4th March 2022

D. Bozzini, TE-MPE-SF
Agenda in Indico: https://indico.cern.ch/event/1134990/

- Progress with Electrical Failure Mode Analysis of IT STRING – T. Otto
- Status and progress report on IT-String SSA’s – D. Bozzini
- Safety form and clearance for dedicated IT-String UPS – D. Bozzini
Status and progress report on IT-String SSA’s

IT String Safety – Roles and responsibilities*

Status:
- Following the presentation of this proposal at the TETM a new flowchart has been worked out and submitted to TE management
- Introduction of the IT-String TSO role
- Looking forward for TE management nomination of IT-String TSO

DH  Department Head
GL  Group Leader
PL  Project Leader
DSO  Departmental Safety Officer
TSO  Territorial Safety Officer
PSO  Project Safety Officer
HSE  Health, Safety & Environmental
EROS  Engineering Referent for Operational Safety
TC  Technical Coordinator

TE-DL  Miguel Jimenez
TE-MPE-GL  Felix Rodriguez Mateos
TE-MPE-SL  Marta Bajko
IT-STRING TSO  Davide Bozzini
SM18 TSO  Patrick Viret
TE DSO  Delphine Delrieux-Letant
HL-LHC PSO  Thomas Otto
IT-STRING HSE  Carlos Gascon
EROS  Emanuel Paulat

IT-STRING TSO
SM18 TSO
TE-DL
TE-DSCO
TE-MPE-GL
TE-MPE-SL
IT-STRING HSE
HL-LHC PSO
IT-STRING
SM18
EROS

* According to SR-SO "Responsibilities and organizational structure in matters of safety at CERN"
Update of Prepared / verified / approved members (proposal)
Prepared  T. Otto, D. Bozzini, WP6A representative (To be nominated)
Verified  A. Ballarino, S. Yammine, D. Letant-Delrieux, C. Gascon, M. Zerlauth
Approved  M. Bajko, M. Pojer, F. R. Mateos, A. Devred, M. Jemenez, Y. Loertcher, O. Bruning

Update of Prepared / verified / approved deadlines (proposal)
Prepared  July 2022
Verified  August 2022
Approved  September 2022
Status and progress report on IT-String SSA’s

Update of Prepared / verified / approved members (proposal)

Prepared  G. Rolando
Verified  A. Perin, N. Guillotin, T. Otto, D. Bozzini, S. Yammine, D. Letant-Delrieux, C. Gascon, M. Zerlauth
Approved M. Bajko, M. Pojer, D. Delikaris, F. R. Mateos, M. Jemenez, Y. Loertcher, O. Bruning

Update of Prepared / verified / approved deadlines (proposal)

Prepared  April 2022
Verified  May 2022
Approved  June 2022
Status and progress report on IT-String SSA’s

Update of Prepared / verified / approved members (proposal)

Prepared  T. Otto, N. Grada, D. Bozzini
Verified   S. Yammine, A. Ballarino, E. Todesco, M. Martino, D. Letant-Delrieux, C. Gascon, M. Zerlauth
Approved  M. Bajko, M. Pojer, D. Delikaris, A. Devred, F. R. Mateos, M. Jemenez, Y. Loertcher, O. Bruning

Update of Prepared / verified / approved deadlines (proposal)

Prepared  July 2022
Verified   August 2022
Approved  September 2022

Status and progress report on IT-String SSA’s

Update of Prepared / verified / approved members (proposal)

Prepared  T. Otto, N. Grada, D. Bozzini
Verified  S. Yammine, A. Ballarino, E. Todesco, M. Martino
D. Letant-Delrieux, C. Gascon, M. Zerlauth
Approved  M. Bajko, M. Pojer, D. Delikaris, A. Devred, F. R. Mateos, M. Jemenez, Y. Loertcher, O. Bruning

Update of Prepared / verified / approved deadlines (proposal)

Prepared  September 2022
Verified  October 2022
Approved  November 2022
In two weeks SSA of cryogenic for IT-String will be presented

What is the status of single elements SSA’s?
Thus, HSE endorse the proposed solution to exclude any action on the dedicated IT-String UPS from AUG buttons in SM18. HSE recommends to categorize the HL-LHC IT-String UPS as safety equipment securing energy extraction process in case of power cut and to be supplied from secured network. The UPS and all racks, equipment or systems supplied from this UPS shall have special distinctive markings (fluorescent stripes) and/or be fluorescent orange in colour. In addition, cable shall be fire resistant used in safety systems supplies.
Upcoming topics

18th March
- Readiness of cryogenic for IT-String SSA  
  G. Rolando  
  Confirmed
- Outcome and lessons learned from DPCM pressure tests  
  G. Rolando  
  Confirmed
- IT-String IMPACT deployment and functionalities  
  D. Bozzini  
  Confirmed
- AUG changes requirements  
  D. Bozzini  
  Tentative

1st April
- Methodology review for Functional/Dysfunctional Analysis (FDA)  
  D. Bozzini  
  Tentative
- FDA for WCC cooling system – input from EL and CV  
  F. Dragoni & EN-EL  
  Tentative
- ....
Thank you for your attention