

MAGiC TG2 feedback

IKON 13



Timeline up to the meeting

- 3rd instrument to go through the TG2 meeting
- 23/06/2016: STAP meeting
- 19/10/2016: Scope setting meeting
- 23/12/2016: TG2 documentation submitted
- 12/01/2017: internal review from ESS groups
- 31/01/2017: TG2 meeting



Timeline up to the meeting

Juin 2016							Juillet 2016							Août 2016						
lu	ma	me	je	ve	sa	di	lu	ma	me	je	ve	sa	di	lu	ma	me	je	ve	sa	di
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13	14	15	16	17	18	19	11	12	13	14	15	16	17	15	16	17	18	19	20	21
20	21	22	23	24	25	26	18	19	20	21	22	23	24	22	23	24	25	26	27	28
27	28	29	30				25	26	27	28	29	30	31	29	30	31				
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Septembre 2016							Octobre 2016							Novembre 2016						
lu	ma	me	je	ve	sa	di	lu	ma	me	je	ve	sa	di	lu	ma	me	je	ve	sa	di
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Décembre 2016							Janvier 2017							Février 2017						
lu	ma	me	je	ve	sa	di	lu	ma	me	je	ve	sa	di	lu	ma	me	je	ve	sa	di
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Mars 2017							Avril 2017							Mai 2017						
lu	ma	me	je	ve	sa	di	lu	ma	me	je	ve	sa	di	lu	ma	me	je	ve	sa	di
		1	2	3	4	5						1	2	1	2	3	4	5	6	7
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7 months between first documentation draft and actual review

The TG2 meeting

- TG2 -14: internal review
- **TG2 -1**: discussions at ESS to solve the most problematic/unclear cases => saves a lot of time !
- TG2 day:
 - interactive discussion covering all aspects of the project (optics, shielding, cave, ...)
 - review from technical groups
 - closed session
 - feedback and preliminary report

TG2 report

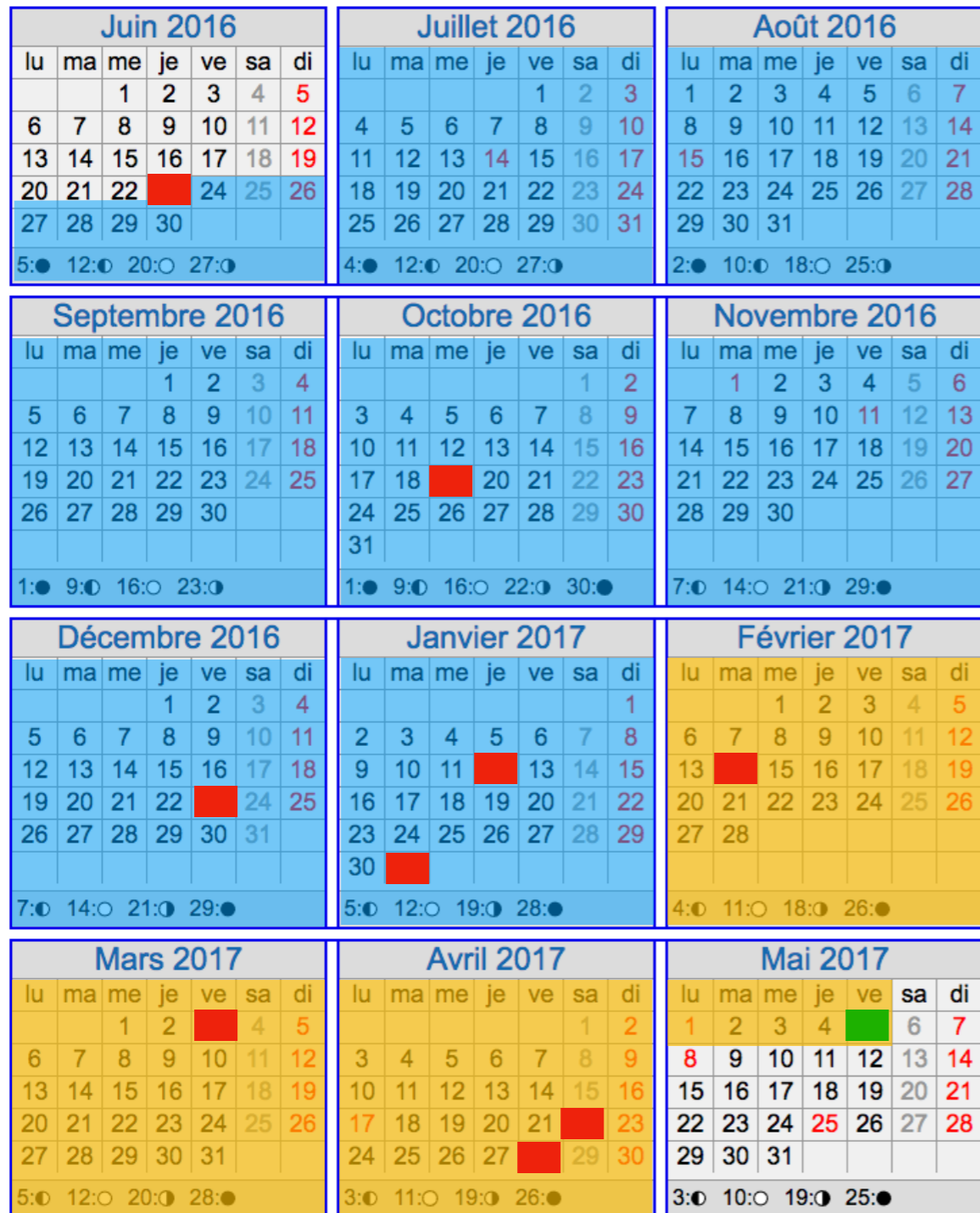
1. High Level Scientific Requirements:
 - Inconsistencies in the documentation and clarification.
 - Wording of the system requirements (shall/should/allow ...)
2. Check physical interfaces with neighbors and ESS infrastructure:
 - Define critical date for PSC approval
 - Collaborate with ESS integration engineers, to integrate the PSC
 - Clash with MIRACLES choppers
3. Polarization analyzer delivery is inconsistent with TG5 & TG6 schedule.
 - Split the delivery if required.
 - Add a dedicated milestone.
 - Describe commissioning in "*Initial ops & staging plan*"
4. Detector delivery:
 - Define critical date for TG3 on detector system to begin procurement process
 - Clarify mitigation plan.
5. Ensure viability of the light shutter design. If impossible provide a backup plan.
6. Clarify scope of the instrument.
7. Provide a floor plan of the instrument in its intended position

The road to phase 2

- 14/02/2017: TG2 report received
- 03/03/2017: first revision of documentation
- 14/03/2017: first poke
- 21/04/2017: second poke
- 22/04/2017: feedback received with minor changes focused on wording/phrasing
- 28/04/2017: second revision of documentation
- 05/05/2017: TG2 acceptance letter from Andreas



Timeline



10.5 months in total

**3 months delay
compared to
schedule**

Pros and cons



Useful feedback from the STAP and preliminary review
Homogeneous documentation exists
TG2 meeting is dense but efficient !



**Heavy documentation requirements ... part of it being just
⌘C/⌘V or redundant (inconsistencies)**

Scope and budget are set before some ESS ones ...

**Short/firm deadlines on our side vs slow response time
from ESS to instruments**

No real discussion after the closed sessions (SSM, TG2)

Thanks !