The TELEGRAPH

Joint Defence Facility Pine Gap **January 2008**
Customer Outreach

(U) The TELEGRAPH is a quarterly publication designed to inform members of the Intelligence Community of the capabilities, developments, and collection highlights of the Joint Defence Facility Pine Gap.

(U) Executive Summary:

- [redacted]
- (S//SI//REL) SIGDEV Efforts in Support of the United Nations Framework for Climate Change Conference, Bali, Indonesia
- [redacted]

[redacted]

Derived from NSA/CSS Manual 1-52, dated 8 January 2007
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(S//SI//REL) SIGDEV Efforts in Support of the United Nations Framework for Climate Change Conference, Bali, Indonesia

POCs: [redacted]

(U) The United Nations Framework Climate for Change Conference (UNFCCC), held in Bali, Indonesia from 3-14 December, was attended by10,000 conferees, activists, journalists, and high ranking representatives from 190 countries, including the newly elected Australian Prime Minister, Mr. Kevin Rudd, the U.S. Secretary of State, and former U.S. Vice President Al Gore.

(S//SI//REL) Beginning on 29 November, the SIGDEV and Collection Operations Divisions executed a self-initiated network development effort, in coordination with the Defense Signals Directorate (DSD) and site leadership, in support of this target. The goal of the development effort was to gain a solid understanding of the network structure should collection be required in the event of an emergency. This involved identifying systems in use, isolating talk groups and TETRA towers of highest interest, determining network hierarchy, and reporting flow. Site produced a Telecommunications Information Report (TELIR) documenting network structure and activity. *(Please contact* [redacted] *if you would like a copy of the TELIR.)*

(S//SI//REL) Although DSD's initial collection requirements were only for UHF push-to-talk communications collected via remote operations in Canberra, RAINFALL proposed a more in-depth SIGDEV effort. To start, a communications externals (COMEXT) task was generated to rapidly survey 100–3300MHz. Using this data, site analysis identified a previously unknown TETRA trunk mobile network with towers in both Jakarta and Bali. With this information, site analysts began a focused TETRA network development effort, which resulted in the identification of Indonesian security forces (POLRI) communications at both locations. At DSD's request, site dedicated a staff member (a trained Indonesian linguist) to this effort to monitor, scan, and transcribe the TETRA voice communications in order to provide daily summaries of network activity. Intercept ranged from network set-up to situation reports. Highlights include the compromise of the mobile phone number for Bali's Chief of Police and demonstration routes.



(S//SI//REL) Uplink video from conference facility

(S//SI//REL) In addition, RAINFALL's unique capability to identify and locate satellite uplinks was utilized during ad hoc search efforts in Bali. One uplink, assessed as being a direct video feed from Bali for public relations purposes, showed the front of a possible hotel in Bali with conference flags visible at the entrance. Other uplinks located on Bali carried packet data. Technical parameters and locations of these links were passed to DSD for their target development efforts.

(S//SI//REL) Site efforts revealed previously unknown Indonesian communications networks and postured us to increase collection in the event of a crisis. Site's quick response in support of the UNFCCC demonstrates an ability to rapidly focus resources and personnel and will serve as a model for future, similar SIGDEV efforts.