**PERISCOPES**

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Trans—Arabian Pipe Line Company
Beirut, Lebanon — January 1973


**SERVICE STARS**

Twelve Taplineers were presented with service commendations for clocking up 20, 30 and 35 years of company service each during January.

A. K. Shami of C. E. I.

The 35-year pin recipients:

Qaisumah
Janam S. Alabdali of Parphone Operations
Abdulrah M. Khaleed of Parphone Operations
Turaif
Hany Selim Mirgai of C. E. I. and I.
Mohammed S. Qahhan of Pipeline Repair Operations

Maastricht, A. N. Chorvast of Medical, Bulletin, and Muntasir Najid of Radio Government Relations, received two-star medals for completing 10 years of company service each during January.

**OPERATIONS REPORT**

1. SIDON RECEIPTS (MBD)

<table>
<thead>
<tr>
<th>Year 1971</th>
<th>Year 1972</th>
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<tr>
<td>338.0</td>
<td>452.8</td>
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2. DELIVERIES (MBD)

- OFFTAKERS SHIPS
  - 321.0
  - 412.9

- IPC EXCHANGE
  - 2
  - 4.5

- MEDRECO
  - 12.0
  - 14.3

- JORDAN
  - 112.0
  - 13.0

- TOTAL DELIVERIES (MBD)
  - 348.0
  - 444.7

The pipeline operated at 90 percent of its capacity throughout 1972, yielding a throughput average of 444,697 barrels per day. Potential throughputs during the year totalled 2,504,892 barrels or a daily average of 6,847 barrels. Premature failures of the insulation systems on gas turbine pumping units accounted for 47 percent of the potential losses while line shut-downs for 12 percent. The remaining 15 percent of the losses were attributed to low stock at Qaisumah, two pipeline leaks, port closures at Sidon because of adverse weather conditions, communication failures and low crude oil temperatures.

- Three all-time records were set in the course of 1972 as follows:
  - A project Engineer Selbird Kasab, left January 17 following a one-week trip to the 'Line where he inspected work progress on the grounding system of the microwave towers.
  - Dr. R. Madani and J. C. Tarvin, of Aramco's Employee Relations Policy and Planning Division, returned to Dhahran Jan. 17 following a three-day visit to Beirut where they discussed Employee Relations matters.
  - N. Robinson and J. Tucker, of Aramco's Operations, Industrial and Engineering Department, arrived in Beirut from Dhahran Jan. 14 to assist in conducting a comprehensive study of Tapline's organization and job evaluation. Mr. Robinson returned to Dhahran Jan. 19 while Mr. Tucker will stay in Lebanon until the study is completed. Working with Mr. Tucker are Tapline managers: E. Sahn and G. N. Ziyad.
  - F. W. Taylor, General Manager Government Relations, and R. E. Marsh, Manager Government Relations (Sidon), both of Dhahran, visited Beirut on business Jan. 22-23.
  - Auditor J. W. C. Jones, of Tapline, spent the Holiday season with his wife and daughters.
  - Debbie Olson; Samantha James; Gerald and Nipal Clark; Bernard and Anthony Makking; Kathy and Johnny Keownash; Ada, Maria, Ron and Randy Sawyer; and Rob Portmess, spent the Xmas and New Year holidays with their parents in Turaif, before resuming their studies abroad.
  - Congratulations to Mrs. and Mrs. Elias Cypert, of Turaif, on the recent birth of their first baby girls.
  - Mr. and Mrs. J. J. Mason and daughter, Jacqueline, are off from Turaif to England on annual vacation.
  - Mr. John T. Sheen, Manager, Department, returned to Dhahran Jan. 14 to assist in conducting a study of Tapline's safety organization and jobs in evaluation. Mr. Tucker is assigned to Tapline in Turaif, spent the 4th with his families in Damascus.
  - Mr. and Mrs. N. Hanna, spent the Holiday season with their friends and family in Canada.

- Meanwhile, Ali Jarzari and Mohammad Khalifa, who are on temporary assignment with Tapline in Turaif, spent the 4th with their families in Damascus.

- Mr. and Mrs. Ron Stone and Dr. Muntasir Naja, are back in Turaif from vacation. The Stones spent the Holiday season with their friends and family in Canada.

- C. H. Handrick is back in Turaif from Jensen Beach, Florida, where he spent the Holiday season with his wife and daughters.

**391,857 CLINIC VISITS TAX MEDICAL FACILITIES IN 1972**

A total of 391,857 clinic visits were made to medical facilities in 1972 and admitted patients for a total of 135,213 hospitalizations, compared with 412,199 clinic visits and 15,438 days of hospitalization in 1971.

- Of all clinic patients treated in Saudi Arabia during 1972, 60.45 percent were non-Company patients. Some 92.05 percent were non-Company patients in Saudi Arabia were for non-Company patients. A total of 58,150 women and 14,950 X-Ray exposures were some of the items that saw Tapline's medical facilities last year, compared with 58,047 laboratory tests and 17,336 X-Ray exposures in 1971.

- Tower grounding, which started last November, is scheduled for completion by the end of March. So far, the grounding of six towers at Kms. 44, 98, 196, 254, 787 and 841 has been completed.

**MICROWAVE SYSTEM Nears the Mid-Way Mark**

A photo of the aerial radio antennas and thermoelectric generator complex partnering Tapline's new Microwave communication system at Km. 49 (west of Qaisumah). (Photo by Khalif Alas El-Yaar).

**ALONG THE LINE**

Tapline's Service头脑 communications system was reported 41\% complete at the year-end with all phases of the project progressing at a satisfactory pace. Following are some of the highlights of the multimillion dollar project:

- Erection of the 20 towers needed for the new communications network is essentially completed.
- Installation of aerial radio antennas, thermoelectric generators and power tendo cables has been completed between Kms. 44 and 151.
- Installation of microwave and VHF radio repeaters began in mid-January this year and is slated for completion in late summer. Qaisumah is the starting point of the installation work which is progressing westward along the "Line."
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**Replacing**

Tapline's Old High Frequency and Very High Frequency communications system, the new Microwave system will improve the quality and reliability of radio communication between the various Tapline service locations in Saudi Arabia, Jordan, Syria and Lebanon. It also will permit Tapline to operate in the proper portion of the radio spectrum for multichannel communications systems as provided for by the regulations of the International Telecommunications Union.
A company-wide reception in honor of Tapline President and Mrs. R. W. Powers and General Counsel and Mrs. W. L. Owen was hosted by Management at the Dalhamiyeh Country Club on Jan. 16.

The function brought together Beirut and Sidon employees and their families as well as a number of friends of the Powers and Owens who are residing in Lebanon. Aramco officials who were on business visit to Beirut were also present.

The Powers and Owens arrived in Beirut Jan. 14 on a combined business/orientation trip.

The visiting group returned to Dhahran Jan. 17.

(PHOTO BY JINN)

Time for a bite.

General view of the reception given Jan. 16 to the R. W. Powers' and the W. L. Owen at Dalhamiyeh.

A group of Sidon employees and their families.

Victor Alkawi, Camille Najjar, Anis Alkawi and daughter, Nelly, and Aram Balian at Dalhamiyeh.

From left: Abdullah Sidani, Jim Temple, B. M. Powers, Annibal Faddoul, Sabell Hanna, K. Abartherian and Emile Homsi.

From left: Jim Temple, the Ali Mouhaddas and Capt. A. D. Odgarden.

The R. W. Powers' and W. L. Owen receiving Ajif Ya'aven of Sidon.

General view of the reception given Jan. 16 to the R. W. Powers' and the W. L. Owen at Dalhamiyeh.

S. W. Owen, General Manager—Administration, introducing Beirut Shift Dispatcher, Abdullah Sidani, to President Powers.
Moslems all over the world celebrated 'Id al-Adha on Jan. 13, to mark the end of the pilgrimage season to Mecca, the Holy City of the Moslem World and birthplace of the Prophet Mohammed.

Although many Saudi Tapliners and townspeople along the "Line" flocked to Mecca to perform the Hajj, those remaining in the Pipeline Area celebrated the 'Id in their own traditional way.

In Turaif town, the 'Id celebrations started at the town's mosque where all townspeople, headed by H. E. Ibrahim al-Hazza', Amir of Turaif, performed the morning prayers. After the prayers, His Excellency hosted the traditional breakfast of stuffed lamb.

Following the breakfast, His Excellency Amir Hazza' withdrew to his "Majless" where he exchanged happy 'Id greetings with government officials and townspeople.

Many Turaif Tapliners, including General Superintendent R. R. Portmess, E. C. Olsen, Dr. Mostafa Naga, Akram Afifi, Badr Shabbab, and others, were the guests of His Excellency for the traditional breakfast and 'Id celebrations.

Photos by Khalil Abou El-Nasr

His Excellency Ibrahim Al-Hazza', Amir of Turaif.

Turaif Tapliners at His Excellency's "Majless".

Turaif Tapliners visiting the mayor of Turaif Town, Sheikh Youssef Al-Dandan (1st from left), to wish him a happy 'Id.

A Tapline group visiting the mayor of Turaif Town, Sheikh Youssef Al-Dandan (1st from left), to wish him a happy 'Id.
A new Cessna 421B Executive Commuter, recently leased by Tapline from Bardawil and Company, Beirut, was added to Tapline’s air fleet.

The new aircraft to be based in Turaif is manned by Capt. Chester Muszczynski and can seat nine passengers.

Cruising at a speed of 260 mph up to an altitude of 25,000 ft., the new Cessna has a pressurized cabin and can cover the distance between Beirut and Dhahran in four hours, and between Beirut and Turaif in 1 hour and 20 minutes. It is powered by two Continental six-cylinder turbo-supercharged fuel injection engines of 275 hp, 3400 RPM each and is equipped with a radar and full all-weather equipment.

The plane will be available to the Company on 24-hour-a-day call basis to handle emergencies, transport urgent materials and documents and allow executive management, supervisory personnel and technical experts to be utilized more fully. It is expected that this all-weather air transport capability will provide a substantial improvement in line operations efficiency.

The plane was flown to Beirut from Wichita, Kansas. Its maiden flight with Tapline was from Beirut to Amman on Jan. 20.

Antranik Geukdjian, Aviation Maintenance Supervisor, attended a 12-day Cessna Factory Maintenance and Training course in Wichita, between Nov. 27 and Dec. 8. (Photos by Khalil Abou El-Nasr)
FIVE TAPLINERS ATTEND LMA COURSE ON SUPERVISORY LEADERSHIP SKILLS

Frederick Khattar, Hassan Mokdad, Fuad Constantine, and Joe Nassar, of Beirut, and Hikmat Bidawi of Sidon, are currently attending a three-week course on “Developing Supervisory Leadership Skills” sponsored by the Lebanese Management Association (LMA) at the Brandt Hotel in Beirut.

The course extends from Jan. 16 through Feb. 9.

The course covers eight units, including “The Nature of Leadership; Knowing Your Employees’ Individual Differences; Understanding Personality and Behavior; Improving Two-Way Communications; Maintaining Effective Discipline; Handling Complaints and Grievances; Guiding and Developing Employees; and Building Job Satisfaction and Morale.”

The course also features eight film presentations by management authorities, visual case studies, programmed instructions, supplemental reading material and a Certificate of Achievement from the American Management Association.

Ali Jubally, Manager Compensation, Benefits and Labor Relations, is one of two leaders conducting the course.

Aramco’s Deputy Representative—Operations (Eastern Province), is presently on a two-week tour of Manama, Bahrain, where he will be on temporary assignment to Aramco—Turaif, reporting to Mr. R. E. Marsh, Manager Relations (Eastern Province), and will assume responsibility for Tapline’s “on the job” training programs, sponsored by Aramco’s Director—Management Development—International, and Kay Iverson, of Worthington Service Corporation, New Jersey, met Jan. 19 with a number of Tapline Engineering and Operations officials to discuss the Corporation’s future plans in the Middle East and their connection with Tapline (which utilizes Worthington engines in its pumping equipment).

The Tapline group comprised General Manager—Engineering F. N. Khalifeh, Acting Manager of Operations C. N. Zada, Manager Engineering Services, Naif M. Shirk, Sr. Engineer Electrical-Instrumentation and Communications Senior E. Karban, Senior Engineer Mechanical Senior F. Freiha, and Engineer Mechanical F. Constantine, of Beirut; and General Superintendent R. R. Portmess, and Hene J. Smith, of Tapline.

During the meeting, the Worthington officials informed the Tapline group of their company’s intention to establish workshops in the Dhahran area for the maintenance and repair of Worthington equipment. The conference also discussed the possibility of utilizing the projected facilities for the maintenance and repair of Tapline Worthington engines and other pumping equipment.

In the language of the safe driver, there is no room for the word “skid.” A car in a skid is a car out of control—a hazard to itself and to others on the road. The safe driver prevents skidding by constant control of his car and by matching his speed to road and tire conditions. And he knows how to control a skid if he should get into one.

A skid occurs when forces caused by changes of direction or speed become stronger than the “grip” of the tires on the road. Thus, skids are most likely to happen when the road is slippery, either from water, ice, snow, or loose soil. One of the most dangerous and most frequent conditions is just after the beginning of a rain, when the oil left by traffic is “saturated” by a thin film of water. Speeds must be reduced greatly on slippery roads, particularly before entering a curve.

Skids usually occur on curves when the car is changing direction too fast for the time to grip the road. Reduce your speed before entering a curve. Braking in the curve increases the danger of skidding. Once in the turn, it is much safer to “run free” or apply a slight amount of throttle than to apply the brakes.

Skids can also occur on perfectly dry road if it is at all slippery. Don’t change speed suddenly. If you accelerate, do so slowly and smoothly. Wear your car’s traction on the road. Reduce your speed before entering a curve. Braking in the curve increases the danger of skidding.

THE SAFE DRIVER

On entering a curve, decrease your speed gradually. Do not change speed suddenly. If you accelerate, do so slowly and smoothly. Wear your car’s traction on the road. Reduce your speed before entering a curve. Braking in the curve increases the danger of skidding.

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The shield for "Best Maintained Hospital on Stream" in 1972 was won by Turaif Hospital.

In a small ceremony, Dr. M. Baroudy, Supervising Physician - Badanah, presented the shield to Dr. M. Naqa, Senior Physician - Turaif, and his staff who did their utmost to have an efficient set-up throughout the year thus deserving the acknowledgment of the Department.

The late Dr. F. J. Zuckosi, the former Medical Director of Tapline, created the shield in 1958 in an effort to encourage the different hospital staffs to maintain their hospitals efficiently.

From 1958 to 1968, the shield was won four times by Qaisumah Hospital; three times by Rafha Hospital (which was the first winner in 1958); twice by Turaif Hospital; and once by Badanah Hospital.

The shield was not awarded to any of the hospitals in 1963 and 1967.

Since in the past 10 years the shield was won by Qaisumah Hospital more than other hospitals, it has been permanently kept in Qaisumah.