



## FD CAEN POWER SUPPLY

Errors appeared on upgrade from SY1527 to SY4527:

- A) Any channel ON were turned OFF without any apparent reason.
  - One LV board cause this conflict at Los Leones;
  - One HV board cause this conflict at Loma Amarilla;
  - The boards affect the new system but not the old one;
- B) After a power cut, random bays couldn't be turned ON.
  - After resetting several times you can recover all the bays;
  - Firmware problem;
  - CAEN technicians sent an new firmware;
  - In the last 5 months only LL and LA had this issue a couple of times;
- C) Communication problem between CAEN system and Slow Control.
  - This issue cause that CAEN can not be controlled by Slow Control;
  - There is an incompatibility between CAEN system and Slow Control since the last one runs over WinXP while the first one does on Win7 or higher;
  - CAEN's Technicians sent a new OPC server to save this incompatibility but this couldn't solve all the problem;
  - There is a hardware solution in all the FDs that save this incompatibility that delay the CAEN startup to get caught by Slow Control;

	Los Leones	Los Morados	Loma Amarilla	Coihueco
Problems	A, B, C	B, C	A, B, C	B, C

### Summarizing

- All the units works but there are around them a couple of solutions that allow the old and new system live together;
- This is totally transparent for final users (shifters mainly)



## Current Shift

- Regular FDs running;
- No HEAT, LIDARs due to possible mechanical problems that force big interventions;
- No big problems up to now (small issue with LM GPS, solved promptly);
- Shifters: local team (Malargüe) + remote stations (Kralow, KIT, Lecce). Not high impact for Malargüe this time;

nights	start date	stop date	daq night duration	total night duration	Shifters / Groups																		
					Malargue Team			Krakow 2 Team					KIT Team					Lecce Team					
					start ART	stop ART	duration	start ART	start Krakow	stop ART	stop Krakow	duration	start ART	start KIT	stop ART	stop KIT	duration	start ART	start Lecce	stop ART	stop Lecce	duration	
Tu	1	2020-05-12 20:10	2020-05-13 00:26	04:16	06:16	18:10	00:56	06:46															
We	2	2020-05-13 20:09	2020-05-14 01:37	05:28	07:28				18:09	23:09	02:07	07:07	07:58										
Th	3	2020-05-14 20:09	2020-05-15 02:59	06:50	08:50				18:09	23:09	03:29	08:29	09:20										
Fr	4	2020-05-15 20:08	2020-05-16 05:34	09:26	11:26				18:08	23:08	06:04	11:04	11:56										
Sa	5	2020-05-16 20:07	2020-05-17 06:57	10:50	12:50				18:07	23:07	07:27	12:27	13:20										
Su	6	2020-05-17 20:07	2020-05-18 06:58	10:51	12:51				18:07	23:07	07:28	12:28	13:21										
Mo	7	2020-05-18 20:06	2020-05-19 06:59	10:53	12:53				18:06	23:06	07:29	12:29	13:23										
Tu	8	2020-05-19 20:06	2020-05-20 06:59	10:53	12:53				18:06	23:06	07:29	12:29	13:23										
We	9	2020-05-20 20:05	2020-05-21 07:00	10:55	12:55				18:05	23:05	07:30	12:30	13:25										
Th	10	2020-05-21 20:05	2020-05-22 07:00	10:55	12:55	18:05	00:15	06:10						00:00	05:00	07:30	12:30	7:30					
Fr	11	2020-05-22 20:04	2020-05-23 07:01	10:57	12:57	18:04	00:15	06:11						00:00	05:00	07:31	12:31	7:31					
Sa	12	2020-05-23 20:04	2020-05-24 07:02	10:58	12:58	18:04	00:15	06:11						00:00	05:00	07:32	12:32	7:32					
Su	13	2020-05-24 20:04	2020-05-25 07:02	10:58	12:58	18:04	00:15	06:11						00:00	05:00	07:32	12:32	7:32					
Mo	14	2020-05-25 20:03	2020-05-26 07:03	11:00	13:00														18:03	23:03	07:33	12:33	13:30
Tu	15	2020-05-26 20:03	2020-05-27 07:03	11:00	13:00														18:03	23:03	07:33	12:33	13:30
We	16	2020-05-27 20:03	2020-05-28 07:04	11:01	13:01														18:03	23:03	07:34	12:34	13:31
Th	17	2020-05-28 22:02	2020-05-29 07:04	09:02	11:02														20:02	01:02	07:34	12:34	11:32
Fr	18	2020-05-30 00:15	2020-05-30 07:05	06:50	08:50														22:15	03:15	07:35	12:35	09:20
Sa	19	2020-05-31 01:42	2020-05-31 07:05	05:23	07:23														23:42	04:42	07:35	12:35	07:53
				<b>total</b>	<b>total</b>			<b>total</b>				<b>total</b>		<b>total</b>			<b>total</b>					<b>total</b>	
				178:26	216:26			31:29				96:06		30:05			69:16						



## COVID status @ Argentina / Malargüe

**Fases de administración del aislamiento**

	1	2	3	4	5
	Aislamiento estricto	Aislamiento administrativo	Segmentación geográfica	Reapertura progresiva	Nueva normalidad
✓ Autorizados	Solo servicios esenciales	Nuevas autorizaciones	Excepciones provinciales	Excepciones provinciales	Con hábitos de higiene y cuidado sostenido
✗ Prohibiciones	Todo el resto	Prohibiciones nacionales	Prohibiciones nacionales	Prohibiciones nacionales	
👤 Movilidad de la población	Hasta el 10%	Hasta el 25%	Hasta el 50%	Hasta el 75%	Hasta el 75%
🕒 Tiempo de duplicación de los casos	Menos de 5 días	5 a 15 días	15 a 25 días	Más de 25 días	
📍 Geográfico	Homogéneo	Excepciones nacionales	Segmentación por criterio epidemiológico	Restricciones locales	Homogéneo

nuevo coronavirus COVID-19

Argentina unida

- Right now Argentina is at level 4, which means that we have started an slow reactivation;
- May 24 or 26 we are going to have news from our President about the next steps;
- Reopening had bad consequences on main cities (Buenos Aires, Mendoza, etc);
- There were no new COVID cases at Malargüe;
- International flies will be available from September;



## COVID Impact on FD shifts

- **Detectors operated**
  - Regular FDs + CLF + XLF. Not HEAT and LIDARs or other projects (already explained why);
  - When we are going to integrate them? Soon we hope. May 24<sup>th</sup> or 26<sup>th</sup> probably we can come back to “normal” operation (the new normal);
- **Shifters available**
  - Excellent job done by Bianca Keilhauer on getting remote shifters from different remote stations;
  - Mariano (me) is training another local co-worker to conform a 5 persons team “just in case”;
- **Operation (having detectors and shifter premises in account)**
  - Regular detector maintenance scheduled right after shift on full day tasks in order to minimize travels through police controls;
  - Problem investigation postponed until we gain access to travel normally;
  - Shifters on shift composed by local team + remote stations. Remember:
    - international flies from September;
    - local travels... the President will decide;