

Glossary

- ADP, Acceptance Data Package (documentation linked with the deliverable)
- CDIR, CRPP Direction
- CQMS, CRPP Quality Management Electronic System
- GL, Group Leader
- CPL, CRPP-Planner
- PM, Project Manager
- PMP, Project Management Plan
- PT, Project team

- QM, Quality Manager of CRPP
- QR, Quality Representative for the project
- RO, Responsible Officer
- SEC, Secretary
- TR, Technical Representative
- WBS, Work Breakdown Structure
- WPC, Work Package Controller
- Approval, validation by client
- Review, internal critical presentation to peers & GL
- Validation, internal validation by hierarchy

081008

Rel.	Date	Designation	Author	Checked
0.0.1	23.10.08	Reworked to include corrective actions in NC management processes & comments changes	Léonard	
0.0.0	08.10.08	First design for ITERMAG & CRPP	Léonard	

ABNORMALITY MANAGEMENT PROCESS

RESP.

TR
QR
Panel

QM

PM

CDIR

QR
PM
CPL

QM
TR
PM

CDIR

Start
from Segregation process / minor deviation

Definitions:

- **Corrective actions** are the actions to eliminate the cause of a defected nonconformity or another undesirable situation:
 - Necessary actions to correct the defective parts (scrap & remake, rework, us as is), and
 - change request to modify either the design of the part, or the way to realize it or both.
- **Preventive actions** are the actions which aim at eliminating the cause of a potential non-conformity or other undesirable potential situation:
 - change request to modify the organisation of the association or consortium, its management processes including PMP
 - investments in new competences and equipments,
 - new suppliers and subcontractors

QR and a specific panel:

- identify the immediate and underlying causes of the non conformity,
- propose corrective actions (scrap and remake, use as is, rework, including decision on segregated items) and change requests if needed,
- evaluate cost, time to implement them, and impact on safety
- complete standard NC report with forecasted corrective actions,
- record the NC on minor NC list.

Documentation:

- Abnormality report becomes standard NC report

Immediate and underlying causes identification

Identification of corrective actions

Impact analysis:
▪ cost
▪ schedule
▪ safety

no
QM validation?

yes

no
Impact on supplier?

yes

Negotiation with supplier

Documentation:

- Letter agreement between supplier and CRPP/Consortium

no
CDIR approval?

yes

▪ Update
▪ NC report & Minor NC List
▪ schedule
▪ budget
▪ Sent NC list update to client

Templates & documentation:

- Minor NC list template →
- Minor NC list
- Standard NC report

Implement corrective actions

▪ Check & record effectiveness of the corrective actions
▪ Report to CDIR

Documentation:

- Standard NC report

no
CDIR approval?

yes

Stop
End of minor NC process, towards Curative action process

Validation of the proposal:

- by QM on quality and process aspects.

Negotiation with supplier according to the importance of the impact

- Conducted by who has ordered with the help of TR, QR and or PM as the case may be
- Objectives : fix who will take in charge what, schedule, eventual penalties, implementation of quality improvement

Approval:

- by CDIR or consortium PL for minor defect

QM with assistance of concerned responsible:

- implements the corrective actions,
- controls and records their efficiency on the standard NC report

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081022

Rel.	Date	Designation	Author	Checked
0.0.2		Added issue and process on Impact on supplier		
0.0.1	23.10.08	New design common to CRPP & ITERMAG, related to the Abnormality management process	Léonard	
0.0.0	11.04.08	First design for CRPP	Léonard	

MANAGEMENT PROCESS FOR MINOR NON CONFORMITY

RESP.

TR
OR
Panel

QM

PM

CDIR

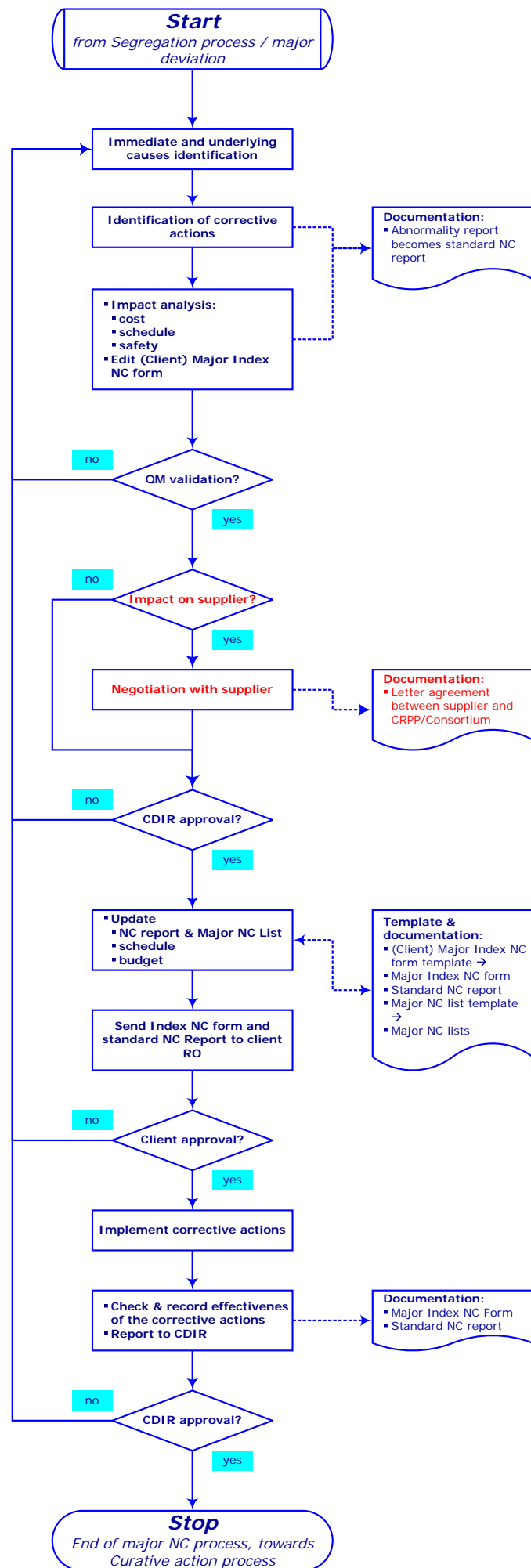
OR
PM
CPL

OR

Client

OR
TR
PM

CDIR



Definitions:

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 - change request to modify either the design of the part, or the way to realize it or both.

▪ **Preventive actions** are the actions which aim at eliminating the cause of a potential non-conformity or other undesirable potential situation:

- change request to modify the organisation of the association or consortium, its management processes including PMP
- investments in new competences and equipments,
- new suppliers and subcontractors

QR and a specific panel:

- identify the immediate and underlying causes of the non conformity,
- propose corrective actions (scrap and remake, use as is, rework, including decision on segregated items) and change requests if needed,
- evaluate cost, time to implement them, and impact on safety
- complete standard NC report with forecasted corrective actions,
- record the NC on minor NC list.

Validation of the proposal:

- by QM on quality and process aspects.

Negotiation with supplier according to the importance of the impact

- Conducted by who has ordered with the help of TR, OR and or PM as the case may be
- Objectives : fix who will take in charge what, schedule, eventual penalties, implementation of quality improvement

Approval:

- by CDIR or consortium PL for minor defect

QM with assistance of concerned responsible:

- implements the corrective actions,
- controls and records their efficiency on the standard NC report

Glossary

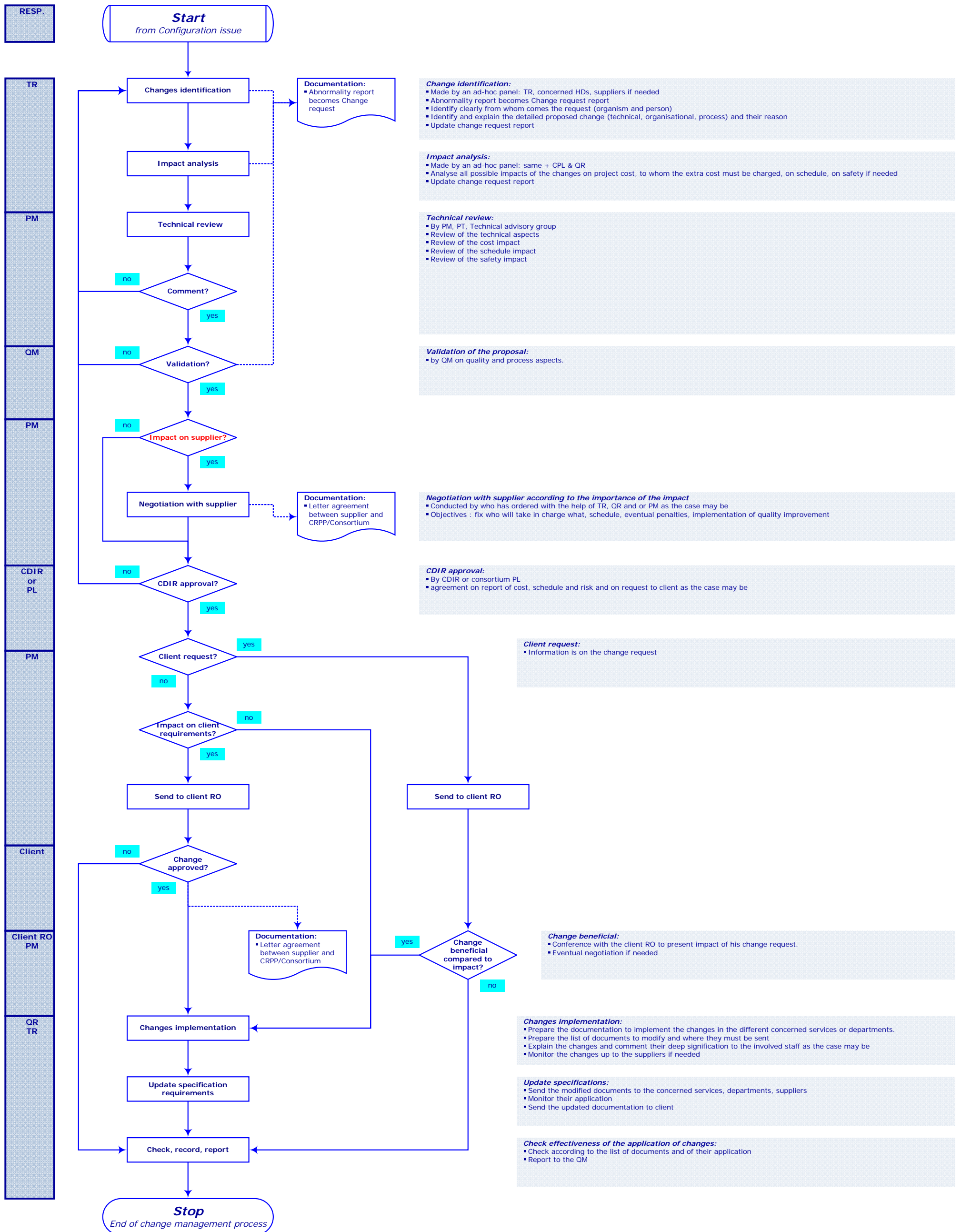
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- SEC, Secretary
- TR, Technical Representative
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081022

Rel.	Date	Designation	Author	Checked
0.0.1	27.1.08	Added issue and process on Impact on supplier	Léonard	
0.0.0	23.10.08	New design common to CRPP & ITERMAG, related to the Abnormality management process	Léonard	

MANAGEMENT PROCESS FOR MAJOR NON CONFORMITY



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- GL, Group Leader
- CPL, CRPP-Planner
- PL, Consortium Project Leader
- PM, Project Manager (Contract Manager)
- PMP, Project Management Plan
- PT, Project team

- QM, Quality Manager of CRPP
- QR, Quality Representative for the project
- RO, Responsible Officer
- SEC, Secretary
- TAG, Technical advisory group
- TR, Technical Representative
- WBS, Work Breakdown Structure
- WPM, Work Package Manager
- Approval, validation by client or CDIR
- Review, internal critical presentation to peers & GL
- Validation, internal validation by hierarchy

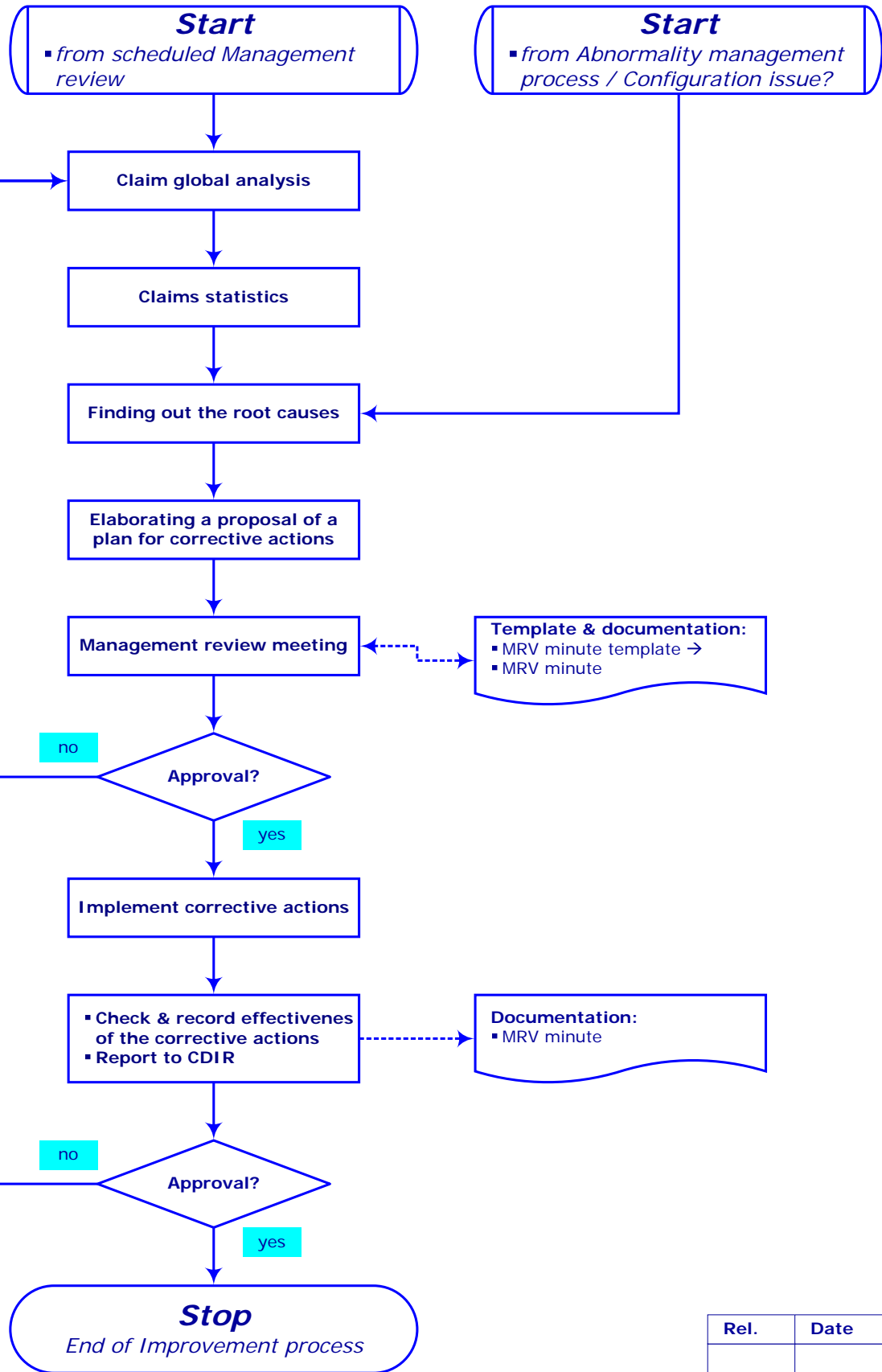
081024

Rel.	Date	Designation	Author	Checked
0.0.1		Changes for PROM3 in red		
0.0.0	24.10.08	New design common to CRPP & ITERMAG, related to the Abnormality management process	Léonard	

MANAGEMENT PROCESS FOR CHANGE REQUEST

RESP.

QM
 QM
 CPL
 TR
 CDIR
 QM
 QRs
 PMs
 TRs
 QM
 PM
 QR
 TR
 CDIR



Definitions:

- Preventive actions are the actions which aim at eliminating the cause of a potential non-conformity or other undesirable potential situation:
 - change request to modify the organisation of the association or consortium, its management processes including PMP
 - investments in new competences and equipments,
 - new suppliers and subcontractors

Claim global analysis of the period under review: Record of the all the claims of the period under review:

- abnormality reports
- non conformity reports
- changes request reports
- corrective actions reports
- preventive actions reports
- audit reports
- intervention reports
- acceptance reports

Establishing the claims statistics versus time, per cause or type of claim

- Finding out the possible root causes of the different claims, claim by claim (cause tree, ..)
- Establishing the curative actions
- Establishing a proposal to implement them, cost, schedule, expected results

Meeting with CDIR, QM, QRs, TRs, PMs

- At that stages, the causes come from defective processes or organisation
- Review of the analysis, causes of claims, proposed curative actions, budget, schedule and expected results.
- Decision of the direction : approved, to be modified, rejected
- Minutes of the Management review meeting

- Implement curative actions
- Check of the results
- Report to CDIR
- Eventual loop if necessary

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0.0.0	081110	First design for CRPP	Léonard	

MANAGEMENT PROCESS FOR IMPROVEMENT (or preventive actions)