

Guidelines for the Blood Transfusion Services

25.5: Message protocols

<http://aws-lon-jpac.targetservers.uk/red-book/chapter-25-standards-for-electronic-data-interchange-within-the-uk-blood-transfusion-services/25-5-message-protocols>

25.5: Message protocols

Table 25.2 indicates the protocols defined to date.

Table 25.1 Envelope definition

Field	Length	Description	Format	Mandatory?	Notes
Header line					
1	5	Line number	NNNNN	Y	Always 00001 for header
2	10	Fixed text	'UKBTSSTART'	Y	
3	8	Date	YYYYMMDD	Y	
4	4	Time	HHMM	Y	
5	6	Protocol number	NNNNNN	Y	Allocated by UK SACIT
6	6	Source ID	XXXXXX	Y	
7	6	Destination ID	XXXXXX	Y	
8	2	Checksum	NN	Y	
9	1	Terminator	Carriage return	Y	
Footer line					
1	5	Line number	NNNNN	Y	
2	9	Fixed text	'UKBTSSTOP'	Y	
3	5	No. of records	NNNNN	Y	
4	2	Checksum	NN	Y	
5	1	Terminator	Carriage return	Y	

Table 25.2 Message protocol numbers

Protocol number	Title	Description
000001	Blood component dispatch information	Defines the message used to transfer information on blood component issues
000002	Blood derivative dispatch information	Defines the message used to transfer information on blood derivative issues
000003	Reagent dispatch information	Defines the message used to transfer information on reagent issues
000004	Blood component dispatch acknowledgement	Defines the message used to transfer information on blood components received
000005	Blood component fate information	Defines the message used to transfer information on the fate of blood components received

The message protocols contain a range of data defined as either mandatory or optional. The mandatory fields give essential information and must contain valid data. The optional fields give the flexibility to build in a wide range of additional information, but if not required are left as blank (space character) fields.