

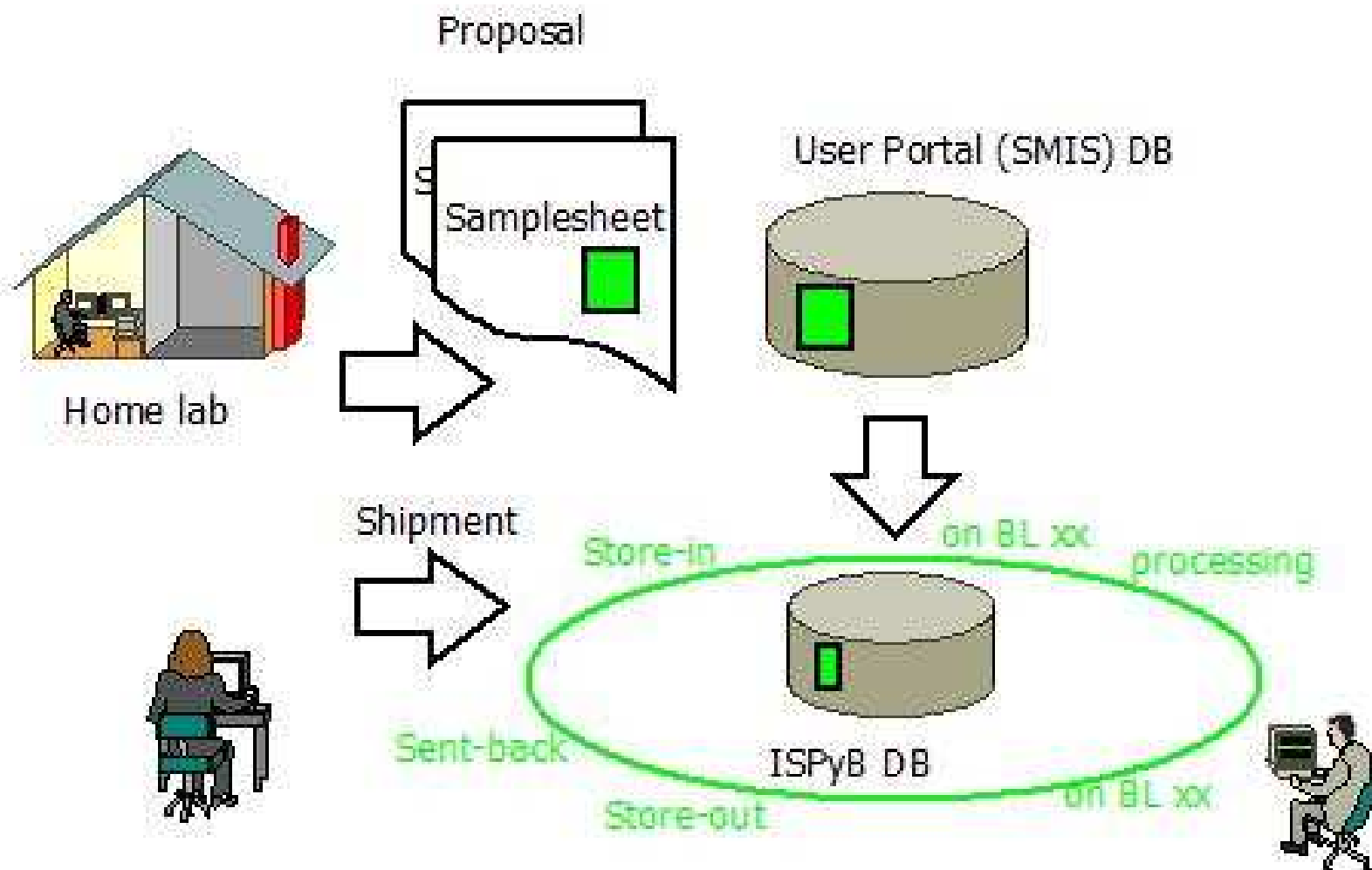
Generic sample tracking

Solange Delageniere



| The European Synchrotron

MX sample tracking



MX sample tracking: user portal

User Portal

Accounts ▾ Proposals/Experiments ▾ Safety ▾ Administration ▾ Review Process ▾

SAMPLE INFORMATION & SAFETY SHEET

Sample #: 43132 * = Mandatory Field. ⓘ = Tooltip. = Read-Only Field.
 Proposal / Experiment #: MX-415
 Operation Mode Updated: Fri Jun 17, 2016 **Complete all tabs prior to submission!**

Description | Handling / Equipment | Certify And Save

—Text Description of Sample and Protein*

Sample Description: glycoprotein 120 SANSAXS CHANNEL 09/6/16

Protein Acronym: gp120 ⓘ

—Classification Of The Substance*

Tissue
 Crystal
 Powder
 In Solution
 Other

If Powder or Solution, concentration and/or amount of substance: 2mg/ml

If Tissue or Other, please specify:

—Classification Of The Sample*

☐ Radioactive ☐ Contaminant ☐ Toxic ☐ Flammable ☐ Explosive ☐ Corrosive ☐ Oxidizing ☐ Synthetic ⓘ
☒ Biological ⓘ ☐ Other (give a short explanation):

—Synthetic Or Biological Sample*

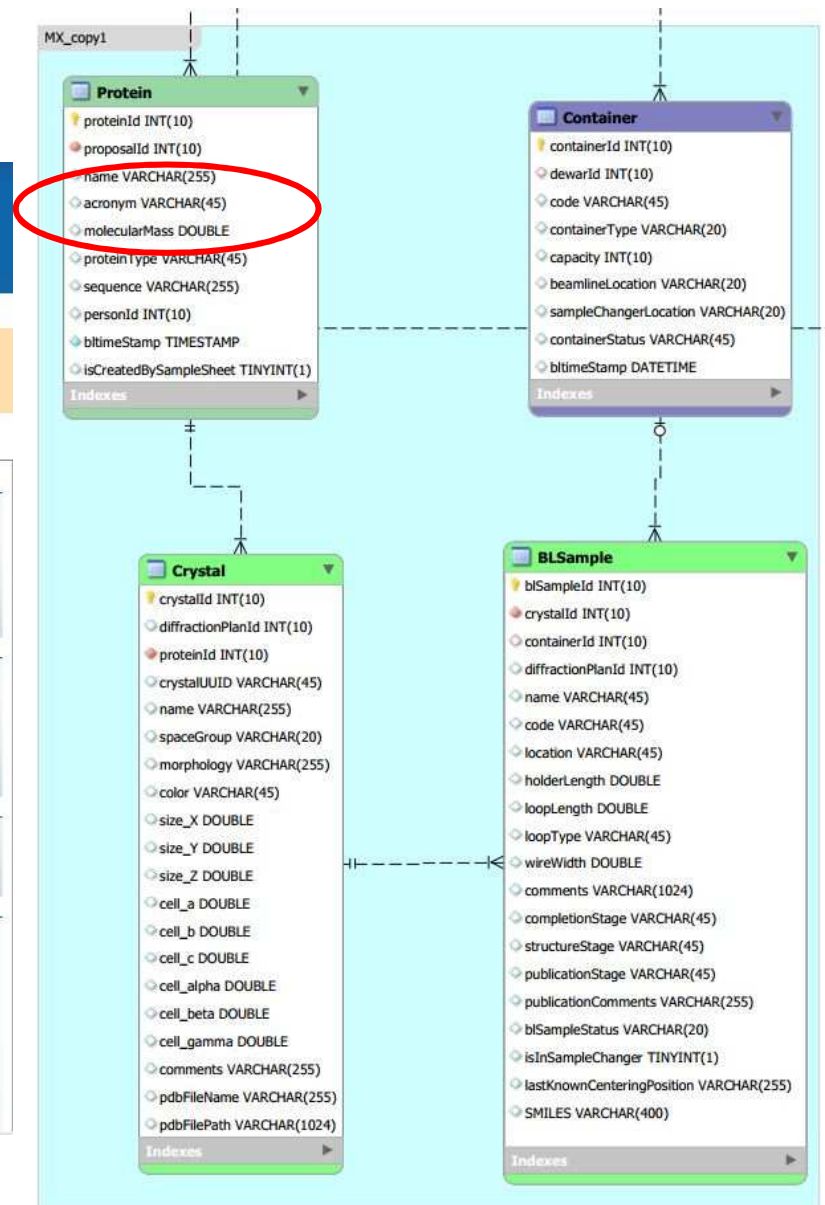
Source Organism*: ⓘ
 HIV

Class Of Risk* ⓘ
 Class 1: biological agent unlikely to cause human disease
 Class 2: biological agent that can cause human disease
 Class 3: biological agent that can cause severe human disease (prophylaxis, treatment available)
 Class 4: biological agent that causes severe human disease (no prophylaxis, treatment available)

Is the sample recombinant? * ☒ (if yes: "Expression Host" and "Class Of Risk"; below must be provided)

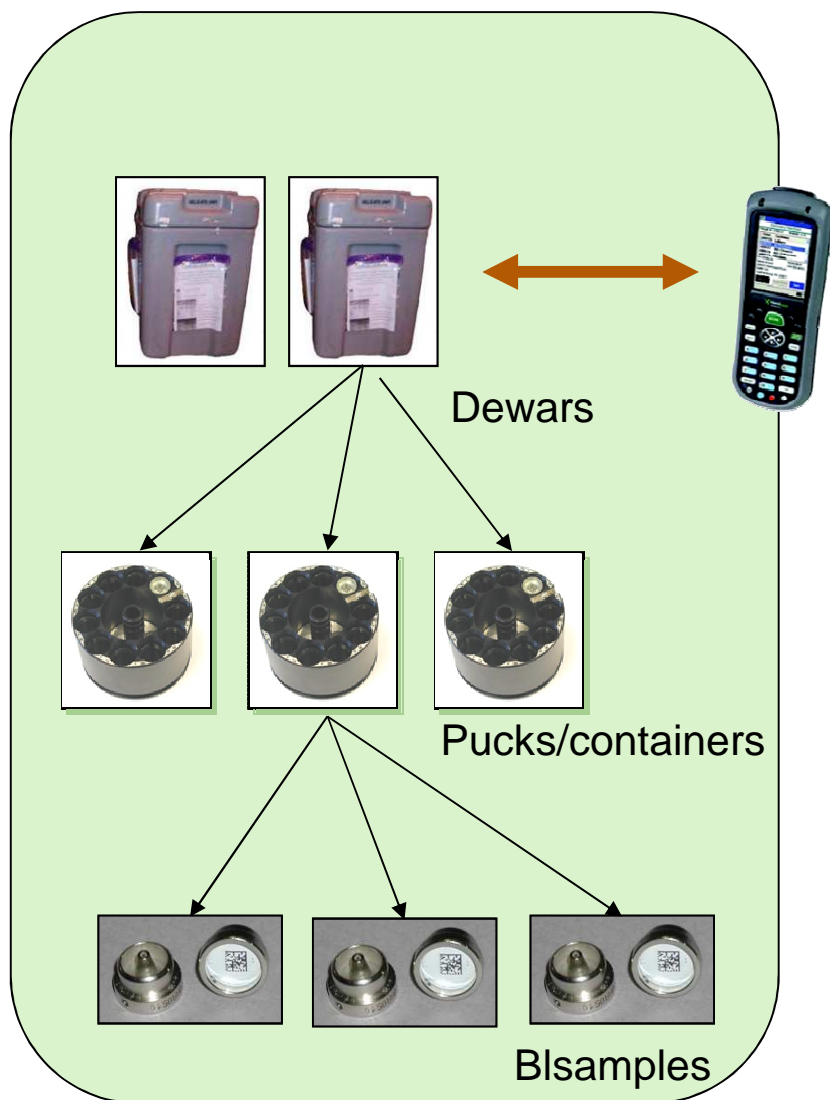
Expression Host*: ⓘ
 HEK293FS cells

Class Of Risk* ⓘ
 Class 1: biological agent unlikely to cause human disease



MX sample tracking: ISPyB

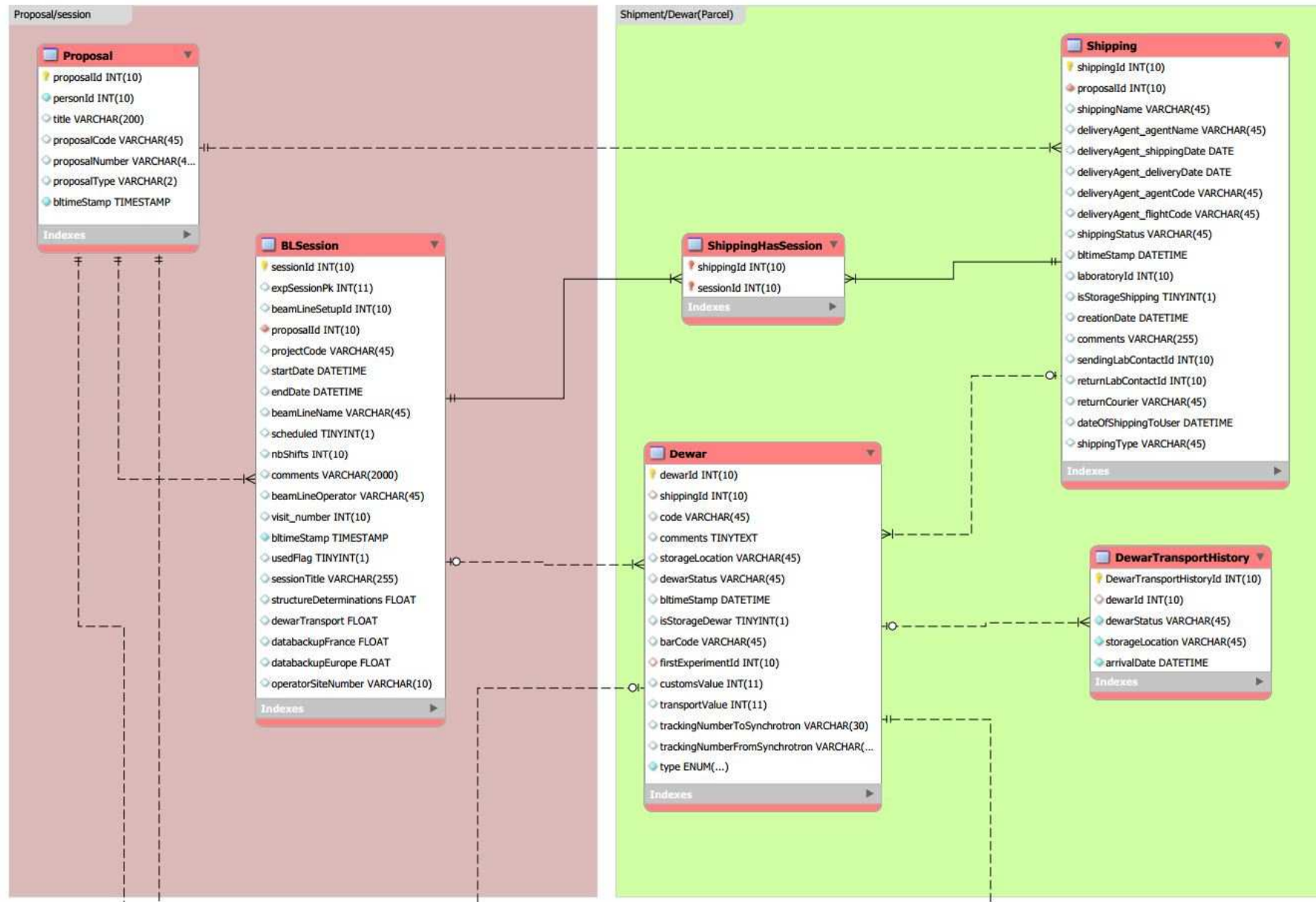
SHIPMENT



New/Edit Shipment

Details	
Creation date	2016-06-13 16:30:32.0
Shipment label	steph-test1
Number of dewars	3
Number of other components (i.e. toolbox, laser...)	2
	13-06-2016 ID29
Beamline / Experiment	
-> If you do not find your latest sessions update ISPyB database	
Comments	
Shipment status	at_ESRF
Lab-contacts	
Lab-Contact for sending	MONACO-ESRF-GRENOBLE
	Creation/Edition of a Lab-Contact card
Return adress is identical as sending adress (Y/N)	<input checked="" type="checkbox"/>
If No, Lab-Contact for Return	MONACO-ESRF-GRENOBLE
Courier accounts details for return	
These informations are relevant for <u>all</u> shipments.	
Courier company <u>for return</u> (if ESRF sends a dewar back)	undefined
Courier account	undefined
Billing reference	undefined
Average Customs value of a dewar (Euro)	0
Average Transport value of a dewar (Euro)	0

MX sample tracking: data model



Biosaxs sample tracking: user portal

ESRF **User Portal**

Accounts ▾ Proposals/Experiments ▾ Safety ▾ Administration ▾ Review Process ▾

SAMPLE INFORMATION & SAFETY SHEET

Sample #: 43132 * = Mandatory Field. ⓘ = Tooltip. = Read-Only Field.

Proposal / Experiment #: MX-415

Operation Mode Updated: Fri Jun 17, 2016 **Complete all tabs prior to submission!**

Description **Handling / Equipment** **Certify And Save**

Text Description of Sample and Protein *

Sample Description: glycoprotein 120 SANSAXS CHANNEL 09/6/16 ⓘ

Protein Acronym: gp120 ⓘ

Classification Of The Substance *

Tissue
Crystal
Powder
In Solution
Other

If Powder or Solution, concentration and/or amount of substance: 2mg/ml

If Tissue or Other, please specify:

Classification Of The Sample *

☐ Radioactive ☐ Contaminant ☐ Toxic ☐ Flammable ☐ Explosive ☐ Corrosive ☐ Oxidizing ☐ Synthetic ⓘ

☒ Biological ⓘ ☐ Other (give a short explanation):

Synthetic Or Biological Sample *

Source Organism: ⓘ

HIV

Class Of Risk ⓘ

Class 1: biological agent unlikely to cause human disease
Class 2: biological agent that can cause human disease
Class 3: biological agent that can cause severe human disease (prophylaxis, treatment available)
Class 4: biological agent that causes severe human disease (no prophylaxis, treatment available)

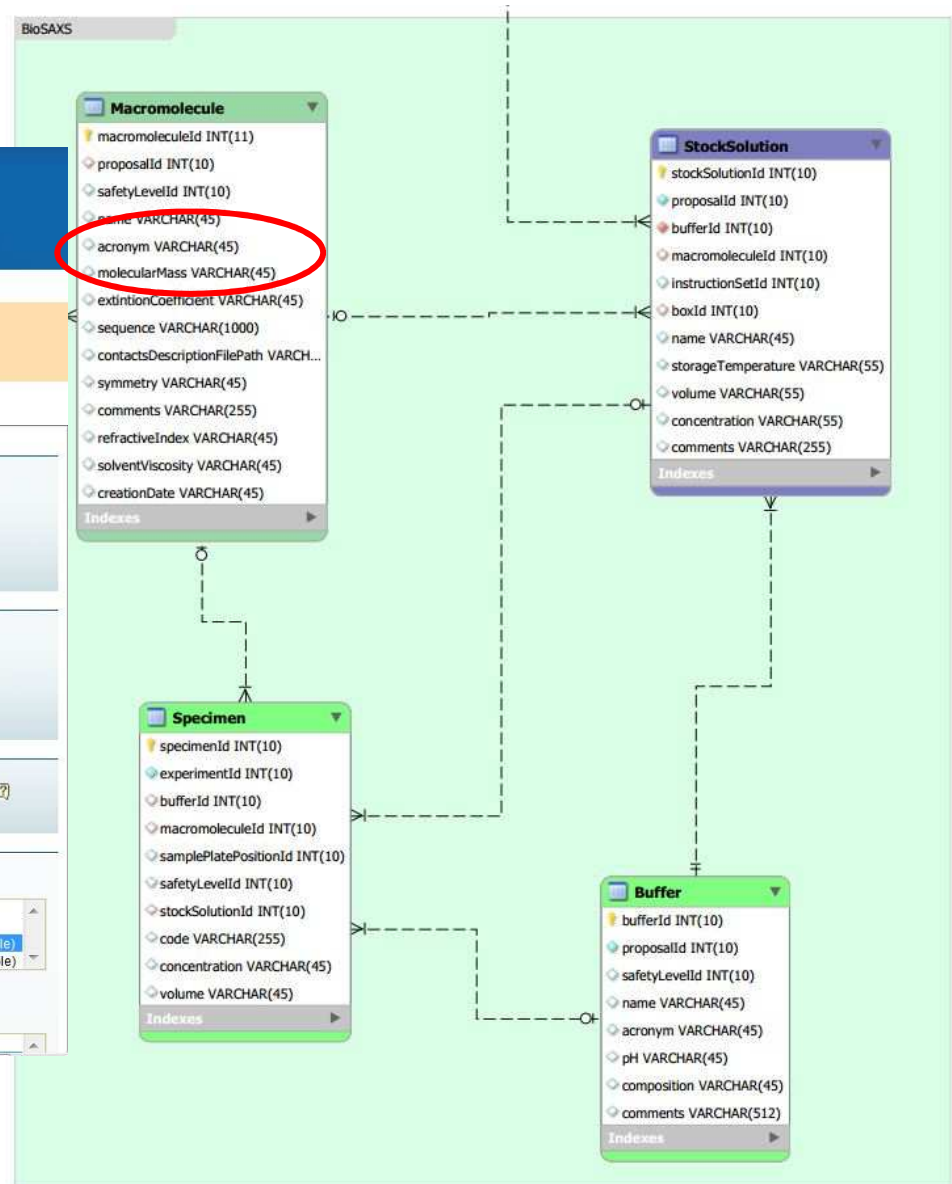
Is the sample recombinant? * ☒ (if yes: "Expression Host" and "Class Of Risk"; below must be provided)

Expression Host: ⓘ

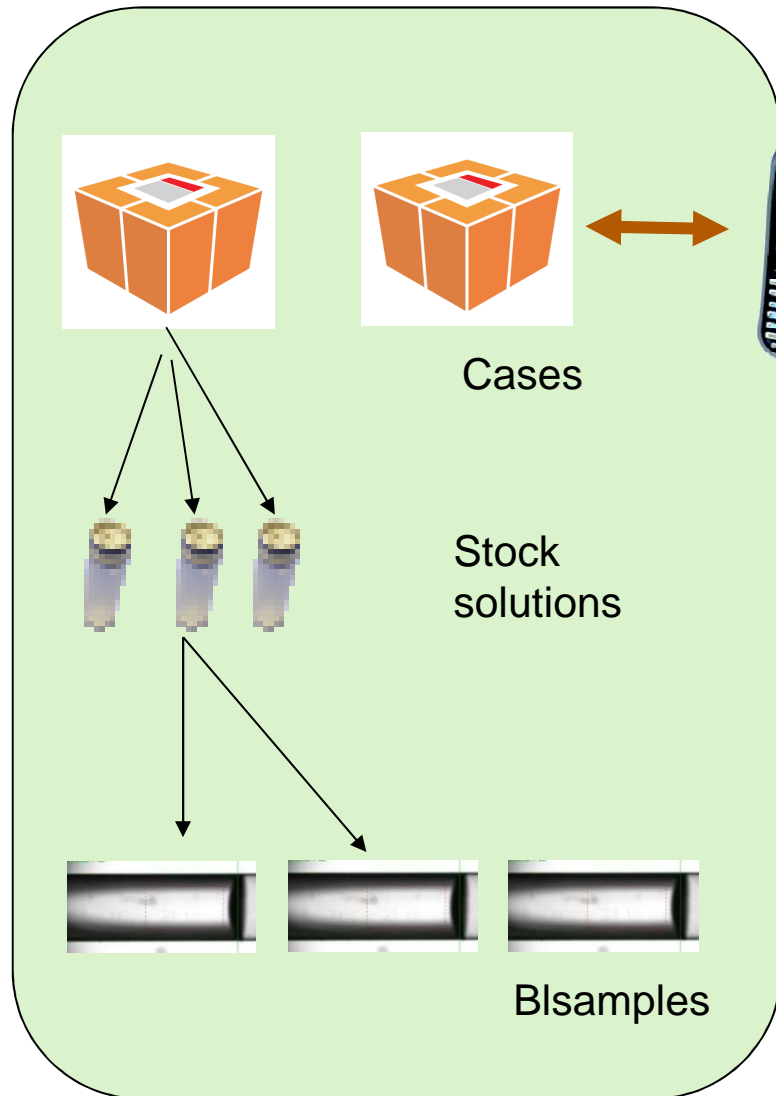
HEK293FS cells

Class Of Risk ⓘ

Class 1: biological agent unlikely to cause human disease



Biosaxs sample tracking: ISPyB



Shipment **Cases**

Details

Shipment Label:

Comments:

Status:

Lab-Contacts

Lab contact for sending:*

If No, Lab-Contact for Return:*

Warning
These informations are relevant for all shipments

Courier accounts details for return

Courier company for return (if ESRF sends a dewar back):

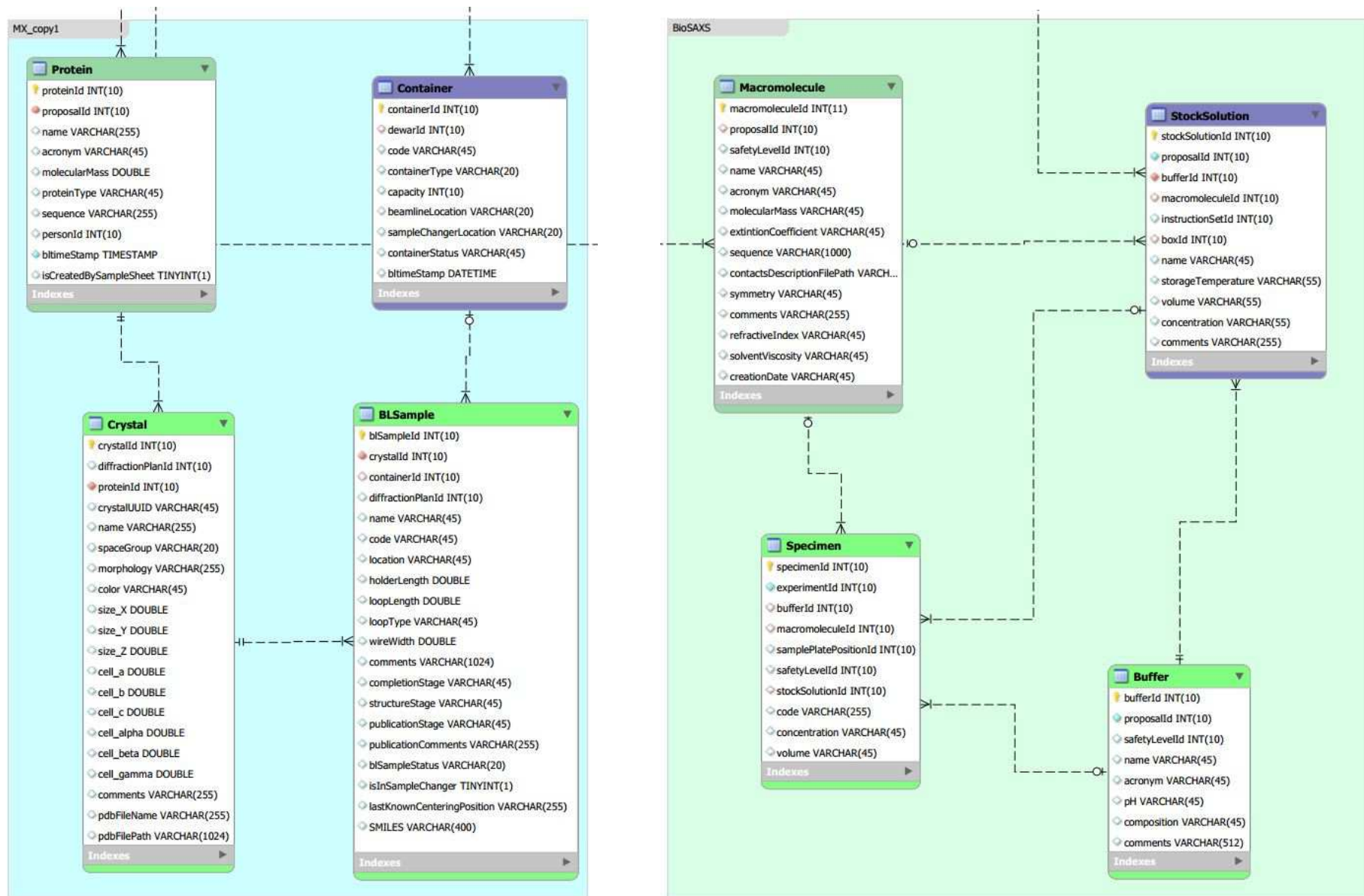
Courier account:

Billing reference:

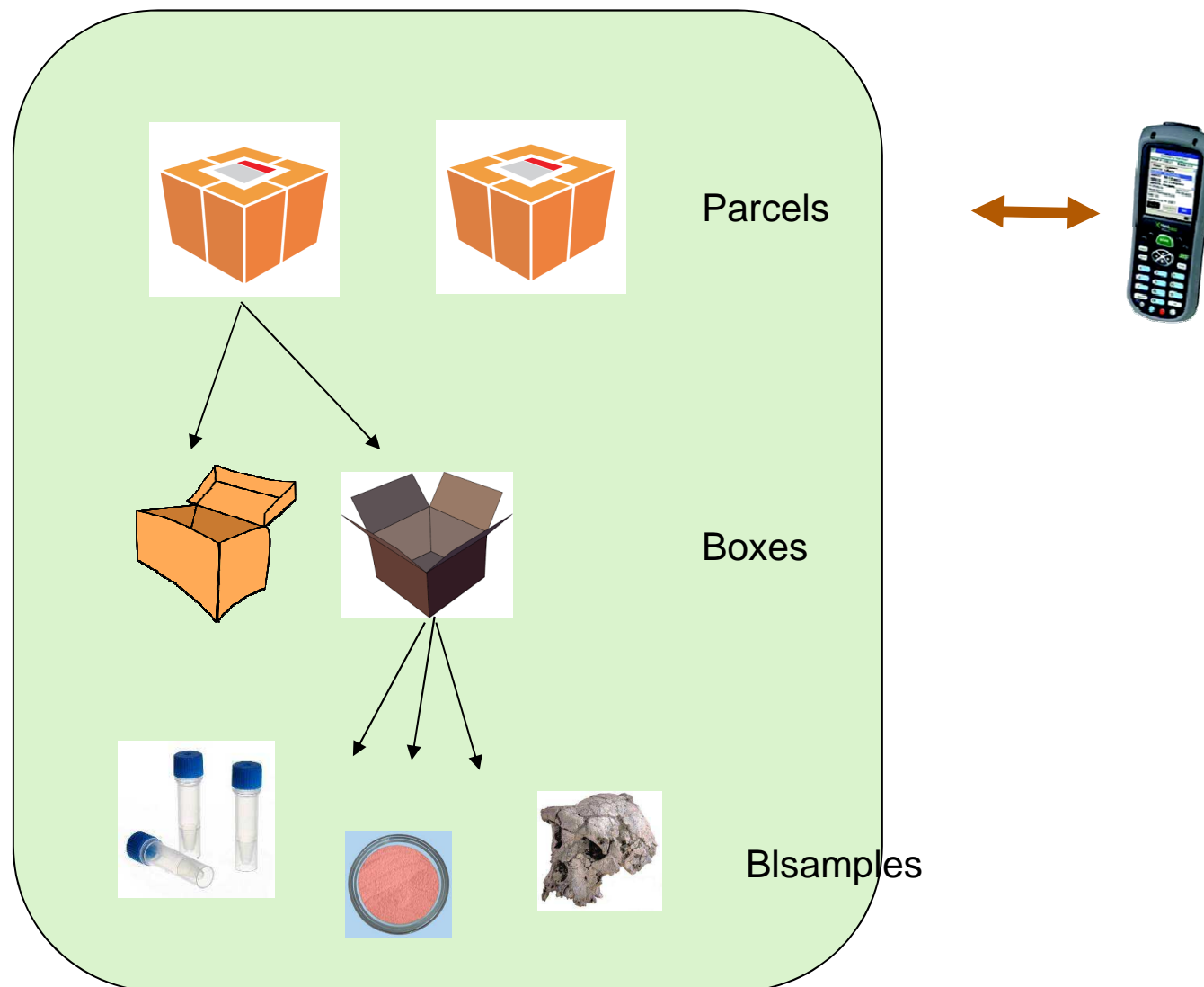
Average Customs value of a dewar (Euro):

Average Transport value of a dewar (Euro):

Biosaxs & MX sample tracking: datamodel



Generic sample tracking



Generic sample tracking: data model

Proposal / Experiment #: IX-50

Complete all tabs prior to submission!

Description Handling / Equipment Certify And Save

Text Description of Sample and Protein*

Sample Description:

Sample acronym

Form of the sample

Picklist

- Crystal
- Multilayer
- Polycrystalline
- Gel
- Liquid
- Powder
- Gas
- Polymer
- Metallic
- Nanoparticles
- Tissue
- Alloy
- Other

If "Liquid", please give details:

If "Powder", please give details:

If "Nanoparticles", please give details:

If "Other", please give details:

Classification of the sample

☐ Radioactive ☐ Flammable ☐ Toxic ☐ Oxidising ☐ Corrosive ☐ Explosive

☐ Biological* ☐ Synthetic ☐ Other

- If "Other", please give details:

*Biological: If this box checked:

Biological Sample

Source origin

Class Of Risk*

Class 1: biological agent unlikely to cause human disease
Class 2: biological agent that can cause human disease
Class 3: biological agent that can cause severe human disease (prophylaxis, treatment available)
Class 4: biological agent that causes severe human disease (no prophylaxis, treatment available)

Is the sample recombinant? ☒ (If yes, "Expression Host" and "Class Of Risk", below must be provided)

Expression Host*

Class Of Risk*

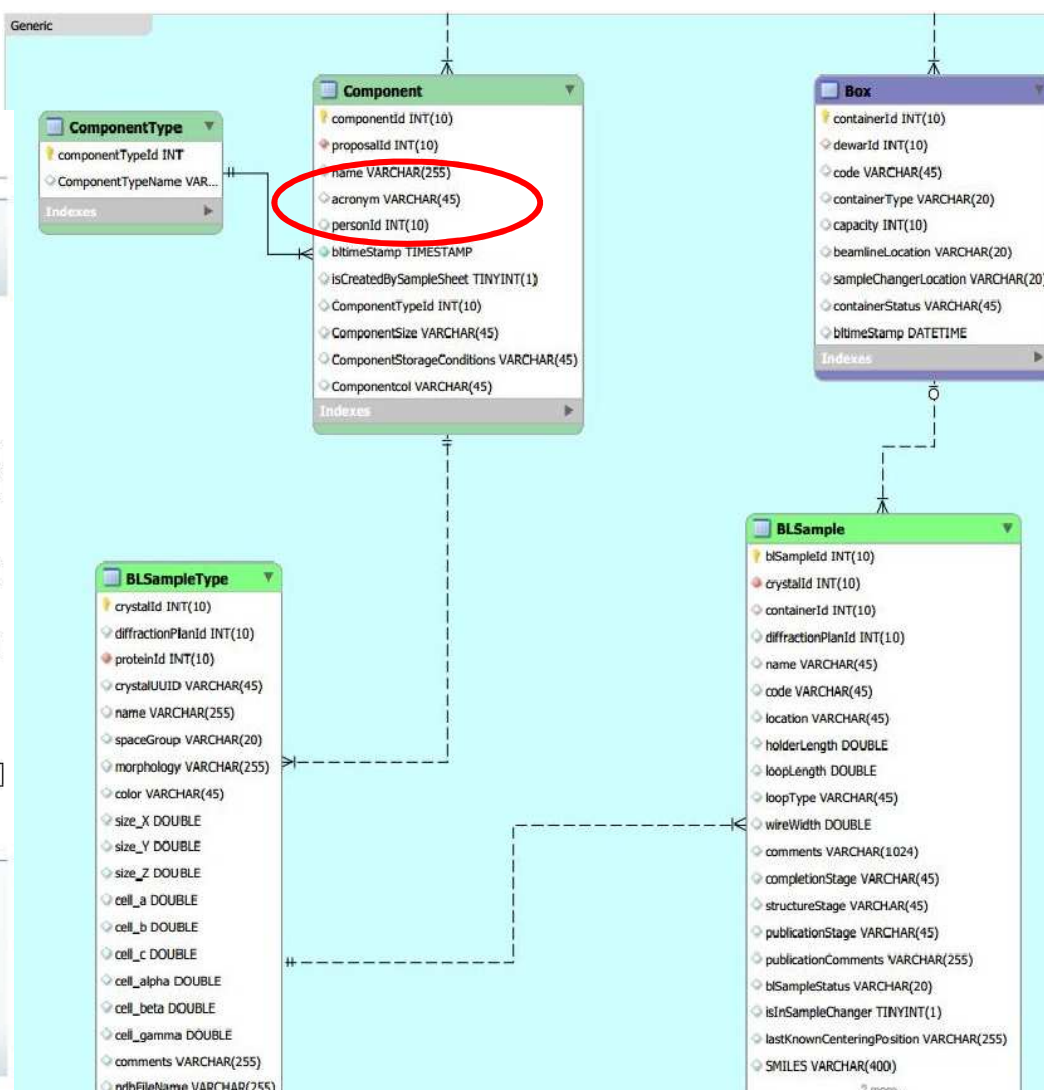
Class 1: biological agent unlikely to cause human disease
Class 2: biological agent that can cause human disease
Class 3: biological agent that can cause severe human disease (prophylaxis, treatment available)
Class 4: biological agent that causes severe human disease (no prophylaxis, treatment available)

Provide the maximum containment level in which you are working with your sample in your home institution

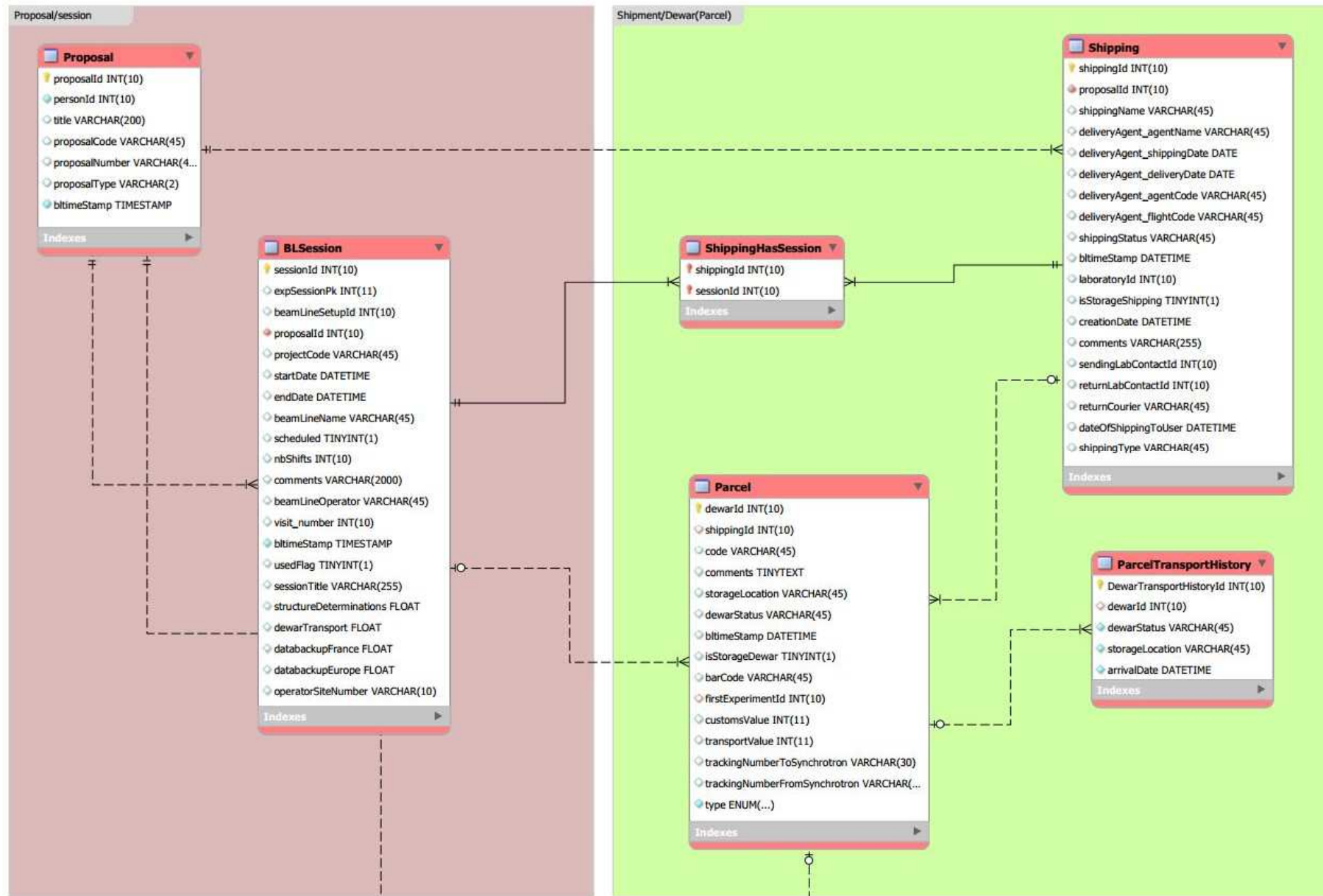
Level 1
Level 2
Level 3
Level 4

At the ESRF only Levels 1 and 2 are accepted, Levels 3 and 4 are strictly forbidden!

Please give details of manipulations to be performed at the ESRF:



Generic sample tracking: data model



Generic sample tracking: conclusion

Use the “component” tables coming from the DB merging

-> Datamodel should be ok for any other type of experiment

-> Belongs to the merging and will belong to the core

-> End of 2017 @ESRF