TABLE 1. IP&CL Field Entry Format

Element	Description
Record Text	This describes the record defining the field
Record Name	This is the name of the record defining the field
Field Number	This is the field position within the record
Subfield Number	This is the subfield position within the record
Owner	This identifies the owner of the record. For ACIS it is always 'ACIS'
Field Name	This is the name of the field
Mnemonic	This is the field's 8-character mnemonic. For ACIS software, the mnemonic has the following structure: 1rrffAss, where '1' identifies the mnemonic as an ACIS field, 'rr' is the record number in hexadecimal, 'ff' is the field number in hexadecimal, 'A' specifies the port side, and 'ss' is used to identify the type of record being defined. If 'ss' is CI, the record is a command packet definition. If it is 'XF', it is a telemetry packet, and if it is 'IT', it is an interal record.
Data Type	This specifies the data type of the field. This may have the following values: int8, uint8, int16, uint16, int32, uint32, bit, or the name of a record.
Dimension	If the field defines an array, this specifies the number of elements in the array. The dimension statement may consist of a formula, which may refer to fields within the record, may contain parenthesized expressions, and which uses the following operators and keywords: +, -, *, DIV, bitoffset, bitsize('record name')
Maximum Dimension	This specifies the maximum number of elements that can be held by the field.
Variable Record Flag	This indicates whether the fields in the record have constant or variable values
Field Description	This describes the field
Byte Size	This is the number of bytes in 1 element of the field. Its value is computed by TRW.
Total Size	This is the total number of bytes being defined by the field. Its value is computed by TRW.
Start Range	This is the minimum value the field can have.
End Range	This is the maximum value the field can have.
Units	This specifies the units of the field
Value	If the field has constant value, this specifies the value.
Format	This identifies the printing format to use for the field
Question	This entry is TBD.
Alignment	This specifies the bit-alignment requirements of the field.
Command Time-out	This specifies the command time-out period, if the field is part of a command packet record definition.