IU1212S01
JAN

REPORTED SERVICE INFORMATION

0073 T3

Nr	Name	Description	Date
01	SI_2014_101_0073 T3	Incorrect connection in 0055-table	2014-11-03
02	**SI_2014_102_0073 T3**	**Calibration of Autopositions**	**2014-12-12**

ARCOMA

Service information SI_2014_102_0073 T3

System type:	Serial numbers:	Date issued:
Precision systems T1-T3	All	2014-12-12
ServiceInfo number:	**Issued by:**	**Approved by:**
SI_2014_102_0073 T3	Erik Säll	Jonas Petersson
Time for action:	**Report back to Arcoma:**	**Ref nr: (ÄBO, Complaint)**
Only if problems	No	14-0655 etc
Subject:		
Calibration of Autopositions		

INFORMATION

Arcoma have received complaints about collision messages while using autopositioning functionality in the Precision T3 system. The message can come from any node but has been more frequent in X, Y, Alpha and Beta.
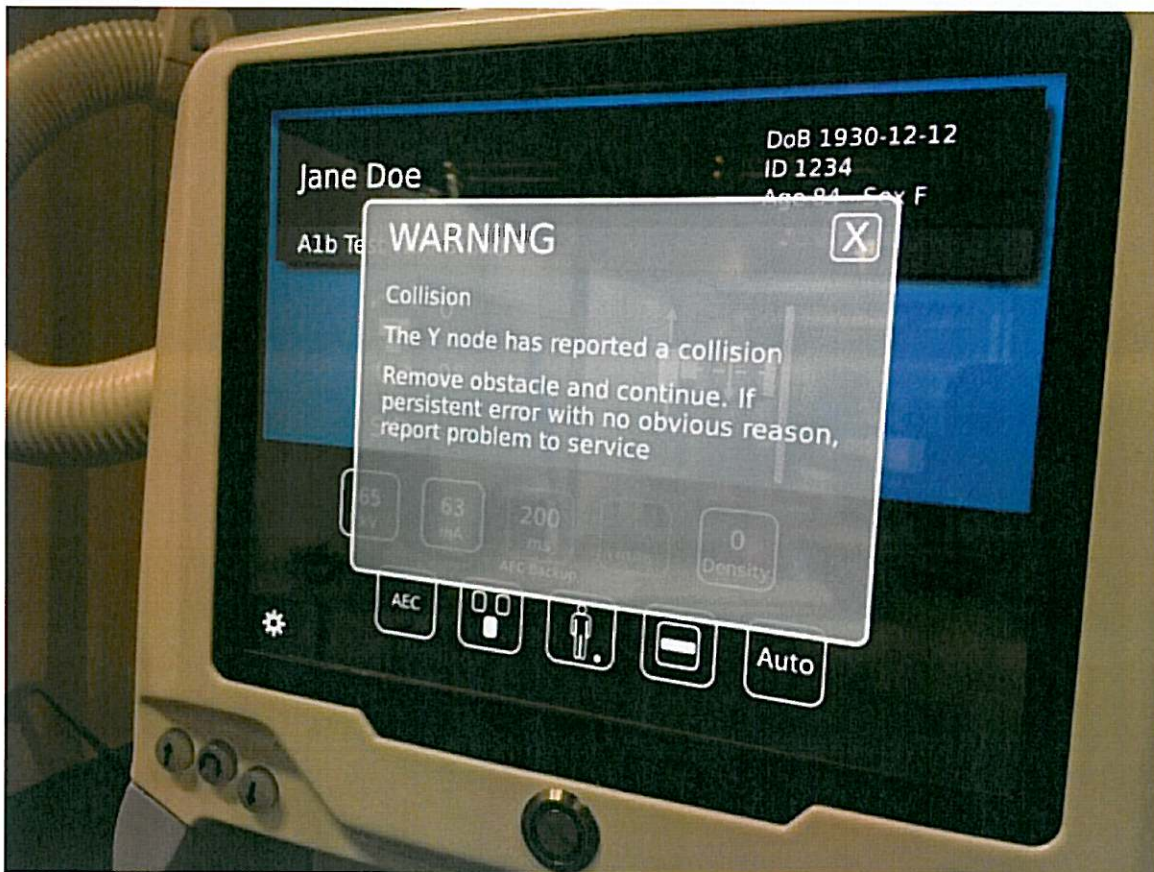

The reason for this problem on a number of sites has been incorrectly saved autopositions.

The parameter file from these sites shows that similar positions are stored a few millimetres apart making it hard for the motor nodes to find time for a controlled acceleration and deceleration before reaching the position, hence the collision.

The system will always try to move if the difference between current position and requested position is larger than specified by the *In Position accuracy* parameter for a specific node.

Example: Two positions are used against the WS. One is at an SID of 140cm and the other is at an SID of 180cm. The two saved positions have a difference in Y-direction of 5mm. The *In Position accuracy* for Y is set to 30 (3mm). When the system is in position 1 and is required to move to position 2 it will try to move 5mm in Y direction which likely will end in a collision message from the Y node.
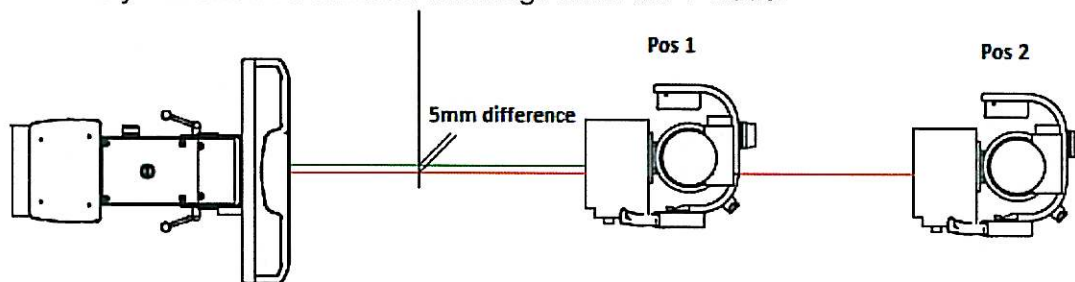
NOTE! The above is valid also for older 0070-T1 and T2 systems using the same type of positioning.

ACTION
If you experience problems like described above a reprogramming of autopositioning may be necessary.

When saving autopositions over table; use one position to save all the other table modes. Move all axes Z, X, Y, Alpha, Beta and Bucky to the required position. Without moving anything, save all required position (modes), for example Table Flexible, Filmtracking, Table Stitching etc. This way all positions will be in the exact same place and the system will not try to move when sent between them.

The same applies for positions at the wall stand; use one position to save all the other WS modes. When setting up WS positions at different SID's, make sure to move only the axis required (X or Y depending on room layout).

The parameter file can be used to confirm that "similar" positions are stored in the exact same place.

```
[NodeY]
...
...
P1PosAdress=0x65f7
P1PosValidity=0
P2PosAdress=0x65f7
P2PosValidity=0
...
...
```

QUESTIONS
If you have any questions regarding this SI, please contact Arcoma service department on service@arcoma.se or +46 470 706970.

ATTENTION
Service information
The service information is an important way for ARCOMA to reach out to our dealers and there technicians. The information is a part of our CAPA-process (Corrective And Preventive Action) and this part is to correct problems or inform you about essential parts of this process, and prevent an incident or miss use to occur.
The CE-mark to MDD Class II products is fulfilled through MDD ANNEX 2 93/42/EEC including our Quality system, the CAPA-process is a part of our Quality system.

Please take this information serious and if there is any information that is not clear do not hesitate to contact us.
Arcoma service department sends out the service information and we communicate with our E-mail. Please confirm that you have received the e-mail and understand the content.
We use an e-mail group for all our dealers; so if you change e-mail or want to have it sent to another address, please inform us.

Best regards
ARCOMA AB

Service information guide
*The information starts with a list of content of all sent Service information from Arcoma since the rutin was official. If any one is missed in your folder please let us know. The present SI is marked **bold**.*

Stand type	:	Product that the service information concerns, name and/ or product id ex. 0070 ArcoCeil
Serial numbers	:	The product serial number, -s that is concerned. This can be an interval ex. 501 – 620. If no serial number mentioned it means all.
Date issued	:	The date the service information was sent out.
Service info number	:	The number of the service information. SI_YYYY-##
Issued by	:	The person creating and sending the information
Approved by	:	The person that has approved the information
Time for action		
• *Urgent action*	:	This information states the action that has to be carried out. Immediate action or closing the lab
• *As soon as possible*	:	Book the room at the hospital as soon as it is possible. If it is information to the hospital please send it at once.
• *When convenient*	:	At next service booked
• *Only if problems*	:	If a problem as described appear take action.
Report back	:	Report back with serial number when action has been performed
Subject	:	A header of the Service information
Ref nr:	:	Reference to internal or external reference number. Ex 13467, ÄBO_50430_01