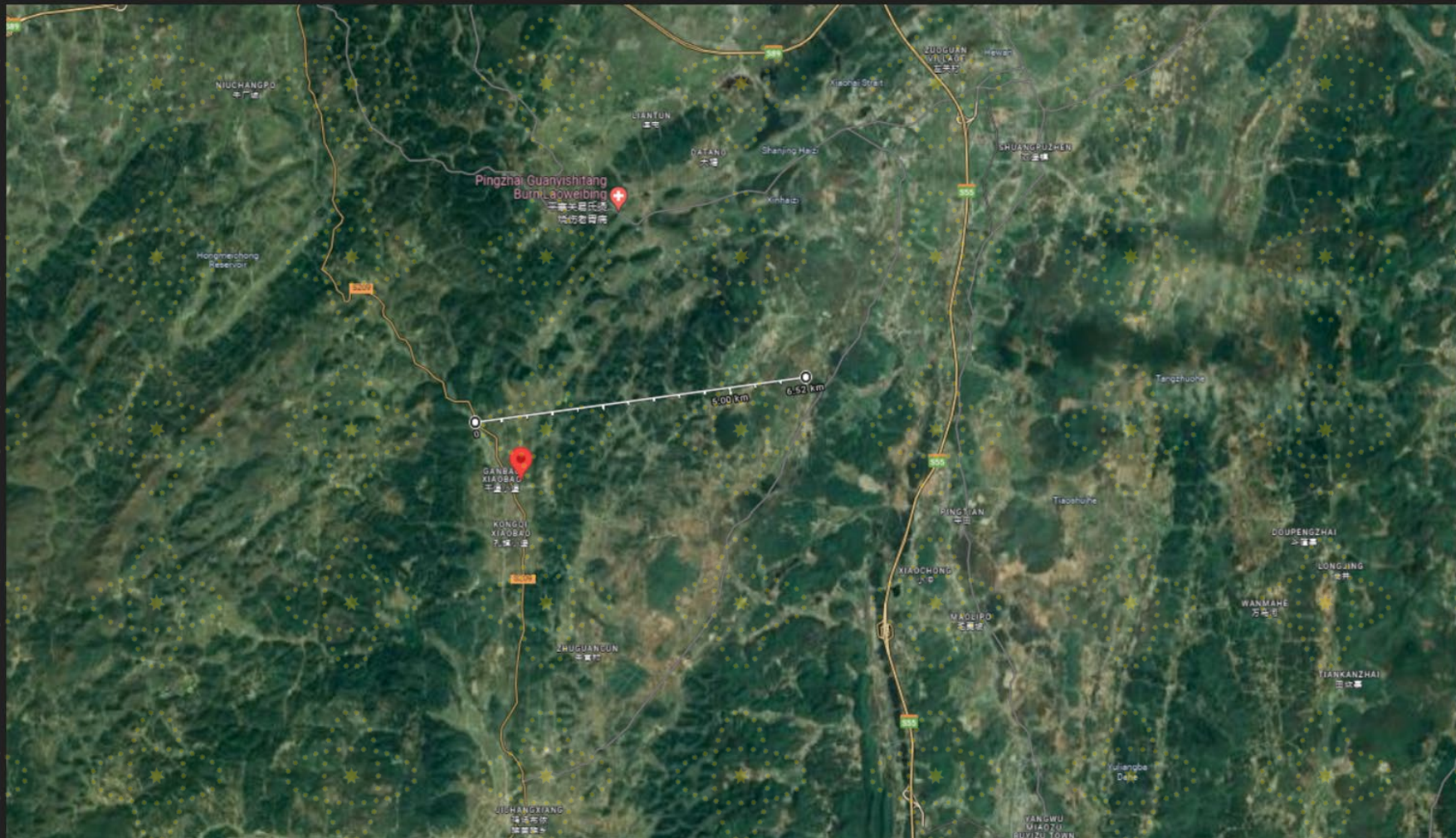




百度 Baidu



Google

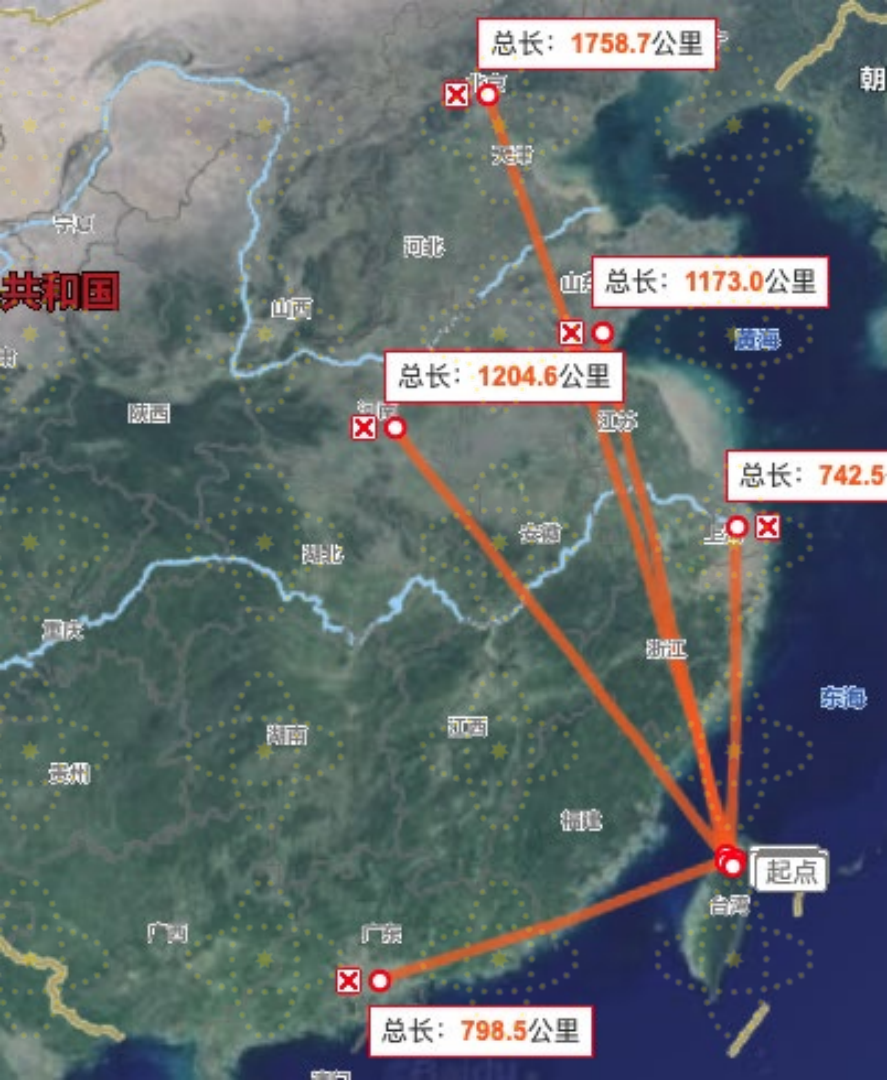




Measure distance

Address Keywords :

Guizhou Anshun Gmbao Jiutou Mountain



Distance between
Taipei and major
mainland cities:
Taiwan Yunfeng
Missile Range up to
2000 km
Covering Beijing

Scale: km



The End

苏南硕放国际机场

江苏省无锡市境内4E级军民合用国际机场



一分钟了解苏南硕放国际机场

00:51

Sunan Shuofang International Airport is a 4E class military-civilian international airport, formerly known as Wangting Field Station of the Air Force Corps of **Nanjing Military Region** established in 1955.





2707 Project

Air Force first batch of
branch line optical
cable lead-in proposed
projects

Shenyang Air Force

**Haiyangxiang (Ocean
Township)**

About 5000 human
shields

