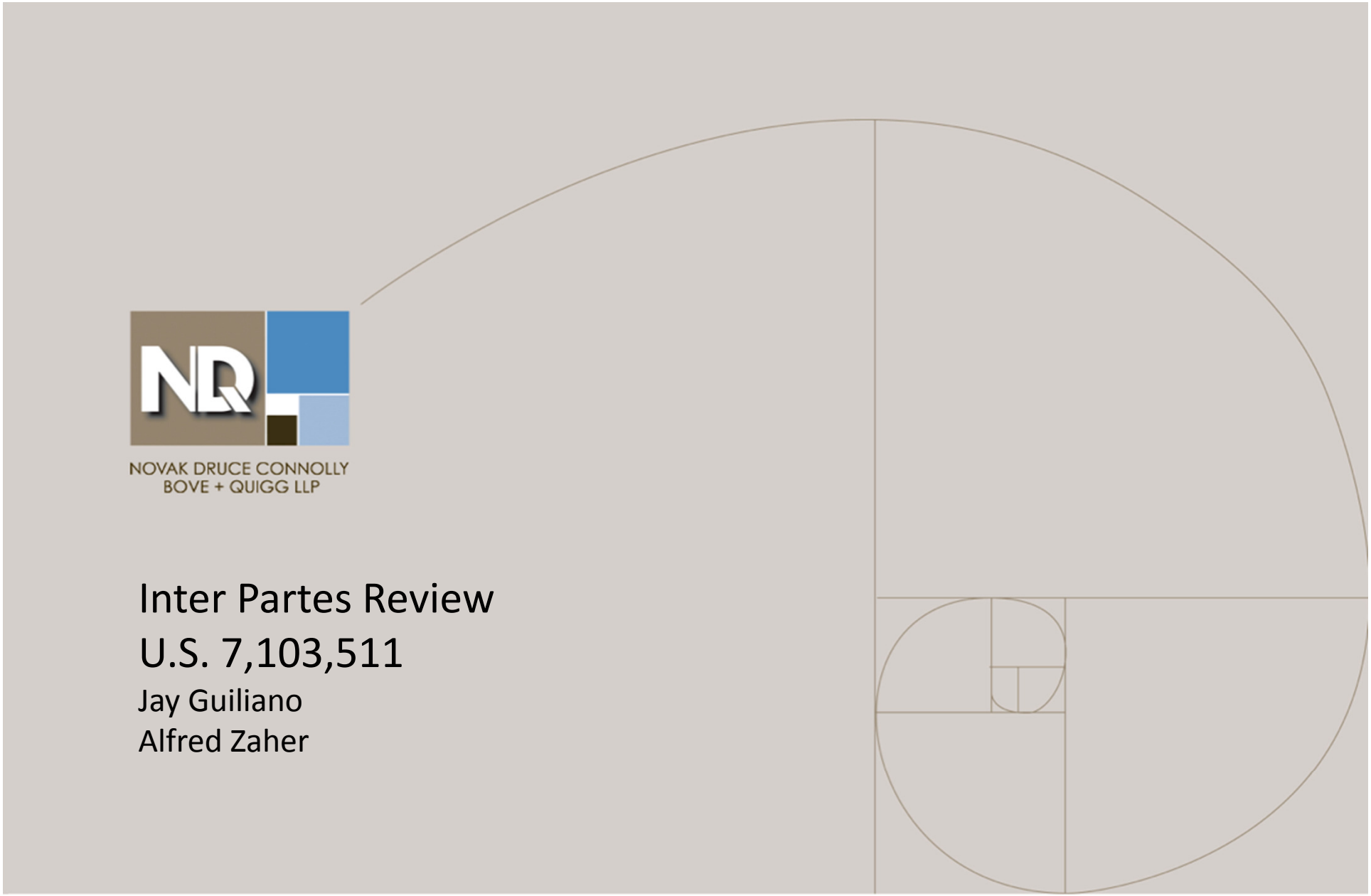
Petition Exhibit 1006

Presentation Re: Inter Partes Review of U.S. Patent No. 7,103,511



Inter Partes Review
U.S. 7,103,511

Jay Guiliano
Alfred Zaher

BOSTON | HOUSTON | LOS ANGELES | SAN FRANCISCO | SILICON VALLEY | WASHINGTON, D.C. | WEST PALM BEACH | WILMINGTON | *ready to engage*

FieldComm Group
Exhibit 1006

repeater feature – Kantronics

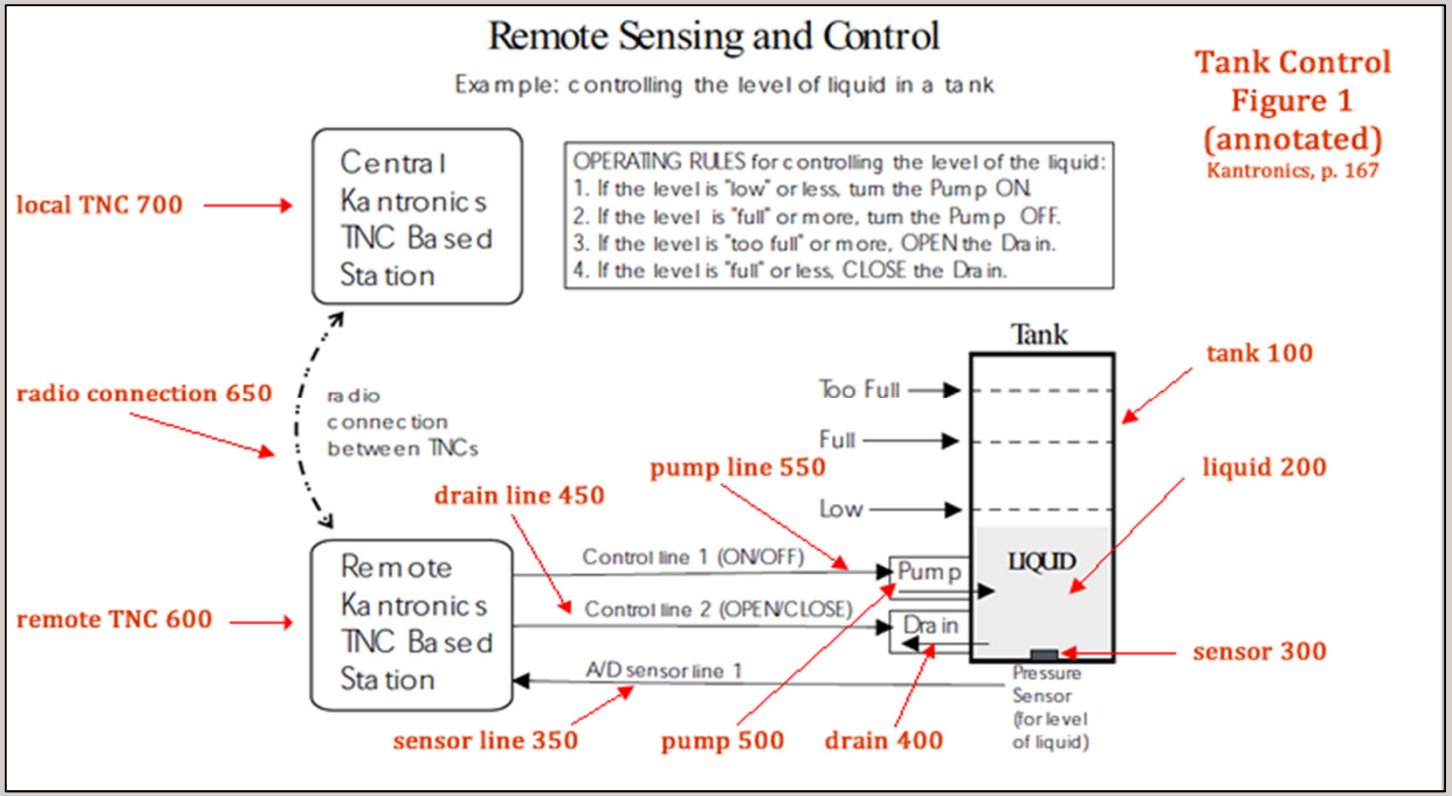
Digipeating

Everything we have done so far will only be heard by those within range to hear your signal. With packet radio it is possible to go farther than that. The DIGIPEAT parameter in the TNC comes defaulted ON. This makes your TNC a possible relay station, or digital repeater — digipeater, or just digi for short. In many VHF communities one or more of these is put up in a good, high location and referred to as a dedicated digi. The TNC and radio is all that is needed for the digital repeater to do its job. A computer would be needed if you wanted to

Kantronics at 105

FieldComm Group
Exhibit 1006

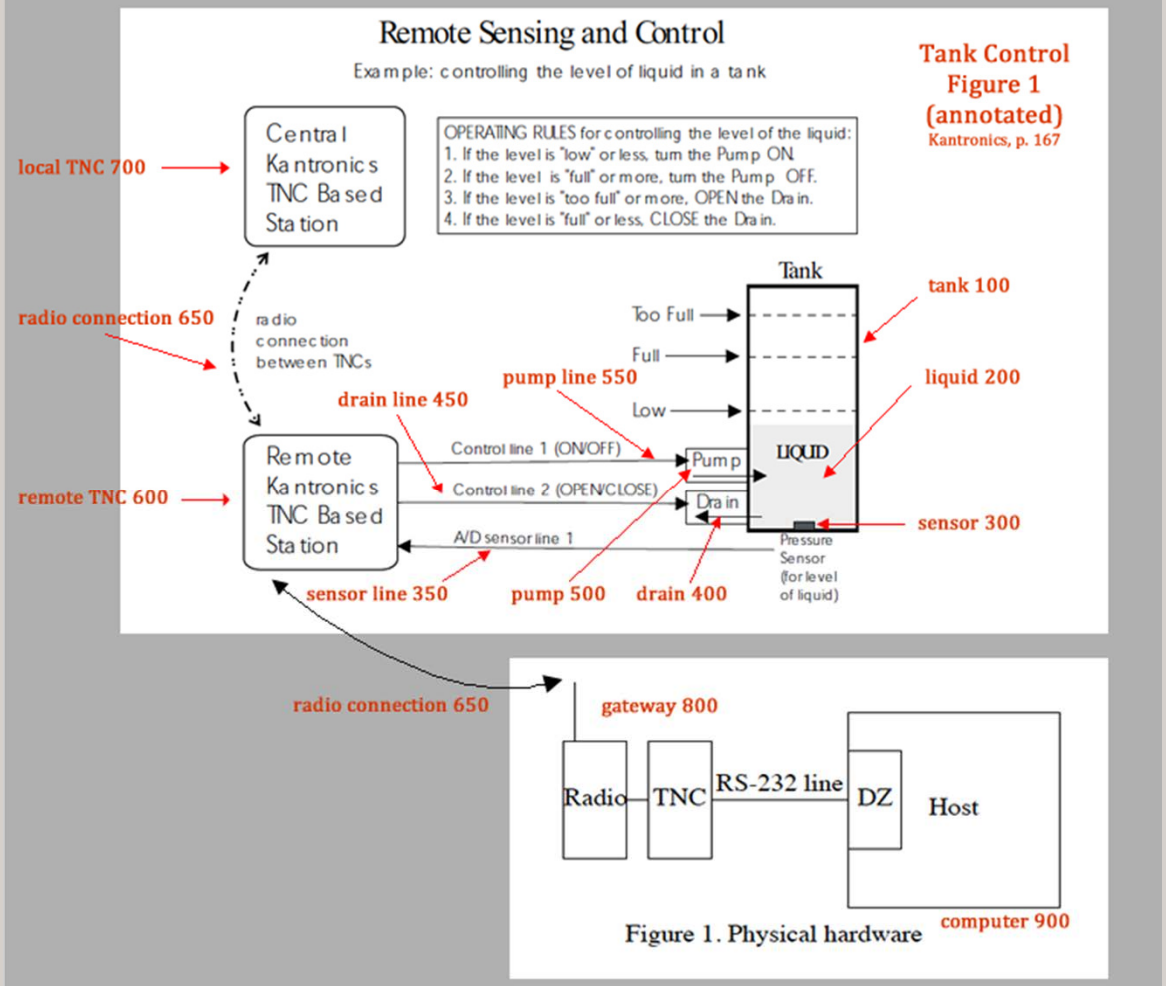
Claim 1: "A wireless communication network adapted for use in an automated monitoring system for monitoring and controlling a plurality of remote devices…" (1 of 2)



Kantronics at 167

FieldComm Group
Exhibit 1006

"…via a host computer connected to a wide area network, the wireless communication network comprising:" (2 of 2)

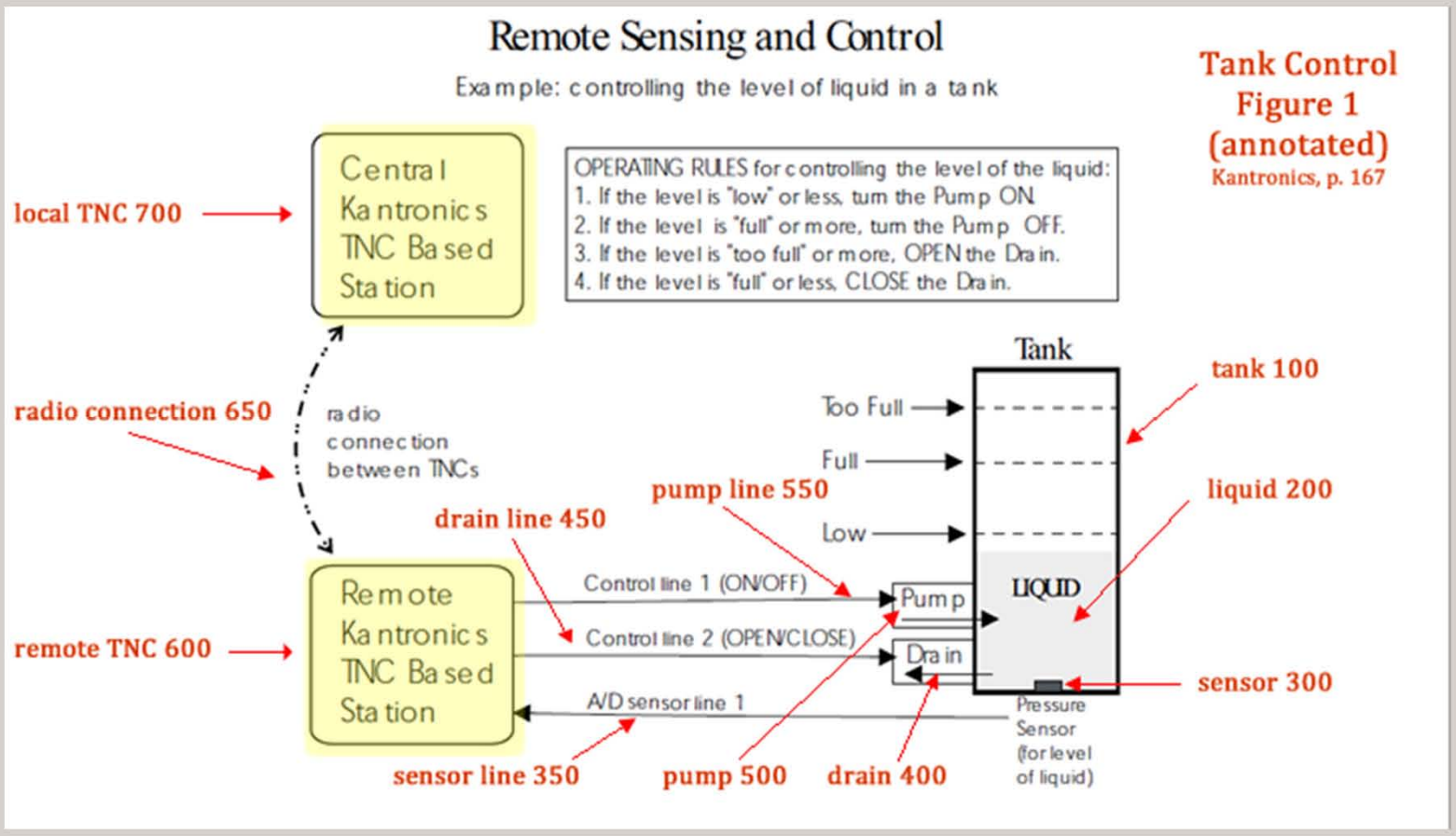


Kantronics at 167

Ultrix at 2

FieldComm Group
Exhibit 1006

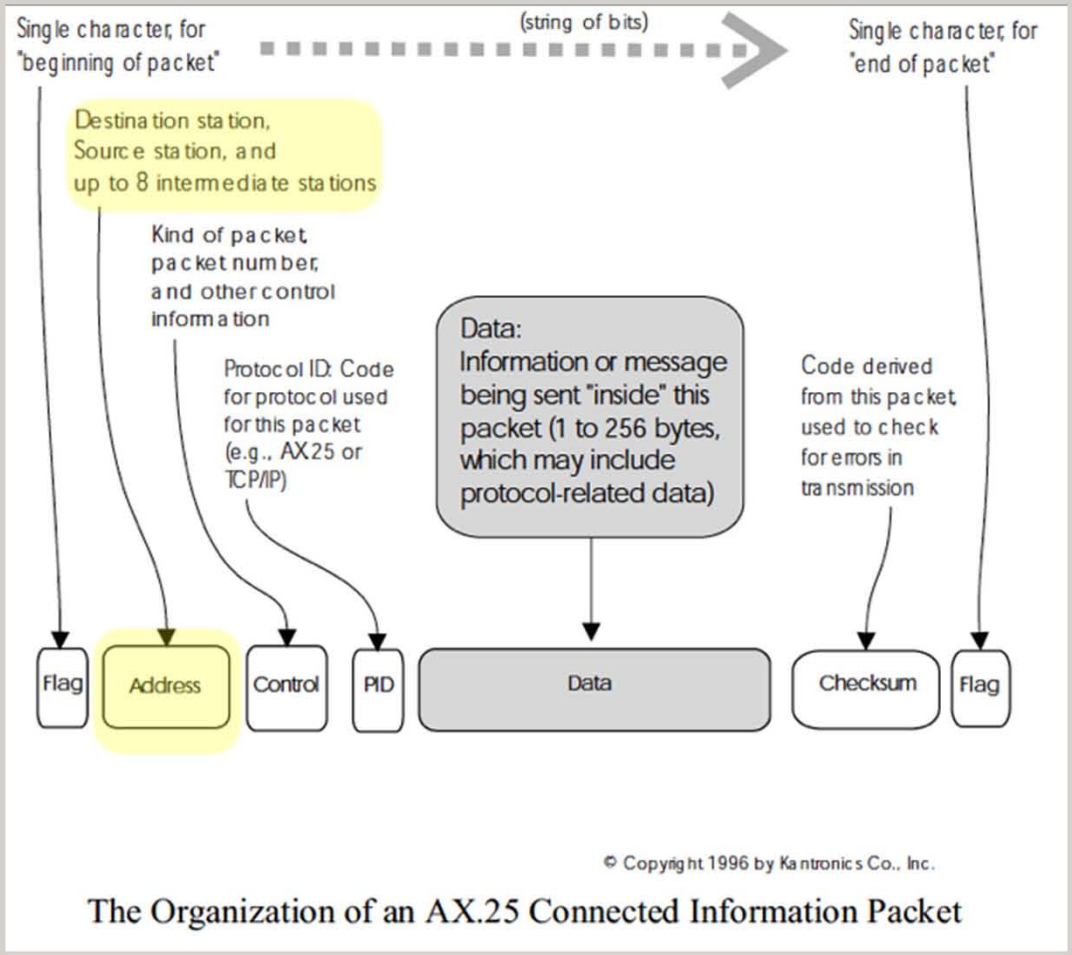
"a plurality of wireless transceivers…" (1 of 9)



Kantronics at 167

FieldComm Group
Exhibit 1006

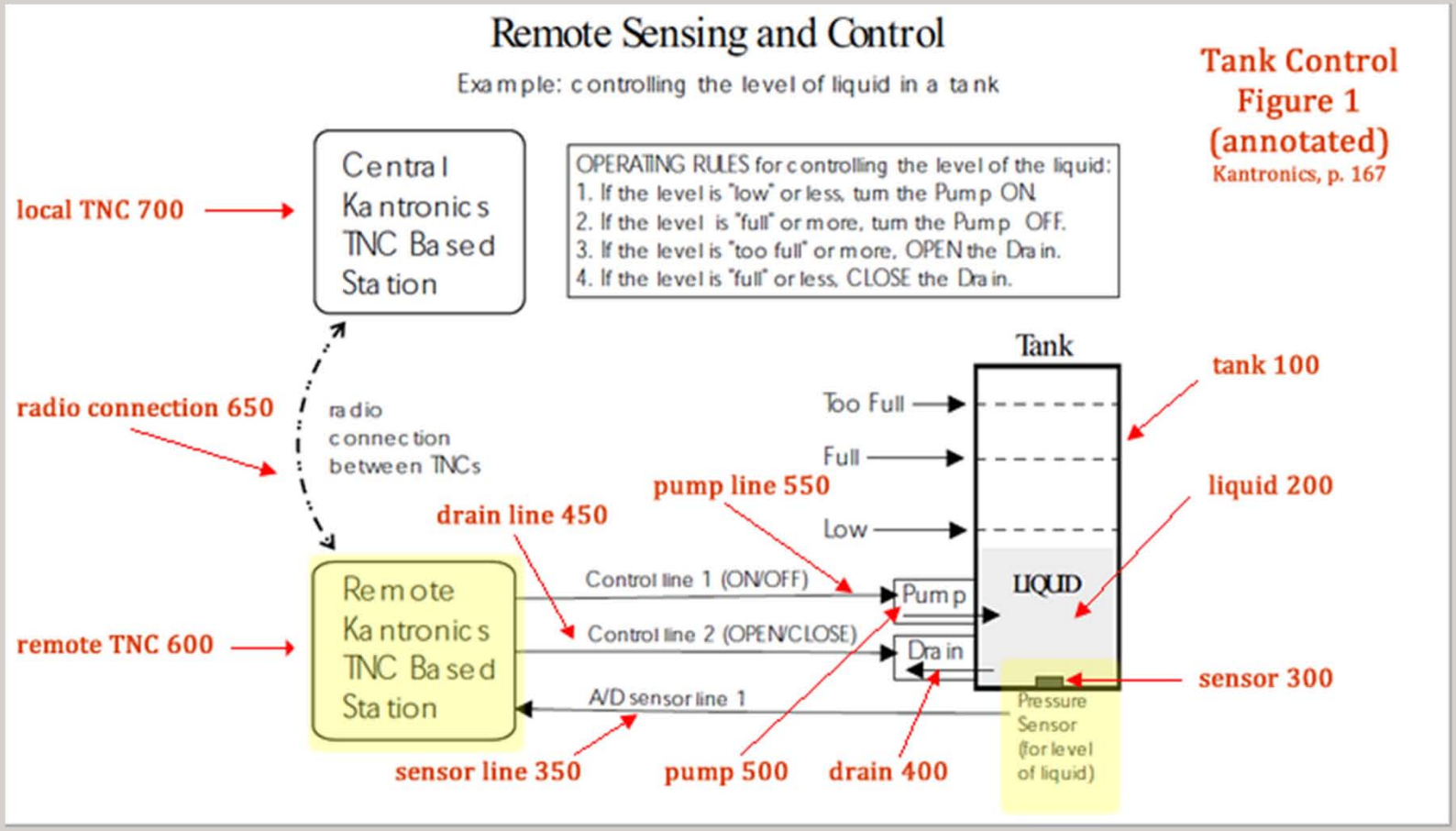
"…having unique identifiers,…" (2 of 9)



Kantronics at 27

FieldComm Group
Exhibit 1006

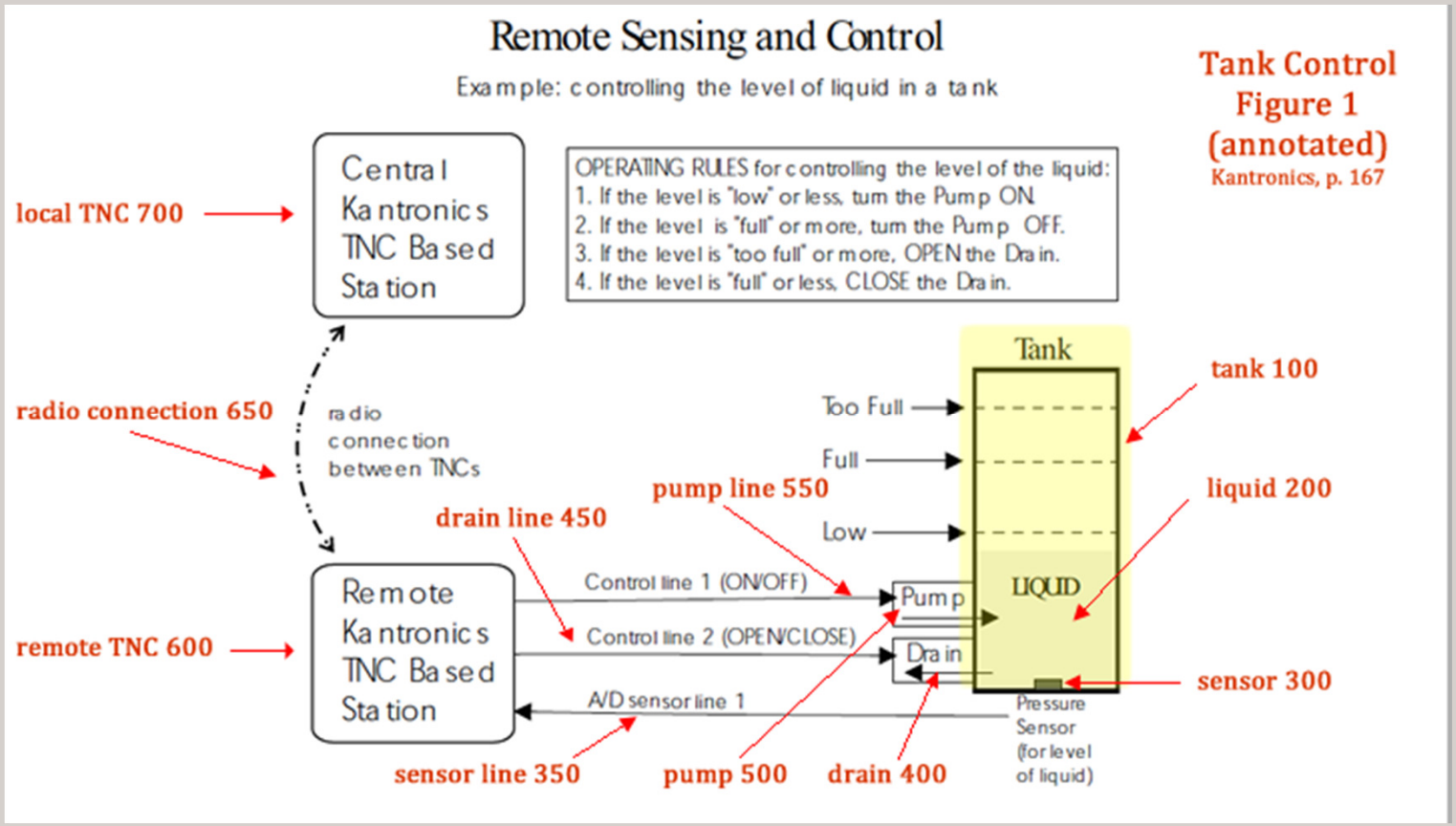
"each of the plurality of wireless transceivers configured to receive a sensor data signal…" (3 of 9)



Kantronics at 167

FieldComm Group
Exhibit 1006

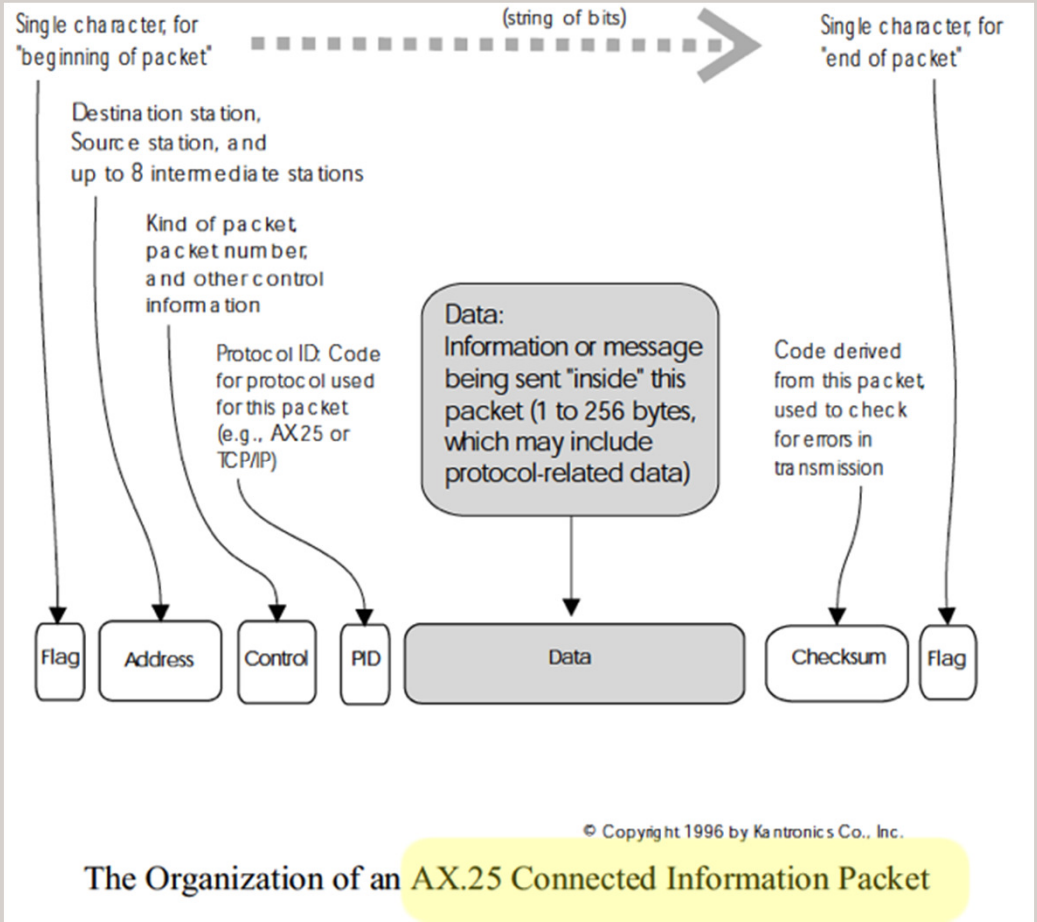
"…from one of the plurality of remote devices…" (4 of 9)



Kantronics at 167

FieldComm Group
Exhibit 1006

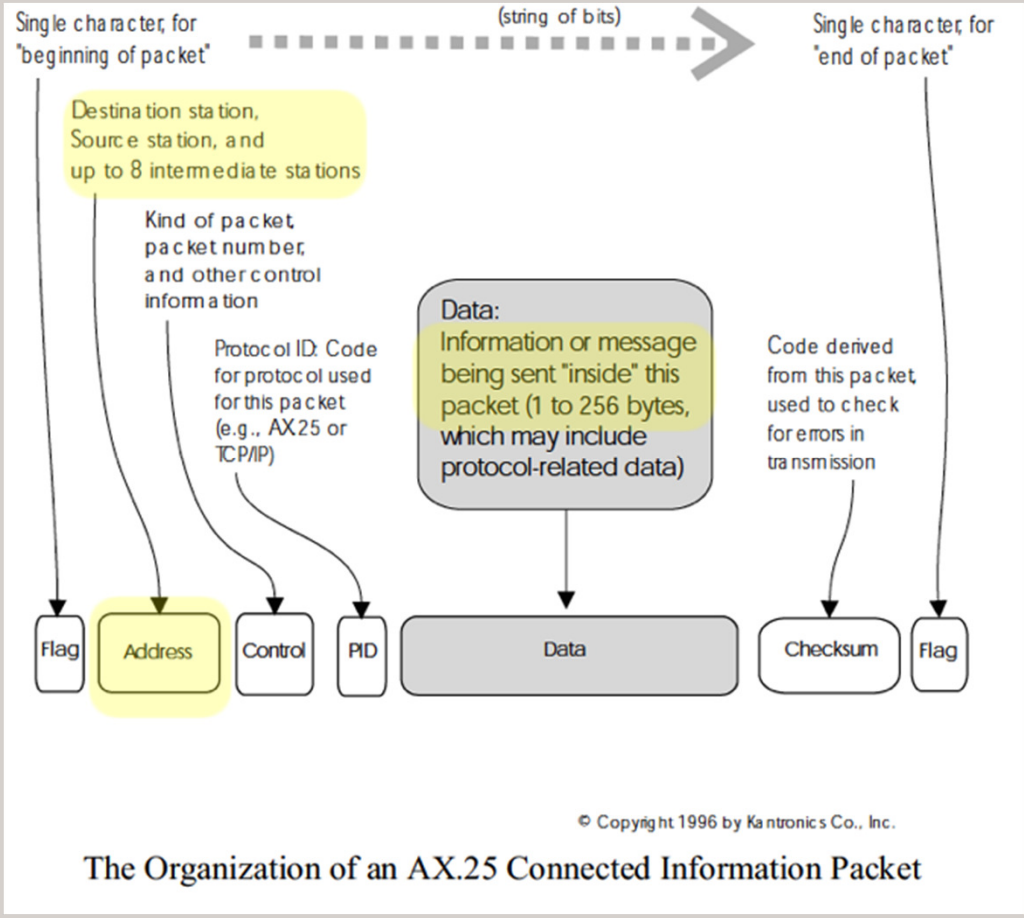
"…and transmit an original data message using a predefined wireless communication protocol,…" (5 of 9)



Kantronics at 27

FieldComm Group
Exhibit 1006

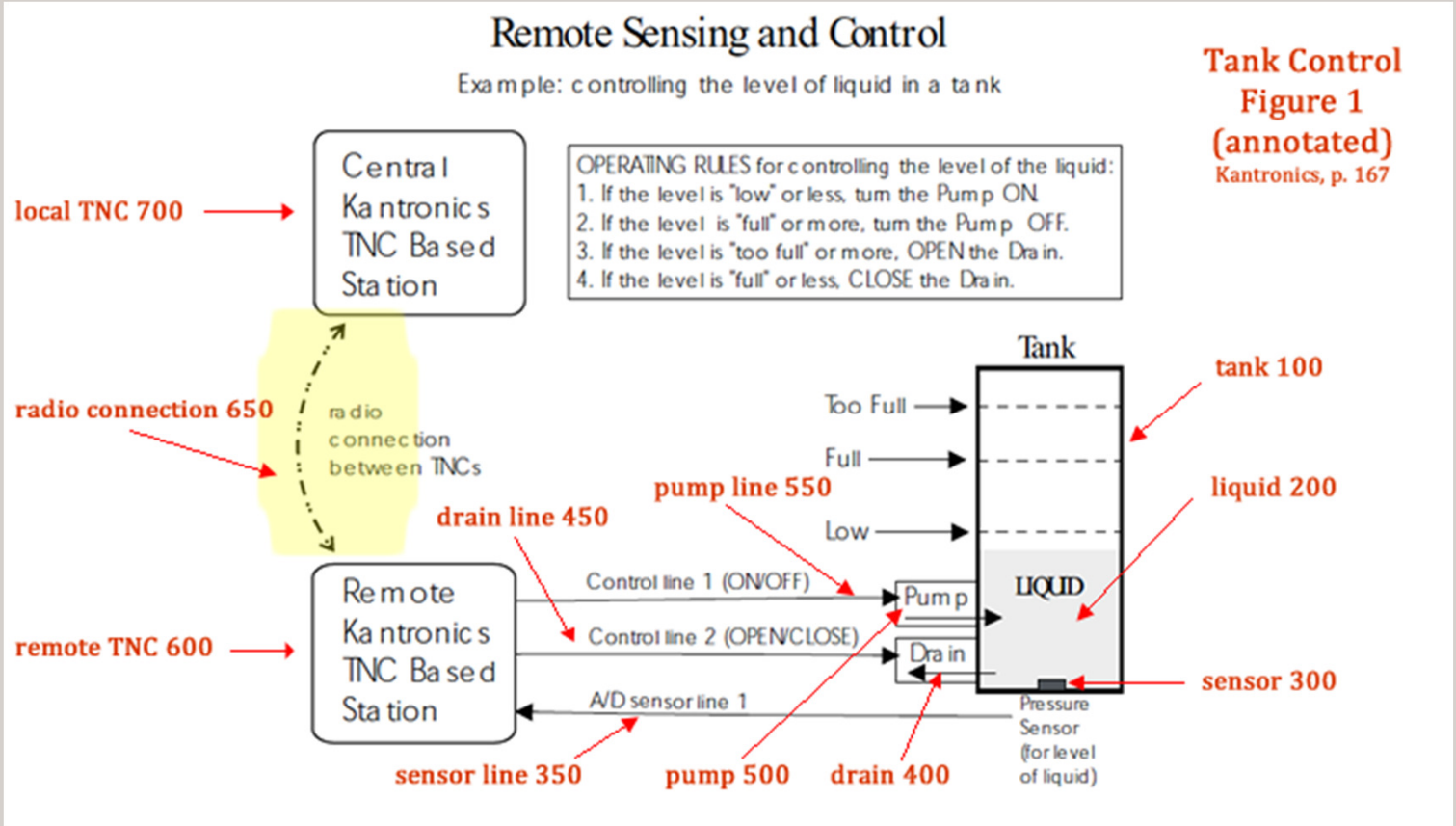
"…the original data message comprising the corresponding unique identifier and sensor data signal,…" (6 of 9)



Kantronics at 27

FieldComm Group
Exhibit 1006

"…and further configured to receive the original data message transmitted by one of the other wireless transceivers…" (7 of 9)



Kantronics at 167

FieldComm Group
Exhibit 1006

"…and transmit a repeated data message using the predefined communication protocol,…" (8 of 9)

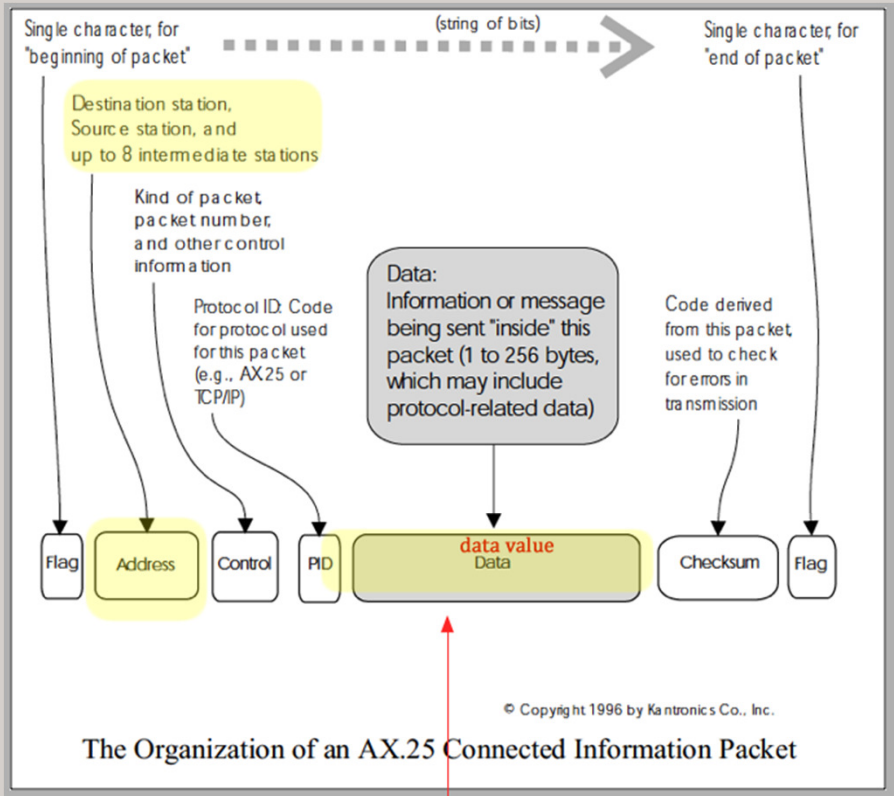
Digipeating

Everything we have done so far will only be heard by those within range to hear your signal. With packet radio it is possible to go farther than that. The DIGIPEAT parameter in the TNC comes defaulted ON. This makes your TNC a possible relay station, or digital repeater — digipeater, or just digi for short. In many VHF communities one or more of these is put up in a good, high location and referred to as a dedicated digi. The TNC and radio is all that is needed for the digital repeater to do its job. A computer would be needed if you wanted to

Kantronics at 105

FieldComm Group
Exhibit 1006

"…the repeated data message including the sensor data signal and the corresponding unique identifier;" (9 of 9)

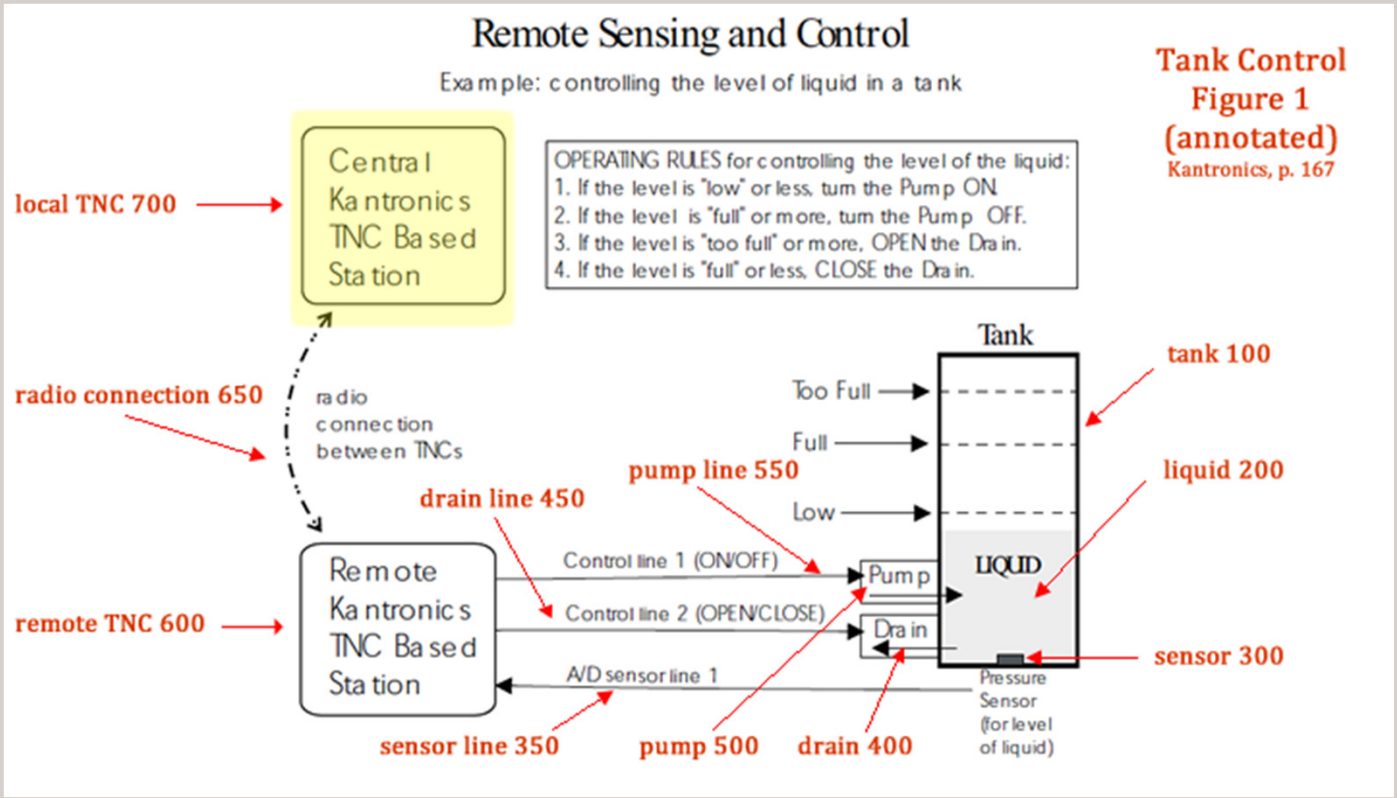


Kantronics at 27, 184

The response is in the following form:
AN0/AN1/AN2/AN3/AN4/AN5/AN6/AN7

- AN0, input (0), reports a decimal number in the range of (0-255), representing the current DC voltage of an external input read from either pin 4 on the Radio Port or from pin 18 on the Serial Port, depending on the current setting of jumper J8:

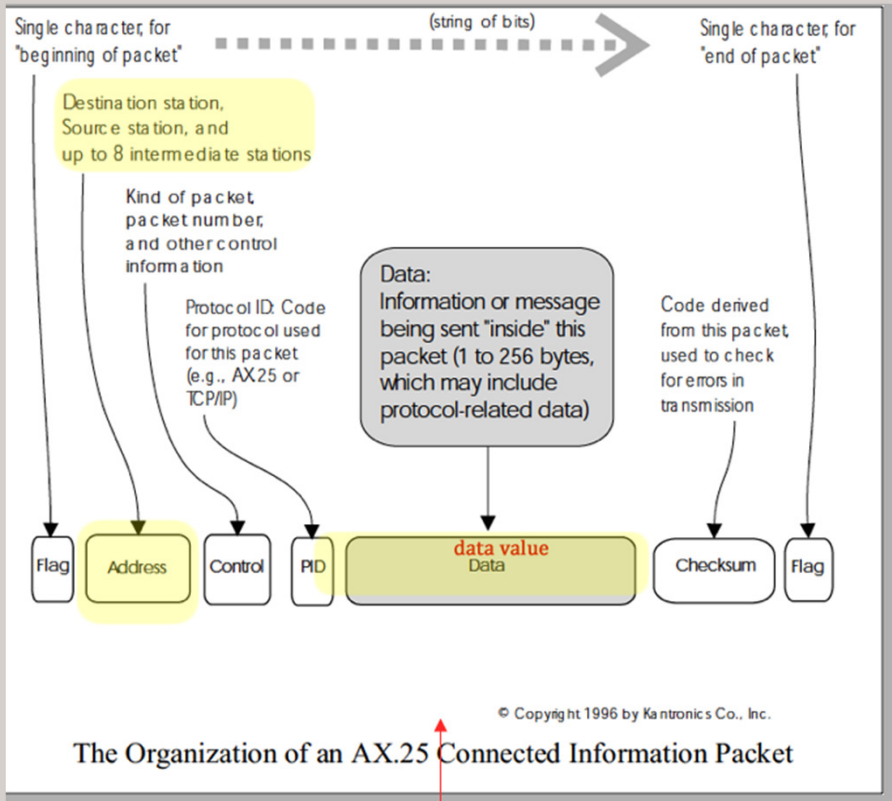
"and a site controller in communication with at least one of the plurality of wireless transceivers," (1 of 5)



Kantronics at 167

FieldComm Group
Exhibit 1006

"…the site controller configured to receive the original data messages and the repeated data messages,…" (2 of 5)



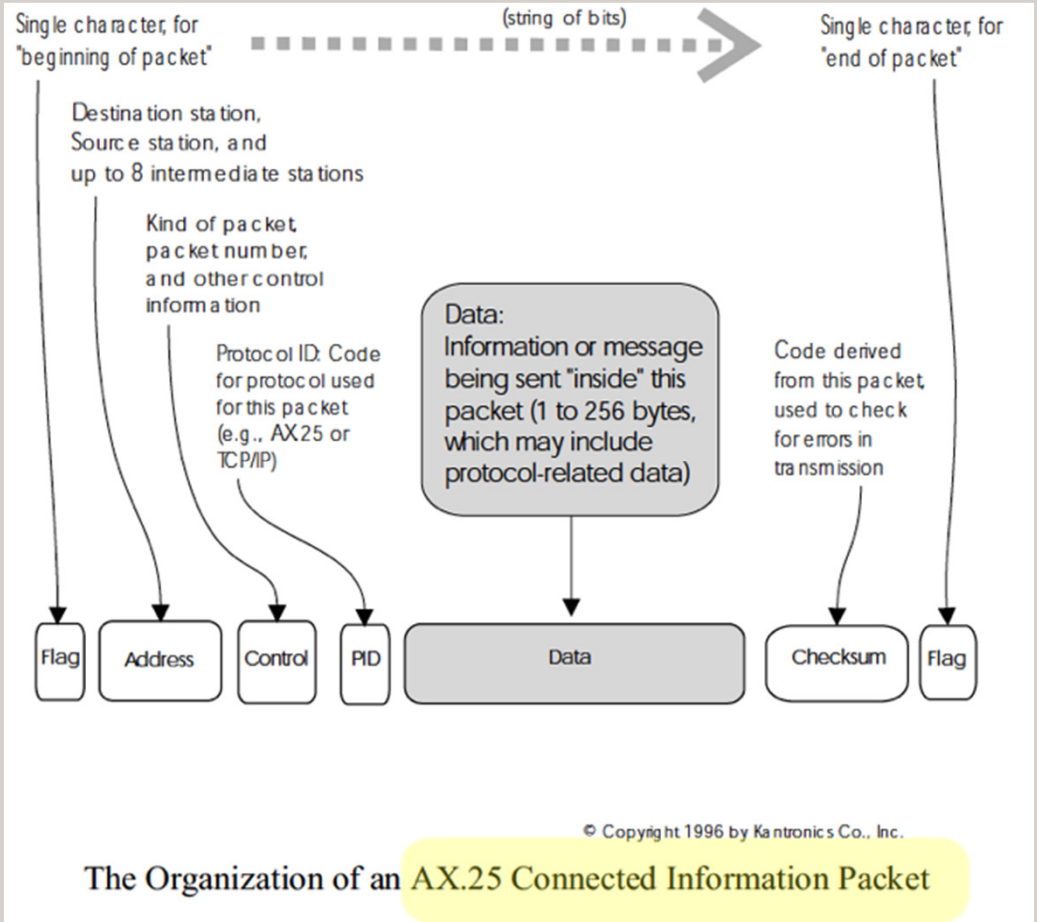
The response is in the following form:
AN0/AN1/AN2/AN3/AN4/AN5/AN6/AN7

- AN0, input (0), reports a decimal number in the range of (0-255), representing the current DC voltage of an external input read from either pin 4 on the Radio Port or from pin 18 on the Serial Port, depending on the current setting of jumper J8:

Kantronics at 27, 184

FieldComm Group
Exhibit 1006

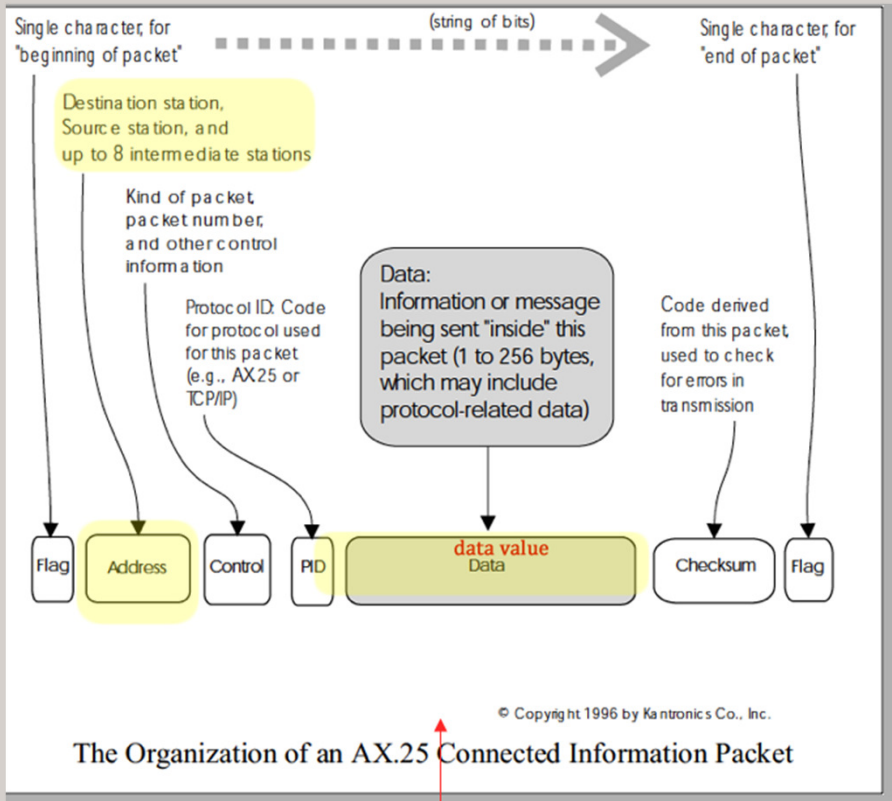
"…and transmit an original data message using a predefined wireless communication protocol,…" (3 of 5)



Kantronics at 27

FieldComm Group
Exhibit 1006

"…identifying the remote device associated with the corresponding sensor data signal,…" (4 of 5)

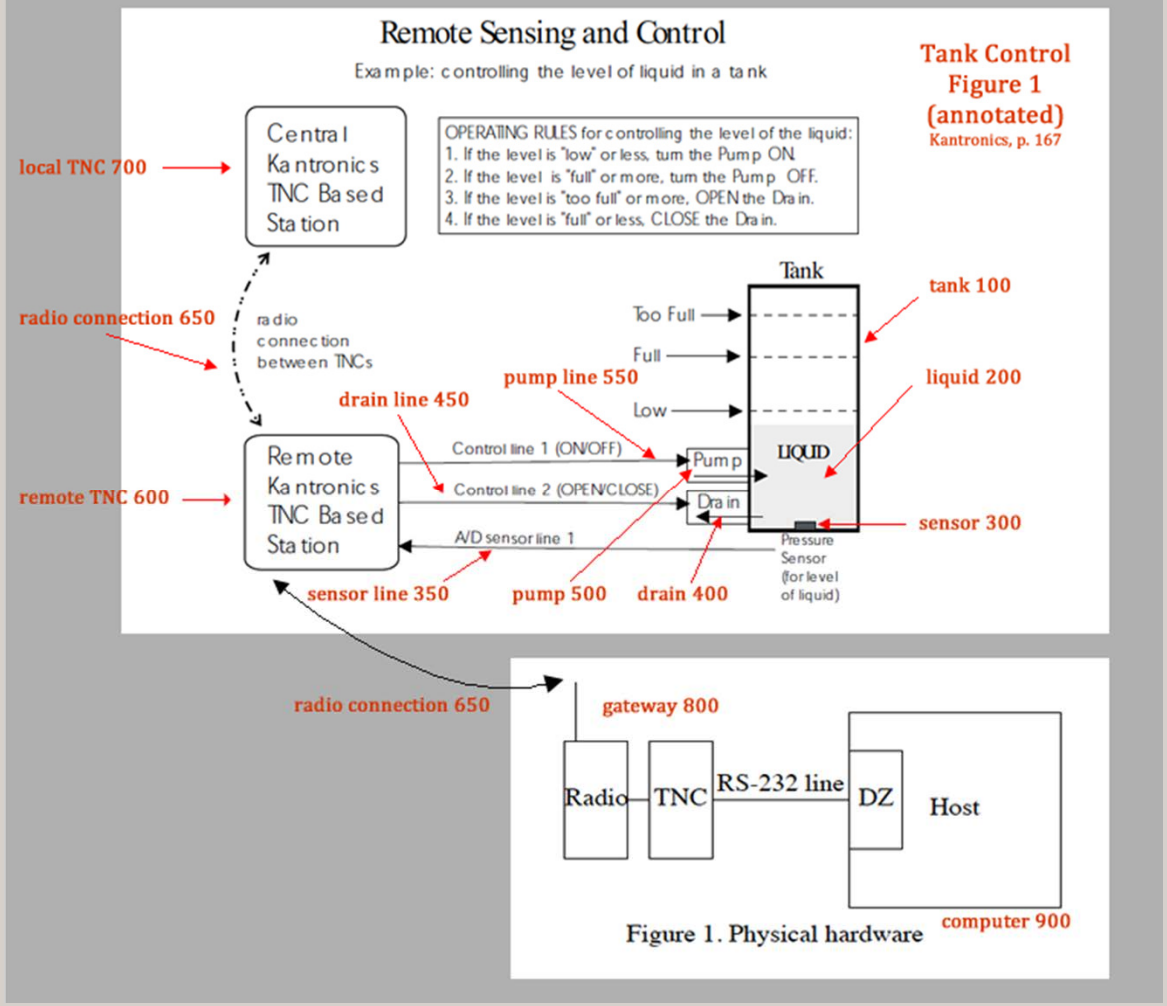


The response is in the following form:
AN0/AN1/AN2/AN3/AN4/AN5/AN6/AN7

- AN0, input (0), reports a decimal number in the range of (0-255), representing the current DC voltage of an external input read from either pin 4 on the Radio Port or from pin 18 on the Serial Port, depending on the current setting of jumper J8:

Kantronics at 27, 184

"…and provide information related to the sensor data signal to the wide area network for delivery to the host computer." (5 of 5)



Kantronics at 167

Ultrix at 2

FieldComm Group
Exhibit 1006