# FE exchange program India, October-November 2015

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Imagination at work.

## Service Organization RCIS region



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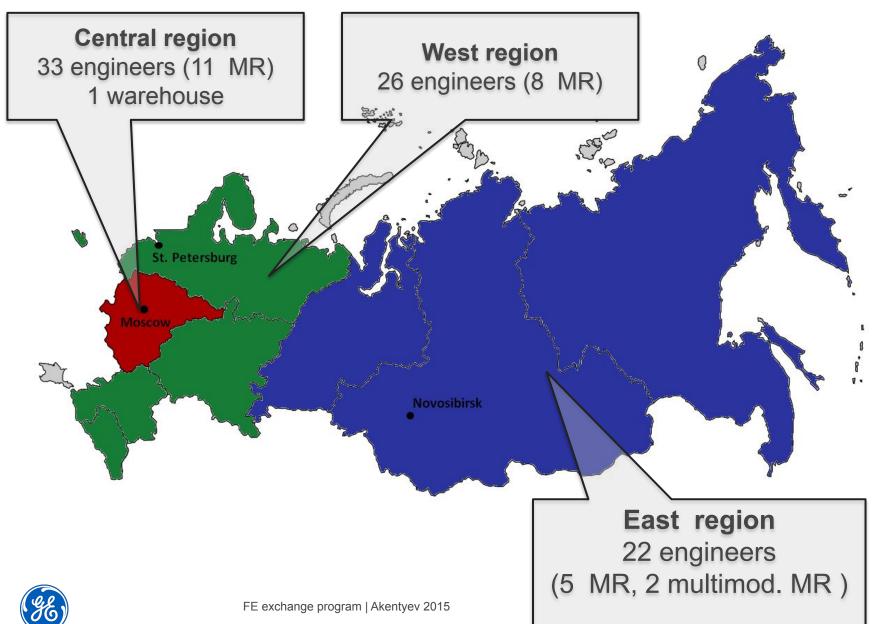
Maxim Vereshchaka Project Manager

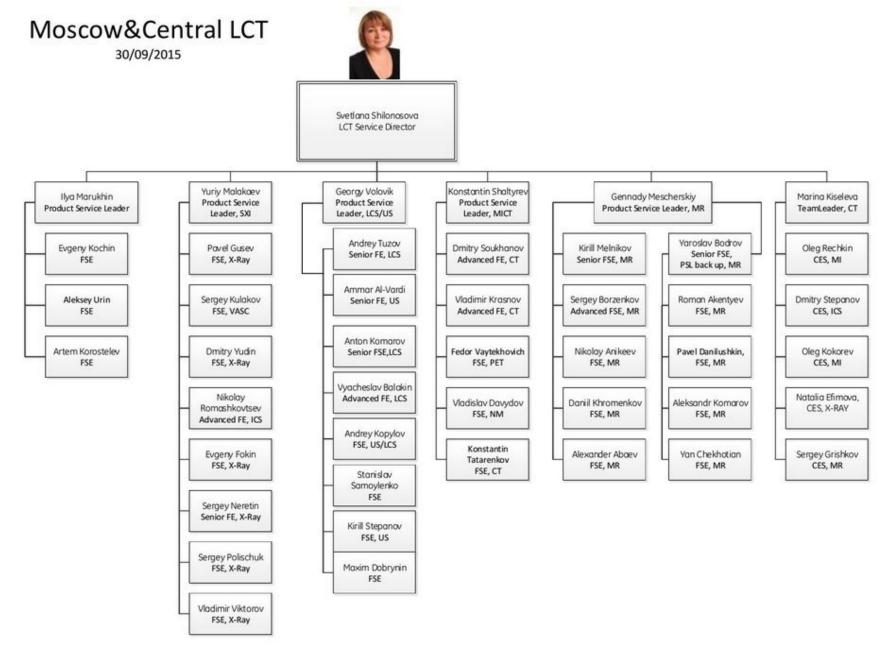


Andrey Bychenko LCT Service Director, CIS LCT



### **Russian Federation**







## Features in service practice

#### **RUSSIA**

- Coordinators department (call center): coordinate FE schedule beforehand (PM, part replacement), communicate with customer.
- FE do installation procedures
   (unpacking, positioning (except a magnet), cabling).
- Provide air conditioning system for magnet and equipment room (by vendor).
- FE write a message to all Russia MR
   FE after visiting a site.

#### **INDIA**

- Monthly meeting with manager,
   FE have access to operational metrics.
- Primary FE for a site. FE organize site visiting and communicate with customer.
- Power problem (short-term shutdown)
- Telephone call to manager from customer. Provide service 24/7.
- Magnet Monitor on the operator room.
- Pressure set to 2 psi for some magnet.



## Ways to improve India Service

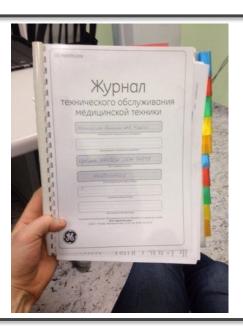
- Create the possibility of using LogBook in the site.
- Use iPad (or other mobile devices) to debrief the job and enter data to eGIB.
- Use a hoist kit for replacement heavy part and uniform for working with cryogenic system and during installations.
- Stickers can be placed on the compressor (with absorber replacement date).
- Regulate a temperature in the magnet room (comfort for a patient).
- Safety UPS batteries.
- MRU power.
- Subject e-mail messages with identifications.
- Uniforms for FE (shirt, t-shirt or polo with GE logo).
- Work/life balance: Customer provide a time during midday for PM. Special FE for emergency call during weekend/night time (FE schedule).



## Log book

### It contains:

- FE report;
- Customer remarks;
- Useful calibration parameters;
- List of parts installed on the system.





## **UPS** battery safety

Unintentional touching electrodes can occur a serious injury.





It is safety to use battery cabinet with additional air cooling (if required), lock and warning signs.





## **Stickers**

Stickers on the compressor (with absorber replacement date). Help to understand the requirement of replacement.

5264644 - absorber FRU part



## MRU power

Power for MRU should always be present (for safety reason).





## E-mail subject from

Create a rule for FE to write a subject e-mail message. For example:

System ID\_HospitalName\_SystemModel\_Topic It will help to find a letter in a history and track problems in outlook program.

## Uniform for FE

Uniform (shirt, t-shirt, polo with GE logo) can identify GE Field engineers.





# Ways to improve Russian Service from India

- Telephone call to customer without inside connection (every day monitoring cryogen parameters).
- Use safety static equipment during repair parts.
- SMS notification to FE (during ordering a part).
- 5 days for closing a job after replacement a part.
- Approved GE vendor for cleaning a technical room.
- Monthly meeting with manager, FE have access to operational metrics.
- Security box for MRU.
- Use RF door without spring metal contact.



