ISBT 128 Manufacturer's Information Data File

Sample ISBT 128 Base Label applied by blood bag manufacturer

Blood bag manufacturer's catalog number and lot number bar codes

Place Unit Number Here

Do Not Transfuse Unless ABO Label Applied Here

ANTICOAGULANT
CITRATE
PHOSPHATE
DEXTROSE
ADENINE SOLUTION

70 mL Anticoagulant Citrate Phosphate Dextrose Adenine Solution for collection of 500 mL of blood. Each 70 mL of CPDA-1 solution contains2.23 g dextrose (monohydrate), USP; 1.84 g sodium citrate (dihydrate), USP; 0.229 g citric acide (monohydrate), USP; 0.155 g monobasic sodium phosphate (monohydrate), USP; and 0.019 g adenine, USP. Use only if solution is clear.

VOLUNTEER DONOR

Bag Intended For Whole Blood

Manufacturer Name Address

CPDA-1
500

Cat. No.: 2222222

Lot #: 1234567890

1BA222222

1234567890

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More than Identification

Catalog Number bar code data structure
=)bqqwwwwww

=)   ISBT 128 Data identifier for catalog number

b   container identification character that links each bag to the manufacturer's data file (numbers 1-9 are whole blood containers; alphas are used for apheresis; zero is used for transfer packs)

qq   container manufacturer's identifier (assigned by ICCBBA)

wwwwwww   manufacturer's catalog number

                (7 characters padded with "leading zeros")

# What is the Manufacturer's Information Data File?

- An electronic file of detailed product information pertaining to each bag set and the individual bags within it

- A mechanism to transfer information about bag sets to the user's computer system

- Information may be used for process control at the blood collection/processing center to indicate the intended storage, contents, etc. for each container

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How does it work?

- Bag manufacturers provide data files containing detailed product information for each bag set on their websites (or communicated to blood centers by other electronic means, such as a CD)

- Users download the data files into their data management systems to access product information for process control during component production

- Data files for each set are linked to the ISBT 128 catalog number bar code printed on each bag

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Bag manufacturer provides data files to blood centers
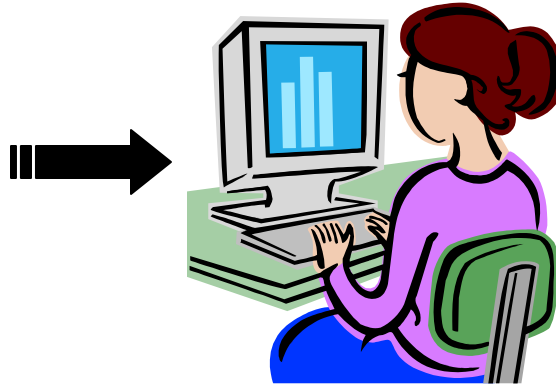
Data files are loaded into blood center's data management system
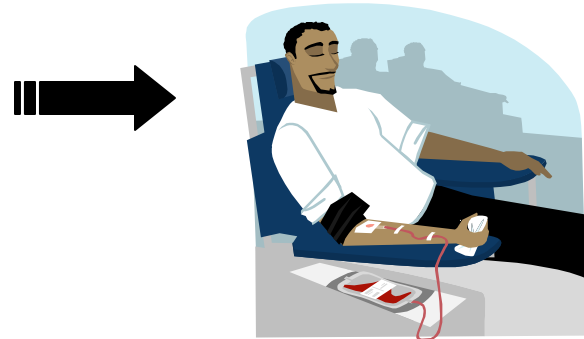
ISBT 128 bar codes are scanned at the time of collection to record the catalog number and lot number of the set

Blood center operator scans the catalog number bar code to access the container information provided in the data file

Blood products are processed and transferred to the appropriate containers

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What Information is in the file?

- **Information about the set**
  - ❑ Number of containers
  - ❑ Intended use of each container
  - ❑ Nominal collection volume for the primary container (optional)
- **Information for each individual bag**
  - ❑ Type of container (RBC, platelet or plasma)
  - ❑ Volume and type of fluid contained in bag (anticoagulant, additive, etc.)
  - ❑ Nominal volume that each container is designed to hold when filled
  - ❑ Indication of bags that are downstream from a leukoreduction filter

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Structure of data files

- Header line
- Data lines
- Footer line

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Header Line

Field	Length	Format	Comment
1	8	Alpha	Fixed text "ICCBBAMF" identifies this as an ICCBBA, Inc-specified Manufacturers File format
2	2	Numeric	2 digit number identifies the version of the data structure with which message is compliant (Technical Specification)
3	-	-	Available for future use

Data Lines

- Manufacturer
- Catalog number
- Catalog number text
- Container number
- Collection volume
- Content (anticoagulant, additive)
- Content volume
- Platelet container
- Plasma container
- Red cell container
- Buffy coat container
- Leukoreduction filter
- Nominal volume
- Comment

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Footer

Field	Length	Format	Comment
1	8	Alpha	Fixed text "FILETERM"
2	4	Numeric	Count of number of data lines in file (leading zeroes)

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Description of Data Lines

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Manufacturer (required)

- 2 letter code assigned to each manufacturer
- Codes found on Table W1 on www.iccbba.org (under Technical Documenation/Current Versions)

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Catalog Number (required)

- 7 character representation of the manufacturer's catalog number for the set

- Alpha or numeric

- Padded with leading zeros for catalog numbers with fewer than 7 characters

Catalog Number Text (required)

- Free format

- Manufacturer's full catalog number as printed in their documentation and used to order the product

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Collection Volume (optional)

- 3 characters (numeric)

- Nominal collection volume for whole blood donations

Content (required)

- Solution contained in each bag

- Anticoagulant and/or additive solution

- Should be defined in ICCBBA Bounded Lists and Definitions document (if not, need to request)

- Default value of "none" applies for empty containers if no contents are specified

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ACD-A	Acid Citrate Dextrose, Formula A
ACD-A>AS1	Acid Citrate Dextrose, Formula A – Additive Solution 1
ACD-A>AS3	Acid Citrate Dextrose, Formula A – Additive Solution 3
ACD-A>PASIII	Acid Citrate Dextrose, Formula A – Platelet Additive Solution III
ACD-B	Acid Citrate Dextrose, Formula B
AS1	Additive Solution 1
AS2	Additive Solution 2
AS3	Additive Solution 3
AS5	Additive Solution 5
CPD	Citrate Phosphate Dextrose
CPD>AS1	Citrate Phosphate Dextrose – Additive Solution 1
CPD>AS5	Citrate Phosphate Dextrose – Additive Solution 5
CPD>PASIII	Citrate Phosphate Dextrose – Platelet Additive Solution III

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Content Volume (optional)

- Numeric (3)
- Volume of fluid contents

Platelet container

- 1 character
- Indicator (Y or N) if this container is suitable for storage of platelets
- Default is N

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Plasma Container

- 1 character

- Indicator (Y or N) if this container is suitable for storage of plasma

- Default is N

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RBC Container

- 1 character

- Indicator (Y or N) if the container is suitable for storage of red cells

- Default of N

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Buffy Coat Container

- 1 character
- Indicator (Y or N) if container is suitable for the storage of buffy coats (liquid phase)
- Default of N

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Leukoreduction Filter

- 1 character

- Indicates (Y or N) whether the container is downstream of a leukocyte reduction filter

- Default of N

Nominal Volume (optional)

- 4 characters (numeric)
- The volume of final product the container was designed to hold (in mL)

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Comment

- 200 characters maximum (alpha)
- Field that is available for manufacturers to add comments for internal use; end users are not expected to upload this information

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New lines may be added

- Most recent: addition of leukoreduction filter indicator

- Next issue: differentiating bags for variable lengths of platelet storage

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Example Data Files

```
CATALOGNUMB              #00946FF
CATNUMBTEXT               #946-FF
CONTAINERNUMB               #04
CONTAINERNUMB               A02
CONTAINERNUMB               B01
CONTAINERNUMB               C01
PLTCONTAINER                AY
PMACONTAINER                BY
RBCCONTAINER                CY
NOMINALVOLUME              A1000
NOMINALVOLUME              B600
NOMINALVOLUME              C600
FILETERM0013
```
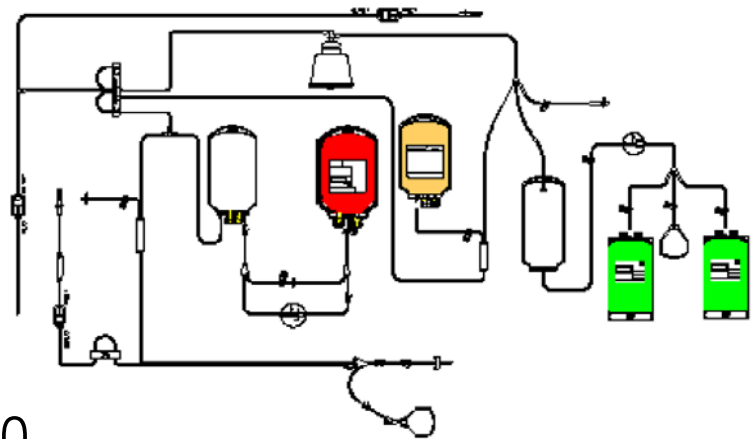
```
ICCBBAMF02
MANUFACTURER            #HA
CATALOGNUMB             #00623HS
CATNUMBTEXT             #623-HS
CONTAINERNUMB           #04
CONTAINERNUMB           A01
CONTAINERNUMB           B03
PMACONTAINER            AY
PMACONTAINER            BY
NOMINALVOLUME           A1000
NOMINALVOLUME           B600
FILETERM0010
```
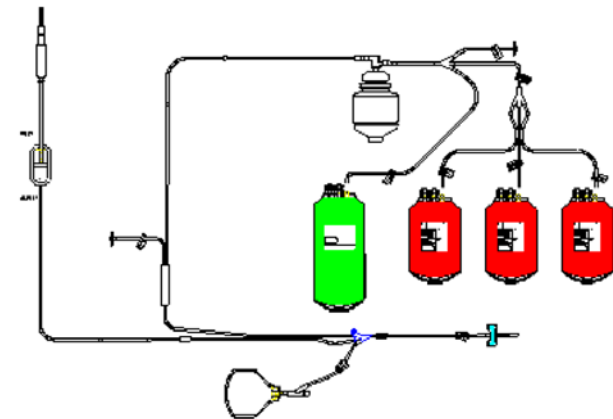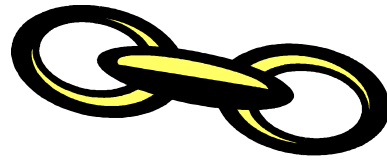
```
ICCBBAMF02
MANUFACTURER              #BA
CATALOGNUMB               #0XY1234
CATNUMBTXT                #XY-1234
CONTAINERNUMB             #03
CONTAINERNUMB             101
CONTAINERNUMB             201
CONTAINERNUMB             301
COLLECTIONVOL             #450
CONTENT                   1CPDA-1
CONTENTVOL                1063
CONTENT                   2SAG-M
CONTENTVOL                2100
RBCCONTAINER              1Y
PMACONTAINER              2Y
PLTCONTAINER              3Y
LEUKOREDFILTER            1Y
FILETERM0016
```
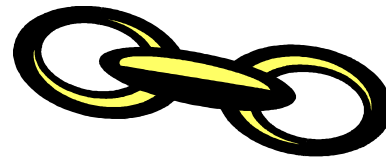
Set catalog number

Detailed product information

Blood center collection/processing lab

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