		ADO FRANC	> HEADER: 10 Bytes				
	ARQ HEAD		HEADER: 10 Bytes	Callsign information		Payload	CRC
FRAMETYPE + CURRENT FRAME		ARQ TX N CURRENT ARQ FRAME	ARQ TX N TOTAL ARQ FRAMES			PAYLOAD DATA	FRAME CRC
1 Byte	1 Byte	2 Bytes	2 Bytes	1 Byte	1 Byte	(PAYLOAD PER FRAME) -10	
INT as BYTE	INT as BYTE	INT as BYTE	INT as BYTE	CRC 8 as BYTE	CRC 8 as BYTE	BYTES	CRC 16 as BYT
(10-50)> 10 + current frame	0-255	0 - 65536	0 - 65536				
The frametype is an INT 50 + the current frame number within a burst. We can detect if we have the first or last frame of a burst and we can preceise save frames to the RX buffer instead of just counting. This is important for ARQ Repeat	Here we set the total number of frames per burst. Combined with the frametype, we can detect if we received the first or last frame of a burst. This is also necessary to allocate the RX buffer and therefore to detect missing frames	This value determines the frame number within the total data frame. This is important for preceise saving to the data frame buffer and for decoding the entire data frame	This value determins the total number of frames, which are necessary for sending a data frame. This is really important for detecting the first and last ARQ frame of a data frame and to allocate the frame buffer	This is the receiver callsign as a CRC 8 to reduce overhead. The complete callsigns are in the data frame header. This is important for selective receiving.	This is the sender callsign as CRC 8 to reduce overhead. The complete callsigns are in the data frame header. This is important for selective receiving.	The payload data chunks	The freedv CR
		ARQ BURST AC	:K > HEADER: 5 Bytes				
ARQ HEADER	Callsian	information	TENER. OBJUG				CRC
FRAMETYPE	RECEIVER CALLSIGN	SENDER CALLSIGN					FRAME CRC
1 Byte	1 Byte	1 Byte					2 Bytes
INT as BYTE	CRC 8 as BYTE	CRC 8 as BYTE					CRC 16 as BYT
60							
The ACK frame type for acknowledge of an ARQ burst	This is the receiver callsign as a CRC 8 to reduce overhead. The complete callsigns are in the data frame header. This is important for selective receiving.	This is the sender callsign as CRC 8 to reduce overhead. The complete callsigns are in the data frame header. This is important for selective receiving.					The freedv CR
		ARQ FRAME AC	K > HEADER: 5 Bytes				
ARQ HEADER	Callsign	information	, , , , , , , , , , , , , , , , , , , ,				CRC
FRAMETYPE	RECEIVER CALLSIGN	SENDER CALLSIGN					FRAME CRC
1 Byte	1 Byte	1 Byte					2 Bytes
INT as BYTE	CRC 8 as BYTE	CRC 8 as BYTE					CRC 16 as BYT
61							
The ACK frame type for acknowledge of an data frame	This is the receiver callsign as a CRC 8 to reduce overhead. The complete callsigns are in the data frame header. This is important for selective receiving.	This is the sender callsign as CRC 8 to reduce overhead. The complete callsigns are in the data frame header. This is important for selective receiving.					The freedy CR
		ARO REPEAT REOL	EST > HEADER: 11 Bytes				
ARQ HEADER	Callsign information		ARQ REPEAT				CRC
FRAMETYPE	RECEIVER CALLSIGN	SENDER CALLSIGN	REPEAT FRAME 1	REPEAT FRAME 2	REPEAT FRAME 3		FRAME CRC
1 Byte	1 Byte	1 Byte	2 Bytes	2 Bytes	2 Bytes		2 Bytes
INT as BYTE	CRC 8 as BYTE	CRC 8 as BYTE	INT as BYTE	INT as BYTE	INT as BYTE		CRC 16 as BYT
62			0 - 65536	0 - 65536	0 - 65536		
The ACK frame type for repeating of ARQ frames	This is the receiver callsign as a CRC 8 to reduce overhead. The complete callsigns are in the data frame header. This is important for selective receiving.	This is the sender callsign as CRC 8 to reduce overhead. The complete callsigns are in the data frame header. This is important for selective receiving.	The frame ID of a ARQ frame which needs to be repeated	The frame ID of a ARQ frame which needs to be repeated	The frame ID of a ARQ frame which needs to be repeated		The freedy CR
and type to repeating a reference		p					
		100	CONNECT				
		ARQ	CONNECT				

ARQ HEADER	Callsign information		Full Callsign Sender		CRC
FRAMETYPE	RECEIVER CALLSIGN	SENDER CALLSIGN	SENDER CALLSIGN		FRAME CRC
1 Byte	1 Byte	1 Byte	6 Bytes		2 Bytes
INT as BYTE	CRC 8 as BYTE	CRC 8 as BYTE			CRC 16 as BYTE
220					
	This is the receiver callsign as a CRC 8 to reduce overhead. The complete callsigns are in the data frame header. This is important for selective receiving.	This is the sender callsign as CRC 8 to reduce overhead. The complete callsigns are in the data frame header. This is important for selective receiving.	Full callsign		The freedy CRC
		ARQ CONN	ECT KEEP ALIVE		
ARQ HEADER	Callsign	information			CRC
FRAMETYPE	RECEIVER CALLSIGN	SENDER CALLSIGN			FRAME CRC
1 Byte	1 Byte	1 Byte			2 Bytes
INT as BYTE	CRC 8 as BYTE	CRC 8 as BYTE			CRC 16 as BYTE
221					
	This is the receiver callsign as a CRC 8 to reduce overhead. The complete callsigns are in the data frame header. This is important for selective receiving.	This is the sender callsign as CRC 8 to reduce overhead. The complete callsigns are in the data frame header. This is important for selective receiving.			The freedv CRC
		ARQ D	SCONNECT		
ARQ HEADER	Callsign information				CRC
FRAMETYPE	RECEIVER CALLSIGN	SENDER CALLSIGN			FRAME CRC
1 Byte	1 Byte	1 Byte			2 Bytes
INT as BYTE	CRC 8 as BYTE	CRC 8 as BYTE			CRC 16 as BYTE
222					
	This is the receiver callsign as a CRC 8 to reduce overhead. The complete callsigns are in the data frame header. This is important for selective receiving.	This is the sender callsign as CRC 8 to reduce overhead. The complete callsigns are in the data frame header. This is important for selective receiving.			The freedv CRC
		ARO OPEN	DATA CHANNEL		
ARQ HEADER	Callsian	information		DATA CHANNEL MODE	CRC
FRAMETYPE	RECEIVER CALLSIGN	SENDER CALLSIGN		DATA COLUMNIA DE	FRAME CRC
1 Byte	1 Byte	1 Byte		1 Byte	2 Bytes
INT as BYTE	CRC 8 as BYTE	CRC 8 as BYTE		Int as BYTE	CRC 16 as BYTE
225	5	3.10 0 00 2.12		10,11,12	5.13 .3 BTTE
	This is the receiver callsign as a CRC 8 to reduce overhead. The complete callsigns are in the data frame header. This is important for selective receiving.	This is the sender callsign as CRC 8 to reduce overhead. The complete callsigns are in the data frame header. This is important for selective receiving.		.5,,.2	The freedv CRC