Kwangju office, small in size large in action

The Deputy District Engineer recently completed an inspection tour of FED's smallest project office at Kwangju. The office is small with only five personnel but their accomplishments are by no means small. Jack Church, Southern Area Engineer, along with Capt. Robert W. Skinner and SSgt. Ricky J. East accompanied the Colonel on a tour of the various projects presently underway at the base.

Here is a list of the projects that are being managed by FED's smallest office. A Jet Fuel Storage Facility which replaces one that exploded in July of 1983, 2 UEPH's, 2 UOPH's, an addition to the water treatment distribution system, portomod support facility, fencing and paving of both roads and the airfield.

In the course of the inspection the group climbed to the top of the new water storage tank that is now nearing completion. Visits were also made to the BEQ and BOQ construction sites as was a visit to the new POL storage tank.

As we said this is a small project office so the people at Kwangju have a close camaraderie with each other. From the Civil Engineer, Mr. Choe, Kyu-Yun, and the Architectural Engineer Mr. Ham, Kwang-Sik to the Secretary Ms. Chin, Mi-Kyong to the two military men, Capt. Skinner and SSgt East assigned here.

While Kwangju is a ROKAF base the USAF maintains the 6171 Air Base Squadron here for contingencies. The commander Lt. Col. Joel R. Cornell praised FED for the work they have done for the USAF at Kwangju.

Waegwan P.O. key player in Carroll projects

By Capt. Dale M. Blackman

Over the past two years, Camp Carroll has been preparing for the arrival of two new units. With the arrival and the full mobilization of the 307th Signal Battalion and the 6th MEDSOM the active duty military personnel population will almost double. The camp is now in the final stages of this preparation in an attempt to insure that this increase will proceed as smoothly as possible.

Far East District (FED) has been a key player in this process with the administration of the design and construction of new facilities. The Waegwan Project Office supervised the construction at Camp Carroll.

During the past two months over $11 million dollars worth of new construction has been turned over to the customers. Most of the new facilities were constructed for either the 307th Signal Battalion or the 6th MEDSOM, however, several of the new projects were for units already stationed at Carroll, or, are part of a general upgrade of existing facilities.

The 307th Signal Battalion was recently activated at Camp Carroll. Approximately two hundred military personnel are presently there with the rest of the battalion due on board by March of 1988.

In November the 307th moved into their new administration building and two barracks buildings were turned over to the unit one year ago, while a vehicle hardstand was completed in May of 1987.

Four Bachelor Enlisted Quarters (BEQ), each with a capacity of 162 personnel are scheduled for completion in March of 1988. These will be completed in time to supply billeting for the remainder of the Battalion.

The 6th MEDSOM is presently located on Yongsan Compound, Seoul. In November an advance party from this unit arrived at Camp Carroll to prepare for the arrival of the rest of the unit in January.

With the arrival of the advance party five new facilities were turned over for

(Continued on next page)
Commander's corner

Each New Year brings with it the feeling of the prospect of a new beginning, and a pause to consider what has gone before. I have praised on many occasions the outstanding accomplishments of the FED Family in 1987. I think that given our environment, those accomplishments are without peer. Each of you should feel proud of your role in making it all happen. The new beginning of 1988 finds us facing what has gone before. I have praised on beginning, and a pause to consider what accomplishments of the FED Family in 1987. I

difficult year.

rules of life is that we must start a

will probably be a most challenging and

future we face tells us that change is

is most difficult for an organization to

required and the kind of change which

construction?

As we start 1988 we also should begin asking and answering these four questions to measure the outcome of the investment of our dedication, time and professionalism. It is the customer's perspective that determines whether we simply build facilities or truly provide the required SERVICE.

BUILD FOR PEACE!

Carroll and Waegwan office

(Continued from front page)

use by the unit. These included a Tactical Equipment Shop, Medical Optical Maintenance Facility, Supply and Administrative Building, 144 man BEQ, 48 man BEQ.

A Medical Supply warehouse and a controlled humidity warehouse presently are under construction and due for completion in late 1988.

Other new facilities turned over to their users recently have included three 16 man BOQs, sewage treatment plant, and an Area Calibration Laboratory. The three 16 man BOQs will be utilized in part to house new officer personnel arriving with the 307th Signal Battalion and 6th MEDSOM.

The sewage treatment plant provides additional capacity and upgrades the existing system. The Area Calibration Laboratory was constructed for the 2nd Maintenance Company (TMDE). This unit provides calibration support to all units in the Republic. The new facility provides a temperature and humidity controlled laboratory in addition to administrative work areas.

The completion of these new facilities on time has been a team effort. Quality Assurance Representatives from the Waegwan Project Office have provided quality assurance on all of the Carroll projects. These include Mr. Kang, Kil-Su, Mr. Pak, U-Hyon, Mr. Chong, Yong-Kwan and Mr. An, Kwang-Kwon. These men have put the finishing touches on a process that started many years ago with the design.

Personnel from the Resident Office, Area Office, and from both Construction and Engineering Division have provided quality support as part of the overall team effort. All of this effort was in further FED's goal of providing Quality Construction. SAFELY completed; ON TIME.*

We are beginning the year by formally asking our customers how they view the SERVICE we provide. This effort should provide us a perspective on key customer requirements we might have overlooked and isolate areas where continued improvement is required. In reviewing some similar efforts in other USAEC locations it appears that there are four key questions that customers uniformly use to judge the service they receive.

1. Are there adequate on site inspections ?
2. What is the quality of materials and workmanship ?
3. Does the facility conform to project requirements ?
4. What is the response to customer/user changes during construction ?

As we start 1988 we also should begin asking and answering these four questions to measure the outcome of the investment of our dedication, time and professionalism. It is the customer's perspective that determines whether we simply build facilities or truly provide the required SERVICE.

BUILD FOR PEACE!

New medical supply warehouse.

Administration and BOQ building for 6th MEDSOM is now available at Camp Carroll thanks to FED.
25th Transportation Center gets new facility

The 25th Transportation Center moved into new facilities in Yongsan Main Post. Two buildings were turned over to the 25th in a ribbon cutting ceremony on December 18. Participating in and representing Far East District was the District Engineer Col. Howard Boone.

The project which features two buildings, a 96 man BEQ and an administration and sales building totaled $1.66 million. The project was constructed by Selim Development and Industrial Co., Ltd. and Mr. Yi, Yun-Hak of the Area III Resident Office was the Quality Assurance Representative for FED.

The sales building features airline and rail ticketing facilities and houses among others, United, Northwest, and Delta Airlines reservation and ticketing services. When you need rail and airline transportation services visit 25th Transportation Center in their new building located just inside gate #2 on Yongsan Main Post.

Action leadership course coming to Far East District

Senior staff members at FED have a valuable opportunity in store for them this spring when the "Action Leadership" course is conducted.

This course is intended to develop supervisory, management, and leadership skills to enhance service to our customers. The training is designed to build practical people skills using proven management concepts and techniques. It also includes training to help senior leaders build the climate necessary to reinforce the skills and behaviors of their subordinates. The training will be taught by professional trainers with extensive Corps and industry training experience.

Instructors Larry Aggens and Judy Walsh will present the course here at FED, March 28 to April 1.

The course, which normally costs $18,000 for a one week session, is being presented at no cost to POD and its districts. Each session is designed for up to 24 first-line and middle managers and up to 15 senior staff members. Senior staff will spend a day and a half, and others will spend four days away from their desks.

"Action Leadership," is a special staff development program of the Corps of Engineers sponsored by the Leadership Enhancement and Development (LEAD) Team of the Chief of Engineers and administered by the Institute for Water Resources at Fort Belvoir, Virginia.

The course incorporates criteria for two of the Corps of Engineers foundation values—Caring Leadership and Customer Care. Mark your calendar for this important leadership and customer care training!
Kwangju Project Office  (Continued from front page)


Unaccompanied enlisted personnel housing being built by Saeng Yong at Kwangju.

Samm and Samdo Construction companies combined their forces to build this unaccompanied officer personnel housing.

New water storage tank for Kwangju. The tank, a 500,000 gal. elevated structure, is 88% complete. It is being constructed by Jung Woo Construction Company. Quality Assurance Representative for the project is Chee Kyo Yun.

In 1983 this fuel storage tank at Kwangju exploded and burned. In 1987 the new facility at the right, built by FED, replaced the burned out POL tank.
Rodriguez Range construction completed

The aerial view of the 1450 acre Rodrigues Range shows the administrative area in the foreground. The range features 5 armor moving targets, 60 armor stationary targets, 150 infantry stationary targets, 40 infantry moving targets. A battalion size element can bivouac on the range. Everything needed to support this size unit is available. The range will be primarily used by the 2nd Infantry Division. The cost of the project was $7.6 million. The original Notice To Proceed (NTP) was issued in September of 1985, however there was a ten month stop work order to facilitate redesign. Although construction has been completed the 2nd ID will not be able to utilize the range until Sperry Rand installs the computerized target system. Poong Lim was the contractor with on site control by Mr. Shin, Project Manager, and Mr. Park, Chief of Quality Control. SFC Charles H. McKeehan of the Casey Project Office was the FED Quality Assurance Representative during the final year of the project's construction.

Casey Project Office builds for field troops

Two 96 person UEPIs were turned over to the 2d Infantry Division in early December last year. The buildings overlooking Camp Casey were the last two buildings of a contract for 8 UEPIs constructed by Korea Development Company. The FED Quality Assurance Representative on the job was Kim Yong Min.

Camp Hovey now has a brand new bowling center (left) replacing its old six lane facility (right). The grand opening ceremony was held January 5 for the eight lane facility constructed by Han Yang Development Company. The FED Quality Assurance Representative was Yi Chong Il.
DOD serious about metric system

All newly designed, developed and produced systems and elements in the Strategic Defense program must now use metrics as the standard language and system of measurement. Air Force Lt. Gen. James M. Mansperger, head of the Strategic Defense Initiative Organization, recently directed this step. This decision may accelerate the transition to metrics throughout U.S. industry, something that is already occurring within the Department of Defense. Along those lines, for example, DoD recently issued guidance to the military services and Defense agencies requiring that the metric system of measurement be used "in all activities, consistent with security, operational, economical, technical, logistical and safety requirements."

Air Force Col. Tom Mansperger, special assistant for defense standardization and the lead DoD coordinator for metric conversion, said the DoD Metrication Program will have little impact on the average military family. "This directive doesn't address how bread or ham-burger is sold at the commissary," he said. "The directive is aimed at ensuring that the vast majority of weapon systems and support equipment being planned today are designed using the metric system of measurement."

The directive instructs DoD agencies and the military services to adopt the metric system when:
1. Industry has made significant progress in designing and producing metric products.
2. There is a specific military need for material to be used jointly with NATO and other allied nations.
3. Military material has a potential for significant foreign sales or multinational joint acquisition programs.
4. Defense industry preparedness or defense production readiness may be enhanced.

DoD's new guidelines are not voluntary. "The directive basically states that those elements of new weapon systems that require new design shall be metric," said Mansperger. "To not go to metric in a major weapon system will require the approval of the under secretary of defense for acquisition.

To not go metric for lesser systems will require the approval of the heads of the components or their designated representatives."

He noted that existing inch/pound components will still be used when it is economical and interfaces can be managed.

The Army made what Mansperger called a "gutty decision" when it decided the engine and airframe for the new family of light helicopters, the LHX, would be measured in metrics. "Although it will be developed and produced in this century, Army troops will be flying it well into the next century."

A cost study was also conducted to determine the economic impact of using metrics for the LHX. Mansperger said the result came down to "well under 1 percent of the total program cost." Many believe that even that cost will disappear because the variety of part sizes in systems designed to metric specifications tend to be less, thus reducing supply system requirements.

Mansperger points out that most, if not all, manufacturing industries will have converted to metrics by the beginning of the next century.

"If no one is making spare parts measured by the inch/pound, where are we going to get them?" he asked.

Mansperger does not expect a difficult transition. He said most individual weapons and ammunition are already measured in metrics. Troops have long been referring to the millimeter dimensions of weapons as "Mile-Mike" and reporting range in kilometers (miles) and meters rather than miles and yards. Many of the nuts, bolts and wrenches in the military inventory are metric.

The United States and Burma are the only countries in the world that do not use metrics as a national system of weights and measures or have an established schedule to do so. The U.S. switch to the metric system has been led by science and abetted by the country's institutions, including educational and scientific communities.

Many items purchased in the United States are metric, such as cameras, film and prescription drugs. Electric bills and most automobile parts are also metric.

**Welcome new FED faces**

Stephan Olschner, Attorney, Office of Counsel.
P.C. Schuler, Secretary, Safety Office.

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**Metric Conversion Factors**

**LENGTH**

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**GOODY DRAGON YEAR**

Thanks Goody

The FED Orphanage Committee would like to express our thanks to the folks at GOODY Products, Kearny, New Jersey. This Corporation recently sent three boxes of various items that they manufacture, ie: combs, brushes, barrettes, ponytail holders etc, as gifts for the kids at Sung Ae Won Orphanage.

Happy Dragon Year
Christmas party – Dec. 18, 1987
사령관 코너

이번 맞계기는 신년은 새로운 시작되는 해에 대한 기대감을 가진 흥하의 부산에서 열기가 넘치는 발열로 시작했습니다. 주인은 저산지 후에도 사령관을 그려 내려주고자 합니다. 우리에게 주어진 이려 있게 웃음은 아주 훨씬 것이라고 생각합니다. 여러분 각자도 이러한 모든 성과를 가능하게 하였던 여러분의 역할에 대하여 자부심을 가메야 할 것입니다. 이전의 사례는 우리가 가장 어려운 헤를 떨게 되는 것을 말씀드리고 있습니다. 생명의 불변적이라는 하나의 우리가 현재 하고 있는 미래의 변화로 요구되고 있으며 이러한 종류의 변화는 하나의 조직이 타당하고 있는 가장 어려운 문제의 해결에 인권의 사관이라는 사실을 알 수 있었습니다. 현재 우리가 지키고자 하는 FED가 조직의 이상을 풀고 하는 기록을 그대로 계획 수지로 해야 한다며, 우리의 목표를 우수한 품질의

The BEQs at Camp Humphreys, completed one month early September 1987, are part of the construction of 4 BEQs (480 PH), 4 BOQs (123 PH) and an administration building. The $8 million project, contracted by Pum Yang Construction Co., Ltd., was finished December 23 last year. Chi Yong Hae was the QAR from Humphreys Project Office.

지난 12월 23일에 모두 끝난 체결 프로젝트 장비소속 건설계획과 9일에 완료 일본 공사인 4호의 BEQ, 이 공사는 총 8억만불의 예산으로서 4동의 BEQ(480면)과 4동의 BOQ(123면)가 착공 되었다. 발달경적은 사령관이 사령관으로서 DEF를 담당하게 되었다.
제25수송 셰타와 장병막사 신축되어

FED고객의 고객감사.

신축 제25수송센터 건물.

Forming a More Perfect Corps

Quality

Quality is the delivery of superior products and services which respond to customer needs within available resources and regulatory restraints.

Quality is evident in customer satisfaction and our own sense of accomplishment in delivering the best possible products and service consistent with project purposes and our professional standards. Quality also means that Corps managers and supervisors have the responsibility to assure the delivery of enduring products and quality professional services in compliance with applicable regulatory constraints and within financial and manpower limitations.

보다 완전한 공병단을 이룩하기 위하여

지난날부터 이어진다는 4기 기계공장의 두면에 사랑받던 Quality에 관한 대책이다.
Quality는 가장 우수한 제품의 발명이며 현재 이중 가중을 과렴과 재료 규정에 부응하면서 고객의 요구를 충족시키는 봉사제공이다.
Quality는 고객만족의 증거이며 또한 제도의 목표와 우리의 전문적인 기준과 일치하는 가능한 제품과 봉사의 필요에 없도록 수익에 대한 우려자산의 건강도요.
또한 Quality는 공장 관련과 근력과 재료 규정에 부응하고, 각 관리사가 일치하여 고객 만족도 우수한 전문적인 봉사의 확립한 전념을 박차지고 있다는 것을 의미하고 있다.

Goody社에 감사들 표명

FED고객의 고객감사.

신축 1988년에 축하하다.
광주현장사무소

variably 부지에 입주한

현재 88%의 공점을 갖고 있는 곧수형크, 정유개발 이 시공을 담당하고 있으며 최규문씨가 품질 감독을 맡고 있음.

광주현장사무소장 Robert Skinner 대위가 공사현장에 관하여 Edward Kane 부사령관에게 보고를 하고 있다.

생용이 건설중인 시범역사 공사현장.

삼일과 삼도건설이 함께 공사하고 있는 장고수소의 모습.

지난 89년 화재로 전소되었던 유조행크 시설이 새로 이 건설되었다. (우측)
제2사단 Rodriguez 자동화 사격 훈련장 완공

지난달 전방지역에 반공된 Rodriguez 사격훈련장이 공중발사용으로 개축되어 보이게 되었다. 이 사격장에는 5개의 전투용 이동식전포, 60개의 전투용 고정포, 48개의 보병용 이동포, 150개의 보병용 고정포가 설치되어 있다. 대규모의 반격이 사격장에서 이뤄질 수 있으며 이를 지원할 수 있는 제독시설도 충분하게 갖추고 있다. 이 훈련장은 이 보병 2사단이 주로 사용하게 된다. 총 공사비용은 760만불이 소요되었다. 지난 88년 9월에 시작한 이 공사가 그동안 친환경적으로 진행되어 10개월이내에 종단되는 사례도 있었다. 공사는 끝났지만 Sperry Rand측에서 컴퓨터화 시설 표적장치를 설치하지 않기 때문에 아직 2사단 장병들이 사용할 수가 없었다. 훈련장식구축사가 이번 공사와 있었으며 신대방소장과 박 열한 Chief QC가 모든 공사를 관리하였다. FED측 감독으로서는 Charles Mc Keehan 중장이 공사의 마지막 단계인 하반반대로 올킬작업을 맡았다.

케이시 현장사무소 야전군을 위하여 건설

지난 12월에 반공되어 캠프 케이시 2사단장병들에게 인계된 현대식 사방막 사 2동의 모습. 각동에는 4병력 거주할 수 있다. 고거지개발이 건설된 총 6동의 양식중 마지막 2동은으로 FED측 풀질감독은 각 영역이 타당하였다.